Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER)



ANNUAL REPORT 2024-2025



Fathers Consoler



Sympathy

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सत्यमेव जयते



श्री जगत प्रकाश नड्डा
SHRI JAGAT PRAKASH NADDA

माननीय केंद्रीय मंत्री

Hon'ble Union Minister

स्वास्थ्य एवं परिवार कल्याण मंत्रालय व रसायन एवं उर्वरक, भारत सरकार

Ministry of Health & Family Welfare and Chemicals & Fertilizers, Government of India



श्री प्रतापराव जाधव
Shri Prataprao Jadhav
माननीय राज्य मंत्री (स्वतंत्र प्रभार)
आयुष मंत्रालय
Hon'ble Minister of State (Independent Charge)
Ministry of Ayush
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and
माननीय राज्य मंत्री
स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार
Hon'ble Minister of State
Ministry of Health & Family Welfare, Government of India



श्रीमती अनुप्रिया पटेल
Smt. Anupriya Patel
माननीय राज्य मंत्री
Hon'ble Minister of State
स्वास्थ्य एवं परिवार कल्याण व रसायन एवं
उर्वरक मंत्रालय, भारत सरकार
Ministry of Health & Family Welfare and
Chemicals & Fertilizers, Government of India


SCREENING OPD

From the Director's Desk



Dr. Vir Singh Negi
Director
MBBS, MD, DM, PGDHHM

Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry, more widely known by its acronym JIPMER, is engaged in providing teaching facilities and patient care services of the highest order and of undertaking high-quality research in the field of healthcare. It is one of the oldest public-sector institutions in the country that impart medical education at undergraduate, post-graduate and superspeciality levels. In addition, it runs several courses in nursing and other allied health sciences, provides state-of-the-art healthcare services in nearly all specialties and sub-specialties of medicine, and conducts high quality biomedical research.

During the year 2024-25, the Institute has continued to excel in all three spheres of its activity –teaching, patient care and research. It has taken steps to broaden its activities and to keep up with the latest developments in various fields of medicine and biomedical sciences. On the academic front, in the year 2024, the Institute moved up to 5th rank among all medical institutions. Five new PDF courses were approved by the Standing Academic Committee and started from July 2024.

During the year 2024-25, faculty members and students published over 1237 original articles in various scholarly scientific journals. Currently JIPMER has 218 on-going projects with a total sanctioned amount of Rupees 119.11 crores funded by several national and international funding agencies. Apart from this, the institute sanctioned intramural grants of ₹2.45 crores to faculty members and junior researchers for conducting research projects in their respective areas of interest. The Institute filed 13 patent applications, of which nine were granted.

Over the recent years, JIPMER has been witnessing an ever-increasing patient load. The large number of revisit cases attest to the patients' reliance on our quality health care. The poor patients admitted to JIPMER Hospital are treated under the patient benefit

schemes of Pradhan Mantri Jan Arogya Yojana (PM-JAY), Tamil Nadu Chief Minister's Health Insurance Scheme (TNCMHIS), Rashtriya Arogya Nidhi (RAN) and Poor Patient Chest Fund.

On the infrastructure front, JIPMER achieved major milestones with the completion of the Medical College and Residential Complex at Karaikal (₹404 crore), Multispecialty Consulting Unit at Yanam (₹48 crore), and the Centre for Research Innovation and Entrepreneurship Facility at Puducherry (₹30.28 crore). Several key projects—such as the Regional Cancer Centre modernization and 476-bedded JIPMER Karaikal Hospital are progressing steadily, reinforcing the Institute's expansion and modernization plans.

JIPMER continues its mission of equitable healthcare through extensive community outreach via its Urban and Rural Health Centres, offering innovative initiatives that have strengthened access to health care preventive, promotive, curative, and rehabilitation support.

The compilation and timely publication of the annual report were made possible through the diligent and tireless efforts of numerous faculty members and staff from every department and section who contributed the primary data, as well as the members of the Annual Report Committee, the Hindi Section, and the JIPMER Printing Press. I take this opportunity to record my sincere appreciation and gratitude to all of them for their valuable contributions.

As we move forward, JIPMER remains steadfast in its commitment to advancing the frontiers of healthcare, education, and research, while strengthening its role as a national leader in medical excellence.

JIPMER Vision and Mission Statement

Vision



Mission



Executive Summary by Director–2024–25

It is my privilege to present the summary of the Institute's activities during the year 2023–24. As one of India's premier medical institutions, JIPMER continues to advance its mission of excellence in patient care, medical education, and research, while expanding its infrastructure and outreach to meet the growing healthcare needs of the nation.

Patient Care Activities

Since its inception, JIPMER has been at the forefront of providing comprehensive, accessible, and high-quality healthcare to the people of Puducherry and neighboring southern states. The Institute's hospital complex includes 34 outpatient clinics and more than 105 specialty clinics, with a bed strength exceeding 2,200, of which approximately 10% are dedicated to intensive care and high-dependency units. Our in-house laboratories perform more than 85 lakh investigations annually, supporting timely and accurate diagnosis and treatment.

During the year under review, the total outpatient attendance reached 14,09,940, comprising 2,75,141 new cases and 11,34,799 revisits. The steady increase in patient numbers underscores the trust placed in the Institute's clinical services by individuals from across the country, including states such as Tamil Nadu, West Bengal, Andhra Pradesh, Telangana, and Kerala.

The Institute continues to provide financial assistance to economically disadvantaged patients through several government and institutional health benefit schemes, including the Ayushman Bharat–Pradhan Mantri Jan Aarogya Yojana (PM-JAY), Tamil Nadu Chief Minister's Health Insurance Scheme (TNCMHIS), Rashtriya Arogya Nidhi (RAN), and the Poor Patients' Chest Fund. The dedicated Insurance Wing facilitates cashless treatment under AB-PMJAY, CMCHIS-PMJAY, NLC, and CGHS schemes.

JIPMER also extends its reach to the community through its Karaikal and Yanam satellite centers, and outreach health camps conducted regularly through participation in national initiatives by the Ministry of Health and Family Welfare, Government of India. During the reporting year, a cashless treatment scheme for CGHS pensioners was also implemented, further broadening the Institute's patient welfare framework.

Academic Activities

The Academic Section oversees admissions, curriculum planning, and teaching-learning processes of Under Graduate, Post Graduate, Super Specialty and Ph.D. programs, ensuring seamless integration between academics and clinical service. In the National Institutional Ranking Framework (NIRF) 2024, JIPMER was ranked 5th among medical institutions in India. In the India Today 2023 rankings, JIPMER achieved the 2nd position nationally, next only to AIIMS, New Delhi — a testament to its academic excellence.

During the year, JIPMER was designated as a Nodal Centre for the Advanced Course in Medical Education (ACME)by the National Medical Commission, reinforcing its leadership role in medical education innovation. The Institute currently offers over 100 academic programs across undergraduate, postgraduate, doctoral, and postdoctoral levels in diverse disciplines of medicine and allied health sciences, with annual admission of around 850.

Five new Postdoctoral Fellowship (PDF) programs—Interventional Cardiology, Head and Neck Radiation Oncology, Pelvic Radiation Oncology, Fetal Medicine, and Pediatric Nephrology—were approved by the Standing Academic Committee and commenced from July 2024. Admissions to the MBBS program (182 seats at the Puducherry campus and 61 at the Karaikal campus) were conducted through NEET, in accordance with national standards.

JIPMER's flagship intercollegiate cultural and sports festival, SPANDAN 2024, held in November, provided a vibrant platform for holistic development, showcasing the spirit of camaraderie, talent, and creativity among medical students.

Research Activities

Research remains a cornerstone of JIPMER's institutional vision. The Central Research Facility continues to provide vital support for basic, clinical, and translational research initiatives. As of 2023–24, the Institute had 218 ongoing projects with a cumulative sanctioned funding of ₹119 crore, supported by leading national and international agencies such as ICMR, DBT, DST, NIH and BIRAC.

Additionally, intramural research funding totaling ₹2.45 crore was disbursed during 2024–25 to faculty and junior researchers to promote investigator-initiated studies. Two new intramural funding schemes—Competitive Intramural Research Grants and Early-Career Research Grants—were launched to encourage high-quality, innovative research among faculty. A total of 26 undergraduate students were recipients of the Golden Jubilee Short-Term Research Award (GJ-STRAUS) for 2024–25.

Faculty and students published over 1,237 original research articles in reputed scientific journals during the year. The 10th Annual Research Day, held on 8 March 2025, featured 120 scientific abstracts presented across eight categories, encompassing oral and poster sessions and workshops on many Clinical, Basic sciences and Public health related topics.

The 6th edition of CONNAISSANCE (2024) — JIPMER's International Undergraduate Medical Conference, which was held on June 28-30,2024 brought together medical students from leading institutions across India. Centered on Research, Medical Technology, and Medicine in Societal Health, the event encouraged academic exchange and interdisciplinary collaboration.

Innovations and Entreprenuership

The Institute filed 13 patent applications, of which nine were granted; the remaining are under review at the Intellectual Property India, Chennai.

Administrative and Infrastructure Development

During 2024–25, the Administrative Division made significant strides in strengthening and expanding infrastructure across the Puducherry, Karaikal, and Yanam campuses. Major completed projects include:

- Medical College Building, Hostels, and Residential Complex at JIPMER Karaikal (₹404 crore)
- Multispecialty Consulting Unit at Yanam (₹48 crore)
- Centre for Research, Innovation and Incubation at JIPMER Puducherry(₹30.28 crore)
- Comprehensive CCTV and Integrated Security Surveillance System (₹19.50 crore)

Several key projects are in advanced stages of execution, including the Modernization and Upgradation of the Regional Cancer Centre (₹46.56 crore), 400-bedded Boys' Hostel (₹39.75 crore), and the 476-bedded JIPMER Karaikal Hospital (₹451.05 crore).

The proposed Institute of Trauma Care and Rehabilitation (₹493.60 crore) awaits land reallocation following the cancellation of the Sedarapet site by the Govt. of Puducherry. The Institute has formally requested the Government of Puducherry to reconsider and reinstate the land transfer.

New initiatives during the year include the construction of Type-V residential quarters (Rs.28.96 Crore) and the implementation of a Pneumatic Tube System across the JIPMER campus (₹25.10 lakh). The Detailed Project Report (DPR) is ready for submission to the Standing Finance Committee (SFC).

Community Outreach Activities

JIPMER continues its mission of equitable healthcare through extensive community outreach via its Urban and Rural Health Centres, offering preventive, maternal, and adolescent health services. Innovative initiatives such as telemedicine, e-Sanjeevani, and tobacco cessation clinics have strengthened rural access and rehabilitation support. Regular health camps, national campaigns, and public health observances fostered awareness and participation. Beyond Puducherry, the operational Karaikal campus and Yanam multispecialty unit mark JIPMER's growing regional presence and commitment to accessible quality care.

Conclusion

As JIPMER continues its journey of growth and service, the Institute remains steadfast in its commitment to excellence in patient care, education, and research. The collective efforts of our faculty, staff, and students have strengthened JIPMER's position as a center of national importance and a symbol of trust in public healthcare.

We look forward to continued progress and innovation in the years ahead, striving always to bring greater laurels to the Institute and to our nation.

Prof. Vir Singh Negi

Director, JIPMER

JIPMER An Overview

Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) originated in the year 1823 as the Ecole de Medicine de Pondicherry established by the French Government It was renamed as Dhanvantari Medical College in 1956 at the time of de facto transfer of Pondicherry to Government of India JIPMER was established in its current campus in 1964 and is spread over 1922 acres JIPMER is well known for its undergraduate and postgraduate medical courses and its alumni have excelled in different disciplines all over the world On 14th July 2008, JIPMER was declared an Institution of National Importance and became autonomous by an Act of Parliament It awards degrees under Clauses 23 & 24 of the JIPMER Act, 2008 Various courses are offered in JIPMER. It runs an MBBS course taking 243 students each year (182 Puducherry and 61 in Karaikal campus). In addition, postgraduate programs (MD/MS/MDS) are offered in 27 disciplines, Super Specialty programmes (DM/MCh) in 14 and 8 disciplines respectively, and Fellowship/ Certificate courses in 18 disciplines. JIPMER also conducts other courses including B Sc Nursing (94 seats/yr), 5 M Sc Nursing, 11 B Sc Allied Medical Sciences (87 seats), 6 M Sc Allied Medical Sciences and MPH (25 seats/ year). JIPMER conducts a nationally acclaimed ten day National Course on Educational Science for Teachers of Health professionals twice a year The NTTC is the only one among the five such centres to continue its National Course and till date more than 1600 participants have been trained in education technology The Department of Medical Education has been recognised as an MCI Regional Faculty Development Centre in 2015 JIPMER has been promoting research activities in medical sciences since its inception T is research may be in the form of faculty research projects, postgraduate dissertation work, PhD thesis work and undergraduate research projects and may involve human or animal subjects

JIPMER has a well-equipped Central Library which houses more than 75,000 books, journals and a computer lab JIPMER has excellent health care facilities (more than 40 departments) and most of the patients treated here belong to low socioeconomic group The hospital currently has bed strength of 2059 and has several inpatient wings In addition to the main hospital, the Super Specialty Block, Emergency Medical Services, Women and Children Hospital and Regional Cancer Centre provide state of the art medical care in different areas largely to poor patients from Puducherry and many districts of Tamil Nadu as well as patients from Andhra Pradesh, Odisha, West Bengal and Bihar The daily average OPD attendance is more than 5000 with a yearly OPD attendance of more than 15 million The daily average OPD attendance is more than 5000 with a yearly OPD attendance of more than 15 million The daily average EMS attendance is more than 700 and the annual attendance is more than 2 lakhs Yearly admissions are more than 60,000 and the hospital performs more than 65 million investigations Outreach activities at the rural and urban health centers of JIPMER include service provision for approximately 2000 families in each service area (approximately 20,000 population) Presently JIPMER has staff strength of about 5000 with more than 2000 undergraduate and postgraduate students in all streams; and more than 300 faculty members JIPMER seeks to be a model for health systems in India through innovations in education, patient oriented research, population health and service excellence JIPMER aims to develop compassionate, ethically sound health professionals and provide service of the highest order across the health care continuum, through innovations in education that yield lifelong learners and leaders in health care JIPMER is the Regional Resource Centre (RRC) for implementation of NMCN Project (Telemedicine) for 160 Medical Colleges of Southern States (Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and Pondicherry)

JIPMER Administration

Officers of the Institute 2024-25

DIRECTOR	Prof. Rakesh Aggarwal (01.04.2024 to 31.12.2024) Prof. Gautam Roy (01.01.2025 to 31.01.2025) Prof. VS Negi (01.02.2025 onwards)
MEDICAL SUPERINTENDENT	Prof. L. N. Dorairajan
DEAN (ACADEMIC)	Prof. Vikram Kate
DEAN (RESEARCH)	Prof. DM Thappa
DEAN (KARAIKAL)	Prof. Kusa Kumar Shaha
DEPUTY DIRECTOR (ADMN.)	Dr. Krishana Gopal Goyal, IRS (01.04.2024 to 18.07.2024) Shri. S Rangabashiam (19.07.2024 onwards)
SENIOR FINANCIAL ADVISOR	Ms Varshini Arun, IA&AS (24.07.2024 onwards)

Institute Body

Chairman		
1	Prof. V.M. Katoch	President, JIPMER (till 13th August 2024)*
Members		
2	Shri S. Selvaganabathy	Hon'ble Member of Parliament (Rajya Sabha)
3	Shri Ve. Vaithilingam	Hon'ble Member of Parliament (Lok Sabha)
4	Shri P. Ravindranath	Hon'ble Member of Parliament (Lok Sabha)
5	Shri Apurva Chandra, IAS	Secretary MoH&FW, Government of India, New Delhi
6	Prof. K. Tharanikkarasu	Vice-Chancellor (I/c) Pondicherry University, Puducherry
7	Prof. K. Narayanasamy	Vice-Chancellor TN Dr. M.G.R. Medical University, Chennai
8	Prof. Atul Goel	Director General of Health Services Government of India, New Delhi
9	Shri Jaideep Kumar Mishra, ICAS	Additional Secretary & Financial Advisor MoH&FW, Government of India, New Delhi
10	Dr. Sharat Chauhan, IAS	Chief Secretary Government of Puducherry
11	Shri S K Barnwal, IAS	Additional Secretary (Technical Education) Government of India, New Delhi
12	Prof. Shivanand M. Bandekar	Professor & Head of Orthopaedic Surgery Goa Medical College and Hospital, Goa
13	Prof. V. Ravi	Professor of Neurovirology (Rtd.) NIMHANS, Bengaluru
14	Prof. V.K. Bansal	Professor of Surgery AIIMS, New Delhi
15	Prof. Ajit Avasthi	Professor & Head (Rtd.) of Psychiatry PGIMER, Chandigarh
16	Dr. Suvendra Nath Bhattacharyya	Principal Scientist & Head of Molecular Biology Molecular Genetics Division, IICB, West Bengal
17	Prof. Ashutosh N. Aggarwal	Professor & Head of Pulmonary Medicine PGIMER, Chandigarh

The tenure of the Institute Body, General Body and Standing Committees ended on 13th August 2024.

18	Prof. Renu Saxena	Professor & Head of Hematology AIIMS, New Delhi
19	Prof. Subrata Sinha	Professor & Head of Biochemistry AIIMS, New Delhi
20	Prof. Ambuj Roy	Professor of Cardiology AIIMS, New Delhi
Member-Secretary		
21	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry
Special Invitees		
1	Ms. Ankita Mishra Bundela, IAS	Joint Secretary MoH&FW, Government of India, New Delhi
2	Dr. Krishana Gopal Goyal, IRS	Deputy Director (Admin.) JIPMER, Puducherry

Governing Body

Chairman		
1	Prof. V.M. Katoch	President, JIPMER
Members		
2	Shri Ve. Vaithilingam	Hon'ble Member of Parliament (Lok Sabha)
3	Shri Apurva Chandra, IAS	Secretary MoH&FW, Government of India, New Delhi
4	Prof. Atul Goel	Director General of Health Services Government of India, New Delhi
5	Shri Jaideep Kumar Mishra, ICAS	Additional Secretary & Financial Advisor MoH&FW, Government of India, New Delhi
6	Prof. Sharat Chauhan, IAS	Chief Secretary Government of Puducherry
7	Prof. Vikram Kate	Professor of Surgery and Dean (Academic) JIPMER, Puducherry
8	Prof. V. Ravi	Professor of Neurovirology (Rtd.) NIMHANS, Bengaluru
9	Prof. Ajit Avasthi	Professor & Head (Rtd) of Psychiatry PGIMER, Chandigarh
10	Prof. Subrata Sinha	Professor & Head of Biochemistry (Rtd) AIIMS, New Delhi
11	Prof. Niranjan Biswal	Professor of Pediatrics JIPMER, Puducherry
12	Prof. Pankaj Kundra	Professor of Anaesthesiology JIPMER, Puducherry
13	Prof. M.C. Misra	Former Director AIIMS, New Delhi
14	Lt. Gen. D Raghunath	Former Director-General Armed Forces Medical Services, Bengaluru
Member-Secretary		
15	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry
Special Invitees		
1	Ms. Ankita Mishra Bundela, IAS	Joint Secretary MoH&FW, Government of India, New Delhi
2	Dr. Krishana Gopal Goyal, IRS	Deputy Director (Admin.) JIPMER, Puducherry

Standing Finance Committee

Chairman		
1	Shri Apurva Chandra, IAS	Secretary, MoH&FW, GoI, New Delhi (01.05.2024 to 30.09.2024)
	Ms. Punya Salila Srivastava	Secretary, MoH&FW, GoI, New Delhi (01.10.2024 onwards)
Members		
2	Shri S. Selvaganabathy	Hon'ble Member of Parliament (Rajya Sabha)
3	Prof. Atul Goel	Director General of Health Services Government of India, New Delhi
4	Dr. Sharat Chauhan, IAS	Chief Secretary Government of Puducherry
5	Shri Jaideep Kumar Mishra, ICAS	Additional Secretary & Financial Advisor MoH&FW, Government of India, New Delhi
6	Prof. Shivanand M. Bandekar	Professor & Head of Orthopaedic Surgery Goa Medical College and Hospital, Goa
7	Prof. Ashutosh N. Aggarwal	Professor & Head of Pulmonary Medicine PGIMER, Chandigarh
8	Prof. Renu Saxena	Professor & Head of Hematology AIIMS, New Delhi
Member-Secretary		
9	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry
Special Invitees		
1	Ms. Ankita Mishra Bundela, IAS	Joint Secretary MoH&FW, Government of India, New Delhi
2	Dr. Krishana Gopal Goyal, IRS	Deputy Director (Admin.) JIPMER, Puducherry

Hospital Affairs Committee

Chairman		
1	Prof. Ajit Avasthi	Professor & Head (Rtd) of Psychiatry PGIMER, Chandigarh
Members		
2	Shri P. Ravindranath	Hon'ble Member of Parliament (Lok Sabha)
3	Prof. K. Narayanasamy	Vice-Chancellor TN Dr. M.G.R. Medical University, Chennai
4	Prof. Shivanand M. Bandekar	Professor & Head of Orthopaedic Surgery Goa Medical College and Hospital, Goa
5	Prof. V.K. Bansal	Professor of Surgery AIIMS, New Delhi
6	Prof. Ashutosh N. Aggarwal	Professor & Head of Pulmonary Medicine PGIMER, Chandigarh
7	Prof. Surendran	Professor and Head of Surgical Gaestroenterology, MMC Chennai
8	Prof. L.N. Dorairajan	Medical Superintendent, JIPMER, Puducherry
Member-Secretary		
9	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry

HR Sub-committee of the Institute Body

Chairman		
1	Prof. K. Tharanikkarasu	Vice-Chancellor (I/c) Pondicherry University, Puducherry
Members		
2	Prof. K. Narayanasamy	Vice-Chancellor TN Dr. M.G.R. Medical University, Chennai
3	Prof. V. Ravi	Professor of Neurovirology (Rtd.) NIMHANS, Bengaluru
4	Dr. Sharat Chauhan, IAS	Chief Secretary Government of Puducherry
Member-Secretary		
5	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry
Special Invitees		
1	Dr. Krishana Gopal Goyal, IRS	Deputy Director (Admin.) JIPMER, Puducherry

Standing Selection Committee

Chairman		
1	Prof. M.C. Misra	Former Director, AIIMS, New Delhi
Members		
2	Prof. Atul Goel	Director General of Health Services Government of India, New Delhi
3	Prof. Ajit Avasthi	Professor & Head (Rtd) of Psychiatry PGIMER, Chandigarh
4	Prof. Suvendra Nath Bhattacharyya	Principal Scientist & Head of Molecular Biology, Molecular Genetics Division, IICB, West Bengal
5	Prof. Renu Saxena	Professor and Head (Rtd) of Hematology, AIIMS, New Delhi
6	Prof. Subrata Sinha	Professor & Head of Biochemistry (Rtd) AIIMS, New Delhi
7	Prof. Ambuj Roy	Professor of Cardiology AIIMS, New Delhi
8	Prof. Subhash Varma	Former Professor and Headof Medicine, PGIMER, Chandigarh Research, Chandigarh
Member-Secretary		
9	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry

Standing Estate Committee

Chairman		
1	Prof. Ajit Avasthi	Professor & Head (Rtd.) of Psychiatry PGIMER, Chandigarh
Members		
2	Shri Ve. Vaithilingam	Hon'ble Member of Parliament (Lok Sabha)
3	Prof. K. Tharanikkarasu	Vice-Chancellor (I/c) Pondicherry University, Puducherry
4	Dr. Sharat Chauhan, IAS	Chief Secretary Government of Puducherry
5	Prof. Shivanand M. Bandekar	Professor & Head of Orthopaedic Surgery Goa Medical College and Hospital, Goa
6	Prof. Ambuj Roy	Professor of Cardiology AIIMS, New Delhi

7	Prof. J. Balachander	Former Medical Superintendent JIPMER, Puducherry
8	Dr. V. Jambulingam	Former Director, VCRC (ICMR), Puducherry
Member-Secretary		
9	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry

Standing Academic Committee

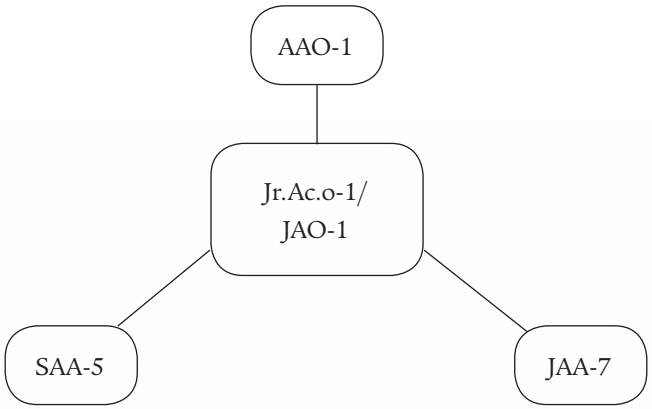
Chairman		
1	Prof. Y.K. Chawla	Former Director PGIMER, New Delhi
Members		
2	Prof. K. Tharanikkarasu	Vice-Chancellor (I/c) Pondicherry University, Puducherry
3	Prof. K. Narayanasamy	Vice-Chancellor TN Dr. M.G.R. Medical University, Chennai
4	Prof. Shivanand M. Bandekar	Professor & Head of Orthopaedic Surgery Goa Medical College and Hospital, Goa
5	Prof. V. Ravi	Professor of Neurovirology (Rtd.) NIMHANS, Bengaluru
6	Prof. V.K. Bansal	Professor of Surgery AIIMS, New Delhi
7	Prof. Ashok Kumar Saxena	Former General President Indian Science Congress Association
8	Prof. Ashutosh N. Aggarwal	Professor & Head of Pulmonary Medicine PGIMER, Chandigarh
9	Prof. Subrata Sinha	Professor & Head of Biochemistry (Rtd) AIIMS, New Delhi
10	Prof. Vikram Kate	Dean (Academic), JIPMER , Puducherry
11	Prof. R. P. Swaminathan	Former Dean (Academic), JIPMER , Puducherry
Member-Secretary		
12	Prof. Rakesh Aggarwal	Director JIPMER, Puducherry

Administration

Administrative Activities

Admin-I (Rec. Cell)

General Administration Hierarchy with Existing Positions



The administrative activities pertain to Admin-I (Rec. Cell) for the 2024 -2025 (as on 14.08.2025) are furnished here under.

Recruitment of SR & JR (NPG) Details

S/No.	Name of the Posts	Recruited for	Nos.
1	Senior Resident (Regular basis) – Jan 2025	JIPMER Puducherry & Karaikal	100
2	Senior Resident (Regular basis) – July 2025	JIPMER Puducherry & Karaikal	114
3	Senior Resident (Ad-hoc)	JIPMER Puducherry	9
4	Senior Resident (Contract)	JIPMER Puducherry	25
5	Junior Resident (NPG)	JIPMER Puducherry	31

Recruitment for the following various posts of Group 'A' (Non-Faculty), 'B' & 'C' on Regular/ Deputation/ Contract basis have been completed for the year upto August 2025:

Sl. No.	Name of the post	Regular/ Deputation/ contract	Recruited for	No.	Status
1	Various Group A and B	Deputation	JIPMER, Puducherry & Karaikal	18*	*Recruitment under process
2	Senior Accounts Officer	Deputation	JIPMER, Puducherry	1	
3	Consultants on various positions	Contract	JIPMER, Puducherry	7*	*Recruitment under process
4	Embryologist	Contract	JIPMER, Puducherry	1	none selected
5	General Duty Medical Officer	Contract	JIPMER, Yanam	18	

Sl. No.	Name of the post	Regular/ Deputation/ contract	Recruited for	No.	Status
6	Specialist Grade II (Jr.Scale) Various disciplines	Contract	JIPMER, Yanam	2	
7	Assistant Director (Official Language)	Deputation/ Promotion	JIPMER, Puducherry	1	
8	Security Consultant	Contract	JIPMER, Puducherry	1	none selected
9	Legal Consultant	Contract	JIPMER, Puducherry	1	none selected

Group B & C posts to be recruited through AIIMS, New Delhi CRE

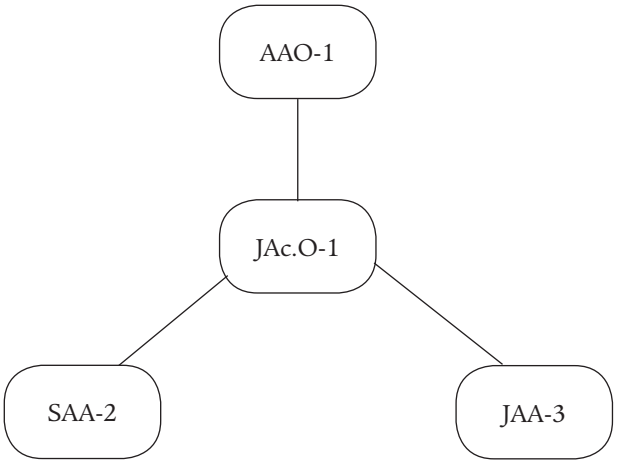
Sl. No.	Name of Post	JIPMER Campus	Total Posts
1	Assistant Biochemist	Puducherry	1
2	Assistant Dietician	Puducherry	2
3	Audiologist Cum Speech Therapist	Puducherry	1
4	Data Processing Assistant Grade B	Puducherry	4
5	Junior Translation Officer	Puducherry	2
6	Library And Information Assistant	Puducherry	1
7	Life Guard	Puducherry	1
8	Medical Laboratory Technologist	Puducherry	24
9	Scientific Officer Cum Tutor (Physics)	Puducherry	4
Total [Group B]			**40**
10	Assistant Laundry Supervisor	Puducherry	1
11	Computer Data Processor	Puducherry	1
12	Family Planning Welfare Worker	Puducherry	1
13	Junior Administrative Assistant	Puducherry	18
14	Junior Administrative Assistant	Karaikal	5
15	Junior Administrative Assistant	Yanam	1
16	Stenographer Gr.II	Puducherry	11
17	Stenographer Gr.II	Karaikal	4
18	Pharmacist	Puducherry	4
19	Pharmacist	Yanam	1
20	Audiological Technician	Puducherry	1
21	Perfusionist Assistant	Puducherry	2
Total [Group C]			**50**
Gr. B + Gr. C posts Total			**90**

NORCET – 2025

Sl. No.	Name of Post & Campus	Total Vacancy
1.	Nursing Officer, Puducherry	446
2.	Nursing Officer, Yanam	8
Total		**454**

Promotion Cell

General Administration Hierarchy with Existing Positions



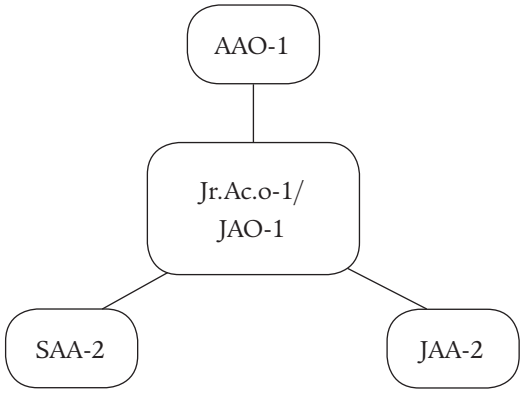
The administrative activities pertaining to Promotion Cell for the year following details are furnished for preparation of JIPMER Annual Report for the year April 2024 to March 2025:-

I. Based on the recommendation of the Departmental Promotion Committee and with the approval of the Competent Authority, 79 non-faculty promotion vacancies in respect of various Group A, B and C category posts were filled up on regular basis from April 2024 to March 2025.

II. Financial up-gradation under the Modified Assured Career Progression scheme (MACP) has been granted to 492 non-faculty staff members in respect of various Group A, B and C category posts.

III. Seniority list in respect of 26 posts of various Group A, B and C cadres are being prepared for timely conduct of Departmental Promotion Committee meeting during this year.

IV. Confirmation to 297 staffs of various Group B and C cadres is under processing for the period mentioned.



Admin. II (Outsourcing Services Wing)

General Administration Hierarchy with Existing Positions

Details of Manpower Services Outsourced by Admin.ii (outsourcing Services Wing), Jipmer, Puducherry-6 for the Period from April 2024 to March 2025

S/ No.	Service	Agency Name & Address (M/s.)	Remarks
1.	Housekeeping service	M/s. Krystal Integrated Services Private Limited, 15A/17, Krystal House, Duncan Causeway Road, Sion, Mumbai, Maharashtra-400022	The agency selected through GeM Portal for a period of two years from 01-06-2023 to 31.05.2025, and presently their contract period has been extended for a period of 180 days from 01-06-2025 to 27-11-2025 through GeM Portal.
2.	Security Service	M/s. SIS Limited, Annaurna Bhawan Road, Kurji, Patna, Bihar-800010.	The agency selected through the GeM Portal for a period of one year from 01.02.2023 to 31.01.2024, and their contract period was extended for a period of one year from 01-02-2024 to 31-01-2025, and further period up to 30-04-2025.
3.	Fire Safety Services	M/s. Security and Intelligence Services (I) Ltd, Patna, Bihar.	The agency selected through the GeM Portal for a period of one year from 01-11-2022 to 31-10-2024 and further extended up to 31-05-2025.
4.	Various manpower services	M/s. Sybex Support Services Private Limited, A-39, Basement, Dayanand Colony, Lajpat Nagar, New Delhi - 110024	The agency selected through the GeM Portal for a period of one year, with effect from 01-11-2023 to 31-10-2024, and further extended up to 31-03-2025
5.	Integrated Security Surveillance System (CCTV)	Hi-Focus Electronics (I) Pvt Ltd. No#3, Sunguvar street, Chintadripet, Chennai – 600002.	Contract awarded vide work order No. JOSW/12(1)/2020, dated 15/11/2022 with a value of Rs.19,50,74,193/- including purchase of capital assets for Rs.5,81,72,552/- and a subscription-based service for 5 years using monthly payment for Rs.13,69,13,041/- from the date of installation, and the project was approved by SFC vide 18th meeting dated 17-08-22. Supply & installation of the project completed on 31-07-2024 and the maintenance work started from 01-08-2024 for a period of 5 years.

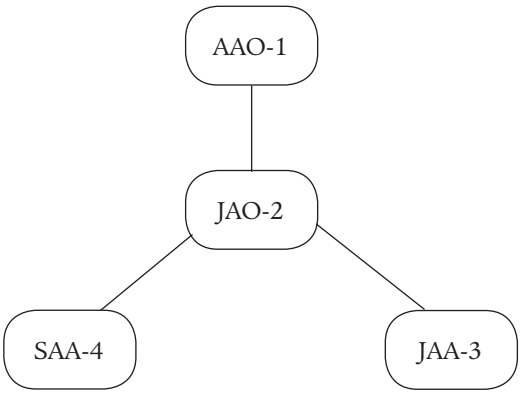
S/ No.	Service	Agency Name & Address (M/s.)	Remarks
6.	Photo copying service	M/s. Deepan Xerox Systems Istha Sithi Vinayagar Temple, Engineers colony, Mudaliyar Pet, Puducherry – 605 004.	The agency selected through open tender for a period of two years from 01-01-2024 to 31.12.2026.
7.	Catering Services in students' cafeterias, JIPMER Campus, Puducherry	M/s. Proodles Hospitality Services Pvt Ltd., Chennai	M/s. Proodles Hospitality Services Pvt Ltd., Chennai, was selected through the CPP Portal for catering services in students' cafeterias, JIPMER Campus, Puducherry and work order for a period of three years from 06.11.2023 to 05.11.2026 (3 years) issued vide No. JIP/ ADMIN-II/OSW/ 19(1)/2023 dated 06-11-2023. The agency started has started work at the International Dining Hall & Kitchen on 21-02-2024.

Achievements

This section dealt with outsourcing of manpower with approximately 2200 workers (approximately a contract value of Rs.89/- crores (Rupees Eight Nine Crores) per year) including Security Guards, Housekeeping service workers, Fire Guards and various skilled manpower services from various agencies. Apart from the outsourcing workers, monthly sanction orders for wages for nearly 500 daily rated labours/coolies are also dealt by this section. Also, all the correspondence i.e., issue of extension, NOC/Experience Certificate etc., to 103 Nos contractual staff are dealt by this section. This section also doing tender process for outsourcing of various services, processing of bills including through GeM and also dealt various issues from Labour department, etc., existing staff strength.

Admin-III(A)

General administration hierarchy with existing positions



The particulars in connection with the works carried over by Admin-III(A) Section is furnished below:

"This section maintains around 1250 Service Books/ Personal Files of staff working in various cadres from Level 1 to Level 7 such as Trainee, MTS, JAA, SAA, JAO, AAO, J.Ac.O, A.Ac.O, Ac.O, Law Officer, MRC, MRT, MRS, Storekeeper, Theatre Asst., O.T. Techn., X-Ray Techn., Pharmacist, Senior Pharmacist, MSW, Medical Lab Technologist, Technical Assistant, Steno. Gr-I & II, Hindi Translator Private Secretary and all Transport, Dietetics, Workshop cadres, Trainees etc.,.

This Section mainly deals with Sanctioning of Leave (Earned Leave, Commuted Leave, Maternity Leave, Paternity Leave, Child Care Leave, WRIIL & Special Casual Leaves), Fixation & Revision of Pay during promotion and MACP, Sanctioning of Increments in the month of January and July for staff upto level "7" in pay matrix (Grade Pay Rs.4600/-). Further, this Section Process Marriage Declaration, Probation Clearance, Abroad Permission & Visa NOC, on-duty Conference, Annual IPR/ Immovable Property Return, Resignation and Superannuation, Sanction of Leave Encashment and also issuance of NOC, Service Certificate for various purposes. This Section also furnishes details for LTC Verification / Medical Re-imbursement / Tuition Fee / Passport Verification / Community Hall Allotment/ Joint Declaration.

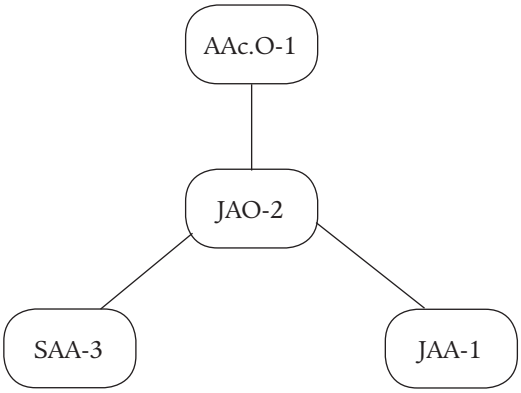
And also pay fixation under pay upgradation to Technical Officer and MLT around 134 staff /OT cadre, Sr. OT cadre pay upgradation around 78 nos./ NFSG pay fixation (79 nos.) and Regular pay fixation for MACP (146 nos.). Additionally, pay fixation on promotion have also be done for Admin. & Miscellaneous cadre around 62 nos. in this section.

Moreover, this section also deals with issuing the Recall Memos to the Staff Members who are in Unauthorized Absence / Irregular Attendance and forward their files to the Disciplinary and Court Cases Cell for necessary action with prior approval of the

Competent Authority and follow up actions will be dealt accordingly.

Admin-III(B)

General Administration Hierarchy with Existing Positions



The particulars in connection with the works carried over by Admin-III (B) Section is furnished below as follows:

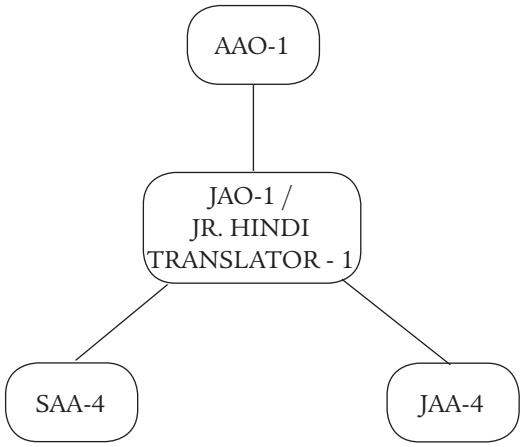
There are approximately 1250 Service Books of various cadres starting from Level 8 onwards such as GDMO (HAG), Consultant (Staff Clinic), Consultant (Hospital Administration), Specialist Grade-II (Junior Scale) in JIPMER, Yanam, General Duty Medical Officer in JIPMER, Puducherry, Karaikal and Yanam, Chief Medical Officer, Senior Medical Officer, Chief Dietician, Senior Dietician, Dietician, Assistant Dietician, Senior Occuputational Therapist, Senior Physiotherapist, Biochemist, Professor cum Principal (Acting), Assistant Professor, Tutor, Accounts Officer, Assistant Accounts Officer, Senior Technical Officer (MLT), Senior Administrative Officer, Administrative Officer, Assistant Engineer (Civil), Assistant Engineer (Electrical) including Officials on deputation like Deputy Director (Admin.), Senior Financial Advisor, Senior Accounts Officer, Registrar (JIPMER, Karaikal), Senior Stores Officer, Junior Residents for January and July batches, Senior Residents (Regular, Academic & Ad-hoc) etc. are being maintained in this section.

This Section also deals with sanction of all kinds of leave as per CCS (Leave) Rules, 1972, Maintenance of service books and personal files in respect of the Officials mentioned above, Preparing leave salary and pension contribution statement, Sanctioning of periodical increment, Preparing Pay fixation statement on promotion/MACP, Furnishing of reply for RTI applications, Processing of Book allowance for Junior Residents, Relieving particulars of the Officials on superannuation/VRS & Resignation pertaining to this Section, Processing of papers in connection with resignation and superannuation, EL encashment for LTC and Superannuation/VRS, Grant of permission to attend the Conference/Seminar/Symposium/Workshop at National level, permission for study purpose, Observership, Abroad permission, NOC for applying Passport, VISA, Job and Higher Studies, Permission for purchase & disposal of Movable and Immovable property as per CCS (Conduct) Rules, 1964, Annual property returns, Grant of Onduty permission to attend court cases, issue of Officiating Order(s) and sanction of TA/DA for the officials including Deputation.

In addition to this, this section also deals with furnishing of family details to LTC claims, Verification of Passport, Allotment of Community Hall to the working staffs and their dependants, Issue of Service/Experience Certificate to obtain BSNL Broadband connection, driving license and for KV School admissions.

Admin-4 (Faculty Wing)

General Administration Hierarchy with Existing Positions



The administrative activities pertaining to Admn-4 (Faculty Wing) for the year 2024-25 are furnished here under:

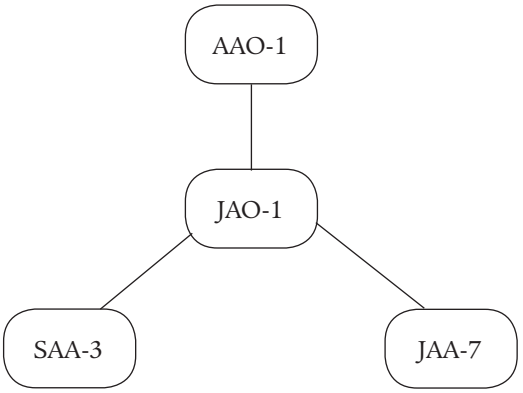
During the year 2024-25, fourteen new faculty members on regular basis (PDY campus: 12 and KKL campus: 2) have joined in various specialties at JIPMER with regard to the faculty recruitment 2023. In respect of promotion of faculty members under Assessment Promotion Scheme for the year 2024, proformas have been obtained from 60 faculty members at JIPMER Puducherry campus (47 Additional Professors, 12 Associate Professors and 1 Assistant Professor) who had completed requisite years of service in their present post for consideration for assessment promotion interview before the Standing Selection Committee of the Institute for their promotion to next higher level to the post of Professor, Additional Professor and

Associate Professor respectively. The tenure of the Governing Body (GB) of the Institute concluded on August 2024. Consequently, the tenure of Standing Selection Committee (SSC) of Institute also ended on August 2024. Upon appointment of new GB/SSC, interviews will be conducted to grant promotion to faculty members under APS 2024. An advertisement for recruitment to fill 80 faculty posts on regular basis (PDY campus: 61 & KKL campus: 19) in various specialties at JIPMER was published on various National dailies and JIPMER website on 16.10.2024 and on Employment News on 26.10.2024. Online applications were invited from eligible applicants and the last date to apply was 21.11.2024. The recruitment to faculty posts on regular basis is through interview conducted by the Institute's SSC. Upon constitution of new SSC, the interview for these faculty posts will be conducted. As a contingency measure for teaching/patient care services, six Assistant Professors on contractual basis were appointed across four Departments during April 2024 to March 2025. Eleven Assistant Professors (7 at Puducherry campus and 4 at Karaikal campus) who have completed 3 years of service in Level-12 have been placed in Level-13 as per 7th CPC.

Admn. 4 (Faculty wing) also deals with sanction of leaves, maintenance of service books and personal files, EL encashment for claiming LTC/during Superannuation, pay fixation for Promotion/Placement, preparing leave salary/pension contribution, sanctioning of periodical increment and grant of permission to faculty members for attending Conference/Seminar/Symposium/ Workshop at National and International level (The International conference assessment committee meeting is being conducted twice in every month), attending Official Meeting/Examinership in National level, permission for Study purpose, Fellowship, Observership, Training (Short term and Long term), Abroad permission, NOC for applying (Passport, VISA, Job and Higher Studies), permission for purchase & Disposal of Movable and Immovable property, Annual property returns, permission for attending radio programme health talk, court duty and permission to act as board of member to other institutions etc., Issue of orders for delegation of power, Officiating order in r/o Director, JIPMER.

Admin- V

General Administration Hierarchy with Existing Positions



The particulars in connection with the works carried over by Admin- V Section is furnished below:

"This section maintains around 1950 Service Books/ Personal Files of staff working in various cadres from Level 7 to Level 11 such as Nursing Officer, Senior Nursing Officer, Psychiatric Nurse, Public Health Nursing Officer, Sister Tutor, Assistant Nursing Superintendent, Deputy Nursing Superintendent, Nursing Superintendent, Chief Nursing Officer etc.

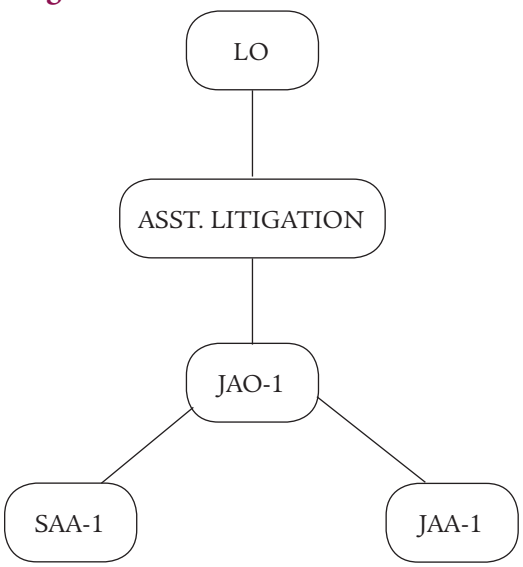
This Section mainly deals with Sanctioning of Leave (Earned Leave, Commuted Leave, Maternity Leave, Paternity Leave, Child Care Leave, WRIIL & Special Casual Leaves), Fixation & Revision of Pay during promotion and MACP, Sanctioning of Increments in the month of January and July for Nursing staff from level "7" to level "11". Further, this Section Process Marriage Declaration, Probation Clearance, Abroad Permission & Visa NOC, on-duty Conference, Annual IPR/ Immovable Property Return, Resignation and Superannuation, Sanction of Leave Encashment and also issuance of NOC, Service Certificate for various purposes. This Section also furnishes details for LTC Verification / Medical Re-imbursement / Tuition Fee / Passport Verification / Community Hall Allotment/ Joint Declaration. Pay fixation under pay upgradation to the above mentioned officials.

In addition to this, the section also deals with issuing the Recall Memos to the Staff Members who

are in Unauthorized Absence / Irregular Attendance and forward their files to the Disciplinary and Court Cases Cell for necessary action with prior approval of the Competent Authority and follow up actions will be dealt accordingly.

Disciplinary & Court Cases Cell

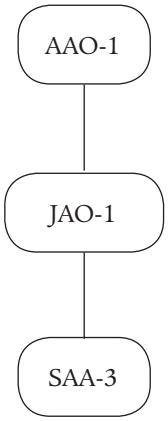
General Administration Hierarchy with Existing Positions



The Disciplinary & Court Cases Cell is dealing with all the Disciplinary Cases against Group A, B & C Officers of JIPMER. It is also dealing with all court cases for and against JIPMER. This section is playing proactive role in taking action on employees involved in criminal activities. This section consists of 2 divisions. One is Disciplinary Cell which deals with disciplinary cases against employees of JIPMER and another Cell is Court Cases Cell which deals with cases for and against JIPMER in all the courts of India. Both the cells work is to render justice and enforce discipline in the work environment of this Institute.

Estate Section

General Administration Hierarchy with Existing Positions



CPWD - Civil Works

S.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
1	MAINTENANCE	A/R & M/O to the Non-residential buildings at JIPMER during 2024-2025. SH: Day to Day complaints during the period April 2024 to March 2025 at JIPMER.	Rs.67,60,000/-	Rs.22,53,333/-
2	MAINTENANCE	A/R & M/O to External services in Non-residential buildings at JIPMER during 2024-2025.	Rs.96,84,000/-	Rs.32,28,000/-
3	CAPITAL	Repairs works to Non-residential buildings at JIPMER during 2024-2025. SH: SH1: Special repairs & SH: Annual repairs	Rs.88,49,300/-	Rs.29,49,767./-
4	CAPITAL	Construction of Entrance Porch and remodeling of approach to EMS building of JIPMER.	Rs.1,95,33,500/-	Rs.65,11,167/-
5	CAPITAL	Renovation of Student Canteen near EMS Cafeteria at JIPMER.	Rs.38,18,600/-	Rs.12,72,867/-
6	CAPITAL	Construction of retaining wall for remodeling of approach to EMS & Triage area at JIPMER.	Rs.87,05,000/-	Rs.29,01,667/-

S.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
7	CAPITAL	Renovation of A/C Deluxe ward, B & C special ward at CSSD, JIPMER. SH: Replacement of steel window with UPVC window, Replacing tiles & doors in toilets, Providing cupboard shutters, Painting and other miscellaneous works etc.,	Rs.58,48,700/-	Rs.19,49,567/-
8	MAINTENANCE	Annual Repairs and Maintenance of Residential buildings at JIPMER during 2024-2025. SH: Periodical painting of internal walls, Replacement of damaged doors and windows etc., Miscellaneous repairs works including replacement of damaged Sanitary water supply & Sanitary fittings and painting of change of quarters.	Rs.1,34,38,000/-	Rs.44,79,333/-
9	MAINTENANCE	Annual Repairs and Maintenance of Residential buildings at JIPMER during 2024-2025. SH: Day to Day Maintenance of residential buildings & Services of quarters, Hostels at JIPMER.	Rs.67,00,000/-	Rs.22,33,333/-
10	MAINTENANCE	Annual Repairs and Maintenance of the External Services in Residential buildings and Hostels at JIPMER during 2024-2025.	Rs.89,78,000/-	Rs.29,92,667/-
11	CAPITAL	Replacement of old water proofing with heat resistant tile in O2 ward at JIPMER.	Rs.4,43,000/-	Rs.4,43,000/-
12	CAPITAL	Providing JCB for periodical levelling of compost pit in Horticulture dumping yard at JIPMER.	Rs.10,84,000/-	Rs.3,61,333/-
13	CAPITAL	Renovation of FUTSAL Court in Hostel Complex at JIPMER.	Rs.30,36,800/-	10,12,267/-
14	CAPITAL	Renovation of Emergency Medical Services Building, JIPMER SH: Providing custom made G.I powder coated shutter for shelves, Vinyl flooring, Epoxy flooring, Replacement of floor & wall tiles & Internal, External painting and other miscellaneous woks.	Rs.82,04,000/-	27,34,667/-
15	CAPITAL	Construction of Temporary shed for Raw Sewage Disinfection Plant at JIPMER.	Rs.11,27,000/-	Rs.3,75,667/-
16	CAPITAL	Construction of New Board Room and providing allied facilities in the 5th floor of the Administrative Building at JIPMER. SH: Construction of partition wall, providing doors, providing wall paneling, removing and refixing the false ceiling wherever required with new false ceiling providing and placing furniture. **(REVISED)**	62,24,850/- (Existing estimate RS.45,87,000/.- and paid full existing estimate amount)	16,37,850/-
17	CAPITAL	Construction of Type – V (21 Nos.) Residential Quarters (S+7) including E & M Services and Development works at JIPMER.	Rs.28,96,87,000/-	Rs.20,00,00,000/-

S.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
18	CAPITAL	Construction of RCC Retaining wall along the rear side Roads and Providing and laying 100mm diameter water supply pipelines from water mains near WCH to Fire fighting UG Sump of Regional Cancer Center Extension Project at JIPMER.	1,21,49,000/-	40,49,667/-
19	MAINTENANCE	Outsourcing of all Comprehensive Maintenance of Residential Buildings, & Quarters, Hostels in JIPMER Campus for the 12 Months (2025-2026).	2,95,55,784/-	1,47,77,892/-
	MAINTENANCE	SH: "Civil & Electrical Maintenance works relating to day to day maintenance works, Annual repairs & Special repair works and other miscellaneous works".		
20	CAPITAL	Providing and laying Cement Concrete Road for easy access to fire and Emergency vehicles including Construction of RCC Strom water drains on the rear side of Regional Cancer Center – Extension project at JIPMER.	1,31,36,000/-	43,78,667/-
21	CAPITAL	Re-carpeting the existing bituminous road at EMS entrance porch & Providing cupboard in second floor doctor room, nurses duty room, male changing room and other miscellaneous works.	35,34,000/-	35,34,000/-
22	CAPITAL	Construction of Dump Lift (G+3) and providing 2 Ton goods lift for Electrical provision at Blood Bank, JIPMER.	98,51,500/-	32,83,833/-
23	CAPITAL	Providing Custom-made Storage Cabinet with G.I Power coated shutters, Aluminum door seal and applying Epoxy paint in Central Animal House at JIPMER.	49,57,900/-	49,57,900/-
24	CAPITAL	Construction of Fire Escape staircase (G+1) for Kamala Nehru Night Shelter at JIPMER.	26,97,600/-	17,98,400/-
25	CAPITAL	Outsourcing of all Comprehensive Maintenance of Non-Residential Buildings, JIPMER Campus for the year of 2025-2026. SH: "Civil & Electrical Maintenance works relating to day to day maintenance works, Annual repairs & Special repair works and other miscellaneous works".	2,83,58,701/-	1,41,79,351/-
	CAPITAL			

Additional Fund Details - CPWD (electrical)

Sl.No	HEAD	Particular	P Estimation	Balance amount paid
1	MAINTENANCE	R&M of 2x200 TR chiller plant in Library Block at JIPMER for the year 2024-25.	57,84,180/-	38,56,120/-
2	MAINTENANCE	R&M of 2x200 TR chiller plant at EMSD, JIPMER for the year 2024-25.	20,96,120/-	13,97,413/-

Sl.No	HEAD	Particular	P Estimation	Balance amount paid
3	MAINTENANCE	R&M of cold storage plants at JIPMER for the year 2024-2025	31,30,830/-	20,87,220/-
4	MAINTENANCE	R&M of 22 KV/0.433 KV substation at JIPMER for the year 2024-25.	92,77,701/-	61,85,134/-
5	MAINTENANCE	R&M of water supply (bore well & sump) pump sets at JIPMER for the year 2024-25.	23,94,051/-	15,96,034/-
6	MAINTENANCE	MOEI & fans in residential quarters., hostels, playground, shopping complex, community hall, auditorium i/c St. lights in residential area at JIPMER for the year of 2024-25.	87,14,870/-	58,09,913/-
7	MAINTENANCE	R&M of 3x120 TR chiller plant at Central Animal House at JIPMER for the year 2024-25.	11,83,260/-	7,88,840/-
8	MAINTENANCE	R&M of 1x175 TR HVAC plant in New Blood Bank at JIPMER for the year 2024-25.	17,10,760/-	11,40,507/-
9	MAINTENANCE	Annual maintenance, renewal of license, repairing & replacement of accessories for the existing 2 TON IBR rated Boiler and 500KG non IBR rated boilers in Laundry.	14,38,500/-	9,59,000/-
10	MAINTENANCE	R&M of various electrical & machine installation i/c chiller treatment plant, water filtration and softening plant, networking, humidity/temp./ pressure for BSL2 & BSL3	49,62,710/-	33,08,473/-
11	MAINTENANCE	R&M of sewage disposal plant at JIPMER for the year 2024-25.	12,86,950/-	8,57,967/-
12	MAINTENANCE	R&M of 2x250 TR screw chiller plant for hospital block at JIPMER for the year 2024-25.	52,79,190/-	35,19,460/-
13	MAINTENANCE	MOEI & fans college, hospital, causality, administrative block, auditorium and attached ancillary building at JIPMER 2024-25	1,18,43,900/-	78,95,933/-
14	MAINTENANCE	R&M of assorted makes of UPS systems at various locations including replacement of batteries as and when requited at JIPMER for the year 2024-25	20,64,269/-	13,76,179/-
15	MAINTENANCE	R&M of lifts at JIPMER 2024-25.	94,86,590/-	63,24,393/-
16	MAINTENANCE	R&M of AMF type DG sets i/c providing of AMC B-check and C-check services, varnishing HSD, replacement of batteries as and when required for the year of 2024-25	1,14,41,200/-	76,27,467/-
17	MAINTENANCE	Complete annual maintenance for year of AC system installed at PMRC building, ID ward, community hall, auditorium at JIPMER 2024-25.	16,82,365/-	11,21,577/-
	TOTAL			**5,58,51,630/-**

Sl.No	HEAD	Particular	P Estimation	Balance amount paid
1	CAPITAL	Replacement of existing HPSV flood lighting luminaries with 200 W LED flood lighting luminaries AND high mast poles in existing sports playground.	17,04,248/-	11,36,166/-
2	CAPITAL	Replacement of defective submersible pump SET-60 HP and "C" class heavy duty MS pipe, non-return valve 150MM butterfly value 150MM in main sump at JIPMER.	33,91,062/-	22,60,708/-
3	CAPITAL	Providing Retrofit Emission control device along with allied works etc. for 250KV DG set and 320 KVA set in various location at JIPMER.	46,82,011/-	31,21,341/-
4	CAPITAL	Providing Retrofit Emission control device along with allied works etc. for 150 KVA DG set at various location at JIPMER	59,62,812/-	39,75,208/-
5	CAPITAL	Providing standby MS pipe line connection from Phase – 1 fire pump room to EMSD fire pump room and providing external year hydrant header pipes/ring mains MS pipe lines at terrace of EMSD along with connected allied works etc., at JIPMER.	77,66,754/-	51,77,836/-
6	CAPITAL	Renovation of residential quarters and replacing of conventional lights and fans with new energy efficient fans and LED light fittings in TYPE I & II & III, TYPE II NEW & OLD quarters. TYPE – F,G,H at JIPMER.	1,24,04,900/-	82,69,933/-
7	CAPITAL	Replacement of damaged cable for connecting new feeder pillar and EB metering panel board in H-type quarters from 17-48 and G Type quarters 49-80.	34,05,950/-	22,70,633/-
8	CAPITAL	Providing of insulation of existing HVAC GI duct and replacement of damaged GI sheet in basement ground, first and second floor of EMSD block at JIPMER	16,84,792/-	11,23,195/-
9	CAPITAL	Providing 125 KWP capacity of solar photo voltaic power generation system on roof top of RCC, phase- III at JIPMER	87,66,745/-	58,44,497/-
10	CAPITAL	Renovation of EMS student cafeteria by providing IEI, A/C, fire alarm panels, detectors, outdoor lighting and outdoor feeder pillar at JIPMER	33,61,161/-	22,40,774/-
11	CAPITAL	Providing of raw sewage disinfection plant with HYPO and fumes scrubbing system at JIPMER	24,92,175/-	16,61,450/-
12	CAPITAL	Providing of additional IEI & other related works for the EMSD Block at JIPMER	47,15,800/-	31,43,867/-
13	CAPITAL	Providing additional firefighting installations i/c yard hydrants, public addressing system, LED fire exit sign boards, emergency LED light fittings PMRC block	44,62,373/-	29,74,915/-

Sl.No	HEAD	Particular	P Estimation	Balance amount paid
14	CAPITAL	Providing centrifugal air curtains and replacement of conventional into LED fittings in food court for auditorium along with connected works for EMSD	21,70,713/-	14,47,142/-
15	CAPITAL	Providing Retrofit Emission control device along with allied works etc. for 200 KV DG sets in various location at JIPMER 2023-24	44,77,341/-	29,84,894/-
16	CAPITAL	Providing Retrofit Emission control device along with allied works etc for 500 KVA DG sets in various locations at JIPMER	1,40,09,500/-	93,39,667/-
17	CAPITAL	Providing of Ductable AC system using factory built ceiling mounted DX type double skin indoor AHUs and outdoor units in ward 21, in patient block, Old hospital at JIPMER	79,69,376/-	53,12,917/-
	TOTAL			**6,22,85,143/-**

Additional Fund Payment Details - CPWD (Civil)

Sl.No	Particular	P Estimation	Balance amount paid
1	Repair works to Non-Residential Building at JIPMER during 2024-25	88,49,300/-	58,99,533/-
2	Annual Running & Maintenance to the residential building at JIPMER during 2024-25. SH: Day to day complaints during the period April 24 to March 2025 at JIPMER.	67,60,000/-	45,06,667/-
3	Annual Running & Maintenance to the external services in non-residential building at JIPMER during 2024-25.	96,84,000/-	64,56,000/-
4	Annual Running & Maintenance to the external services in Non-residential buildings at JIPMER during 2021-22 miscellaneous repairs.	97,57,000/-	2,79,350/-
5	Annual Running & Maintenance of residential building at JIPMER during 2024-25. SH: Periodical painting of internal walls and miscellaneous repair.	1,34,38,000/-	89,58,667/-
6	Annual Running & Maintenance for residential building at JIPMER during 2024-25. SH: Day to day maintenance of residential building and servant quarters.	67,00,000/-	44,66,667/-
7	Annual Running & Maintenance for external services in residential building and hostel at JIPMER during 2024-25.	89,78,000/-	59,85,333/-
8	Annual Running & Maintenance to residential building at JIPMER. SH: Day to day complaints during April 22 to march 23.	58,90,000/-	8,39,811/-
	Total Rs.		**3,73,92,028/-**

Sl.No	Particular	P Estimation	Balance amount paid
1	Construction of retaining wall and storm water drain from nightingale house hostel to International Students Hostel inside the JIPMER.	92,26,000 /-	40,010/-
2	Renovation of Student Canteen near EMS cafeteria at JIPMER.	38,18,600/-	25,45,733/-
3	Annual running and maintenance of swimming pool at JIPMER during the year 2021-22	20,04,000/-	13,36,000/-
4	Construction of retaining wall for remodeling of approach to EMS and Triage Area at JIPMER	87,05,000/-	58,03,333/-
5	Construction of Entrance Porch and Remodeling of approach EMSD Building at JIPMER.	1,95,33,500/-	1,30,22,333/-
6	providing JCB for periodical levelling of compost pit in Horticulture damping yard at JIPMER.	10,84,000/-	7,22,667/-
7	Construction of UPS room for OTS and ICUS behind post operation ward (Female) at JIPMER.	11,22,000/-	7,48,000/-
8	Construction of UPS room of single 5x4, GAS plant room single 6.00 x 4.00m and Toilet Extension at 1st floor level and other miscellaneous works at PMRC Building at JIPMER.	59,42,500/-	39,61,667/-
9	Replacement of old false ceiling board with GI metal false ceiling at EMS basement, Ground Floor, First Floor, Second floor at JIPMER.	61,47,000/-	40,98,000/-
10	Renovation of EMS Building at JIPMER. SH: Providing custom made GI powder coated shutter for shelves and miscellaneous work at JIPMER.	82,04,000/-	54,69,333/-
11	Construction of Temporary Shed for raw sewage disinfection plant at JIPMER.	11,27,000/-	7,51,333/-
	Total Rs.		**3,84,98,409/-**

Sl.No	Particular	P Estimation	Already fund released	Additional amount paid
1	Construction of 150 Bedded Critical Care Hospital Block at JIPMER.	143,01,60,000/-	21,45,24,000/-	**15,00,00,000/-**
2	Construction of 400 Bedded Boys Hostel at JIPMER.	42,26,93,649/-	26,50,20,000/-	**15,76,73,649/-**
3	Construction of 150 Bedded Critical Care Hospital Block at JIPMER.	143,01,60,000/-	36,45,24,000/-	**25,00,00,000/-**

CPWD - Electrical Works

Sl.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
1	CAPITAL	Renovation of Thinkers Park by providing extra power plug points, fire alarm panels, detectors, poles and LED focus lights at JIPMER.	Rs.14,89,228/-	Rs.14,89,228/-

Sl.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
2	CAPITAL	Providing Raw water Disinfection system in underground Sump No.1 and 2 using hypochlorite solution at JIPMER for the year 2024-2025.	Rs.9,80,250/-	Rs.9,80,250/-
3	MAINTENANCE	R & M of 2×250 TR screw chiller plant for hospital block at JIPMER for the year 2024-2025.	Rs.52,79,190/-	Rs.17,59,730/-
4	MAINTENANCE	Annual repair & Maintenance of Kitchen Equipment's in the department of Dietetics at JIPMER for the year 2024-2025.	Rs.9,55,500/-	Rs.9,55,500/-
5	MAINTENANCE	Annual Maintenance, renewal of license, repairing & replacement of accessories for the existing 2 Ton IBR Rated Boiler and 500KG Non IBR Rated Boilers in Laundry Division at JIPMER for the year 2024-2025.	Rs.14,38,500/-	Rs.4,79,500/-
6	MAINTENANCE	R & M of various Electrical & Mechanical installations including Chemical Treatment Plant, Water filtration and Softening Plant, Networking, Humidity/ Temperature/ Pressure control devices, Access control system, CCTV Surveillance system, Building Management system, Public Addressing for Emergency evacuation system, Double Door autoclaves, HV AC System, Validation, Replacement of HEPA filters etc for BSL 2 & BSL 3 Lab (RVRDL) at JIPMER.	Rs.49,62,710/-	Rs.16,54,237/-
7	MAINTENANCE	R & M of Sewage Disposal Plant at JIPMER for the year 2024-2025.	Rs.12,86,950/-	Rs.4,28,983/-
8	MAINTENANCE	R & M of HVAC units at PMRC at JIPMER for the year 2024-2025.	Rs.5,75,400/-	Rs.5,75,400/-
9	MAINTENANCE	R & M of 3×120 TR chiller plant at Central Animal House at JIPMER for the year 2024-2025.	Rs.11,83,260/-	Rs.3,94,420/-
10	MAINTENANCE	R & M of 1×175 TR HVAC plant in New Blood Bank at JIPMER for the year 2024-2025.	Rs.17,10,760/-	Rs.5,70,253/-
11	MAINTENANCE	R & M of water supply (Bore Well & Sump) Pump sets at JIPMER for the year 2024-2025.	Rs.23,94,050/-	Rs.7,98,017/-
12	MAINTENANCE	R & M of 22KV/0.433KV sub stations at JIPMER for the year 2024-2025.	Rs.92,77,700/-	Rs.30,92,567/-
13	MAINTENANCE	R & M of cold storage plants at JIPMER for the year 2024-2025.	Rs.31,30,830/-	Rs.10,43,610/-
14	MAINTENANCE	MOEI & Fans in Residential Quarters, Hostels, Play Ground, Shopping complex, Community Hall, Auditorium including Street Lights in Residential Areas at JIPMER for the year 2024-2025.	Rs.87,14,870/-	Rs.29,04,957/-
15	MAINTENANCE	R & M of 2×200Ts chiller plant in Library Block at JIPMER for the year 2024-2025.	Rs.57,84,180/-	Rs.19,28,060/-
16	MAINTENANCE	R & M of 2×200 TS chiller plant at EMSD, JIPMER for the year 2024-2025.	Rs.20,96,120/-	Rs.6,98,707/-

Sl.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
17	CAPITAL	Providing standby MS pipe line connection from Phase – 1 fire pump room to EMSD fire pump room and providing external year hydrant header pipes/ring mains MS pipe lines at terrace of EMSD along with connected allied works etc., at JIPMER.	Rs.77,66,754/-	Rs.25,88,918/-
18	CAPITAL	Running & Maintenance of assorted makes of UPS systems at various locations including replacement of batteries as and when requited at JIPMER for the year 2024-2025.	Rs.20,64,269/-	Rs.6,88,090/-
19	CAPITAL	Providing comprehensive design consultancy for setting up of Common Effluent Treatment Plant at JIPMER for the year 2023-2024.	Rs.8,36,231/-	Rs.8,36,231/-
20	CAPITAL	Providing "Retrofit Emission Control Device" along with allied works etc., for 160 KVA DG sets various locations at JIPMER.	Rs.59,62,812/-	Rs.19,87,604/-
21	CAPITAL	Providing "Retrofit Emission Control Device" along with allied works etc., for 250 KVA DG set and 320 KVA DG set in various locations at JIPMER.	Rs.46,82,011/-	Rs.15,60,670/-
22	MAINTENANCE	MOEI & Fans College, Hospital, Casualty, Administrative Block, Auditorium and attached ancillary building including providing LED serial light set for the Independence day, Republic day and convocation day celebrations, operation of E&M installations in Auditorium at JIPMER for the year 2024-2025..	Rs.1,18,43,900/-	Rs.39,47,967/-
23	CAPITAL	Replacement of damaged cable for connecting new feder piller and EB metering panel board in H-Type quarters from 17-48 and G Type quarters 49-80 and Replacement of cable from Y pump house to Auditorium power room at JIPMER.	Rs.34,05,950/-	Rs.11,35,317/-
24	CAPITAL	Supply, Installation testing and commissioning for Digital Level Indicator, Digital Display Flow meter and connected allied works for delay tank operation in Nuclear department and other miscellaneous connected allied works etc., at JIPMER.	Rs.17,78,277/-	Rs.5,92,759/-
25	MAINTENANCE	MOEI and fans in residential quarters, hostels, playground, shopping complex, community hall including street lighting in residential area at JIPMER. SH: Day to day maintenance of residential quarters, hostels, community hall and CPWD office i/c street lights in the residential area etc. SH: Supplying of materials to Horticulture office at JIPMER.	Rs.7,21,851/-	Rs.7,21,851/-

Sl.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
26	CAPITAL	Renovation of residential quarters and replacing of conventional lights and fans with new energy efficient fans and LED light fittings in TYPE I & II & III, TYPE II NEW & OLD quarters. TYPE – F,G,H at JIPMER.	Rs.1,24,04,900/-	Rs.41,34,967/-
27	CAPITAL	Replacement of Chilled water cooling coil, outdoor unit, various sizes of copper pipes an necessary cables for panels and outdoor units in OT 1 at JIPMER.	Rs.7,92,885/-	Rs.7,92,885/-
28	CAPITAL	Providing of Insulation on existing HVAC GI duct and replacement of damaged GI sheet in Basement ground, First and second floor of EMSD block at JIPMER.	Rs.16,84,792/-	Rs.5,61,597/-
29	CAPITAL	Providing 125 KWp capacity of Solar Photo Voltaic Power Generation system on roof top of Regional Cancer Center, Phase – III at JIPMER.	Rs.87,66,745/-	Rs.29,22,248/-
30	CAPITAL	Renovation of EMS Student cafeteria by providing Internal Electrical Installations, Air Conditioners, fire alarm panels, detectors, Outdoor Lighting and Outdoor Feeder Pillar at JIPMER.	Rs.33,61,161/-	Rs.11,20,387/-
31	MAINTENANCE	Running and Maintenance of AMF type DG sets including providing of AMC, B-check & C-check services, Revarnishing, HSD, Replacement of batteries as and when required at JIPMER for the year 2024-2025. **(Modified - 1)**	Rs.1,14,41,200/-	Rs.38,13,733/-
32	CAPITAL	Providing of Raw Sewage Disinfection Plant with Hypo and Fumes Scrubbing System at JIPMER.	Rs.24,92,175/-	Rs.8,30,725/-
33		Running & Maintenance of Lifts at JIPMER for the year 2024-2025	Rs.94,86,590/-	Rs.31,62,197/-
34	CAPITAL	Providing of additional Internal Electrical Installations & other related works for the EMSD block at JIPMER.	Rs.47,15,800/-	Rs.15,71,933/-
35	CAPITAL	Providing Retrofit Emission Control Device along with allied works etc., for 500 KVA DG sets in various locations at JIPMER.	Rs.1,40,09,500/-	Rs.46,69,833/-
36	CAPITAL	Providing of Ductable AC system using factory built ceiling mounted DX type double skin indoor AHUs and outdoor units in ward 21, in patient block, Old hospital at JIPMER.	Rs.79,69,376/-	Rs.26,56,459/-
37	MAINTENANCE	MOEI and fans in Residential Quarters, Hostels, Playground, Shopping Complex including street lighting in Residential Area at JIPMER SH: Providing additional power plugs and LED fittings for the newly allotted quarters.	Rs.13,53,158/-	Rs.4,51,052/-

Sl.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
38	MAINTENANCE	Comprehensive Annual Maintenance of 3 Nos 120 TR Bluestar Air cooled chiller – 3 Nos. LCA 1-120×56 H 3 No. 120 TR R 134a based Bluestar make screw chiller in New Animal House (Make: Bluestar)	Rs.37,77,854/-	Rs.12,59,284/-
39	CAPITAL	Providing split type Air Conditioners for Central Lab at JIPMER	Rs.11,79,400/-	Rs.3,93,133/-
40	CAPITAL	Modernization and up-gradation of Regional Cancer Center, Phase – II, at JIPMER. SH: Providing modular operation theatre infrastructure, UPS for Major OTs, emergency LED light fittings, fire extinguishers, LED exit sign boards, emergency evacuation route maps and other allied works.	Rs.1,83,21,000/-	Rs.1,83,21,000/-
41	CAPITAL	Replacement of existing wornout and obsolete HVAC water cooled chiller with new 250TR water cooled chiller in Hospital block at JIPMER	Rs.1,37,15,000/-	Rs.1,37,15,000/-
42	CAPITAL	Replacement of existing wornout and obsolete HVAC chilled water pumpsets, cooling towers and chiller electrical power panel with new ones in the existing HVAC plant in hospital block at JIPMER	Rs.1,59,39,800/-	Rs.1,59,39,800/-
43	CAPITAL	Providing Networking system and water dispenser with allied electrical works for Indoor Stadium at JIPMER.	Rs.30,26,794/-	Rs.30,26,794/-
44	CAPITAL	Providing Port Network switch against enhancement of capacity along with connected allied works for EMSD Block at JIPMER.	Rs.17,40,954/-	Rs.17,40,954/-
45	CAPITAL	Providing raw water disinfection system using hypo chlorination solution at various overhead tanks (Harvey tank, College rank, admin tank and laundry tank) at JIPMER.	Rs.27,94,173/-	Rs.27,94,173/-
46	CAPITAL	Replacement of Non-functioning Air Conditioners in Haemodialysis center at JIPMER.	Rs.5,33,599/-	Rs.5,33,599/-
47	CAPITAL	Providing HT single VCB panel and laying of HT cabling along with connected allied works etc., at various substations at JIPMER.	Rs.67,19,733/-	Rs.44,79,822/-
48	CAPITAL	Providing 500 KVA Transformer along with connected allied works etc., at Auditorium, JIPMER.	Rs.49,94,146/-	Rs.33,29,431/-
49	MAINTENANCE	Outsourcing of all Comprehensive Maintenance of Residential Buildings, & Quarters, Hostels in JIPMER Campus for the 12 Months (2025-2026). SH: “Civil & Electrical Maintenance works relating to day to day maintenance works, Annual repairs & Special repair works and other miscellaneous works”.	2,08,66,724/-	1,04,33,362/-

Sl.No	HEAD	Name of the Work	Estimate Amount	Amount Deposited
50	CAPITAL	Augmentation of 15 TR capacity AHU with related ancillary works for basement Room No.6, EMSD at JIPMER.	Rs.18,41,434/-	Rs.18,41,434/-
51	CAPITAL	Replacement of Non-functioning Air Conditioners in Haemodialysis center at JIPMER.	Rs.5,33,599/-	Rs.5,33,599/-
52	MAINTENANCE	Outsourcing of all Comprehensive Maintenance of Non-Residential Buildings, JIPMER Campus for the year of 2025-2026. SH: "Civil & Electrical Maintenance works relating to day to day maintenance works, Annual repairs & Special repair works and other miscellaneous works".	8,29,76,736/-	4,14,88,368/-

Works Sanctioned to HITES / HLL for 2024-2025

Sl.No.	Name of the Work	Amount(Rs.)
1	December 2023 Additional work	4422673
2	January 2024 Additional work - 80%	1354270
3	February 2024 Additional work - 80%	633860
4	November 2023 Additional work - 20%	339514
5	December 2023 O&M - 20%	3320527
6	January 2024 O&M	8076725
7	February 2024 O&M - 80%	10311155
8	February 2024 O&M - 20%	2577789
9	February 2024 Additional work - 20%	158465
10	March 2024 O&M - 80%	15451964
11	March 2024 O&M - 20%	3862991
12	April 2024 O&M - 80%	13868221
13	April 2024 Additional - 80%	1998484
14	April 2024 Additional - 20%	499621
15	May 2024 Additional	414712
16	May 2024 O&M - 80%	13978919
17	April 2024 O&M - 20%	3467055
18	June 2024 Additional	819269
19	May 2024 O&M - 20%	3494730
20	June 2024 O&M - 80%	20138832
21	July 2024 O&M - 80%	18699386
22	July 2024 Additional - 80%	2772450
23	RAB 77 & Final	7586652
24	January 2024 Additional work - 20%	291545
25	June 2024 O&M - 20%	5034708
26	July 2024 Additional - 20%	693113
27	August 2024 Additional - 80%	1915898

Sl.No.	Name of the Work	Amount(Rs.)
28	July 2024 O&M - 20%	4674847
29	August 2024 O&M	23439147
30	September 2024 O&M - 80%	17139390
31	September 2024 Additional - 80%	7808748
32	October 2024 Additional - 80%	4328308
33	August 2024 Additional - 20%	478973
34	September 2024 O&M - 20%	4284847
35	October 2024 O&M - 80%	20261099
36	September 2024 Additional - 20%	1952182
37	October 2024 Additional - 20%	1082077
38	October 2024 O&M - 20%	5065275
39	November 2024 O&M - 80%	20630006
40	November 2024 Additional	3810542
41	December 2024 Additional - 80%	7609258
42	November 2024 O&M - 20%	5157502
43	December 2024 O&M	26519512
44	December 2024 Additional - 20%	1902314
45	January 2025 O&M	16214174
46	January 2025 Additional - 80%	4793898
48	February 2025 Additional - 80%	2820507
49	March 2025 Additional - 80%	13477814
	Total	339633948

Hospital Services

Office of Medical Superintendent

Hospital Wing, JIPMER

Administrative Hierarchy

Dr. L.N. Dorairajan
Medical Superintendent
Dr. Anita Rustagi
Consultant, Hospital Administration
Dr. Betsy Mathai,
Additional Medical Superintendent

Background Information

The Hospital Office is one of the main services in JIPMER with major activities of the office to provide all the information to the Departments/Ancillary Units and to implement the policy decision taken by the Ministry and other Authorities to issue a circular for compliance as follows:

1. CPWD and HLL Correspondence (Civil/Electrical/ A/C) in Hospital.
2. O.T. Correspondence.
3. Reply to the Public Grievances.
4. Dealt with Patient Benefits Schemes (i) Rashtriya Arogya Nidhi (RAN) (ii) Poor Patient Chest Fund.
5. Matter concerning Amarnath Yatra /Outreach Health Services/Health Camp/Health Mela/.
6. Matters related with H1N1 Swine Flu, etc.
7. Suggested guidelines for sponsoring Nursing Personnel.
8. Constitution of Medical Board (Students/Staff/ Patients).
9. Conduct of Telephone Allotment Committee Meeting for allocation of Telephone Direct line/ Intercom/Intercom with Zero facility connections.
10. Matter concerning to Theft of babies/abandon babies.
11. Matter concerning to Biomedical Waste Management Programme.
12. Grant of Artificial appliances to staff members at free of cost.
13. Matters concerning to Association/Union matters.
14. Conducting of Infection Control Committee.
15. Officiating arrangement to AMS/DMS/Medical Officers and posting of Officer In-Charge of Ancillary Services.
16. Matter concerning to Junior Residents (NPG/PG).
17. Issue of Disability certificate/Medical fitness / Treatment certificates.
18. Matter concerning fumigation of OTs/ICUs/ POWs.
19. Action on Fire Safety.
20. Action on Wellness Programme.
21. Issuing of NOC/NAC

Name of Staff Post(s) and Number(s)

Medical Superintendent Office

Sl. No	Name of the post	Number of posts
1.	Medical Superintendent	1
2.	Consultant, Hospital Administration	1
3.	Additional Medical Superintendent	2
4.	General Duty Medical Officer	10
5.	Personal Secretary to M.S.	1
6.	Data Entry Operator	1

Hospital Office

Sl.No	Name of the post	Number of post
1.	Asst. Administrative Officer	1
2.	Junior Administrative Officer	1
3.	Junior Administrative Assistant	2
4.	MTS	1
5.	Data Entry Operator	1

Hospital Cash Section

Sl.No	Name of the post	Number of posts
1.	Junior Administrative Officer	1
2.	Cashier	2

Service Provided

The Hospital Office is responsible for the general administration of the Hospital and Ancillary Units. The Medical Superintendent is the overall in-charge of Hospital and Ancillary Units. All the activities related to the public/patients is managed by this office under the guidance of the Medical Superintendent, Additional Medical Superintendent.

JIPMER, acronym for Jawaharlal Institute Postgraduate of Medical Education and Research, an Institute of National Importance from the inception has been in the forefront in providing comprehensive health care services to the population of Pondicherry and adjoining north Tamil Nadu districts. The growing attendance of the patients in the OPDs clearly indicates how much the general populaces utilize the services of the JIPMER hospital.

The details of the services carried out by this office are mentioned below:

Patients Benefit Schemes

RashtriyaArogya Nidhi (RAN)

Initially Rashtriya Arogya Nidhi (RAN) was initiated by the concerned Departments of JIPMER after verifying the eligibility criteria and the same was processed manually. On 14.05.2021, MoHFW has implemented the revamped RAN/HMDG Schemes on National Health Authority (NHA)'s IT Platform vide their Office Memorandum No. W.12011/454/2020-RAN, dated 08.05.2021. Some States, like Tamilnadu, Andhra Pradesh, Telangana, West Bengal etc, have not yet been integrated in the Biometric Identification System (BIS) in NHA IT Platform. So we have to send their applications in physical mode to Ministry for the approval.

Poor Patient Chest Fund

Poor patient chest fund is being operated in our Hospital for giving financial assistance to the poor patients for treatment in JIPMER Hospital. Accordingly, a sum of **Rs. 1,12,791/- (Rupees One lakh twelve thousand seven hundred and ninety one only**) has been utilized under the scheme during the financial years **2023-2024.** The beneficiaries were **48 patients** from various departments.

Jipmer Outreach Health Services Camps – Karaikal District

- JIPMER is conducting Outreach Health Services Camp in Karaikal district for the past 13 years. The camps were conducted twice every month on second and fourth Saturdays. The Doctors from various Super Speciality Departments are visiting Karaikal for the benefits of patients at Karaikal District.
- Two cycles in order were conducted successfully as on September 2023. The current cycle has started in **July-2025** and is scheduled upto **January -2026**.
- Each camp was conducted by a team comprising Specialist Doctor from concerned department, Nursing Personnel, Pharmacist and other supporting staff.
- Around 40 to 50 patients from Karaikal District are benefiting in each camp.

Control Room, JIPMER

The control room was started in JIPMER for matters related to administrative issues in patient care during working hours. The room has designated phone numbers and the duty officer will also liaison with the Office of the Lieutenant Governor of Puducherry, Office of Chief Minister Puducherry, Office of the MP's and MLA's of Puducherry.

Fire Plan at Jipmer

In order to ensure prevention, minimizing of risks associated with fire with respect to human life, properties, equipments in the JIPMER Hospital, the **JIPMER Hospital Fire Safety Plan Policies and Procedures** have been framed for information, compliance of all Faculties, Residents, Students, Staff members and all others concerned. As per the same, prevention of fire is the job of everyone which has to be carried out in **a blame free culture & environment**. A Fire Safety and Preparedness Committee have also been constituted for this purpose. Further, the old Fire Extinguishers have been replaced by new fire extinguishers ABC type (portable). A Fire Orientation Programme for JIPMER Hospital Staff, Students, Residents and Administrative Staff etc. was conducted and Re-orientation Programme and mock drill had been conducted to each Block of the Hospital/Institute. The Standard Operating Procedure and Guidelines (SOP) had been prepared to each Block for evacuation of patients in case of fire occurring in the Wards/Units/Sections. Intercom No.6999 has been dedicated to intimate immediately and the hospital authorities alerted and the local Fire Station Department (Tel No.0413-2272913) should alerted by the Fire Safety Officer.

Fire Safety Officer and Deputy Fire Safety Officer have been appointed in JIPMER Hospital to take necessary steps as per Fire Safety Policy, Plans & procedures to prevent and minimize risks associated with fire. Further, the Nodal Officers also have been appointed in various Departments / Sections / Units and these officers have been trained by the Fire Service Department to take necessary steps to make Hospitals free from fire hazards and to assess preparedness of the Hospital to handle any such emergencies. Fire Orientation Programmeand Mock Drill have been conducted for the staff of JIPMER.

Updating Costly Equipments More Than One Lakh

As per the directions Hon'ble CIC, the details of the data relating equipment's of patient care costing above Rs. One lakh purchased on or after 1st April, 2007 of this Institute have been identified department wise and the same has been filled in format and displayed on the website www.jipmer.edu.in/www.jipmer.edu (Home page: List of costly equipment) of this Institute. A Nodal Officer has been appointed for updating the data in the website of this Institute.

The four numbers of sign boards in English, Hindi and Tamil (local language) have been kept in the premises mentioning that details of procurement and maintenance of equipment.

Wellness Programme at JIPMER

To create a "STRONG JIPMER", the Employees Health Promotion Programme has been launched on 5th September, 2012 as "Employee Wellness Checks". In this Programme, the staff is requested to attend in Staff Clinic for thorough prevention check up on their birthdays or any day in that week/month. Evaluation from wellness check will stratify individual employee's risk, such that a group screening/surveillance Programme will follow eg. Cancer, Diabetes, Cardiac, Obesity etc. Information of these group screening and campus wide activities such as walkathon, marathon etc.

The New Services started in JIPMER from April -24 to March 25 is mentioned below

1. JIPMER has initiated the BHISHM Cube (Bharat Health Initiative for Sahyog Hita & Maitri , a mobile emergency Medical Unit designed to provide swift and comprehensive care during natural and man-made disasters. e BHISHM Cube was officially launched on **18.06.2025**
2. JIPMER, Puducherry, has achieved a significant milestone in implementing the Ex-Servicemen Contributory Health Scheme (ECHS), which came into effect on 9th April 2025. This landmark agreement represents a crucial step forward in enhancing healthcare services for ex-servicemen, veterans, and their dependents, covering over 10,000 families across Puducherry, Cuddalore, Villupuram, and Thiruvannamalai. This achievement underscores JIPMER's unwavering commitment to supporting the health and well-being of those who have served the nation.

Department of Medical Records

Staff Architecture

Dr. Anita Rustagi, Administrative Consultant

Dr. Betsy Mathai, Additional Medical Superintendent

Dr. K. P. Singaravelu, Chief Medical Officer and Officer In-charge

Background Information of MRD

In JIPMER Hospital, Medical Records Department has been introduced since its inception, i.e. on 3rd April 1966. This Medical Records Department is a Centralized System for preserving the Medical Records of Outpatient and Inpatient; using the Unit Numbering System, a unique number is assigned to a new patient, called the Hospital Number. This number especially for their subsequent visits.

Current Staff Architecture

[Statistician cum Demonstrator – 02], [Medical Records Supervisor – 04], [Medical Records Technician – 27], [Medical Records Clerk – 28], [Multi Tasking Staff – 05], [Data Entry Operator – 06], [Contract Staff (DRL 19 + Krystal 04 + Zybex 02) – 25].

Services Provided

Hospital Statistics from April 2024 to March 2025 (Sanctioned Bed Strength is 2210)

Particulars	Total	Daily Average
Total OPD Attendance	1409940	4747 (No. of working days 297)
Total Admissions	81942	224
Total Discharges (including death)	81575	223
Occupied IP-Census	569027	1556
Bed Occupancy Rate (in %)	85.2%	-
Total Deliveries	9590	26
Total Investigations	8578421	23503
Total Operations Performed	44815	123
Total Deaths	3315	9
Gross Death Rate	4.06%	-

Particulars	Total	Daily Average
Functional Bed Strength	1828	-

Central Admission Office cum Reception (EMS)

Round the Clock Duty in three Shifts

Outpatient Services

There are nearly 5000 patients who visit JIPMER everyday to nearly 34 specialties and more than 105 Special Clinics.

In-Patient Services (Round the Clock Duty in three Shifts)

The Admission Room is functioning round the clock. All the admissions are registered for 1828 functional beds in 24×7. IP Discharged records are preserved in the form of scanned and digitized as well as normal physical records for three years and Deaths and MLC records preserved for 10 years of physical records and also with digitized records since 2002 as per Ministry of Health Family Welfare (Central Govt.) Retention Policy. The Statistics and case records are provided to the doctors and students for research purpose.

Medical Care Review Meeting

Medical Care Review meeting is conducted on 1st working Monday of every month under the Chairmanship of the Medical Superintendent.

Education and Training Program

Apart from the patient care services, this department has conducted training courses like Medical Record Technician (Trained-780), Medical Record Officer (Trained-172) till now and Bachelor of Medical Record Science since 1980 to 2005 (Trained-74).

HIS

Except for Birth Register, Medico Legal Form and Treatment Certificate all other MRD workflow switched over to software based in Hospital Information System.

Insurance Wing

Introduction

Insurance wing at JIPMER functions for the benefit of patient to avail free treatment under the AB-PMJAY/ CMCHIS-PMJAY/NLC/CGHS Scheme. The aim of Insurance wing functioning at JIPMER is to reach out to the eligible and needy families to prevent, out of pocket expenditure.

Staff Architecture

Officer-In-Charge: Dr. Savitha Shekar, Senior Medical Officer.

Sl. No.	Designation	No. of staff
1	Senior Medical Officer	1
2	Senior Administrative Assistant	1
3	Administrative Operator-Outsourced GeM	1
4	Supervisor - Outsourced GeM	5
5	Audit Clerk - Outsourced GeM	3
6	Computer Operator - Outsourced GeM	34
Total		**45**

The Insurance wing serves round the clock for the benefit of patients under the scheme in the ground floor of SSB block.

Facilities / Services Offered

Four schemes are currently functioning in JIPMER.

1. Ayushman Bharat Pradhan Manti Jan Arogya Yojana scheme (AB-PMJAY) is a centrally sponsored scheme launched in 2018, under the Ayushman Bharat Mission of MoHFW in India. The scheme aims at making interventions in primary, secondary and tertiary care systems, covering both preventive and promotive health. Ayushman Bharat-National Health Protection Scheme, covers over 10 crore poor and vulnerable families and provides coverage up to 5 lakh rupees.
2. Tamilnadu Chief Minister Comprehensive Health Insurance Scheme (TNCMCHIS) launched by Tamilnadu State Government has been integrated with AB-PMJAY in year -2019 and operational in JIPMER from April-2013. This scheme is for people of Tamil Nadu whose annual family income is less than Rs.1,20,000/-
3. Central Government Health Scheme (CGHS) is providing comprehensive medical care to the CGHS

pensioners and other beneficiaries entitled for cashless treatment like ex-MPs, ex- Governors, former Judges of Supreme Court of India, former Judges of High Courts, Freedom Fighters, etc., holding a Valid CGHS Card are eligible for cashless treatment at JIPMER since June 2023.

4. Neyveli Lignite Corporation Limited (NLC) MoU has been made with JIPMER in the year -2016 for providing medical facilities to the NLC employees.

Insurance wing is functioning in JIPMER since 2013 under the Medical Superintendent Office. A total of **17,630** patients in JIPMER have benefited in this financial year 2024-2025.

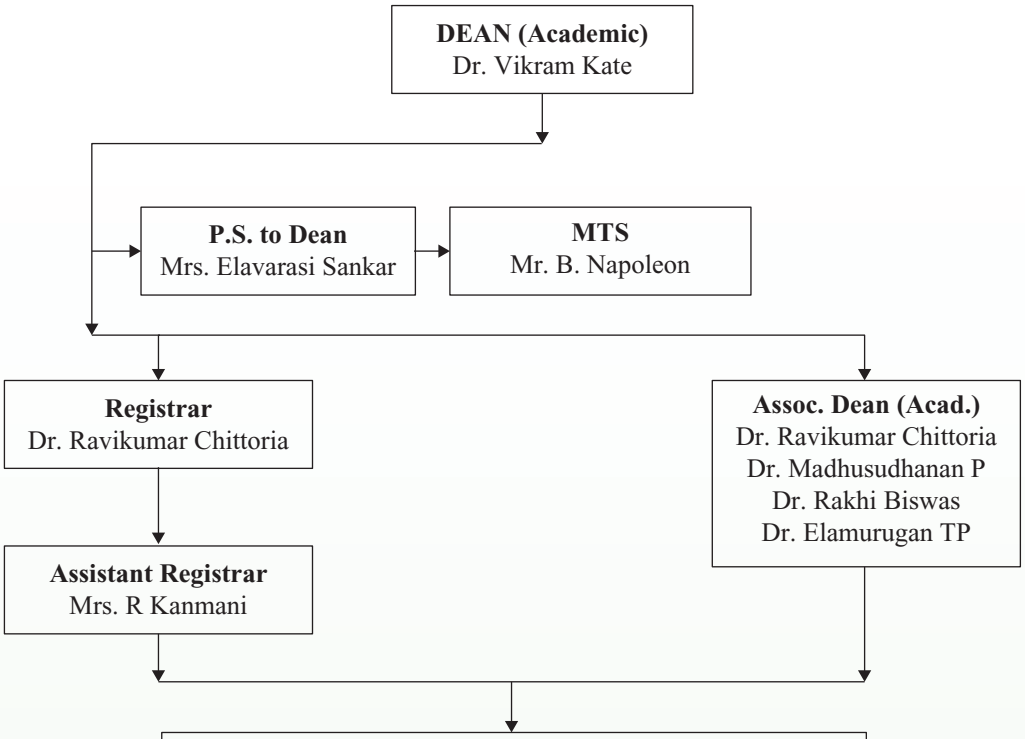
Patients treated under various schemes departments wise is listed below

Department	No. of patient treated under TNCMCHIS (April 2024- March 2025)	No. of patient treated under ABPMJAY (April 2024- March 2025)	No. of patient treated under CGHS (April 2024- March 2025)	No. of patient treated under NLC (April 2024-March 2025)
Cardiology	929	480	1	-
CTVS	239	188	-	-
Dental	30	11	-	-
Dermatology	9	-	-	1
Endocrinology	225	6	-	-
ENT	158	50	-	-
Surgery 217		417	5	-
Obstetrics & Gynecology	26	261	-	1
Clinical Immunology	15	61	1	-
Medicine	151	223	7	1
Medical Gastroenterology	320	25	-	-
Medical Oncology	1966	1278	14	8
Neonatology	33	239		-
Nephrology	898	5018	6	-
Neurology	16	47	1	-
Neurosurgery	187	208	1	-
Ophthalmology	131	151	2	-
Orthopedics	255	349	4	-
Paediatrics Surgery	19	1	-	-
Paediatrics	291	106	-	1
Plastic surgery	36	76	-	-
Pulmonary Medicine	96	43	2	-
Radiation Oncology	982	394	8	-
Surgical Gastroenterology	48	101	3	-
Surgical Oncology	146	72	1	-
Urology	144	96	-	-
Psychiatry	-	1	-	-
Nuclear Medicine	-	88	5	-
TOTAL	**7567**	**9990**	**61**	**12**

JIPMER Academic Section

Academic Section

Staff Architecture



Mr. G Seshathiri	-	Junior Administrative Officer
Mr. V M. Karthikyan	-	Sr. Administrative Assistant
Mr. M Selvamani	-	Sr. Administrative Assistant
Mrs. Kavitha P	-	Sr. Administrative Assistant
Mr. Mohamed Sufiyan N	-	Sr. Administrative Assistant
Mr. Sivalinga Prasad C	-	Sr. Administrative Assistant
Mr. Gogneni Pavan Kumar	-	Jr. Administrative Assistant
Mr. K. Karthick	-	Jr. Administrative Assistant
Mr. Avvaru Ashok Kumar	-	Jr. Administrative Assistant
Mr. S. Saravanan	-	MTS
Mr. K Brabagaran	-	DEO
Mrs. A. Sharmila Devi	-	DEO
Ms. Criste Gineta Fernanda	-	DEO

Annual Report for the Year April 2024 to March 2025

Function Overview

Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), with a deep commitment to excel in areas of medical education, patient care and research, has its academic atmosphere nurtured, disciplined, and promoted by the Dean(A) and his team under the expert guidance of the Standing Academic Committee.

Academic Section executes admission and certification formalities, it integrates curricular planning, teaching – learning activities and relevant research for timely transfer to patient's needs. The Section supervises and ensures strict adherence to curriculum in all the courses. The notification, conduct of Entrance Examinations at All India level and allotment of seats in various courses as per statutory norms are a 'round – the year' responsibility of the Academic Section.

Undergraduate Education

M.B.B.S. (Bachelor of Medicine, Bachelor of Surgery)

Admission to first year MBBS course was done (182 seats for JIPMER Puducherry Campus and 61 seats for JIPMER Karaikal Campus) based on National Entrance Eligibility Test (NEET) merit score. The counselling for admission to MBBS course in JIPMER Puducherry and Karaikal Campuses were conducted by the Medical Counselling Committee (MCC), Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India based on NTA NEET 2023 All India Scores. The category wise students admitted to MBBS Course at Puducherry and Karaikal campuses is detailed below.

Campus	UR	EWS	OBC	SC	ST	PUR	PEWS	POBC	PSC	PwD OPH	Total
JIPMER Puducherry	53	14	35	20	10	19	05	13	11	02	182
JIPMER Karaikal	16	05	14	07	03	06	01	04	04	01	61
Total											**243**

Superspecialty and Postgraduate Medical Courses

Admission to the Postgraduate (M.D./ M.S.), Super Specialty (D.M./M.Ch.) PDF, PDCC Course, based on Entrance Examination conducted by INICET 2024.

During the Academic year 2024-25 (July 2024 & January 2025 Sessions) the following number of candidates were admitted to the MD, MS, DM, M. Ch, Courses.

Doctor of Medicine (MD) Courses

S. No.	Name of the Course	Admitted in July 2024	Admitted in January 2025
1.	Anesthesiology	07	15
2.	Anatomy	03	02
3.	Biochemistry	02	02
4.	Community Medicine	05	03
5.	Dermatology	03	04
6.	Emergency Medicine	05	06
7.	Forensic Medicine	01	02
8.	General Medicine	12	12
9.	Immuno Heamatology	01	01
10.	Microbiology	04	04
11.	Nuclear Medicine	02	01
12.	Paediatrics	11	11
13.	Pathology	01	07
14.	Pharmacology	06	03
15.	Physical Medicine and Rehabilitation	00	00
16.	Physiology	04	03
17.	Psychiatry	02	02
18.	Pulmonary Medicine	04	03
19.	Radio diagnosis	07	06
20.	Radiation Oncology	06	03
21.	MDS in Orthodontics and Dental facial Orthopedics	01	00
22.	MDS in Oral and Maxillofacial Surgery	01	00

Master of Surgery (MS) Courses

S. No.	Name of the Course	Admitted in July 2024	Admitted in January 2025
1.	General Surgery	11	12
2.	Obstetrics & Gynaecology	09	14
3.	Ophthalmology	02	06
4.	Orthopedics	04	05
5.	Oto Rhino Laryngology	03	05
6.	Paediatric Surgery	01	01
7.	Neuro Surgery	01	01

DM/M.CH./PDF/PDCC/PH.D Courses

Year	DM	M.Ch.	PDF	PDCC	Ph. D
2024-2025	32 (1 resigned)	21	03	04	1

DM

Sl. No.	Name of the Course	Admitted in July 2024	Admitted in January 2025
1.	Critical Care	0	2
2.	Neuro Anaesthesia	1	1
3.	Cardiac Anaesthesia	0	0
4.	Cardiology	0	4
5.	Clinical Immunology	0	2
6.	Neonatology	0	3
7.	Neurology	1	2
8.	Nephrology	1 (Resigned on 26.11.2024)	2
9.	Medical Oncology	0	3
10.	Endocrinology	0	2
11.	Medical Gastroenterology	1	3
12.	Paediatric Critical Care	0	2
13.	Neuroimaging & Interventions	0	1
14.	Clinical Pharmacology	0	1

M.Ch.

Sl. No.	Name of the Course	Admitted in July 2024	Admitted in January 2025
1.	CTVS	2	0
2.	Neurosurgery	0	3
3.	Plastic Surgery	0	3
4.	Pediatric Surgery	1	0
5.	Surgical Gastroenterology	0	3
6.	Surgical Oncology	0	2
7.	Urology	2	4
8.	Gynaecology Oncology	0	1

PDF

Sl. No.	Name of the Course	Admitted in July 2024	Admitted in January 2025
1.	Cardiac Electrophysiology and Pacing	1	0
2.	Hepato Pancreatic biliary Surgery	0	0
3.	Gynaecology Oncology (discontinued from July 2024)	0	0
4.	Hospital Infection Control	1	0
5.	Comprehensive Epilepsy Care	0	0
6.	Obstetrics Medicine	0	0
7.	Infectious Disease	0	0
8.	Glaucoma	1	0
9.	Interventional Cardiology (Started from July 2024)	0	0
10.	Head & Neck Radiation Oncology (Started from July 2024)	0	0
11.	Pelvic Radiation Oncology (Started from July 2024)	0	0

Sl. No.	Name of the Course	Admitted in July 2024	Admitted in January 2025
12.	Fetal Medicine (Started from July 2024)	0	0
13.	Paediatric Nephrology (Started from July 2024)	0	0

PDCC

Sl. No.	Name of the Course	Admitted in July 2024	Admitted in January 2025
1.	Apheresis	0	0
2.	Paediatric Dermatology	1	0
3.	Lasers and Dermatosurgery	0	0
4.	Hemato Pathology	1	0
5.	Child and Adolescent Psychiatry	1	0
6.	Advanced Imaging	0	0
7.	Nephro Pathology	1	0

Nursing Courses

During the academic year 2024-25, 31 students were admitted to M.Sc. Nursing Course in 5 Disciplines based on Entrance Examination. In B.Sc. Nursing 94 students were admitted based on National Entrance Eligibility Test (NEET-UG 2024) merit score. The counselling for admission to B.Sc. Courses conducted by JIPMER Puducherry based on National Entrance Eligibility Test (NEET-UG 2024) merit score. The B.Sc. (Ng) course is 4 years' duration with 1-year optional stipendiary internship at JIPMER on completion of the course. The course comprises the study of Nursing Principles, Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Psychology, Sociology, Management, Education, English, Research Biostatistics, Medical and Surgical Nursing, Child Health Nursing, Maternity Nursing, Mental Health Nursing, Community Health Nursing and Midwifery.

During the Academic year 2024-25 the following number of candidates were admitted in M.Sc. (Nursing) Courses.

Sl. No.	Name of the Courses	Intake Capacity	Students Admitted in 2024-25
M.Sc. Nursing			
1	Child Health (Pediatric) Nursing	5	5
2	Community Health Nursing	5	5
3	**Medical Surgical Nursing**		
3.a	Medical- Surgical Nursing (Critical Care Nursing)	5	5
3.b	Medical -Surgical Nursing (Cardiovascular and Thoracic Nursing)	3	3
3.c	Medical -Surgical Nursing (Nephro and Urology Nursing)	3	3
4	Mental Health (Psychiatric) Nursing	5	5
5	Obstetrics & Gynecological Nursing	5	5

During the Academic year 2024-25, the following number of candidates were admitted in M.Sc. (AHS) Courses.

Sl. No.	Name of the Courses	Intake Capacity	Students Admitted in 2024-25
M.Sc. AHS & MPH Courses			
1	M.Sc. Medical Biochemistry	4	4
2	M.Sc. MLT-Microbiology	5	5
3	M.Sc. MLT-Pathology	5	5
4	M.Sc. Medical Physiology	5	2
5	M.Sc. Biostatistics	2	2
6	M.Sc. Neuro Technology	2	Nil
7	MPH (Master of Public Health)	34 (15 Sponsored)	19 (**02 Discontinued** and **Nil Sponsored**)

Sl. No.	Name of the Courses	Intake Capacity	Students Admitted in 2024-25
8	PG Diploma in Genetic Counseling	10	Nil
9	Postgraduate Fellowship in Family Planning	02	Nil

B.Sc. Allied Health Sciences Courses / Bachelor of Medical Laboratory Sciences

B.Sc. (Allied Health Sciences) Courses offered in the 10 disciplines of Perfusion Technology, Dialysis Therapy Technology, Radiotherapy Technology, Neuro Technology, Cardiac Laboratory Technology, Nuclear Medicine Technology, Anesthesia Technology, MLT in Blood Banking, Bachelor of Optometry, and Medical Radiology and Imaging Technology.

Bachelor of Medical Laboratory Sciences (BMLS) course is 4 years' duration with an annual intake of 37 students per year. During the Academic year 2024-25 total 87 students were admitted.

Sl. No.	Name of the Courses	Intake Capacity	Students Admitted in 2024-25
B.Sc. (Nursing)		94	94
B.Sc. (Allied Health Sciences) Courses		87	87
1	Bachelor of Medical Laboratory Sciences (BMLS)	37	37
2	B.Sc. Anesthesia Technology	5	5
3	B.Sc. MLT in Blood Banking	5	5
4	B.Sc. Cardiac Laboratory Technology	5	5
5	B.Sc. Dialysis Therapy Technology	5	5
6	B.Sc. Medical Radiology and Imaging Technology.	5	5
7	B.Sc. Neuro Technology	5	5
8	B.Sc. Nuclear Medicine Technology	5	5
10	Bachelor of Optometry (B.Opto.)	5	5
11	B.Sc. Perfusion Technology	5	5
12	B.Sc. Radiotherapy Technology	5	5
Certificate Courses			
Emergency Medical Technician Course		20	10
Qualified Mortuary Assistant		2	Nil
Enterostomal Therapy		08	Nil
Phlebotomy		08	Nil

M.R.T. (Medical Record Technician)

19 Government/Private Trainees nominated & sponsored by CBHI, New Delhi from various Institutions are imparted training in the department of Medical Records of this Institute for a period of 6 months. Examination is conducted at the end of the course certificates were issued by CBHI, New Delhi.

M.R.O. (Medical Records Officer)

5 Government/Private Trainees nominated & sponsored by CBHI, New Delhi from various institutions are imparted training in the department of Medical Records of this Institute for a period of 12 months. Examination is conducted at end of the course certificates were issued by CBHI, New Delhi.

New Courses Started During this Academic Year

1	PDF Interventional Cardiology (Started from July 2024)
2	PDF Head & Neck Radiation Oncology (Started from July 2024)
3	PDF Pelvic Radiation Oncology (Started from July 2024)
4	PDF Fetal Medicine (Started from July 2024)
5	PDF Paediatric Nephrology (Started from July 2024)
6	MCh Gynaecological Oncology

Examination Wing

Staff Architecture

DEAN (Academic)
Dr. VIKRAM KATE

Professor (Examinations)
Dr. GLADWIN

Controller of Examinations
Dr. RAKHI BISWAS

Introduction

Mission - to offer high quality examination services to ensure transparency in all its activities that adequately support all students.

The Examination Wing, Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), with a deep commitment to maintain standard of medical education through its quality of setting question papers and selection of experts in various specialties and to maintain secrecy in conduct of professional examinations - theory and practical throughout the year from time to time for various courses run by the Institute. The Examination Wing devise the detailed procedure for an efficient, transparent, and fair evaluation of students including coordination of activities relating to conduct of examinations.

Setting of Question Papers: Setting of question paper is developed in such a way that it ensures that each question addresses one or more course objective mapped with the student learning outcomes.

Duration of Examination: A question paper for theory examinations of a course of any program is of 2 or 3 hours duration, depending upon the course, with maximum marks 100/80/50 as applicable.

Format of Question Paper: The question papers for the End Semester Examinations shall be set in such a manner as to ensure that they cover the entire syllabus as per the weightage of the modules of the concerned course. Question Paper has 1/2 sections.

Vetting of Question Papers: The Vetting Committee ensures that question papers are strictly in accordance with the guidelines for setting of question papers, remove ambiguity in the language of questions, if any; proper coverage of course contents and indicate weightage/ marks for each question or part/parts thereof, time prescribed, display of instructions and to correct errors, if any and moderate/reframe the questions so as to give opportunities to students of varying abilities.

Preparation and Notification of Examination Schedule: Examination Department prepares the Examination schedule and publishes for students and HoDs.

Appointment of Examiners / Observer / Superintendents for Examinations: Appointment of examiners, coordinator and Superintendents to conduct and supervise its examinations held or to be held. Observers were appointed to visit different examination centers as per allotment during the course of examination and check that the examinations are being conducted properly according to the Regulations. Any discrepancy and deviation during examination are reported by observers to Dean (Academic).

Admit Card: No student is permitted to appear in the examination without valid Admit Card issued by the Examination Department. In case of loss of Admit Card, duplicate Admit Cards are issued only by the Examination Department as per norms of the University.

Conduct of Examinations: Examination Department conducted following examinations during academic session 2024 – 2025 for JIPMER Puducherry and JIPMER Karaikal campus:

Details of Exam Conducted including Practical - April 2024 to March 2025

Sl. No.	Month & Year	Examination Conducted for	Number of students		
			Appeared	Passed	Failed
1	Apr. 2024	MBBS Phase III	234	231	03
2	Jun. 2024	Final Year Part I MBBS Supplementary	15	15	0
3	Jun. 2024	D.M	03	03	0
4	Jun. 2024	BSc. MLT VI Semester	02	02	0
5	Jun. 2024	PDCC & PDF	12	12	0
6	Jun. 2024	MRT	15	11	04

Sl. No.	Month & Year	Examination Conducted for	Number of students		
			Appeared	Passed	Failed
7	Jul. 2024	MD, MS, and MDS	116	114	02
8	Jul. 2024	MBBS Phase II	240	210	30
9	Jul. 2024	Final MBBS Part II	45	32	13
10	Aug. 2024	MBBS Phase II Supplementary	30	25	05
11	Aug. 2024	MSc. Nursing Second Year	28	28	0
12	Aug. 2024	Final Year MSc. & MSc. MLT courses	20	20	0
13	Aug. 2024	MPH Part II (Final Year)	18	18	0
14	Aug. 2024	BSc. Nursing Phase I	88	85	03
15	Aug. 2024	MSc. First year courses	18	18	0
16	Aug. 2024	MPH Part I (first year)	18	18	0
17	Aug. 2024	MSc. Second year courses	06	06	0
18	Sep. 2024	MBBS Phase I	240	226	14
19	Oct. 2024	MSc. Nursing First year	29	27	02
20	Oct. 2024	BMLS Phase I	38	38	0
21	Oct. 2024	BSc. Nursing First year (arrears)	08	06	02
22	Oct. 2024	BSc. AHS Phase I	57	50	07
23	Nov. 2024	MBBS Phase I Supplementary	17	14	03
24	Nov. 2024	D.M and MCh.	33	33	0
25	Nov. 2024	M.D and M.S	94	91	03
26	Dec. 2024	BSc. AHS Phase I Supplementary	08	08	0
27	Dec. 2024	MBBS Final Year Part I (arrears)	03	03	0
28	Dec. 2024	BSc. Nursing IV Year	86	84	02
29	Dec. 2024	MRO	12	10	0
30	Jan. 2025	MBBS Final Year Part II (arrears)	24	17	07
31	Jan. 2025	BSc. Nursing Second Year	82	76	06
32	Jan. 2025	MBBS Second year (arrears)	03	01	02
32	Jan. 2025	BSc. Nursing Fourth Year (arrears)	04	04	0
33	Jan. 2025	BMLS Phase II	10	29	01
34	Jan. 2025	BSc. AHS Phase II	26	25	01
35	Feb. 2025	BSc. Nursing Second Year Supplementary	06	06	0
36	Feb. 2025	MSc. Nursing First year Supplementary	04	02	02
37	Feb. 2025	BSc. Nursing Third year	89	89	0
38	Mar. 2025	BSc. AHS Phase III	39	39	0
39	Mar. 2025	BMLS Phase II (arrears)	02	02	0

JIPMER 2024–25 in Pictures

New Services/Augmentation of Existing Services



Inauguration of New Pharmacy



Inauguration of Renovated Infectious Disease ward


JIPMER WOMEN & CHILDREN HOSPITAL

Dean (Research) Report

JIPMER Research Mission

1. To utilize the intellectual, scientific, and administrative resources of JIPMER for the generation and dissemination of new knowledge
2. To understand the basis of various diseases and improve diagnostic and therapeutic modalities.

Goals

a. Improving the standard of research in JIPMER
b. Increasing the number of extramurally funded projects
c. Introducing the administrative changes/reforms related to research
d. Creating a researcher friendly environment
e. Improving the research publication status of JIPMER

Dean (Research)

- Dr. DM Thappa

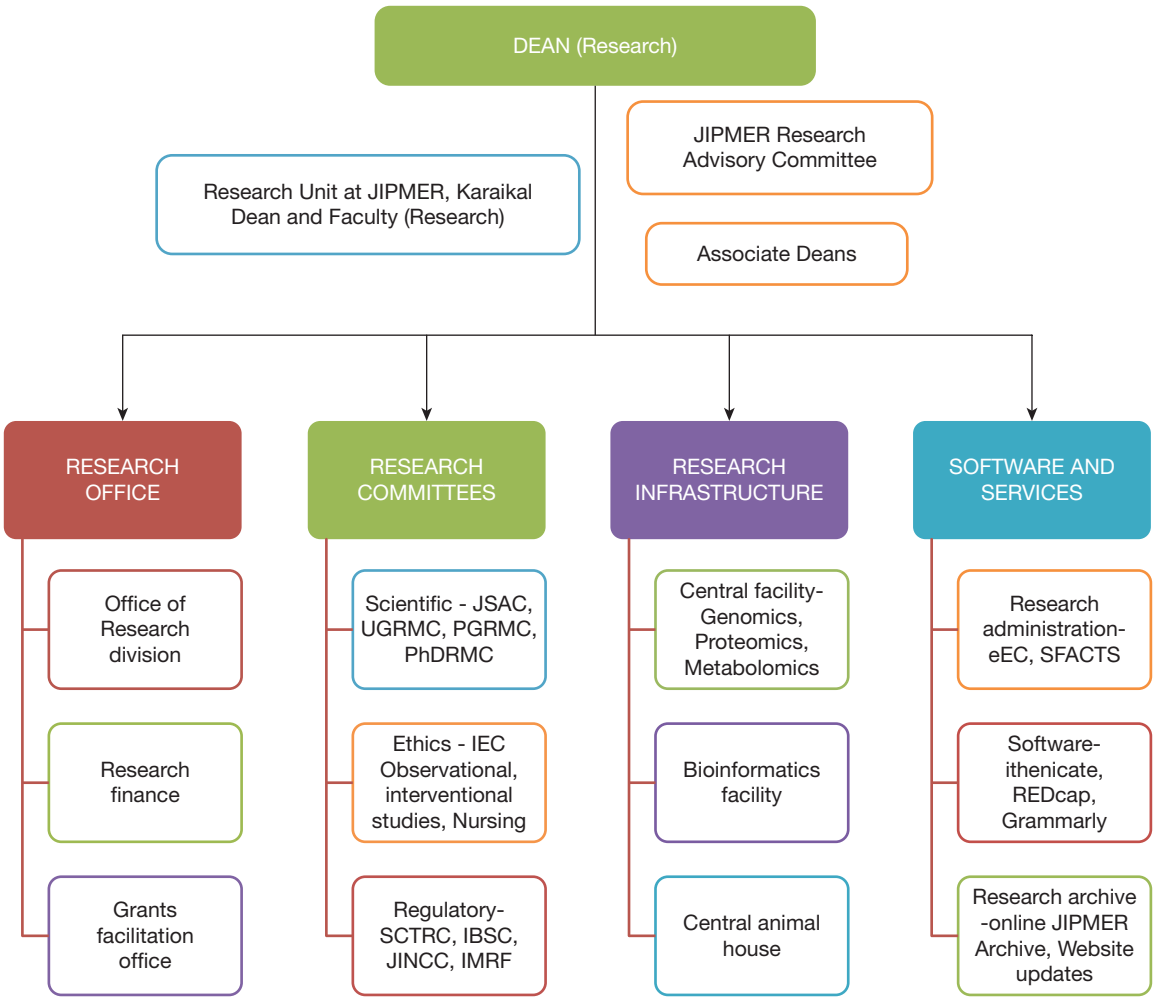
Associate Deans (Research)

- Dr. Nishad Plakkal
- Dr. Subitha L
- Dr. Prasanth Ganesan
- Dr. Vikas Menon

Activities of the Research Division

1. Management of Committees related to Research.
2. Organising research-related workshops
3. Organizing annual research activities
   a. Research day
   b. Connaissance
   c. Research course (JACRM)
4. Administration of PhD courses (Admission, course, and examination, including fellowship)
5. Administration of PG Dissertation & thesis online archive
6. Administration of Research related software
   a. Grammarly
   b. Research grants management (SFacts)
   c. Plagiarism checking (Ithenticate)
7. Administration of TNMC credit points
8. Administration of Intramural and Extramural funding

Organisation of the Division of Research



Staff Architecture

Office of the Dean (research), JIPMER

Sl. No	Name & Designation	Duties and Responsibilities
1	Mrs. P. Vijayalakshmi. Assistant Adm. Officer	Overall section-in-Charge
2	Mr. S. Saravana Kumar	PS to Dean (Research)
3	Mr. John Peter J, SAA	1. IEC (Observational Studies) 2. JRAC 3. Ph.D. Admission Committee 4. IBSC 5. Donation Committee 6. PDF, Research Assistant & Associate record maintenance 7. TNMC 8. Research related MOU

Sl. No	Name & Designation	Duties and Responsibilities
4	Mr. A. Ganesa Karthik, DEO	1. Intramural Research Fund: 2. LRA 3. TA/DA for Ph.D. 4. Dealing with Imprest money 5. Issuing No Due certificates for faculty's / PG's/UGs 6. Dealing with DSIR committee. 7. Administrative support for SFACT software
5	Mr. K. Palappa, SAA	1. Ph.D. RMC 2. Patent Filing Work 3. Handling Ph.D. Scholars works 4. Ph.D. scrutiny committee 5. Ph.D. thesis soft copy uploading in Online JIPMER Archive
6	Mr. Komalashankaran, SAA	1. Institutional Ethics Committee – Interventional Studies 2. JIPMER Scientific Advisory Committee (JSAC) 3. Serious Adverse Event committee meeting
7	Mr. Ashok Kumar, MTS	1. Non research related MoUs 2. PGRMC 3. PG Dissertation book 4. Telephone/Newspaper/Xerox bill settlement. 5. Section tapal receiving and entering and dispatch. 6. All the dissertation soft copy of MD/MS/DM/M.Ch/MPH/ MSc uploading in Online JIPMER Archive. 7. SCTRC
8	Mr. V. Balamourougane, JAO	• Ph.D. Stipend, leave maintains, progress reports. • IDP Committee: • SCTRC Committee: • Issuing No-Dues for MD/MS/DM/MPH/MCH/ Dispatch works of all dealing assistant in the office.
9	Mr. S. Yuvaraja, Manager (Research Projects)	1. Attend and compile minutes of IEC meetings. 2. Issuing of IEC Certificates. 3. To co-ordinate with other committees – SCTRC, MOU, JSAC, IBSC, IAEC etc. 4. To co-ordinate with conduct of CME, Workshops, Seminar 5. Coordinating JIPMER Research Day with different committees. 6. Annual report preparation 7. Compiling research outputs - list of publications and grants received and sending weekly report to Ministry. 8. Preparation and monthly revision of website content from Research Division 9. Assisting the Assoc. Dean (Research) by Coordinating capacity building programs conducted throughout year. 10. Registration renewals of committees eg. IEC (observational), IEC (Interventional), IEC (Nursing) 11. DSIR certificate renewal 12. Administering Biorrap ID & eRA Commons

Sl. No	Name & Designation	Duties and Responsibilities
		13. Assist in designing workflow of Research Project Management system software (RPMS) 14. Any other work assigned by the Dean (Research)
10	Mr. A. Agilan, Sybex Staff	• Assist to Intramural Grants Work • Assist IEC Observational & Interventional certificate work.
11	Ms. V. Parameswari, Krystal Staff	• ICSCR • Extramural projects
FINANCE WING (RESEARCH)		
12	Mr. Krishnamoorthy, JAO	Section Incharge
13	Mr. S. Sudhakaran, JAA	Extramural Funds
14	Mrs. Anandhi, DEO	Assisting Extramural Desk
15	Mr. Anupam Kumar Pan- dey, JAA	Intramural Funds

Facilities / Services Offered

Central Research Facility, JIPMER

The Central Research Facility (CRF) at JIPMER was established in March 2020 at the JIPMER International School of Public Health (JISPH) Building to provide state-of-the-art research infrastructure for all departments within the institute.

The CRF is equipped with advanced metabolomics, molecular biology, and ELISA facilities, catering to fundamental and applied research across disciplines.

Facility Oversight and Administration

A dedicated committee oversees the smooth functioning of the facility:

- Dr. Rajesh NG, Professor, Pathology (Officer-in-Charge)
- Dr. Kadhiravan, Additional Professor, Medicine
- Dr. Rahul Dhodapkar, Additional Professor, Microbiology
- Dr. P. Rajaa Muthu, Ph.D., Technical Expert – Guides students in research techniques.

Note: Candidates will conduct their own research after receiving appropriate training.

Research Facilities and Equipment

- *ELISA Facility (Fourth Floor, JISPH Building)*
  - ELISA Reader
  - ELISA Washer
  - Incubator Shaker
- *Molecular Facility (Fourth Floor, JISPH Building)*
  - RT-PCR Thermo Cycler (QS 5)
  - Refrigerated Centrifuge
- *Metabolomics Facility (First Floor, JISPH Building)*
  - Gas Chromatography-Mass Spectrometry (GC-MS)
  - High-Performance Liquid Chromatography (HPLC)
  - Fluorescent Reader
- *Other Facilities (Fourth Floor, JISPH Building)*
  - Two -40°C Deep Freezers
  - Vertical Autoclave

The CRF at JIPMER continues to serve as a hub for cutting-edge research, fostering innovation and scientific excellence.

JCRF Facility Utilization Details

Proteomics Laboratory Facility Utilization

- Total PhD projects: 22
- Total MD/MS/DM projects: 18
- Total MSc Projects: 10
- Total Extramural Projects: 6
- Departments utilized: Physiology, Biochemistry, Surgery, OG, Endocrinology, Med Oncology, Pharmacology, Sur Gastroenterology, Forensic Medicine, Dermatology, Pediatric Critical Care, PSM, Neurology

Genomics Laboratory Facility Utilization

- Total PhD projects: 28
- Total MD projects: 5
- Total Extramural projects: 4

Metabolomics Laboratory Facility Utilization

Molecules standardised in GCMS:

- Amino acids
- Glycolytic intermediates

Facility Utilization:

- Biochemistry : 2 PhD projects
- Medical Oncology: 1 PhD project

Bioinformatics Facility at JIPMER

Advancing Research through Innovation

The Bioinformatics Facility, established under the Central Research Facility, JIPMER, Pondicherry, is a dedicated centre aimed at enhancing innovation and research through computational biology and advanced data analytics. Located at the E-Learning Centre, Second Floor, JIPMER Academic Centre, the facility is equipped with a bioinformatics workstation and is managed by a Project Technical Officer who oversees bioinformatics operations and supports research activities.

Empowering Fundamental, Clinical, and Translational Research

The primary objective of the Bioinformatics Facility is to support and strengthen research in fundamental, clinical, and translational sciences. By integrating bioinformatics pipelines into research workflows, the facility enables efficient analysis of complex biological data, particularly omics data derived from Next-Generation Sequencing (NGS) studies.

Key Functions and Capabilities

- Data Analysis & Standardized Pipelines – The facility is developing standardized data processing pipelines for:
  - Expression Analysis
  - Variant calling
  - Protein-DNA/RNA Interactions
- Advanced Interpretation & Support – Researchers will receive detailed downstream analysis and expert assistance in interpreting bioinformatics results to facilitate meaningful insights.
- Enhancing Translational Research – The facility aims to leverage omics data for translational applications, ultimately contributing to precision medicine and improved patient care.

Bioinformatics Support for Researchers

The facility provides bioinformatics support for both basic and clinical research, helping investigators harness the power of computational tools in modern biomedical research. With its cutting-edge technology and expert guidance, the Bioinformatics Facility at JIPMER is set to become a hub for data-driven discoveries and innovation in healthcare.

Central Animal House

The Central Animal House, JIPMER is a state-of-the-art animal research facility spread across five floors (G+4) with a total plinth area of 5604 square meters. The entire facility is centrally air-conditioned with an HVAC system, with a clean and dirty corridor concept. This building has individual space for different amenities such as imaging, small animal breeding, and experimentation (small and large animals). It also has research facilities for drug development, toxicological testing, laboratories for teaching and training for different departments with surgery rooms and demonstration rooms. The animal requirement will be catered by in-house breeding and stocking of high-quality animals (Rat, Mouse, Guinea pig, Hamster, Rabbit).

In the next phase, facilities for training in minimal invasive surgeries, Cath-lab, laparoscopic, endoscopic procedures, robotic surgeries, and innovative medical device testing using large animal models (Swine) will be established. The Central Animal House has been registered with CCSEA for conducting experiments on small animals. Soon the facility will be operational after the necessary approval(s) for the building.

Grants facilitation office

The Division of Research, JIPMER, actively facilitates research registrations and access to international funding opportunities to support and enhance research endeavors.

- *BioRRAP Portal Registration* – Assistance is provided for registration on the Biological Research Regulatory Approval Portal (BioRRAP) to streamline regulatory compliance for research projects.
- International Funding Registrations – The Division of Research facilitates registrations for key international funding platforms, including:
  - ERA Commons ID – Required for applying to U.S. National Institutes of Health (NIH) grants.
  - SAM (System for Award Management) Portal – Essential for eligibility to receive U.S. federal research grants.

Comprehensive guidance and support for these registrations are available through the Division of Research, and further details can be accessed on the official JIPMER website.

Software & services

The Division of Research, JIPMER, plays a pivotal role in facilitating research administration through the management of essential software tools and ensuring academic integrity through plagiarism review mechanisms.

Software Management for Research

To support research activities, the following software solutions are administered:

Managed by the Research Division
- eEC Software – Streamlining research administration.
- SFACTS – Statistical and research data management.
- iThenticate – Plagiarism detection for academic and research content.

Managed by the HIS Section:
- REDCap – Research data collection and management.
- Grammarly – Enhancing academic writing quality.

Plagiarism Checking Committee (PCC)

A Plagiarism Checking Committee (PCC) has been constituted to uphold academic integrity by reviewing research documents for plagiarism detection and prevention. The committee:

- Reviews and approves theses for MD/MS/DM/MCh/ Ph.D./M.Sc. courses, ensuring originality.
- Suggests edits for candidates if plagiarism is detected and grants approval once corrections are made.
- Evaluates plagiarism in research projects under ICMR-STS and GJ-STRAUS by MBBS, BSc Allied Sciences, and BSc Nursing students.
- Screens faculty publications – including research articles, book chapters, and books – before submission for publication.

Through these initiatives, JIPMER remains committed to upholding research quality, academic ethics, and scientific excellence.

MoU facilitation

The JIPMER International and National Collaboration Cell (JINCC) meets to discuss the applications for non-research MOUs. List of active MOUs with other institutions, state program offices, NGOs, international organizations and academic institutions is being maintained in the research division.

Research Related MOUs

To facilitate the process of research-related MOUs, a separate pathway was created in 2024 whereby research related MOUs are submitted to the Dean office. A checklist has been created and upon conforming to the checklist, rapid review is done at level of the Dean Research Office and approvals are given for the MOUs.

Online JIPMER Archive

All the dissertation soft copies of MD/MS/DM/M.Ch/ MPH/ MSc are uploaded in Online JIPMER Archive, maintained in the Research division.

New Facilities/Services:

JIPMER & ICMR have recently signed a Memorandum of agreement for a collaboration Young Medical faculty PhD program which aims to motivate the young medical faculty, particularly from clinical departments, to pursue PhD in the Biomedical field. Total of 10 applications received and forwarded to ICMR for the year 2024. Out of 10 applicants, 5 candidates has been selected to undergo the program.

Two new grants have been introduced this year - Competitive Intramural Research Grants for Faculty and Early-Career Intramural Research Grants for younger Faculty which support high-quality, innovative research ideas.

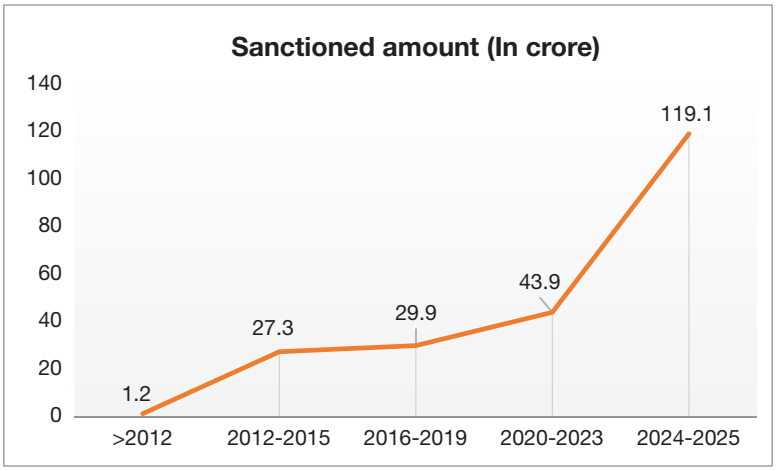
Miscellaneous activities

- Facilitation for Tamil Nadu Medical Council credit points application for CMEs and workshops conducted in JIPMER.
- Administration of NET JRF for Ph.D. fellows under UGC
- Coordination of Internship under the DBT i3C PhD program for the year 2024-25 – four interns were hosted.

Grants & Publications: 2023-24

Faculty from JIPMER have received several grants in the past year from ICMR, DBT, DHR funding and many international collaborations as Principal investigators and Co-investigators.

- Currently around 218 projects are on-going with a total sanctioned amount of 119.11 crores funded by different funding agencies.
- Of these, 65 new projects have been mapped in SFACTs till 31/03/2025.
- Total funds received from the various funding agencies during the current financial Year 2024-25 (covering the period from 01.04.2025 to 31.03.2025) and mapped in SFACTS is Rs 35.80 crores.



Extramural funds: Sanctioned amount in crores

Extramural funds: Sanctioned amount in crores

Funding source	Projects	Grant Amount INR
ICMR	91	436671529
DBT, DST	09	116616350
NIH and other US grants	09	129901738
Ministry of Health & programs	04	192562298
DHR	11	918488698
SERB	04	16666536
JAANA	04	2997969
BIRAC	03	31809924
WHO	01	2507432
Other agencies	82	169475154
Total	**197**	**119,10,57,628**

Intramural Grants

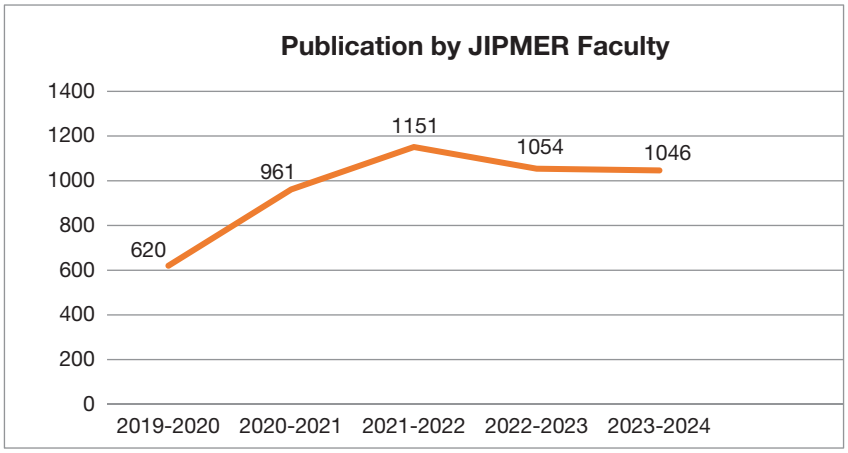
- The institute has sanctioned intramural grant of about 2.45 crores to faculty and junior researchers for carrying out research projects in their area of interest in 2024-25.

Student group	Upper limit	No. of projects	Grant amount in INR
Faculty	Rs. 6.0 lakh	8	2041788
Ph.D.	Rs. 7.5 lakh	2	246736
DM / MCh	Rs. 2.0 lakh	29	3877515
MD / MS/ MDS	Rs. 2.0 lakh	115	17634680
MSc, MPH, etc	Rs. 0.5 lakh	64	1607609
TOTAL		**218**	**24508328**

- Two new grants have been introduced this year - *Competitive Intramural Research Grants for Faculty and Early-Career Intramural Research Grants for younger Faculty support high-quality, innovative research ideas.*
- Around 26 students received awards under the Golden Jubilee - Short Term Research Award for Undergraduate Students (GJ-STRAUS) for the year 2023-24.

Publications by JIPMER Faculty

The faculty of JIPMER publish a substantial number of research papers every year. The number of publications is one of the metrics by which research can be quantified and the increase in the number indicates the positive trend. Nearly 1237 scientific publications were brought out by the faculty during the year 2024-25.



Innovation and Development Projects

JIPMER has filed 13 patent applications at Indian Patent Office, Chennai, of which Nine have been granted and the rest are under examination. Presently, the firm Altacit Global, Chennai, has been deployed as a consultant for filing patent applications and following up on the processes therein for the grant of a patent.

S.NO	Patent Application No	Name of the Inventor	Project Title	Date of patent
1	201641025101	Dr. Arun Alexander	A Novel Shower Protector For Tracheostomy Tubes	22-07-2016
2	201741005884	Dr. Sunil K Narayanan	Tracheo-Esophageal Combo Tube	20-02-2017
3	201741005888	Dr. Dinesh Kumar S	Castroviejo Extender	20-02-2017
4	201741012916	Dr. Arun Alexander	Hinged Eyeless Needle For Trans-Cartilaginous Sutures	11-04-2017
5	201741016702	Dr. Shashi Ahuja	Novel Use Of Optical Coherence Tomography	12-05-2017
6	201741035126	Dr. Lenin Babu	Linepub Device To Identify The Integrity Of Inner Tube Of Bain"s Circuit	04-10-2017
7	201741036050	Dr. Narayanan P	Non - Invasive Body Fluid Monitor	11-10-2017
8	201841017567	Dr. E. Kalaiarasan	In-Vitro Stabilization Of Colistin	10-05-2018
9	202041049056	Dr. Sunil K. Narayan	Biodegradable Nerve Conduit And Method Thereof	10-11-2020

Meetings of Various Research Committees (April 2024- March 2025)

S. No.	Committee	No. of Meetings
1	UG Research Monitoring Committee (UGRMC)	01
2	Nursing Research Monitoring Committee (NRMC)	01
3	JIPMER Scientific Advisory Committee (JSAC)	13
4	Ph.D. Research Monitoring Committee (PhDRMC)	06

S. No.	Committee	No. of Meetings
5	Sponsored Clinical Trial Research Committee (SCTRC)	05
6	Institute Ethics Committee (IEC) - Interventional	09
7	Institute Ethics Committee (IEC) - Observational	12
8	Institute Ethics Committee (IEC) - Nursing	02

S. No.	Committee	No. of Meetings
9	Intramural Grant Committee	04
11	Ph.D. Admission Committee	01
12	Animal Ethics Committee	01
13	IBSC	05

*Details of various Committees are available at JIPMER website

Capacity Building Programs

JIPMER conducted a series of academic workshops aimed at strengthening the research and professional capabilities of faculty and researchers. These workshops covered a range of themes from writing and research design to data analysis, visualization, and advanced technologies, fostering interdisciplinary collaboration and innovation in health research.

Workshop on "Academic Book Writing: Conceptualising to Publishing"

Date: 27th November 2024

Venue: JISPH, JIPMER

Coordinator: Dr. Yogesh S, Additional Professor, Anatomy

This workshop was designed to guide faculty and researchers through the structured process of academic book writing. Sessions included manuscript planning, content organization, and strategies for publishing with reputed academic publishers. Experts in academic writing provided key insights into editing techniques, improving scholarly tone, and structuring academic arguments. The workshop enabled participants to approach book development with clarity and strategic planning.

Workshop on "Randomized Controlled Trials"

Date: 28th October 2024

Venue: NTTC Hall-1, JAC Building

Coordinator: Dr. Vikas Menon, Associate Dean (Research)

With 29 participants, this workshop provided a comprehensive overview of Randomized Controlled Trials (RCTs). Topics included hypothesis framing, sample size calculation, randomization methods, and ethical considerations. Practical group tasks offered hands-on experience in designing clinical trials, while sessions on data analysis helped improve understanding of trial results. Discussions also covered common pitfalls and best practices in conducting RCTs.

Workshop on "Graphics for Publication"

Date: 18th September 2024

Venue: Multipurpose Hall, JISPH

Coordinator: Dr. Nishad Plakkal, Associate Dean (Research)

Attended by 33 participants, this workshop focused on creating visually impactful graphics for scientific communication. Through hands-on sessions, participants learned to use graphs, charts, and infographics to represent complex data clearly. Tools and techniques for high-quality visuals suitable for journal publications were demonstrated, equipping researchers with the skills to enhance the presentation of their findings.

Workshop on "Fundamentals of Using REDCap for Research"

Date: 7th August 2024

Venue: E-Learning Center, JAC Building

Coordinator: Dr. Gopalakrishnan, Professor, Neurosurgery

This workshop introduced REDCap, a secure web platform for data collection and project management in research. Geared toward Assistant and Associate Professors, it covered creating case report forms (proformas), managing study data, and integrating REDCap into ongoing research. Resource persons from diverse specialties provided detailed demonstrations, and interactive sessions ensured participants

Workshop on "Qualitative Research Methods"

Date: 8th February 2025

Venue: JISPH

Coordinator: Dr. Vikas Menon

This one-day intensive workshop, attended by a diverse group of faculty and postgraduate researchers, focused on qualitative research methodologies. The morning session introduced foundational concepts, distinctions from quantitative research, and relevant applications in health sciences. Facilitators Dr. Sitanshu Sekhar Kar, Dr. Mahalakshmy T, Dr. Jayalakshmy R, and Dr. Manikandan Srinivasan led the sessions.

Hands-on training included interview techniques (IDIs), focus group discussions (FGDs), and thematic analysis. Afternoon sessions on qualitative data coding and reporting were supported by Dr. Mahadevan and Dr. Amareen. Participants appreciated the interactive format and indicated the workshop met its objectives effectively.

Workshop on "Digital Droplet PCR"

Date: 28th February 2025

Venue: Central Research Facility, JISPH

Coordinators: Dr. Prasanth Ganesan and Dr. U.S.C. Rao

Conducted as part of JIPMER's 10th Annual Research Day, this workshop introduced participants to digital droplet PCR (dPCR) technology. The day began with an introductory session followed by a live demonstration of dPCR methods. Subsequent sessions covered data interpretation, clinical applications, and use in research. The workshop concluded with a Q&A session, where participants actively engaged with the resource persons to clarify technical and application-based queries. The hands-on approach was well-received and deepened participants' understanding of this advanced molecular technique.

Workshop on "Health Technology Assessment: A Primer"

Date: 1st March 2025

Venue: Multipurpose Hall, JISPH

Coordinators: Dr. Sitanshu Sekhar Kar

This foundational workshop introduced Health Technology Assessment (HTA) principles and its application in public health policy and decision-making. The sessions were facilitated by JIPMER's HTAIn-RH team. Topics included Introduction to the HTA ecosystem in India

- Evidence synthesis using systematic reviews

  Costing methodologies and Decision analytic modelling and hands-on exercises using decision trees

  Participants appreciated the focus on applied learning and expressed interest in advanced HTA training. The workshop concluded with insightful discussions on integrating HTA into institutional research planning.

Workshop on "An Introduction to R for Researchers"

Dates: 14–15 February 2025

Venue: Multipurpose Hall, JIPMER International School of Public Health

Coordinators: Dr. Nishad Plakkal

Prof. D M Thappa, Dean Research, inaugurated the event, emphasizing the importance of R software in data analysis. Dr. Palanivel and Dr. Nishad Plakkal introduced the workshop's objectives and the advantages of using R. The sessions were interactive, including introductory lectures, demonstrations, and hands-on practice. Over two days, participants gained experience in using R for data cleaning, manipulation, and statistical analysis. Topics covered included descriptive and inferential statistics, data labeling, generating new variables, statistical tests, graph generation, and Receiver Operator Characteristics (ROC) analysis.

Participants suggested follow-up workshops on advanced topics such as regression techniques. The workshop concluded on time with closing remarks from the faculty members.

These workshops significantly contributed to capacity building at JIPMER, strengthening core skills in writing, research methodologies, data visualization, digital tools, and health economics. The blend of theoretical instruction and practical exposure ensured a comprehensive learning experience. Continued engagement through such initiatives is essential to foster high-quality, evidence-based research and academic output from JIPMER's faculty and research scholars.

Major Research Activities at JIPMER

10th Annual JIPMER Research Day, 08.03.2025

The Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER) celebrated its **10th Annual Research Day** on **8th March 2025**. This annual event serves as a platform to nurture and promote research within the Institute while keeping the academic and research community informed about emerging scientific advancements.

The event was inaugurated by **Dr. Venkatasubramanian Ganesan, Professor of Psychiatry at NIMHANS, Bengaluru**, who also delivered the keynote address. His insightful talk focused on the importance of translational research and interdisciplinary collaboration in advancing healthcare solutions.

Dr. Bhawana Ashok Badhe, Officiating Director of JIPMER, emphasized the Institute's commitment to enhancing research infrastructure. She highlighted significant achievements over the past few years and underscored the importance of developing an innovation hub at JIPMER to foster novel discoveries.

Dr. DM Thappa, Dean (Research), outlined the Division of Research's vision for enhancing fundamental, clinical, and translational research. He detailed various initiatives undertaken to strengthen research infrastructure and streamline regulatory processes.

In recognition of their exemplary contributions to research, **Dr. Rajesh NG**, Professor of Pathology, and **Dr. Adhisivam B**, Professor of Neonatology, have been honored with the **Best Faculty Researcher Awards** in **Basic Sciences** and **Clinical Sciences**, respectively. Both

awardees delivered insightful lectures, highlighting their impactful research and its significance in advancing medical science.

This year also marked the introduction of the **Best Collaborative Research Award**, emphasizing the importance of interdisciplinary collaboration. The inaugural award was presented to **Dr. Murugesan A**, Department of Neonatology, and **Dr. Apurba Sastry**, Department of Microbiology, for their outstanding joint research efforts.

As part of JIPMER's commitment to fostering young researchers, 22 undergraduate students received awards under the Golden Jubilee - Short Term Research Award for Undergraduate Students (GJ-STRAUS) for 2024-25.

Around **120 scientific abstracts** were submitted across **eight categories** by undergraduates, postgraduates, senior residents, research staff, and faculty. Poster and oral presentation sessions were held over six days in February 2025.

CONNAISSANCE 2024, June 2024

CONNAISSANCE 2024, the sixth edition of JIPMER's International Undergraduate Medical Conference, was a landmark gathering of undergraduate medical students from premier institutions across India. This national-level event aimed to foster education, innovation, and the free exchange of ideas among students, guided by leading researchers, social health professionals, and medical technology experts. The conference was structured around three key domains that are shaping the future of healthcare—Research (Day 1), Medical Technology (Day 2), and Medicine in Societal Health (Day 3).

This year's edition witnessed an overwhelming response, with 1,493 delegates representing over 200 medical colleges from across the country. Over the span of three days, the event hosted a diverse range of activities including expert talks, panel discussions, interactive workshops, scientific presentations, quizzes, and a Model Health Assembly.

Academic and Scientific Highlights

Each day of the conference revolved around a central theme:

- Day 1: Investigate – Focusing on research methodologies and scientific inquiry.
- Day 2: Innovate – Centered on advancements in medical technology and innovation.
- Day 3: Inspire – Emphasizing the role of medicine in societal well-being.

A notable feature was the panel discussion held at the APJ Abdul Kalam Auditorium, which included the participation of an international panellist via video conference. This was accompanied by a debate, an interview, and three impactful expert talks tailored to the theme of each day.

Workshops and New Initiatives:

A record-breaking 31 workshops were conducted under the guidance of 22 different departments, including 9 new additions this year. Spread across five intensive sessions, these workshops provided hands-on learning in skill development, clinical practice, and research methodologies.

New scientific events were introduced, including the Research Proposal Presentation Competition, which received enthusiastic participation. ENT and Ophthalmology were added to the Case Presentation categories for the first time, expanding the academic horizon of the event.

The Research Quiz, in its second edition, was organized on a larger scale and saw wide participation. The flagship Conquest intercollegiate mediquiz returned in its sixth offline edition, showcasing high-caliber competition among institutions.

The Model Health Assembly, held for the second consecutive year, built on the successes of its predecessor by offering a more immersive diplomatic and policy-making experience. Delegates engaged in simulated discussions mirroring real-world global health challenges.

For the first time, a Socials and Networking Event was introduced, providing a unique platform for delegates to engage with JIPMER faculty and alumni. Discussions spanned career guidance, undergraduate research opportunities, academic strategies, and personal development. The event received overwhelmingly positive feedback for its approachability and impact.

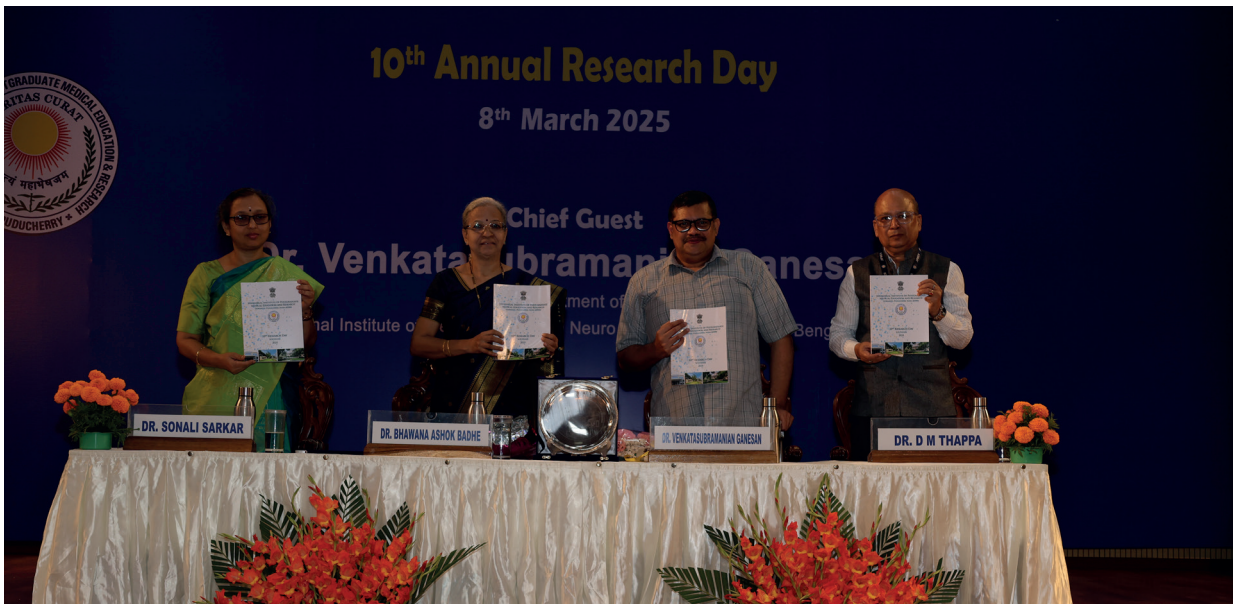
CONNAISSANCE 6.0 marked a significant milestone in the journey of JIPMER's academic outreach and student engagement. With its innovative structure, enriched content, and enthusiastic participation, the conference continues to build a vibrant platform that supports undergraduate medical students in exploring, learning, and contributing to the ever-evolving landscape of healthcare. The success of this edition sets a high benchmark and promises even greater achievements in future editions.

JIPMER 2024–25 in Pictures

Division of Research – Programs



Connaissance 2024



10th Annual Research Day

Reports of Faculty Departments

Department of Anaesthesiology

Faculty List

Senior Professor
- Dr Hemavathi Balachander
- Dr Pankaj Kundra

Professor & Head
- Dr Lenin Babu E

Professor
- Dr A. Vasudevan
- Dr Sandeep Kumar Mishra
- Dr Satyen Parida
- Dr Satyaprakash MVS
- Dr Prasanna Udupi Bidkar
- Dr Suman Lata Gupta
- Dr Adinarayanan S
- Dr Anusha Cherian
- Dr Sakthirajan P
- Dr Stalin V

Additional Professor
- Dr Srinivasan Swaminathan
- Dr Chitra Rajeswari T
- Dr Mohan VK
- Dr Priya Rudingwa
- Dr Ajay Kumar Jha

Associate Professor
- Dr Gnanasekaran S
- Dr Senthilnathan M
- Dr Aswini Kuberan

Assistant Professor
- Dr Ranjith Kumar M
- Dr Banupriya R
- Dr Ramya N
- Dr Srinivasan R
- Dr Vishnu Narayanan MR
- Dr Nemani Sugandhi
- Dr Jayanth R Seshan
- Dr Kandaswamy N
- Dr Sekar L
- Dr Chilakapati Sireesha (Contract)
- Dr Suryanarayanan S (Contract)
- Dr Bijaya laxmi (Contract)

Departmental Highlights of the Year 2024-25

The Anaesthesiology and Critical Care department continues to provide the JAMS sessions (JIPMER Anaesthesiology MasterclasS - JAMS) and conducts a series of CME & workshops on various topics. The department provides sessions like Problem-Based Learning Discussion, where the residents are encouraged to actively participate in the academic discussions. The department conducted a Quiz at the end of each quarter, relevant to the topic discussed in academic classes in the preceding three months. The department provided Simulation-based learning and skill training to the residents. The department provided orientation sessions to the newly joined junior residents to enlighten the basics of Anaesthesiology.

Educational Courses

The Department of Anaesthesiology and Critical Care provided training in Anaesthesiology and training to provide optimal peri-operative care to postgraduates in M.D. (Anaesthesiology). The Department trained the senior residents in subspecialties like Cardiac Anaesthesiology, Neuro Anaesthesiology, and Critical Care. Ten M.D. (Anaesthesiology) postgraduates passed out in this academic year, one D.M. (Neuro Anaesthesiology) senior resident, one D.M. (Cardiac Anaesthesiology) senior resident, and one D.M. (Critical Care) senior resident passed out in this academic year. The department provided training for five B.Sc Anaesthesia Technology students per year as of 31st March 2025.

Departmental Activities for the year

Organised conference/CME/workshop

State chapter event

The department successfully conducted the 15th Annual State Conference, ISACON Puducherry State Chapter, from 27th to 29th September 2024, organised under the chairmanship of Dr Lenin Babu E, with Dr Satya Prakash M.V.S serving as Secretary and Dr Sakthirajan P as Treasurer. This included two workshops organized by our team—one on Lung Isolation Techniques by Dr Chitra Rajeswari T, and the other on Advanced Airway Management by Dr Priya Rudingwa—along with various lectures and academic sessions.

Local workshop / CME

- Dr. Lenin Babu E served as the chief advisor and, along with the senior residents of the department, organized a CME on 'Positioning in Anaesthesia' in association with ISA Puducherry, on 5th May 2024, in JIPMER, Puducherry.
- Dr Stalin V organized a workshop on 'Basics of Anaesthesiology' as a part of the Connaissance conference for undergraduate students at JIPMER on the 30th of June 2024.
- Dr Srinivasan R and Dr Banupriya R organized a 'Masterclass on Understanding Anaesthesia Workstation', under the chairmanship of Dr Lenin Babu E, in July 2024.
- Dr Kandaswamy N organized a "Masterclass on Arterial Blood Gas Analysis" in association with ISCCM, Puducherry, under the chairmanship of Dr Lenin Babu E, on 17th November 2024.
- Dr Sekar L and Dr Ranjith Kumar organised a "Masterclass on Oxygen Therapy" under the chairmanship of Dr Lenin Babu E on 16th February 2025, by the Department of Anaesthesiology & Critical Care, JIPMER, Puducherry.
- Dr Anusha Cherian and Dr Banupriya R, under the chairmanship of Dr Lenin Babu organised a 'Faculty Development Program (FDP)- Simulation Based Medical Education' on 27th & 28th February 2024 in the department of Anaesthesiology, JIPMER

Faculty Conference Participation

- Dr Satyen Parida participated as a faculty member in the ISACON National Conference 2024 held in Patna between November 20-24, 2024. He delivered a lecture on "The Year in Cardiac Anaesthesia: Five Best Publications from 2024" at the IJA Session. He also chaired the Scientific Committee of the ISACON Puducherry 2024 State Conference, conducted between 27th to 29th September 2024. Dr. Parida also participated as a faculty member in the TTE & TEE workshop conducted as a part of the Conference.
- Dr Suman Lata Gupta has participated as a workshop faculty in the Airway workshop conducted by the Airway Management Foundation (VISION 2025) at GMC Chandigarh from 13th to 14th April 2024. She served as a guest faculty in the ISA YUVACON at Uttarakhand as a part of the ISACON 2024 from 23rd to 25th August 2025 in HIMS Rishikesh and in IAPA 2025 conducted in Pune AFMC from 14th to 16th Feb 2025. She also served as a faculty in the Simulation based learning workshop conducted in AOA 2024 at Kolhapur Maharashtra from 27th to 29th September 2024. She presented a research paper in the International Anesthesia Research Society Annual Meeting 2025, held in Hawaii from 20th to 23rd March 2025.
- Dr Anusha Cherian was a faculty in the basic ventilator workshop held at JIPMER Karaikal 6th April 2024. She was also a speaker for Nutrition in Acute Kidney Injury organised by WIN India on 28th June 2024. She participated as speaker for the ISCCM STEP session on HIV in Critical care on 29th May 2024. She was a speaker on "Nasty incoherences: dynamics of macro & microcirculation" Sepsis turning the Tide: Controversies to Consensus at Calicut in 27 August 2024. She was a Faculty for the Maternal near misses: Pocus workshop, 7th September 2024 organised by obstetrics department, JIPMER. She spoke on Maternal collapse: diagnostic dilemma and initial management Maternal at the same conference on near 8 September 2024, JIPMER. She was a Panellist on Pulmonary embolism, Panel discussion, ISCCM Chennai branch, on 13 September 2024. She spoke on, "Resuscitation beyond macrocirculation-optimising microcirculation "at GICS, Bengaluru, 19th October 2024. She was also Faculty, workshop on mechanical ventilation, GICS, Bengaluru, 18th October 2024. She gave a talk on, The Art of Shock Resuscitation: balancing act of fluid and vasopressor EPIC 2025 Conference at AIIMS, Raipur on 1st February and was Speaker on the topic "Can CRRT Bridge the Gap in Multi-Organ failure? "At EPIC 2025 Conference at AIIMS, Raipur, 1st February. She spoke on "complications of oxygen therapy", Masterclass on oxygen therapy at JIPMER on16th February. She was an invited Speaker and spoke on recent advances in CRRT, Criticare 2025, 31st annual conference of ISCCM, Kochi, 9th March
- Dr P Sakthirajan delivered interactive lectures and served as faculty in the ATLS provider course held at JIPMER, Puducherry in March 2025. He also conducted a simulation session for anaesthesia technologists on Anaesthesia machine safety in the workshop on Anaesthesia workstation as part of the ISACON Puducherry 2024 conference on 29 September 2025.
- Dr. V. Stalin participated as faculty in the RSACPCON 2024 and delivered talk on Pro-Con session: "Viscoelastic testing is the final solution for all perioperative coagulation abnormalities" on 20th April 2024 at AIIMS Jodhpur. He also participated as a faculty in PG -FOCUS 2024 and delivered talk on "Quick Interpretation of ABG" at AVMC Puducherry on 19th May 2024. He also conducted workshop on "Basic Anaesthesiology" as a part of Connaissance 2024 – Undergraduate international conference 2024 at Department of Anaestheiology and Critical Care, JIPMER on 30th June 2024. He also participated in

ISACON Puducherry 2024 and acted as a faculty for simulation based "lung isolation workshop" on 27 Sep 2024 at Jipmer, Puducherry. He also participated in ISACON 2024 as a panelist in panel discussion on "Phaeochromocytoma – Preopoerative preparation" on 24th Nov at Samrat Ashoka convention Centre, Patna. He also participated in ASNACC (Asian society of Neuroanaesthesiologist and Critical Care society) 2025 conference at Bangkok, Thailand and presented Poster on 1st March 2025.

- Dr. Srinivasan S served as faculty and delivered a lecture on "Masterclass on Perioperative Arrhythmias", conducted by the Department of Anaesthesia, JIPMER, on 27th August 2024. He was an integral member of the organizing committee for the Annual State Conference "ISACON 2024" held at JIPMER, Puducherry, where he functioned as the Coordinator of the Certificate and Souvenir Committee and played a significant role in securing NMC credit hours for the CME. Additionally, he served as faculty in the workshop on "One Lung Ventilation", organized as part of ISACON Puducherry 2024. Dr. Srinivasan also contributed as an ATLS Instructor, delivering lectures and conducting skill-based workshop sessions during the Advanced Trauma Life Support (ATLS) Courses held at JIPMER in November 2024 and again from 6th–8th February 2025.
- Dr Chitra Rajeswari T has participated as faculty in the Ultrablock workshop in Kamakshi Memorial Hospital, on 8th September 2024. She also organized the 'Lung Isolation Techniques' workshop, as a part of the ISACON Puducherry State Chapter, on 27th September 2024. She was a resource faculty for the BLS workshop in Connaissance 2024 on 28th July 2024.
- Dr Ajay Kumar Jha delivered lectures and contributed to academic discussions at the IACTA Conference held in Cochin (March 2024), the Perioperative Echocardiography Workshop in Jodhpur (March 2024), and the Echocardiography Conference at Narayana Hrudayalaya, Bangalore (August 2024). Additionally, he was a resource faculty at the ISACON South Zone Conference in Salem and the FOGSI National Conference in Mumbai.
- Dr Senthilnathan M has participated as faculty in Masterclass on Anaesthesia Workstation, held on 28th July 2024, organised by Department of Anaesthesiology and Critical Care, JIPMER, Puducherry. He delivered talk on Transthoracic Echocardiography in Critically Ill Obstetric Women in Predicting and Preventing Maternal Near Miss: A Step in Time, organised by Department of Obstetrics and Gynaecology, JIPMER, Puducherry, held on 7th September 2024. He participated a faculty in Advanced Airway Workshop as part of pre-conference workshop of 15th Annual state conference – ISACON PUDUCHERRY 2024, held on 27th September 2024. Dr Senthilnathan M participated as faculty in POCUS Workshop as a part of pre-conference workshop of 71st Annual Conference of Indian Society of Anaesthesiologists, ISACON 2024, held on 20th November 2024 in Patna. He delivered talk on Analgesia for Thoracic Surgeries in VACME 2025, organised by Department of Anaesthesiology, Sri Venkateshwaraa Medical College Hospital and Research Centre, held on 22nd March 2025.
- Dr Mekala Ranjith Kumar served as the organising secretary for CME- cum workshop on masterclass on oxygen therapy conducted on 16th Feb 2025, in JIPMER in association with ISA Puducherry. He served as a part of the organizing team in the state ISACON Puducherry 2024 conference, conducted from 27th to 29th September 2024. He participated as a faculty in the "Lung Separation workshop" in the ISACON PUDUCHERRY 2024, as a faculty in the "Basic Anesthesiology workshop" in connaissance 2024. He also served as a workshop faculty in the 'Master class on Anesthesia Workstation' in July 2024 and as a workshop faculty in the 'Master class on Oxygen Therapy' conducted on 16th Feb 2025.
- Dr. Banupriya R served as a resource faculty in the 'Basics of Anaesthesia' workshop conducted as part of CONNAISSANCE 6.0 — JIPMER's 6th International Undergraduate Medical Conference, held from 28th to 30th June 2024. In July 2024, she was the Organising Joint Secretary for the Masterclass on Understanding Anaesthesia Workstation. She also contributed as a Member of the Organising Committee for ISACON Puducherry 2024, where she performed the role of Quiz Master for the final quiz event and participated as Faculty in the Lung Separation Workshop. She served as resource faculty, delivering lectures and conducting workshop sessions during the 'Masterclass on Arterial Blood Gas Analysis' in November 2024 and for the 'Masterclass on Oxygen Therapy', held in February 2025. Additionally, she was the Organising Joint Secretary for a Faculty Development Program on Simulation-Based Medical Education, organized by the Department of Anaesthesiology and Critical Care at JIPMER in February 2025.
- Dr. Srinivasan R served as the Organising Secretary for the workshop on "Masterclass on Anaesthesia Workstation". He also participated as a Speaker in the AACE-2024 Advanced Airway Workshop conducted by Melmaruvathur Adiparasakthi Institution of Medical Sciences and Research on 27th October 2024. Additionally, he was a faculty member in the workshop on "Lung Separation", conducted as part of the 15th Annual State Conference – ISACON

Puducherry 2024. Dr. Srinivasan contributed as Faculty at Connaissance; the Sixth International Medical Students Conference held at JIPMER on 14th March 2024. Furthermore, he participated as a Speaker in the Masterclass on Oxygen Therapy CME held on 16th February 2025.

- Dr. Vishnu Narayanan M R delivered a lecture on "Ringer lactate in a diabetic patient: No controversy anymore" at ISA DELHI YUVACON on April 6, 2024. He organized the Basic Anaesthesiology Workshop for MBBS students under Connaissance 2024 at JIPMER, Puducherry on June 30, 2024, and later served as faculty in the Masterclass on Anaesthesia Workstation on July 28, 2024, delivering a lecture on "Medical Gas Supply." At the 3rd National YUVA ISACON and 13th UKISACON in Dehradun (August 2–4, 2024), he was a guest speaker on "Anaesthesia for in vitro fertilization." He conducted stations on hemodynamic monitoring during the Technologist Workshop at AIIMS, New Delhi on August 23, and in the Obstetric Critical Care Workshop the next day at RACC-2024. During ISACON Puducherry (September 27–29, 2024), he was faculty in the Advanced Airway Management workshop, judged paper presentations, and conducted a quiz. He delivered a lecture on "Anaesthetic considerations in liver transplant recipients posted for non-transplant surgery" at ISACON 2024, Patna, on November 24, and participated in the Masterclass on Arterial Blood Gas Analysis at JIPMER on November 17. He also conducted workstations in the Masterclass on Oxygen Therapy on February 16, 2025.
- Dr Ramya N participated as a faculty in the 'Master class on Anaesthesia Workstation' conducted in the department on July 2024 and in the 'Master class on Oxygen therapy' conducted on February 2025. She also served as a resource faculty and delivered lectures in the 'Critical events in operation theatre' conducted by Karpaga Vinayagar medical college on 15th November 2024, and 'Update on labour anaesthesia' in event conducted by Arunai Medical College on 15th March 2025.
- Dr Jayanth R Seshan served as a faculty and delivered a lecture on 'Nutrition in Neurocritical Care' at the Annual Conference of the Indian Society of Neuroanaesthesia and Critical Care (ISNACC) in January 2025 at Trivandrum. He also delivered a lecture on 'Diaphragm ultrasound in the ICU' at the 5th Annual conference of the Neurocritical Care society of India (NCSI) in September 2024 at Chennai. He served as a workshop faculty for the 'Advanced Airway Workshop' at ISACON-Puducherry 2024.
- Dr. Sekar L served as the Joint Organising Secretary for the workshop on "Masterclass on Oxygen Therapy". He served as a resource faculty for the "Masterclass on Anaesthesia Workstation", organized by the department on July 2024. He was a faculty member for the "Airway Management Workshop" conducted during the ISACON Puducherry State Conference in September 2024. He was invited as Faculty for AIOACON 2024 (4th National Conference of the Association of Indian Ophthalmic Anaesthesiologists) organized by PGIMER, Chandigarh, where he participated in the Pro-Con Debate Session on "Anaesthesia for Probing/Syringing: Do We Need a Protected Airway?", presenting the CON perspective in September 2024. He also served as Faculty in the "Advanced Pain Management: Nerve & Plexus Block in Trauma Emergency Bay" CME-cum-workshop organized by the Society of Trauma and Critical Care in November 2024, and in the "Airway Management in Trauma Emergency" CME-cum-workshop conducted by the same society at PGIMER, Chandigarh, in January 2025.
- Dr Nemani Sugandhi has participated as faculty in Masterclass on perioperative monitoring on 18 February 2024, organized by the Department of Anaesthesiology and Critical Care, JIPMER. she participated a faculty in Advanced Airway Workshop as part of pre-conference workshop of 15th Annual state conference – ISACON PUDUCHERRY 2024, held on 27th September 2024. She delivered a talk on Perioperative neonatal fluids in 15th Annual state conference – ISACON PUDUCHERRY 2024, held on 29th September.
- Dr Kandaswamy N served as a workshop faculty in the Connaiassance 2024, in JIPMER in June 2024. He participated as a workshop faculty in "Recent Advances in Critical Care" {RACC-2024} conducted by AIIMS, New Delhi in August 2024. He delivered a lecture on "Recent Advances in the understanding and management of ARDS" in ISACON Puducherry, in September 2024; and a lecture on "Principles of cardiac output monitoring, non-invasive cardiac output monitors and minimally invasive cardiac output monitors" in Hemodynamic Monitoring and Therapy workshop (HeMAT 2024) conducted by St.John's medical college and hospital, Bengaluru in November 2024. He participated as a faculty in "Evidence-based practices in intensive care (EPIC 2025)" conducted by AIIMS Raipur in January 2025, and delivered a lecture on "Post-ICU Syndrome: Recognizing the Journey to True Recovery". He also participated as a faculty in "Master Class on Oxygen Therapy" conducted by JIPMER in February 2025 and delivered a lecture on "oxygen delivery goals, initiation and monitoring of oxygen therapy"
- Dr Suryanarayanan S served as a sessions judge for case report presentations, in the ISACON Puducherry

state chapter, 2024. He also served as a workshop faculty in AACE (Adhiparasakthi Anaesthesia continuing Education) in October 2024.

- Dr Chilakapati Sireesha participated as faculty for the workshop on Oxygen Therapy held in February 2025, and for the workshop on vaporizers organized in April 2025 by the Department of Anaesthesiology and Critical Care, JIPMER. Additionally, she contributed as faculty in the workshop on Flexible Bronchoscopic Intubation conducted at JIPMER, Puducherry, in April 2025.

Participation in health camps/ public health awareness/ education programme:

- Dr. Vishnu Narayanan M R conducted an online public health education session on "Safe Sex Practices" on June 9, 2024, and moderated a discussion on "Menstruation" on June 22, 2024, as part of the Project Relearn Training of Trainers (TOT) course, aimed at capacity-building for sexuality education facilitators.

Major Events in Department

- Dr Manoj Kumar Karmakar, Professor, Consultant Anaesthesiologist & Director of Paediatric Anaesthesia, Dept of Anaesthesia & Intensive Care, The Chinese University of Hong Kong, served as a guest faculty and interacted with the students and faculty members of our department from 5th to 18th August 2024. During his visit, he conducted teaching sessions on various ultrasound-guided procedures and delivered lectures, including a notable talk titled 'The art and science of regional anaesthesia: The journey thus far and beyond'.
- A guest lecture on "Resistance to Resilience: An Evidence-Based Approach to Wellness and Well-being" was delivered by Dr Balachunder Subramaniam, Professor of Anaesthesia, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts, on 11th November 2024.

Awards and Honours

- Dr Satyaprakash MVS & Dr V. Stalin have been awarded the Best Reviewer Award for Indian Journal of Anaesthesia (IJA) at the National conference of Indian Society of Anaesthesiologists (ISACON 2024) on 23/11/2024 at Samrat Ashoka Convention Centre, Patna.
- Dr. Vishnu Narayanan M R was awarded the Col. G. Tandon Medal in Anaesthesiology for the year 2023 by AIIMS, New Delhi, during the Institute Day celebrations held on September 25, 2024.

Administrative Assignments

- Dr Satya Prakash MVS is the vice-president of the Indian Society of Anaesthesiology, Puducherry state chapter, from October 2024.
- Dr Suman Lata Gupta is the chairman for institute's guest house committee
- Dr Sakthirajan Paneerselvam is a member of the Medication safety group of JQC and Nodal officer for BSc. Anaesthesia Technology course.
- Dr Chitra Rajeswari T is a nodal officer for the JIPMER website committee, part of Surgical items, Sutures, and hospital disinfectants monitoring committee, part of the departmental mortality and morbidity committee, Departmental skill training and simulation committee, Department manual, Statistics, information, and website committee, drug purchase and monitoring committee.
- Dr Priya Rudingwa is a member secretary in Department PGRMC committee.
- Dr Mekala Ranjith Kumar is a part of departmental statistics committee, Postgraduate roster committee, Intern roster committee, Quality Control Committee, PG examination coordination committee.
- Dr. Satyen Parida functioned as Associate Editor of the Indian Journal of Anaesthesia for the year 2024.
- Dr Anusha Cherian is the chairperson of Indian society of critical care medicine at Pondicherry branch. She is also the president of Indian Association of Parenteral and Enteral Nutrition, Pondicherry chapter. She is a member of the technical and curriculum committee of Kerala University Health sciences. She is the nodal officer for Critical Care Hospital Block, JIPMER.
- Dr Kandaswamy N is the Executive Committee member in Indian society of critical care medicine, Puducherry chapter.
- Dr Jayanth R Seshan is the Member of the Assistant Editor team for the SNACC (Society for Neurosciences in Anesthesiology and Critical Care) newsletter.

Department of Anatomy

Faculty List

Professor and Head of the Department

- Dr. J. Sarasu.

Professor

- Dr. Aravindhan K
- Dr. Suma H Y
- Dr. Gladwin V.

Additional Professor

- Dr. Raveendranath. V
- Dr. Sulochana Sakthivel
- Dr. Suman Verma
- Dr. Dharmaraj Wamanrao Tamgire
- Dr. Yogesh Ashok Sontakke
- Dr. Rajasekhar. S.S.S.N

Associate Professor

- Dr. Dinesh Kumar. V.

Assistant Professor

- Dr. Vidya G.

Department Highlights of the Year 2024-25

The Department of Anatomy at JIPMER plays a pivotal role in foundational medical education, offering 13 undergraduates, 5 postgraduates, PhD, diploma, and certificate programs. It provides specialized services in genetic testing and embalming, and supports research in genetics, microscopy, immunohistochemistry, and cadaveric studies. The Genetic (Cytogenetic) Laboratory enables chromosomal analysis for clinical diagnostics in patient care and research. The Molecular Genetics Laboratory conducts DNA-based studies, including SNPs and gene expression. The Microscopy Laboratory is equipped with digital histology for academic and confocal microscopy to support advanced histological analysis. The Cadaveric Laboratory facilitates anatomical dissection for academic. research and workshops, equipped with a duct system to ensure formalin fume safety and compliance with academic standards.

Educational Courses

Undergraduate Course

i) M.B.B.S
ii) B.Sc. (Nursing)
iii) B.Sc. AHS

Postgraduate Courses

M.D (Anatomy)

Research Courses

Ph.D. (Anatomy)

Departmental Activities for the Year

Faculty Conference Participation

- Dr. Suma HY acted as a resource faculty in the "CBME implementation and integrated teaching program" held at AIIMS Gorakhpur on 26/7/2024.
- Dr. J Sarasu, participated in international and national conference and presented scientific paper entitled The conventional Karyotype: its role in the golden Era of genomics at the 'Genomics analysis and technology conference' 12-14th April 2024, ICGEB, New-Delhi, India., Prevalence of Chromosomal abnormality of couples with Primary Infertility at the 49th Indian society of Human genetics and international conclave on Neuro-genetics at Jan 20th -22nd 2025, NIMHANS Bangalore., Prevalence of Mosaic pattern chromosomal abnormality in Primary amenorrhea at the 45th National conference of Association of Anatomist 14th -15th September 2024, at SRM Tamil Nadu.
- Dr. V. Gladwin attended the conference, chaired a session in the Society of Clinical Anatomists conference held in DY Patil Medical College, Pune during 4th-7th of April 2024.
- Dr. Dinesh Kumar V participated as a resource person in a one-day workshop on "Conflict Management" for faculty held at JIPMER, Karaikal campus on July 27, 2024, completed the Advanced Certification in Medical Education organised by the NMC Nodal Centre, JIPMER, Puducherry in August 2024. He participated as a resource person in the 91st and 92nd National Course on Educational Science for Teachers of Health Professionals held at JIPMER, Puducherry and conducted sessions, participated as a resource person in the "Residents as teachers – a training course on Medical Education Technologies for Senior Residents" at JIPMER, Puducherry, handled classes for the MBA – Hospital Management program of the Directorate of Distance Education, Pondicherry University, in September and November 2024, participated as a resource faculty in a two-day workshop "Training the trainers" conducted by the Trivandrum Institute of Palliative Sciences, Pallium India, on 17th and 18th December 2024. He participated as a resource faculty in a one-day faculty development program on "Guidance to nurture emotional intelligence among students" held at Pondicherry Institute of Medical Sciences on 18th

January, 2025. participated as a resource faculty in a three-day workshop "Educational Science for Teachers of Health Professions" organised by the NEP Cell & HRDC of VMRF(DU), Salem, between 27th and 29th January 2025. delivered a guest lecture on the "History of Human Dissection" in a forum organised by the Medical Education Unit, Pondicherry Institute of Medical Sciences, on 11th February 2025.

- Dr. Vidya G. participated as a resource person / organizing team member in a workshop entitled "Sectional Anatomy Made Easy" for undergraduate medical students as a part of Connaissance which was held on 28/06/2024. She participated as a Judge to chair the scientific session on the oral Presentation under PhD Category in the "5th International e-conference on "Unveiling the Future of Basic Medical Sciences: A Global Perspective" which was on 05.12.2024.

Administrative Assignments

- Dr. Suma HY is an alternate Member Secretary in the Institute Ethics Committee- Interventional studies.
- Dr. J. Sarasu. is Faculty in charge of Cytogenetics Lab, MBBS., M.Sc., course in charge, Gem Purchase proceedings, Faculty in charge of Hall of fame, member of antiaging committee.
- Dr. Gladwin is Professor of Controller of examination, Member of conduct of entrance and recruitment examinations, Nodal officer of AIIMS Madurai, Joint secretary of Society of Clinical Anatomists and Member of PG board of studies for MGMC&RI.
- Dr. Suman Verma. Editorial member for JIPMER Annual report committee, Deputy Editor of International Journal of Advanced Medical and health Research, Research Design Consultant in Editorial Board of Indian Journal of Surgery, Condemnation officer for college of Nursing in JIPMER, Nodal officer for Biomedical Waste Management in Department of Anatomy, resource faculty for MBBS Foundation course, member secretary for departmental PGRMC.
- Dr. Dinesh Kumar V. is Core Faculty of National Teacher Training Centre in JIPMER, Puducherry, Alternate Member of the Institute Ethics Committee for observational studies, Co-Ordinator for Foundation Course – AHS and BMLS since 2022, Member of Postgraduate Curriculum Revision Committee, Faculty of Foundation course for MBBS students and PG orientation program. One of the faculty members in charge of the SPANDAN Academic Quiz event, La Lutte, 2023, Faculty, Banner committee, Research Day 2025.
- Dr. Vidya G. Core Faculty: Foundation course for MBBS and B.Sc. MLT/AMS students, Officer-in-charge - Museum, Department of Anatomy, JIPMER.

Departmental Statistics

i. Karyotyping for chromosomal abnormalities: 308

ii. Anatomical Embalming: 12

Department of Biochemistry

Faculty List

Medical Faculty

1.	Dr. Sharbari Basu	Professor
2.	Dr. R. Ramesh	Professor and Head
3.	Dr. R. Soundravally	Professor
4.	Dr. Medha R.	Professor
5.	Dr. H. Nandeesha	Professor
6.	Dr. Prashant S. Adole	Additional Professor

Non-Medical Faculty

7.	Dr. Zachariah Bobby	Professor
8.	Dr. Nivedita Nanda	Additional Professor
9.	Dr. Balasubramaniyan Vairappan	Additional Professor
10.	Dr. G. P. Senthil Kumar	Associate Professor

Non-Faculty List

Mrs. Padmavathy P	Biochemist

Departmental Highlights of the Year 2024-25

Faculties and students of Biochemistry have received several awards for their research work and publications in the reporting year. One of the senior residents Dr. M. Deepthi Sudha won the 'Best Poster Presentation Award' and one junior residents Dr. Krithiga won Travel Fellowship Award for Poster Presentation at National ACBICON 2024, 50th Annual Conference of the Association of Clinical Biochemists of India Held from 4th to 7th December 2024 held at Chandigarh. Another junior resident Dr Vandana won the 'Best Free Paper Presentation Award' at National 31st Annual Conference of AMBI (AMBICON 2024), Organized by the Association of Medical Biochemists of India, held on 19th to 21st December 2024. The department hosted the South Zone ACBICON (SZACBICON 2025), held on 24th – 25th January 2025 at JIPMER, Puducherry jointly with the Departments of Biochemistry, IGMC&RI, Puducherry in a hybrid mode. In this event the Best Poster Presentation Award was received by Dr. Devanathadesikan, Senior Resident, Ms. Shikha singh, and Ms. Priyadarshini G, PhD Scholars, the 'Best Oral Presentation Award' was won by Mrs. Kamila T, PhD Scholar. Apart from these achivements at the State-Level Biochemistry Quiz, held at Villupuram Medical College on 19th March 2025 our students won First Prize by Dr. S. Shobha, Junior Resident and Dr. Sandhya, Junior Residents and bagged the Second Prize by Dr. Sherin Elizabeth Thomas and Dr. Monika Priya, Junior Residents. A Special appreciation for e-poster was won by Dr. Monika Priya, Junior Resident. Also at the BIOARC – Pedagogy Contest, held from 9th to 11th April 2025 | SRMC, Chennai, Dr. Krithiga – Junior Resident won the 2nd Runner-up in the Pedagogy Contest.

Educational Courses

The department continued with its undergraduate teaching programmes which includes MBBS (187 students), BMLS (40 students), BSc (Allied medical sciences – 32 students) BSc (Nursing) (94 students), MRT (10 students), and MRO (10 students). For post graduates, include MSc (Medical Biochemistry with an annual intake of intake of 4 students (I, II and III year) and MD (Biochemistry) (3 years course) with an intake of 5 students per year. The department regularly conducted seminars, clinical case discussions and journal presentation.

Departmental Activities for the Year

Organised workshop on Good clinical laboratory practice in JIPMER on 2/08/2024.

Organised Conference/CME/Workshop

The dept conducted SZACBICON-2025 at JIPMER, Puducherry from 24-25 January 2025, with Dr. Medha R. as the Organizing Secretary. The South Zone Conference of the Association of Clinical Biochemists of India (SZACBICON-2025) was successfully hosted on 24-25 January 2025 in hybrid (both online and onsite) mode at JISPH Auditorium, JIPMER, Puducherry with the theme "Translation from the bench to the bedside: Emerging trends in clinical biochemistry to improve patient outcomes" by Department of Biochemistry, JIPMER, Puducherry, in collaboration with Department of Biochemistry, IGMC&RI, Puducherry. This flagship event brought together clinicians, researchers, academicians, and students from across the biomedical spectrum under the central theme of translational science in clinical biochemistry. The event unfolded over two days of intensive academic exchange, showcasing state-of-the-art research, emerging diagnostic technologies, and opportunities for professional development. The hybrid format ensured inclusivity, attracting over 200 delegates from across India. Organized the workshop on "Effective Writing of Informed Consent Documents" at the Department of Medicine at Sri Manakula Vinayagar Medical College and Hospital, Puducherry as part of its Research Week Celebrations on 5 February

2025. It was attended by 40 medicine postgraduates and faculty from the Department of Medicine, Sri Manakula Vinayagar Medical College, Puducherry.

The dept conducted various programmes under the chairmanship of Dr. Ramesh. R such as: Unlocking excellence - good clinical laboratory practices - august 2, 2024. CME on good clinical laboratory practices - phlebotomy and pre analytical errors - venkateswara medical college - 25/04/2025. Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry. College Of Medical Laboratory Technology, Realm 2025. Guest Lecture Series - pre analytical errors - 21/02/2025

Faculty Conference Participation

Dr. Zachariah Bobby: Chaired the session on the topic 'Gestational Diabetes Mellitus' during the conference on "Interactive Clinical Biochemistry" on 20th July 2024 at IGMC & RI, Puducherry on 8-4-2023. Participated as a delegate in the National conference on "Unlocking Excellence: Good Clinical Laboratory Practices" held on August 2, 2024, organized by the department of Biochemistry at JIPMER, Puducherry. Served as the resource person for NMC Basic Course in Medical Education (BCME) (5-7 August 2024) at the NMC Nodal Centre for Medical Education Technology, Department of Medical Education JIPMER, Puducherry. Served as the resource person for NMC Curriculum Implementation Support Program (CISP – III) (8-9 August 2024) at the NMC Nodal Centre for Medical Education Technology, Department of Medical Education, JIPMER, Puducherry. Served as the resource person for the Certificate course on Basic Medical Education Technology in Ayurveda (B-Meta) at the VPSV Ayurveda College campus, Kottakkal, Kerala on 10-8-2024 and 14-8-2024 through online participation. Served as the resource person for the Advance Course in Medical Education 2024 at NMC Nodal Center, JIPMER from 19th to 26th August 2024.Served as a resource person for the 91st National Course on Educational Science for Teachers of Health Professionals, JIPMER from 23.09.2024 to 28.09.2024. Served as coordinator and resource person for the Orientation Program in Research Methodology and Ethics for MSc/MPH Students (7 to 9 November 2024). Served as NMC appointed Coordinator to conduct Basic Course in Medical Education from 12th – 14th November 2024 at Pondicherry Institute of Medical Sciences, Puducherry. Served as the resource person for NMC Basic Course in Medical Education (BCME) at the NMC Nodal Centre for Medical Education from 30th Jan 2025 to1st Feb 2025. Served as a resource person for the 92nd National Course on Educational Science for Teachers of Health Professionals, JIPMER from 10.02.2025 to 15.02.2025. Presented a paper entitled "Higher incidence of anemia and clinical utility of indices of iron homeostasis in newly diagnosed breast cancer patients: A cross-sectional study from a regional oncology centre of South India" at the 10th Research Day 2025 on 21st February 2025 under the category of 'Published papers by the faculty'. Served as the resource person for the Advance Course in Medical Education 2025 at NMC Nodal Center, JIPMER Program for First Contact Session from 24-28 February 2025. Served as the resource person for the Advance Course in Medical Education 2025 at NMC Nodal Center, JIPMER for Second Contact Session 28 Feb – 3 March 2025. Delivered a talk entitled "Placental altered insulin signaling and lipid metabolism: Molecular insights into fetal overgrowth in Gestational diabetes mellitus" as distinguished speaker during the National Science Day Celebration held on 28th February 2025 at the Department of Biochemistry and Molecular Biology, Pondicherry University. Served as NMC appointed Coordinator to conduct Basic Course in Medical Education from 5th – 7th March 2025 at Sree Lakshminarayan Institute of Medical Sciences (SLIMS), Puducherry. Served as a resource person for the 'RESIDENTS AS TEACHERS' - A Training Course on Medical Education Technologies for Senior Residents conducted by Dept of Medical Education, JIPMER Academic Centre from 10.03.2025 to 12.03.2025.

Dr. Sharbari Basu: Resource faculty and guest speaker for the national conference on "Recent trends in Biochemistry- a laboratory perspective" at Saveetha Medical college and Hospital, Chennai, on 14.12.2024, on the topic Vitamin B12- unravelling the enigma. Delivered a guest lecture titled, "Lecture? Please don't lecture!" at the Association of Biochemistry Clinical Welfare, AIIMS Raipur, organized by the Department of Biochemistry, AIIMS Raipur on 16.12.2024. Resource faculty for CBME Implementation at AIIMS Gorakhpur on 26.07.2024. External expert for the Board of Studies for B.Sc. MLT at AIIMS Rishikesh on 5.08.2024. Subject Expert for faculty APS and selection at AIIMS Raipur and AIIMS Nagpur respectively on 22.04.2024 and 5.07.2024. External Expert for IEC at Aravind Eye Hospital, Pondicherry. Participated as delegate in a CME on Jaundice across the lifespan -bridging neonatal and adult perspectives at Sri Lakshmi Narayana Institute of Medical Sciences, on 22.11.2024. Participated as delegate in the International Health and Research convention, Conference on Holistic Health Professions Education at MGMCRI on 5.2.2025. Chairperson of a scientific session at at SZACBICON on 24.1.2025. Chairperson of a scientific session at EZACBICON, at AIIMS Kalyani, on 28.2.2025. Participated in workshop on Good clinical laboratory practice in JIPMER on 2/08/2024.

Dr. Ramesh. R: Hands on FTIR - Stanley Medical College - 8 and 9 April 2025. Participated in workshop on Good clinical laboratory practice in JIPMER on 2/08/2024.

Dr. Medha. R: Delivered an invited talk on 'Applications of NGS in Biomarkers Discovery' and participated as resource faculty at the "Workshop on NGS and microarray applications" held on 28 September 2024, at Multipurpose Hall, College of Nursing, JIPMER, Puducherry, organized by Department of Medical Oncology, JIPMER, Puducherry. Delivered the talk on "Immunobiology of Inflammatory Skin Disorders: Biomarkers and Potential Targets", in the 51st Annual meeting of the Indian Immunology Society (IMMUNOCON-2024) at Indian Institute of Science, Bengaluru from 17-20 October 2024. Delivered the talk on "Integrating epigenomic, genomic & proteomic approaches in cardiovascular risk assessment in chronic kidney disease", in the 50th Golden Jubilee Conference of Association of Clinical Biochemists of India (ACBICON-2024) at Chandigarh from 5-7 December 2024. Delivered an invited talk on 'Cardiovascular genomics in psoriasis' and to participate as resource faculty at the 47th Annual Meeting & Golden Jubilee Year of the Environmental Mutagen Society of India (EMSI)-2025 at Annamalai University from 28-31 January 2025. Delivered an invited talk on 'Introduction and elements of informed consent & Preparation and process of taking informed consent' and conducted hands on training on writing the informed consent documents during the workshop on "Effective Writing of Informed Consent Documents" at the Department of Medicine at Sri Manakula Vinayagar Medical College and Hospital as part of its Research Week Celebrations on 5 February 2025. Delivered an invited talk on 'Biomarkers for evaluating cardiovascular risk in chronic kidney disease' and participated as resource faculty at the XIII Annual International Conference of the Indian Academy of Biomedical Sciences (IABSCON-2025), organized by the Department of Biochemistry, AIIMS Bhopal) from 10-13 February 2025. Served as Co-Convener of NMC Advance Course in Medical Education at Department of Medical Education, JIPMER, Puducherry and delivered invited talks on on "Educational research", "Teaching-learning methods-II", "Leadership-leading and managing change, conflict management", "Professionalism and Ethics in Medical curriculum" and was involved as a resource faculty in project planning and curriculum planning sessions at NMC Advance Course in Medical Education for 2024B batch first onsite session at Department of Medical Education, JIPMER, Puducherry from 19-23 August 2024 and also served as resource faculty to facilitate online group discussions from August 2024 to February 2025 for this course at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Served as Co-Convener of NMC Advance Course in Medical Education at Department of Medical Education, JIPMER, Puducherry and delivered invited talks on "Introduction to poster presentation", "Teaching learning methods: Innovative methods, sharing experiences", "Leadership-sustaining change" at NMC Advance Course in Medical Education for 2024A batch second onsite session at Department of Medical Education, JIPMER, Puducherry from 23-26 August 2024 at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Delivered invited talks on "AETCOM-concept and conduct", "Drafting schedule for a phase based on competencies" and participated as resource faculty at the NMC Basic Course in Medical Education (BCME) from 24-26 June 2024 at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Delivered invited talks on "AETCOM module" and participated as resource faculty at the NMC Curriculum Implementation Support Program, CISP–III from 27-28 June 2024 at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Delivered invited talks on "AETCOM-concept and conduct", "Writing a lesson plan" and participated as resource faculty at the NMC Basic Course in Medical Education (BCME) from 5-7 August 2024 at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Delivered invited talks on "AETCOM module" and participated as resource faculty at the NMC Curriculum Implementation Support Program, CISP–III from 8-9 August 2024 at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Coordinated the session on "Ethics in research" and participated as resource faculty at the Phase III contact session for JIPMER Advanced Course in Research Methodology (JACRM) on 29-30 August 2024 at Department of Medical Education, JIPMER, Puducherry. Delivered invited talks on "Giving and Receiving Effective Feedback", "AETCOM and fostering soft skills (co-scholastic abilities)" and "Educational Research" and participated as resource faculty at the 91st National Course on Educational Science for Health Professionals, JIPMER, Puducherry from 23-28 September 2024. Co-ordinator, MSc Orientation Programme and Resource Faculty, MSc Orientation Programme, 7-9 November 2024. Delivered an invited talk on "Ethics in Human Research" and participated as resource faculty for research ethics training at the MSc. Orientation Programme, JIPMER, Puducherry, 7-9 November 2024. Delivered invited talks on "AETCOM-concept and conduct", "Drafting schedule for a phase based on competencies" and participate as resource

faculty at the NMC Basic Course in Medical Education (BCME) from 30 January-1 February 2025 at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Served as Co-Convener of NMC Advance Course in Medical Education at Department of Medical Education, JIPMER, Puducherry and delivered invited talks on "Educational research", "Teaching-learning methods-II", "Leadership-leading and managing change, conflict management", "Professionalism and Ethics in Medical curriculum" and was involved as a resource faculty in project planning and curriculum planning sessions at NMC Advance Course in Medical Education for 2025A batch first onsite session at Department of Medical Education, JIPMER, Puducherry from 24-28 February 2025 and served as resource faculty to facilitate online group discussions from February to August 2025 for this course at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Served as Co-Convener of NMC Advance Course in Medical Education at Department of Medical Education, JIPMER, Puducherry and delivered invited talks on "Introduction to poster presentation", "Teaching learning methods: Innovative methods, sharing experiences", "Leadership-sustaining change" at NMC Advance Course in Medical Education for 2024B batch second onsite session at Department of Medical Education, JIPMER, Puducherry from 28 February-2 March 2025 at the NMC Nodal Centre for Medical Education Technology at the Department of Medical Education, JIPMER, Puducherry. Served as NMC appointed Coordinator to conduct Basic Course in Medical Education from 24-26 March 2025 at VMMC, Karaikal. Member of Committee constituted under Chairmanship of Dean Research for recruitment of laboratory technicians on contract basis for Central Research Facility. Nominated as External Examiner for MBBS Practical Examinations of Pondicherry University at IGMCRI, Puducherry and SVMCH, Puducherry in September 2024. Nominated as External Examiner for MD Practical Examinations of the AIIMS Nagpur in January 2025. Nominated as External Examiner for the evaluation of one PhD thesis from Era University, Lucknow; one PhD thesis from NIMHANS, Bangalore and one PhD thesis from CSIR-IGIB, New Delhi in the period under review. Nominated as President of the Jury for PhD Viva from Department of PSM in February 2025.

Dr. H. Nandeesha: Delivered a talk on ' Male reproductive hormones' at STANBIO REVAMP PG CME at Stanley Medical College, Chennai on 7/10/24 and 8/10/24. Attended conference on 'Interpretive clinical Biochemistry' at IGMCRI, Puducherry from 19 – 07 – 2024 to 20-07-24. Participated in workshop on Good clinical laboratory practice in JIPMER on 2/08/2024.

Dr. Prashant S. Adole: Participated as delegate in a CME on "Good Lab Practice" organized by Department of Biochemistry, JIPMER, Pondicherry on 02/08/2024. Participated as delegate in a conference "The South Zone Association of Clinical Biochemists of India: SZACBICON-2025" organized by Department of Biochemistry, JIPMER, Pondicherry from 24/01/2025 to 25/01/2025.

Dr. Nivedita Nanda: participated as an organizer and as resource faculty for MBBS foundation course from 2nd to 17th September 2024 at JIPMER. Participated as delegate in a CME on "Good Lab Practice" organized by Department of Biochemistry, JIPMER, Pondicherry on 02/08/2024. Participated as Resource person for Advanced Course in Medical Education (ACME) from 19th - 26th August 2024 and from 24th - 3rd March 2025. Participated as Resource person for SR training from 10th -12th March 2025. Participated in organization of the conference "The South Zone Association of Clinical Biochemists of India: SZACBICON-2025" as the scientific committee chairperson, organized by Department of Biochemistry, JIPMER, Pondicherry from 24/01/2025 to 25/01/2025. Participated as Resource person for 91st NTTC course from 23rd to 28th September 2024 and for 92nd NTTC course from 10th to 15th February 2025.

Dr V. Balasubramaniyan: Delivered a plenary presentation at the 32nd Annual Scientific Meeting of the Indian National Association for Study of the Liver (INASL), held in Kochi from August 7-10, 2024. Presented a paper at the Asian Pacific Digestive Week (APDW) 2024, held in Bali, from November 21-24, 2024. Charred a scientific session at the South Zone Association of Clinical Biochemists of India (SZACBICON) 2025, organized by the Department of Biochemistry, JIPMER, Pondicherry, from January 24&25, 2025. Participated as a delegate in a Workshop on Basic Biostatistics, held July 27-28 and August 3-4, 2024, JIPMER, Pondicherry. Participated as a delegate in a CME program on "Good Lab Practice" organized by the Department of Biochemistry, JIPMER, Pondicherry in August 2024.

Dr. G.P. Senthil Kumar: attended conference on 'Interpretive clinical Biochemistry' at IGMCRI, Puducherry from 19 -07 - 2024 to 20-07-24. Participated in workshop on Good clinical laboratory practice in JIPMER on 2/08/2024.

Major events in Department

Visiting Professor

1. Dr. Nanda Kumar D.N., Professor of Neurochemistry, NIMHANS, Bangalore delivered a talk on "Biochemical pathways and targets glioblastoma using 2D and 3D culture models " in the department on 9th July, 2024.
2. Dr. Mohan kumar - delivered a talk on "Therapeutic genome editing for hematological disorders" in the department on 30th August 2024.

Awards and Honours

1. Dr. Medha R: Dr. Krithiga. K, Final Year Junior Resident, Department of Biochemistry won the *ACBI travel fellowship award* for Best Poster Presentation at ACBICON 2024- Golden Jubilee Conference, held from 4th to 7th December 2024 at Hotel Mount View, Chandigarh, for her paper titled "Double trouble: a case report of pseudo-biclonal gammopathy unveiling unique diagnostic challenges" which was done under the *guidance of Dr. Medha R, Professor, Department of Biochemistry* and Co-guide Dr. Stalin Viswanathan, Professor, Department of General Medicine. Priyadarshini G, PhD Scholar, Department of Biochemistry won the *Best Poster Presentation award* at SZACBICON-2025, held from 24th to 25th January 2025 at JIPMER, Puducherry, for her paper titled "Association of candidate gene polymorphisms with chronic kidney disease in South Indian population" which was done under the *guidance of Dr. Medha R, Professor, Department of Biochemistry* and Co-guides were Dr. Sreejith Parameswaran, Professor, Department of Nephrology, Dr. Jayaprakash Sahoo, Professor, Department of Endocrinology, Dr. Sandhiya Selvarajan, Professor, Department of Clinical Pharmacology, Dr. Ananthakrishnan Ramesh, Professor, Department of Radiodiagnosis. Shikha Singh, PhD Scholar, Department of Biochemistry won the *Best Poster Presentation award* at SZACBICON 2025, held from 24th to 25th January 2025 at JIPMER, Puducherry, for her paper titled "Chemokine profile in psoriasis patients: Correlation with disease severity and methotrexate treatment Response" which was done under the *guidance of Dr. Medha R, Professor, Department of Biochemistry* and Co-guide was Dr. Malathi Munisamy, Additional Professor, Department of Dermatology.
2. Dr V. Balasubramaniyan: Grant Reviewer European Science Foundation. Member the European Association for the Study of the Liver. Member, International Society for Hepatic Encephalopathy and Nitrogen Metabolism.

Administrative Assignments

Dr. Zachariah Bobby: Member of Departmental Promotion Committee (DPC), JIPMER. Member Secretory of PhD RMC. Member of Intramural fund allotment committee. Member of the committee to analyse the legal fee bill of legal counsel for the Institute. Member of the Modified Assured Career Progression (MACP) screening committee. Member of Institute Animal Ethics committee. Served as acting Dean (Research) in the absence of regular Dean. Served as a resource person in the Dept. of Medical Education. Member of GFR 155 committee. Served as the chairman of the committee constituted to review the endowment prizes to be awarded during the convocation 2024-2025. Officer in charge of Central Research facilities.

Dr. Sharbari Basu: Chairperson of Condemnation committee for condemnation of costly items. Member of ICCW.

Dr. Medha R: Member of the Committee constituted by the Dean, School of Medical Sciences, Pondicherry University to evaluate the applications of the faculty for recognition of Supervisor for guiding of PhD scholars. South Zone representative of the Association of Clinical Biochemists of India (ACBI). South-Zone In-Charge of the Indian Academy of Biomedical Sciences (IABS). Academic Council Nominee (Subject Expert) for the Board of Studies (Autonomous Status) in the Department of Biosciences for the programme B.Sc. Biotechnology at Sri Manakula Vinayagar Engineering College (Autonomous), Puducherry. External Member for the Board of Studies (Biochemistry) at Kasturba Medical College, Manipal Academy of Higher Education. Mentor for PSG-FAIMER Research Institute, Coimbatore to guide the FAIMER fellows for Foundation for Advancement of International Medical Education and Research (FAIMER) Fellowship for their projects. Webinar Coordinator, Indian Academy of Biomedical Sciences. Member in constituted Institute Committees. Co-ordinator, Bioinformatics Facility, Central Research Facility, JIPMER, Puducherry. Co-convener for Advanced Course in Medical Education, NMC Nodal Centre for Faculty Development Programmes, JIPMER, Puducherry & Core Group Faculty of the Medical Education Department and actively involved in capacity building programmes and courses at NTTC, JIPMER, Puducherry. Co-ordinator, Module on "Ethics in Research", PhD Capacity Building Programme, Division of Research, JIPMER. Co-ordinator, MSc. Orientation Programme, JIPMER. Observer, Post Graduate Research Monitoring Committee, Department of Obstetrics and Gynecology, JIPMER. Member, Co-ordination

Committee for JIPMER Advanced Course on Research Methodology (JACRM) & Module Coordinator, Ethics in Research Module and Resource Faculty for Ethics in Research Module, Critical thinking, Creativity and Soft Skills Module and Adult Learning and Teaching Module in JACRM Second Session. Member, Innovation Developmental Project Review Committee (IDPRC), Division of Research, JIPMER. Judge for CONNAISANCE-2025 and JIPMER Research Day-2025. Scientific Committee Member & Co-ordination Committee Member, JIPMER Research Day-2025. Member, Committee to review permitted items under LRA, JIPMER. Judge, CONNAISANCE and Judge, JIPMER Research Day. Member, OPEX Committee. Member, Committee to review Pending Court Cases. Member, JIPMER Committee for Biomedical Engineering Services. Member, Doctoral Committee for PhD students in the Department of Biochemistry, Medical Oncology, and Dermatology, JIPMER. PhDRMC Nominee in the Doctoral Committee for PhD students in the Department of Anatomy, Pharmacology and Preventive & Social Medicine, JIPMER.

Dr. H. Nandeesha: Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies. Member in constituted Institute Committees. Member of Ph.D research monitoring Committee and Effluent treatment plant committee. Warden for Harvey house III. Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies. State representative of Association of Clinical Biochemists of India, Member of Association of Medical Biochemists of India, Member of Indian Association of Biomedical Science.

Dr. Prashant S. Adole: Member of Association of Medical Biochemists of India and Association of Clinical Biochemists of India. Member of Indian Academy of Biomedical Sciences. Member of Institute store article purchase committee as Assistant OIC-Purchase section. Member of Hospital store article purchase committee as Assistant OIC-Purchase section. Member of Equipment requirement and review committee and Equipment purchase committee as Assistant OIC-Purchase section. Member of GeM committee. Member of Institute annual report committee. Member of Laboratory service group, JIPMER.

Dr. Nivedita Nanda: Member of Association of Clinical Biochemists of India (ACBI). And Member of Indian Academy of Biomedical Sciences (IABS). Member of Institute of Biosafety Committee (IBSC). Member of Institute Annual Report committee (ARC). Member of Institute Fire Safety committee (IFSC). Dr Nivedita Nanda is the 'Treasurer' of the Alumni Association of the National Teachers Training Centre at JIPMER (AANJ).

Dr Balasubramaniyan V: Served as a technical expert for pre-bid meeting for Medical equipment's for AIIMS. Nodal officer: CSIR. Member, Institutional Ethics Committee for Nursing courses (Human studies). Officer in-charge, Biochemistry Store, Department of Biochemistry, JIPMER. Member, Institute Animal House Renovation Committee.

Dr. G.P. Senthil Kumar: Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies. Nomination of inspection officers for the purpose of condemnation/breakage of items in department of Surgical Gastroenterology, Surgical Oncology, Endocrinology, Nephrology, Medical Gastroenterology, Clinical Immunology. Nodal Officer for Departments website committee. Member of Association of Medical Biochemists of India, Member of Indian Association of Biomedical Science.

Department of Biostatistics

Faculty List

Senior Professor & Head

- Dr. N. Sreekumaran Nair, PhD FSMS

Assistant Professor

- Dr. K.T. Harichandrakumar, PhD
- Dr. Jang Bahadur Prasad, PhD

Senior Biostatistician - on Contract

- Mrs. R. Anusuya, M.Sc.

Departmental Highlights of the Year 2024-25

Department conducted Biostatistics component orientation programs for SIX batches of MD/MS/ DM/M.Ch. residents, ONE orientation for MSc allied science/Nursing and ONE orientation for PhD scholars during the reporting year. Faculty members participated and presented papers in the 42nd Annual National Conference of Indian Society for Medical Statistics which was held during November 2024. Department faculty members published good number of papers in indexed journals and contributed to the institute faculty publications. One of the MSc Student has won the prestigious Prof. R. N. Srivastava award for the Best Young Researcher in Biostatistics and also the prestigious Prof. K. R. Sundaram Best Young Research Scholar award in the 42nd ISMS Conference in the reporting year.

Educational Courses

The Department is running Master's programme in Biostatistics with two years duration. The programme started in 2015 and annually the Department, admit TWO students through National level entrance examination which has been increased now to FIVE students. Department started the full-time PhD programme in Biostatistics during 2017 and admission for PhD is also through National level entrance examination. In addition, department initiated a JIPMER Research Leadership Mentoring Programme (JRLMP) in 2017. Under this programme, every year, Department is running two weeks of intensive training with an admission of 30 participants. All participants are faculty members from various National Level Institutes. The sixth batch of training were completed during the academic year 2024-2025.

The Department also hold the responsibility of regular teaching of Biostatistics, Demography and Research Methodology to the students of the following courses:

- **Undergraduate Courses**: MBBS (3rd, 5th and 7th Semesters), B.Sc. Nursing (3rd Year), B.Sc. AHS & BMLS (1st Year).
- **Postgraduate Courses**: MD and MS (1st & 3rd Year), M.Sc. Nursing (1st Year), M.Sc. Medical Biochemistry (2nd Year), M.Sc. Medical Physiology (2nd Year), M.Sc. Neurotechnology (2nd Year), M.Sc. MLT Pathology (2nd Year), M.Sc. Microbiology (2nd Year) and Post Basic Diploma in Nursing.
- **Trainees**: Medical Records Officer / Medical Records Technician.
- **Research Courses**: PhD Course work for 6 months.

Departmental Activities for the Year 2024 - 2025

Organised Conference/CME/Workshop

- The Department, conducted the Workshop on "Basic Clinical Biostatistics" for the undergraduate medical students as part of Undergraduate Medical Students International Conference (CONNAISSANCE 6.0) at JIPMER on 28th June 2024. The sessions for this programme were conducted by Dr. N. Sreekumaran Nair, Dr. K.T. Harichandrakumar, Dr. Jang Bahadur Prasad and Mrs. R. Anusuya.
- The Department, conducted the Workshop on "Systematic Review & Meta Analysis" for the undergraduate medical students as part of Undergraduate Medical Students International Conference (CONNAISSANCE 6.0) at JIPMER on 29th June 2024. The sessions for this programme were conducted by Dr. N. Sreekumaran Nair, Dr. K.T. Harichandrakumar and Dr. Jang Bahadur Prasad.
- In conjunction with the celebration of National Statistics Day, the Department of Biostatistics, organized a Master Minds Quiz competition on 4th July 2024 and awarded cash prize for the Winner and first Runner up.
- In conjunction with the celebration of National Statistics Day, the Department organized "3rd StatClave" an Online Seminar cum Summit of Young Biostatisticians/ Statisticians for the Undergraduate and Postgraduate Students/ Ph.D. Scholars and Young Professionals in Statistics/ Biostatistics in India on 6th July 2024. Dr. N. Sreekumaran Nair was the Organizing Chairman and Dr. K. T. Harichandrakumar was the Organizing Co-Chairman of this programme. Three online talks, a panel discussion with Experts and an open forum for young Biostatisticians/ Statisticians were conducted in this online seminar.

- The Department conducted 6th JIPMER Research Leadership Mentoring Programme (JRLMP-6) which was organized in two phases during 21st to 25th October 2024 (Phase I) and 20th to 24th January 2025 (Phase II). A total of 30 Faculty members from National Institutes namely JIPMER Pondicherry, AIIMS Bhopal, AIIMS Jodhpur, AIIMS Raipur, AIIMS Bibinagar, AIIMS Patna, AIIMS Nagpur, AIIMS Mangalagiri, AIIMS Madurai, SGPGI Lucknow and various medical institutes were participated. *The Objective of Phase I was to train them to develop a good research proposal and the topics covered were Research Designs, Research Methods & Methodology, Sample size estimation, Developing Analysis plan, Structure and functions of DSMS and development of research proposals. Phase II covered various data analysis techniques, presentation of results and interpretations and Ethics in Medical research.* Dr. N. Sreekumaran Nair, Dr. K.T. Harichandrakumar, Dr. J B Prasad and Mrs. R. Anusuya were served as Resource Persons from the Department. We also invited many external faculty expert to conduct various sessions.
- The Department conducted three days PG Orientation Programme on Biostatistics and Scientific Writing for Final year MD/MS and DM/MCh residents. The programme was conducted twice in the reporting year; one batch during 20th to 22nd June 2024 & another batch during 9th to 11th January 2025. The objective of the programme was to sensitise and also to provide hands-on training to the residents for analysing their data, preparing appropriate tables and interpreting the results. The programme was scheduled with various components in Biostatistics and each component consisted of a brief lecture on the concept followed by demonstration and hands-on training with data.
- The Department conducted First year PG Orientation Program, TWO times and two batches each time on Research Methodology for 1st year MD/MS residents in the reporting year which was organized by Medical Education Department and Biostatistics sessions was co-ordinated by Dr. N. Sreekumaran Nair. The first, PG orientation for 1st year MD/MS residents conducted during 13th & 14th August 2024 (Batch A) and during 3rd & 4th October 2024 (Batch B) and the second one during 4th & 5th February 2025 (Batch A) and during 17th & 18th March 2025 (Batch B). The Biostatistics component included study designs, sample size computations, data analysis plan and reporting of statistical results in medical research. Dr. N. Sreekumaran Nair, Dr. K.T.Harichandrakumar, Dr. J B Prasad and Mrs.R.Anusuya were conducted different sessions in this program.
- The Department conducted Orientation Program on Research Methodology for 1st year M.Sc./MPH students of Allied Medical Sciences and Nursing which is organized by the Department of Medical Education and co-ordinated by Dr. N. Sreekumaran Nair from 7th to 9th November 2024. The Biostatistics component included study designs, sample size computations, data analysis plan and reporting of statistical results in medical research. Dr. N. Sreekumaran Nair, Dr. K.T. Harichandrakumar Dr. J B Prasad and Mrs.R.Anusuya conducted different sessions in this program.
- The Department conducted the orientation programme for I year ICMR - JIPMER PhD scholars of the Institute.
- The Department of Biostatistics conducted two days Faculty Orientation Programme (JACRM) on Research Methodology Biostatistics JIPMER Faculties during 29th & 30th August 2025. This programme was organised by the Department of Medical Education and Biostatistics components were coordinated by Dr. N. Sreekumaran Nair. The discussion on Research Methodology & Biostatistics on were delivered by Dr. J B Prasad and Mrs. R Anusuya.
- The Department conducted the training programme for the MDS students from Mahatma Gandhi Post Graduate Institute of Dental Sciences, Puducherry who have been posted for clinical posting in the Department from 3rd March 2025 to 8th March 2025. Various sessions on Research Methodology and Basic Biostatistics were conducted by Dr.N.Sreekumaran Nair, Dr.K.T.Harichandrakumar, Dr. J B Prasad and Mrs. R. Anusuya.
- The Department organized an Orientation on Survival Analysis methods for JIPMER faculty members on 22nd March 2025 & 29th March 2025.

Faculty Conference Participation

Dr. N. Sreekumaran Nair

- Resource person for the Workshop on Clinical Biostatistics and Workshop on Systematic Review and Meta Analysis for the undergraduate medical students as part of Undergraduate Medical Students International Conference (CONNAISSANCE) at JIPMER on 28th June 2024 and 29th June 2024 respectively.
- Resource person for the Online Seminar cum Summit of Young Biostatisticians/Statisticians (StatClave-2024) conducted by Department of Biostatistics, JIPMER, Puducherry on 6th July 2024.
- Resource person for the National Workshop on Fundamentals of Epidemiological Studies and Randomized Controlled Trials: Design, Conduct and Analysis during 8th to 12th July, 2024 at Department of Statistics, University of Kerala.

- Resource person for the Workshop on Research Design and Biostatistics during 31st July, 2024 to 2nd August, 2024 at AIIMS, Raipur.
- Chief Co-ordinator and Resource Person for the 6th JIPMER Research Leadership Mentoring Programme (JRLMP-6), Organised by the Department of Biostatistics, JIPMER, Puducherry during the period from 21st to 25th October 2024 (Phase-I) and from 20th to 24th January 2025 (Phase-II).
- Invited to Deliver a Talk in the Winter School in Biomedical Optics at IIIT Kancheepuram, Chennai on 8th January, 2025.

Dr. K.T. Harichandrakumar

- Resource person for Workshop on Data Analysis using JAMOVI on 2nd April, 2024 organized by the Dept. of Community Medicine, Govt. Medical College at Ernakulam, Kerala.
- Resource person for Workshop on Research Methodology for Undergraduate during 6th and 7th April, 2024 organized by ESIC Medical College & Hospital, Chennai.
- Resource person for the National Seminar on Systematic Review and Meta Analysis - Nursing Perspectives on 26th June, 2024 organized by Dept. of Community Health Nursing, Vinayaka Mission's Puducherry Campus.
- Resource person for the Workshop on Clinical Biostatistics and Workshop on Systematic Review and Meta Analysis for the undergraduate medical students as part of Undergraduate Medical Students International Conference (CONNAISSANCE) at JIPMER on 28th June 2024 and 29th June 2024 respectively.
- Resource person for Research Capacity Building Workshop under Indian Stroke Clinical Trial Network at JIPMER, Puducherry on 5th July, 2024.
- Resource person for the Online Seminar cum Summit of Young Biostatisticians/Statisticians (StatClave-2024) conducted by Department of Biostatistics, JIPMER, Puducherry on 6th July 2024.
- Resource person for the Workshop on Research Design and Biostatistics during 31st July, 2024 to 2nd August, 2024 at AIIMS, Raipur.
- Resource person for the Workshop on Regression Analysis in Medical Research at NIMHANS, Bangalore during 7th to 8th August, 2024.
- Resource Person for the 6th JIPMER Research Leadership Mentoring Programme (JRLMP-6), Organised by the Department of Biostatistics, JIPMER, Puducherry during the period from 21st to 25th October 2024 (Phase-I) and from 20th to 24th January 2025 (Phase-II).
- Resource person / Panellist for the International Homeopathic Conference (ACE-2024) at Trivandrum, Kerala during 30th November, 2024 to 1st December, 2024.
- Resource person for the Residential Workshop on Database Management and Basic Statistical Analysis during 6th to 8th December, 2024 organized by Department of Homeopathy, Department of AYUSH, Govt. of Kerala at Aluva, Kerala.
- Resource person for the National Workshop on Regression Analysis in Medical Research at NIMHANS, Bangalore during 13th to 14th February, 2025.

Dr. Jang Bahadur Prasad

- Resource person for the Workshop on Clinical Biostatistics and Workshop on Systematic Review and Meta Analysis for the undergraduate medical students as part of Undergraduate Medical Students International Conference (CONNAISSANCE) at JIPMER on 28th June 2024 and 29th June 2024 respectively.
- Organizing member and participated in the Online Seminar cum Summit of Young Biostatisticians/ Statisticians (StatClave-2024) conducted by Department of Biostatistics, JIPMER, Puducherry on 6th July 2024.
- Resource Person for the 6th JIPMER Research Leadership Mentoring Programme (JRLMP-6), Organised by the Department of Biostatistics, JIPMER, Puducherry during the period from 21st to 25th October 2024 (Phase-I) and from 20th to 24th January 2025 (Phase-II).
- Participated and presented a paper in the 6th Asian Population Association Conference, during 27th to 30th November, 2024 at Kathmandu City, Nepal.
- Resource person for the Workshop on Systematic Review and Meta Analysis in Public Health Research during 19th and 21st February, 2025 organized by Institute of Health Management Research (IIHMR), Bangalore.

Mrs. R. Anusuya

- Resource person for Workshop on Research Methodology for Undergraduate during 6th and 7th April, 2024 organized by ESIC Medical College & Hospital, Chennai.
- Resource person for the Workshop on Clinical Biostatistics for the undergraduate medical students as part of Undergraduate Medical Students International Conference (CONNAISSANCE) at JIPMER on 28th June 2024.

- Quiz Mistress for the Quiz Competition "Master Minds" organized by the Dept. of Biostatistics on 4th July 2024.
- Organizing member and participated in the Online Seminar cum Summit of Young Biostatisticians/ Statisticians (StatClave-2024) conducted by Department of Biostatistics, JIPMER, Puducherry on 6th July 2024.
- Resource person for the Workshop on Research Design and Biostatistics during 31st July, 2024 to 2nd August, 2024 at AIIMS, Raipur.
- Resource Person for the 6th JIPMER Research Leadership Mentoring Programme (JRLMP-6), Organised by the Department of Biostatistics, JIPMER, Puducherry during the period from 21st to 25th October 2024 (Phase-I) and from 20th to 24th January 2025 (Phase-II).
- Resource person for the Residential Workshop on Database Management and Basic Statistical Analysis during 6th to 8th December, 2024 organized by Department of Homeopathy, Department of AYUSH, Govt. of Kerala at Aluva, Kerala.

Participation in Health Camps/ Public Health Awareness/ Education Programme:

Dr. N. Sreekumaran Nair

- Invited as an expert member in the Empowering Research, Enhancing Proficiency: A Homoeopathy Symposium, organized by the Central Council of Homoeopathy, Ministry of AYUSH held at Council Headquarter, New Delhi during 10th April 2024 to 11th April 2024.
- Invited as an "Expert Committee Member" for the Standing Senior Staff Selection Committee meeting at Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, Kerala on 19th June 2024.
- Invited as a "External Examiner" to conduct the VIVA-VOCE Examination of a PhD Scholar in Dept. of Population Studies at Annamalai University, Chidambaram on 23rd September 2024.
- Invited as an "Esteemed Expert Member" to the hybrid Project Selection Committee meeting ICMR on 14th October, 2024.
- Attended the Governing Council Meeting & the General Body Meeting and Chaired some sessions as a President elect of the ISMS Society, in the 42nd Annual National Conference of the Indian Society for Medical Statistics (ISMSCON - 2024) held at Banaras Hindu University, Varanasi from 21st to 23rd November, 2024.
- Invited as a "Member" to the Advisory Board meeting of the Jubilee Centre for Medical Research, Thrissur, Kerala on 7th December, 2024.

Dr. K.T. Harichandrakumar

- Invited as an "External Examiner" for the MSc Biostatistics Examinations at Dept. of Biostatistics, NIMHANS, Bangalore during 18th and 19th June 2024.
- Invited as an "External Expert Member" for the Institute Scientific Advisory Committee of AIIMS, Bilaspur during 27th & 28th August 2024.
- Attended the meeting of the Sub-Committee of the Scientific Advisory Board of the Department of Homeopathy, Govt. of Kerala as an "Member" on 1st October 2024.
- Attended the Governing Council Meeting & the General Body Meeting and Chaired some sessions as a Governing Council member of the ISMS Society, in the 42nd Annual National Conference of the Indian Society for Medical Statistics (ISMSCON - 2024) held at Banaras Hindu University, Varanasi from 21st to 23rd November, 2024.
- Participated in the 4th National Legend Doctors Cricket League Tournament representing JIPMER in Faridabad from 28th February, 2025 to 2nd March, 2025.

Mrs. R. Anusuya

- Attended the General Body Meeting as a member of the ISMS Society, and participated in the 42nd Annual National Conference of the Indian Society for Medical Statistics (ISMSCON - 2024) held at Banaras Hindu University, Varanasi from 21st to 23rd November, 2024.

Major Events in the Department

Awards and Honours

- Mrs. A. Rajeswari, Final year MSc Student of the department has won the most prestigious Prof. R. N. Pillai Best Postgraduate thesis award in Statistics/ Biostatistics in the National Conference on Current Development in Statistics (NCCDS-2024) held at Dept. of Statistics, University of Kerala during 27th to 29th June, 2024.
- Dr. N. Sreekumaran Nair, Senior Professor and Head of the Department taken over charge as the President of Indian Society for Medical Statistics (ISMS) from 1st January 2025.
- Dr. K T Harichandrakumar, Assistant Professor of the Department elected as the Governing Council member of the Indian Society for Medical Statistics (ISMS) in the reporting year.

- Dr. Akash Mishra, Ph.D. Scholar of the department has been awarded with the very prestigious Prof. R. N. Srivastava award for the Best Young Researcher in Biostatistics in the 42nd Annual Conference of Indian Society for Medical Statistics (ISMSCON-2024) held at Banaras Hindu University, Varanasi from 21st to 23rd November, 2024.
- Dr. Sachit Ganapathy, Ph.D. Scholar of the department has been awarded with the prestigious Prof. K. R. Sundaram Best Young Research Scholar award in the 42nd Annual Conference of Indian Society for Medical Statistics (ISMSCON-2024) held at Banaras Hindu University, Varanasi from 21st to 23rd November, 2024.
- Mrs. A. Rajeswari, Final year MSc Student of the department has been selected for the prestigious Prof. R. N. Srivastava award for the Best Young Researcher in Biostatistics in the 42nd Annual Conference of Indian Society for Medical Statistics (ISMSCON-2024) held at Banaras Hindu University, Varanasi from 21st to 23rd November, 2024.
- Mrs. A. Rajeswari, Final year MSc Student of the department has been selected for the prestigious Prof. K. R. Sundaram Best Young Research Scholar award in the 42nd Annual Conference of Indian Society for Medical Statistics (ISMSCON-2024) held at Banaras Hindu University, Varanasi from 21st to 23rd November, 2024.

Administrative Assignments

Prof. N. Sreekumaran Nair

- President of Indian Society for Medical Statistics (ISMS) and life member of Kerala Statistical Association.
- Member of the International Biometric Society-Indian Region.
- Statistical Editor for Cochrane Public Health, Editorial board member of Indian Pacing and Electrophysiology Journal and Editorial board member of Journal of Neuroanaesthasiology and Critical care.
- Chair the DSMB of ICMR Probiotics trials and member of DSMB at ICMR-NIRT. Also the member of the Research Area Panel on Cardiovascular diseases at ICMR-NCDIR.
- Chair the Board of studies of Biostatistics at University of Calicut, Kerala.
- Co-guide of PhDs and MD/MS.
- Internal Examiner for M.Sc. Biostatistics Examinations at JIPMER, Puducherry.
- Member of various committees within the institute namely JIPMER Scientific Advisory Committee (JSAC), PG Research Monitoring Committee of various departments, Doctoral Committee of PhD Candidates, PhD RMC representative and Chair of DSMB.
- Co PI for many Multicentre Projects.
- Organizing Chairman of the Online Seminar cum Summit of Young Biostatisticians/Statisticians (StatClave-2024) conducted by Department of Biostatistics, JIPMER, Puducherry.
- Chief Coordinator of the 6th JIPMER Research Leadership Mentoring Programme (JRLMP) conducted by Department of Biostatistics, JIPMER, Puducherry.

Dr. K. T. Harichandrakumar

- External Member of the Scientific Advisory Committee of AIIMS Patna.
- External Member of the Scientific Advisory Committee of AIIMS Bilaspur.
- External Member of the Scientific Advisory Committee of AIIMS Raipur.
- External Member of the Scientific Advisory Board, Department of Homeopathy, Government of Kerala.
- Member Secretary of the Biostatistics PG Research Monitoring Committee.
- Guide for one MSc Biostatistics student, co-guide for many MD/ MS/ DM/ MCh residents and PhD Scholars.
- Member of the PG Research Monitoring Committee of various departments and attended its meeting.
- Member of the Undergraduate Research Monitoring Committee.
- Member of the Nursing Research Monitoring Committee of the Institute and attended its meeting.
- Member of DSMB.
- Member of the Board of Examiners for the M.Sc. Degree Practical/ Clinical / Oral Examinations, JIPMER, Puducherry during August 2024.
- Organizing Co-chairman of the Online Seminar cum Summit of Young Biostatisticians/Statisticians (StatClave-2024) conducted by Department of Biostatistics, JIPMER, Puducherry.
- Joint Coordinator of the 6th JIPMER Research Leadership Mentoring Programme (JRLMP) conducted by Department of Biostatistics, JIPMER, Puducherry.
- Coordinator of the Biostatistics component in the Orientation Programme.
- Coordinator of the Biostatistics Classes of MSc Nursing.
- Class Coordinator for I year MSc Biostatistics.
- Bulletin correspondent of International Biometric Society-Indian Region.

- Governing Council member of Indian Society of Medical Statistics (ISMS).
- Life Member of Indian Society for Medical Statistics & Kerala Statistical Association.
- Member of the International Biometric Society-Indian Region.
- Reviewer of scientific journals.
- Administrative Assistance to the Department in all the academic and research related activities.

Dr. Jang Bahadur Prasad

- Organizing committee member of JIPMER Research Leadership Mentoring Programme (JRLMP).
- Member of the PG Research Monitoring Committee of various departments in the Institute.
- Class Coordinator for II year MSc Biostatistics.
- Coordinator for Biostatistics Classes of BSc Nursing, BSc AHS, MRT/MRO.
- Life member of the Epidemiology Foundation of India (EFI).
- Life Member of the Indian Association for the study of population (IASP).
- Life member (Membership no. 1266) of the Indian Association for Social Sciences and Health (IASSH).
- Life member of 'Indian Society for Medical Statistics'
- Member of 'International Union for the Scientific Study of Population (IUSSP).
- Life member of the International Institute for Population Sciences Alumni Association (IIPSAA)

Mrs. R. Anusuya

- Nodal Officer of the Department Website Updates.
- Organizing committee member of JIPMER Research Leadership Mentoring Programme (JRLMP).
- Member of the PG Research Monitoring Committee of various departments in the Institute.
- In-charge of Software training for M.Sc. Biostatistics students.
- Life Member of the Indian Society for Medical Statistics.
- Coordinator for Biostatistics Classes of MSc AHS.
- Administrative, Academic and Scientific Support in all activities and functions of the Department.

Department of Cardiology

Faculty List

Professors

- Raja Selvaraj (Head)
- Santhosh Satheesh

Associate Professor

- Avinash Anantharaj

Assistant Professors

- Shaheer Ahmed
- Bhagwati Prasad Pant
- Manjit Mahendran
- Sataroopa Mishra

Departmental Highlights

The Department of Cardiology at JIPMER takes pride in maintaining its status as a centre for excellence in all the domains of cardiology- neonatal, paediatric, and adult interventions for congenital, valvular, coronary, peripheral and electrophysiology disorders of the heart and circulatory system. The Department provides cutting-edge training, treatment and research in the field. With three State of the art Cath labs with advanced technology which has benefited patients from all over the country. The DM Cardiology training program of the department, with an annual intake of four students, is one of the most sought-after teaching programs in India. Department also has one post doctoral fellowship seat in electrophysiology and interventional cardiology fellowship each. Our BSc (Cath lab technology) program produces 4 graduates every year who have gone on to work in prestigious institutions across the country and abroad.

Educational Courses

The Department provides training in Cardiology Super speciality Course- DM (Cardiology) with an annual intake of four trainees. One additional seat is available for sponsored candidates. Four residents completed their training during the period under the report. As on 31st March 2025 , there are eleven residents undergoing training.

BSc (CLT – Cath Lab Technology) is conducted by the Department of Cardiology with four students selected every year. Presently there are sixteen students undergoing training in the Department.

A 2-year institute recognised fellowship program for post DM/DNB in Electrophysiology has been started in the year 2019-2020 and two Fellows in Electrophysiology are undergoing training at present. As on March 2025, four fellows have successfully completed the course.

A one year fellowship program for post DM/DNB in Intervention Cardiology is also approved by the institute.

Departmental Activities for the Year

Organised Conference/ CME/ Workshop

- CONNAISSANCE – ECG and Echocardiography workshop for MBBS students of various institutions, 29-06-2024
- "Workshop on 3D mapping" was conducted by the department from 04 to 06 August 2024 with Dr. Krishnakumar Nair from University of Toronto as visiting faculty.
- Renal denervation therapy – hands-on workshop held in the department on 10-08-24.
- Intracardiac Echocardiography workshop was conducted with live case demo on 29-05-2024.
- Workshop on managing complications during PCI was conducted on November 29 2024.
- Workshop on ECGs conducted by the department for nursing staff as a part of Continuing nursing education on 08 February 2025.
- DCB and AVVIGO IVUS workshop, organized by the Department of Cardiology, JIPMER held on March 8th, 2025.

Faculty Conference Participation

Dr Raja Selvaraj

Dr. Raja Selvaraj participated in the APHRS Cardiac Rhythm Device Therapy Curriculum: Pacing module, a training program held at Delhi on 27 and 28 April 2024 and spoke on "Non conventional pacing indications" and "Basic implant technique". Dr. Raja Selvaraj was an invited speaker at the International Cardiogenetics Symposium held at Kauvery hospital, Chennai on 06 April 2024 and presented a case based discussion on dilated cardiomyopathy. Dr. Raja Selvaraj participated in EP fellows bootcamp held at Deenanath Mangeshkar Hospital and Research Center, Pune and delivered talks on "Approach to pacing maneuvers", "Difficult AVNRT", "Difficult AVRT", "ILVT and BBRT" and "Scar VT ablation". Dr. Raja Selvaraj was one of two invited speakers from India to participate in the "East meets West" session at the Heart Rhythm Society annual conference at Boston, USA and spoke on "The lingering impact of COVID 19 arrhythmias: The Indian perspective" on 19 May 2024. Dr. Raja Selvaraj participated in the APHRS Asia interventional EP curriculum: SVT module held at

Delhi on 6 th and 7 th July 2024 and spoke on "AVRT – Best target for ablation" and was one of the presenters in the "EGM quiz". Dr. Raja Selvaraj was an invited speaker at the "CIEDs in heart failure" conference held in Chennai on 11 Aug 2024 and spoke on "Inadequacies of current CIEDs in HF management". Dr. Raja Selvaraj was an invited speaker at the APHRS annual conference at Sydney, Australia from 26 to 29 september 2024 and spoke on "AVNRT with VA dissociation and other unusual variants". In the Indian Heart Rhythm annual conference held at Kolkata from 15 to 17 November, Dr. Raja Selvaraj spoke on "Paraseptal pathway ablation – Expert's experience". Dr. Raja Selvaraj was an invited speaker at the Cardiac Device Conclave 2024 held at Trichy and spoke on "Conduction system pacing for CRT". He spoke on " Arrhythmias after MI" and "Conduction system pacing" at the Joint

International Conference (JIC) held at Ahmedabad on 10-12 January 2025. On 19 January 2025, Dr. Raja Selvaraj spoke on "How to set up the EP lab" for the online series "How do I do ." organized by the Indian Heart Rhythm Society. Dr. Raja Selvaraj was one of the invited faculty for the EP Fellows bootcamp held on 25 and 26 January 2025 at Pune and spoke on "Setting up the EP lab", "Pacing maneuvers", "AVRT ablation", "Ablation of atrial flutter" and "mapping and ablation of atriofascicular pathways". At the annual meeting of the Indian Society of Heart Research, held at IITM on 22 March 2025, Dr. Raja Selvaraj spoke on "Wearable devices". Dr. Raja Selvaraj was an invited speaker at the SPACE conference 2025 held at SRM Chennai on 16 March 2025 and spoke on "Uncommon pathways".

Dr Santhosh Satheesh

Dr Avinash Anantharaj

Dr. Avinash Anantharaj Participated in the 28 th Annual CSI Frankfurt conference from June 18-21 2024 at Frankfurt Germany and presented 2 challenging cases on 1.RPA- LA fistula device closure in an infant 2.PDA device closure in a preterm LBW infant. He participated in the 19 th Annual conference of the Indian Society of Cardiology in Allepey held from October 18 th -20 th 2024 and delivered a lecture on "Atrial septal defect: choosing the right device for the right anatomy and TEE assessment"on 18 th October 2024. He Participated in the PCSI Regional focused symposium on pediatric pulmonary hypertension held on 18 th May 2024 at the Madras Medical Mission Hospital in Chennai and delivered a lecture on "Overview of pediatric pulmonary hypertension" and was one of the quiz masters in the pediatric pulmonary hypertension PG quiz. He Participated in a conference of Cardiac Technology students at Sri Lakshmi Narayana Institute of Medical sciences on 26 th September 2024 and delivered a lecture on "Complications during catheter interventions for congenital heart diseases". He participated in CURE 2024 a conference at Sri Ramachandra Medical College Chennai on 24 th August 2024 and delivered a lecture on "Coronary guiding catheter selection". He Participated in Cardiac Device Conclave 2024 at Kaveri Hospitals Trichy on 2 nd November 2024 and delivered a lecture on "Tips and traps in ASD and VSD device closure". He Participated in the 4 th Cardiac Intervention conference held at AG Padmavathi Hospital, Puducherry on 14 th February 2025 and delivered a lecture on "Balloon dilatation of pulmonary stenosis and aortic stenosis". Participated in the GIAN course on long term follow up and cardiovascular management in pediatric medium vessel vasculitis held in PGIMER Chandigarh between 22 nd -26 th March 2025 and delivered lectures on a)" Role of direct acting oral anticoagulants in children with Kawasaki Disease (KD) and coronary artery lesions" and b) "Practical hands on echo demonstration of LV function assessment in children with KD.

Dr. Shaheer Ahmed A

Dr. Shaheer Ahmed A, presented a clinical case at Dr. Kothari Best clinical case award session at the annual conference of pediatric cardiac society of India held at Kochi in November 2024. He also presented a clinical case in the best clinical cases session at AICT- Asia PCR 2024 held in October in Singapore. He also presented multiple clinical cases at leading national cardiology conferences like India Live 2025, CSI NIC midterm Meet 2024, HFAI 2025, TCT India 2024 and IPCI 2024. He also presented three clinical cases at American College of Cardiology- ASIA (ACC ASIA 2024) conference in New Delhi in 2024.

Dr. Bhagwati Prasad Pant

Dr. Bhagwati Prasad Pant was invited as a faculty in 'Back to Basics- 2025' conducted by the department of cardiology at SCTIMST, Trivandrum in January 2025. He participated as a moderator faculty in the simulator session on Rotablation and delivered a talk on "Coronary guidewires". He also gave a talk on complex structural intervention at India valves 2024 held at Chennai. He was invited as National Faculty and delivered a lecture on "Rotablation-Tips and Tricks" at UKCSI held at Dehradun in December 2024. He was a National faculty and presented two complex cases at India live conference held in February 2025 at Mumbai. Invited Faculty for a talk on "Cardiac Emergencies during Pregnancy" at IGMC, Puducherry in August 2024. He presented two abstracts of his research in ACC Asia 2024 held in August at New Delhi. Invited as a faculty and proctor for simulator session on Rotablation at Cardiac device conclave 2024 held at Trichy (November 2024).

Dr Manjit Mahendran

He Gave a talk on 'Chamber enlargement and hypertrophy' in the ECG workshop in CONNAISSANCE 29-06-24 and 'Rock on! Ischemia and wall motion in the Echocardiography workshop in CONNAISSANCE 29-06-24 He was the Committee member in the Renal denervation therapy – hands-on workshop organized in the department of cardiology, JIPMER on 10-08-24. He Conducted two lecture videos, 'Acute rheumatic fever – pathogenesis and clinical features', 'Acute rheumatic fever – Diagnosis and management', as a part of the National Medical College Network (NMCN) under the National Institute of Health and Family Welfare (NIHFW) He was invited as a faculty member in the AICC (Asia Interventional Complication course) 2024, Chennai, held on 9th and 10th November, 2024 and Gave a talk on 'Femoral artery vascular access – What not to do?'. He Gave a talk on 'cardiovascular diseases – risks and prevention' in the CKM (Cardiovascular – Kidney – Metabolic) health symposium organised by the Department of Nephrology on March 13th, 2025, as a part of World Kidney Day celebrations.

Dr.Sataroopa Mishra

Dr. Sataroopa Mishra presented paper in the best interventional case award in Annual Conference of Pediatric Cardiac Society of India (PCSI) held in November 2024 at Kochi. Delivered a talk as chief guest on World Health Day in ICMR-VCRC, Pondicherry for year 2025. She also chaired a session in the Annual meeting of International Society for Heart Research (ISHR), Indian section held at IIT Madras on 21-23 March, 2025.

Participation in Health Camps/ Public Health Awareness/ Education Programme

Dr. Avinash Anantharaj participated in a live Q and A session on congenital heart disease awareness aired on 9 th Jan 2025 on 102.8 Rainbow FM, All India Radio Puducherry. He participated in a live Q and A session on prevention of myocardial infarction awareness aired on 25 th September 2024 on 102.8 Rainbow FM, All India Radio Puducherry

Major Events in Department

Visiting Faculties

a) Dr. Venu Menon, Director, cardiovascular fellowship program, Cleveland clinic ,Ohio, USA visited the department and delivered a lecture on Valvular cardiogenic shock on 8th November 2024.

b) Dr. Krishnakumar Nair from University of Toronto as visiting faculty. 04 to 06 August 2024 for a workshop on 3D Mapping and ablation.

c) Dr B. Karthikeyan and Dr. Gobu Pakkirisamy visited the department and delivered lectures on managing coronary complications on 29th November 2024.

New services started

The Department now offers OPD services on Fridays in addition to the existing Monday to Thursday schedule.

Awards and Honours

- Dr. Manjit Mahendran received Dr. Jagdish Lal Kapila medal for Best outgoing postgraduate student in DM cardiology during the 69 th AIIMS foundation day on 25-09-24 in AIIMS, New Delhi.

  DM resident Dr. Shahid H Shali presented his dissertation's interim results in the GIAN course on long term follow up and cardiovascular management in pediatric medium vessel vasculitis held in PGIMER Chandigarh between 22 nd -26 th March 2025 where he won the second prize for oral presentation in clinical research category.
- Dr Anish Bhargav and Dr. Ramanathan Velayutham, Fellows in electrophysiology won best case presentation awards in IHRS conference held in November 2024 in kolkota.
- Dr Karan Kalani, senior Resident, won Third place for presenting his thesis research work at IHJ CSI held in December 2024 at kolkota.
- Mr. Barathkrishnan, Cardiology Technician, won best oral case presentation prize in IHRS conference held in November 2024 in kolkota.
- Dr Enosh Katta and Dr Balaji, Senior residents, won first place in cardiology quiz (ALICE) organised by apollo hospitals Chennai in September 2024.
- Dr Nikhil Singhania and Dr. Karan Kalani , Senior residents won first prize in quiz at ICCCON 2024 .
- Dr Chinmay Parale Senior resident, won AV Gandhi SCAI award for his thesis research.

Administrative Assignments

Dr. Raja Selvaraj is a member of the IT wing, JIPMER

Dr Santhosh Satheesh is the Chief Project Manager for the Artificial Intelligence Centre of Excellence (Health) at JIPMER under Ministry of Education, GOI. He is also Coordinator for Quality Council, Member Secretary of the Solar Energy and Ground Water Recharge Committee, Chairman Parking Committee and Co-Chair of Animal House Committee. He is also a Member of the MOU Committee, Drug Purchase and Utilization Committee, and JIPMER International and National Collaborations Committee (JINCC). He is the Coordinator and point of contact for MOUs of

JIPMER with IIT Chennai, IGCAR Kalpakkam, SASTRA Tanjavur, Lariboisiere Hospital Paris and Google LLC USA.

In the national level, he is a Inspector/ Assessor for NMC,NBE, NOTTO , Member, Committee on National Health Research Policy, Ministry of Health and Family Welfare, Govt of India , Member, Expert Committee on Drugs and Medical Devices- Cardiovascular and Renal-CDSCO, Advisor for National Health Authority on ABPMJAY, Member Board of Studies- Cardiovascular Sciences at Sree Chitra Thirunal Institute of Medical Science and Technology, Trivandrum, Member Technical Appraisal Committee of Health Technology Assessment, MOHFW, Advisor – Medical Science DRDO Bangalore , Core committee and working group member National Health Research Policy, Ministry of Health& Family Welfare, Govt of India.

He is also an examiner for DM Cardiology and National Board of Examinations for universities and medical colleges across India including AIIMS New Delhi, CMC Vellore, MMC Chennai and NEGHREIMS Shillong.

Dr. Avinash Anantharaj He is the departmental co-ordinator for the Fire Safety Committee. He participated as part of the Inspection committee for grant of seats in BSC Allied Health Sciences in Indra Gandhi Medical College Puducherry on 18 th September 2024

Dr Shaheer Ahmed is the nodal officer for Insurance Schemes and Emergency Services in the Department.

Dr Bhagwati Prasad Pant is the coordinator for HIS and PACS services and functioning of Cardiology ward.

Dr Manjit Mahendran is the is the nodal officer for the B.Sc Cardiac Lab Technology, Faculty coordinator of transplant clinic, course coordinator for managing departmental statistics and National intervention council data and streamline functioning of EMS CCU.

Dr Sataroopa Mishra is the coordinator for functioning of SSB CCU, pharmaceutical resources in the department.

Department of Cardiothoracic and Vascular Surgery

Faculty List

Professor (Senior scale)

- Dr. B.V. Sai Chandran

Professors

- Dr. Ram Sankar. P (HOD)
- Dr. Durga Prasad Rath

Additional Professors

- Dr. Sreevathsa K.S. Prasad
- Dr. Hemachandren. M

Assistant Professors

- Dr. Kaushik. R
- Dr. Prathap. K

Departmental Highlights of the Year 2024-25

This 57-year-old department, from the time of its origin in 1966, has grown into the full-fledged Cardiothoracic & Vascular Centre providing services to manage a wide spectrum of cardiac, thoracic, and vascular diseases for the patients of all age groups. The department has 7 faculties performing complex adult and congenital cardiac, thoracic and vascular surgeries which include minimally invasive valve surgery, robotic thoracic surgery and endovascular interventions. The B.Sc students of Perfusion Technology course, presented their projects in ISECTCON 2025, and have won awards and prizes at the National conference. The department also has started dedicated vascular clinic on all Mondays, apart from the already functioning vascular clinic on every Friday.

Educational Courses

The department conducts 2 academic courses: i) M. Ch., (CTVS) – a 3 year post-doctoral course with 3 seats each year and ii) B.Sc. Perfusion Technology – a 3 year course with an additional year of compulsory internship with 5 seats per year. The recruitment for the M.Ch course mentioned above is done through an entrance examination- INICET conducted every year and for the B.Sc Perfusion Technology course, through the NEET Exam. At the end of the course after clearing the exit examination conducted by the board the candidates are awarded the degree in the respective subjects. In the reporting year, 2 M.Ch candidates and 3 B.Sc perfusion students were awarded degrees in their respective courses. This department is also involved in conducting classes for the students of various other courses: i) MBBS, ii) B.Sc. Operation Theatre Technology, iii) Post Basic Diploma in cardiothoracic Nursing, iv) Post Basic Diploma in Operation room Nursing, v) Emergency Medicine &Trauma Technician course and vi) Medical records department trainees.

Departmental Activities for the Year

Faculty Conference Participation

- Dr. Ram Sankar. P attended the mandatory training for establishing Indian standards at bureau of Indian standards (BIS) Noida.
- Dr. Sreevathsa K S Prasad chaired a session on "Small aortic root" at the 24th Annual Conference of the Pediatric Cardiac Society of India held at Kochi, from November 14-17, 2024.
- Dr. Hemachandren. M was the COURSE DIRECTOR for the "Resuscitative Thoracotomy Workshop" in EM RENDEZ-VOUS 2024, the 3rd Annual Academic Conference of Emergency Medicine, held at IGMCRI, Puducherry, from 15th to 17th October 2024. He also delivered a talk on "PERFUSION TECHNOLOGY - Evolution, Techniques, Challenges, and Essential Soft Skills" in the CME organised by Sri Lakshmi Narayana Institute of Allied health Sciences, Pondicherry as part of World Heart Day on 26th September, 2024. He also delivered a talk on "ECMO- Insertion, Care & Weaning Protocol" in Cardiac Device Conclave '24 organised by Kauvery Hospital Heart city, Trichy on 2nd & 3rd, Nov '24 in Trichy. He chaired a session on "Extremity vascular trauma" in POACON 2025, Annual conference of the Pondicherry Orthopaedic Association, organized by Department of Orthopedic Surgery, JIPMER, Puducherry from 3rd to 5th January, 2025. He also chaired a session on "Relevance of Open Conventional Vascular Surgery in the Endovascular Era" in the 3rd JIPMER Surgery Alumni meet from 27th – 30th March 2025 at Dr. APJ Abdul Kalam Auditorium, JIPMER.
- Dr. Prathap K delivered a guest lecture on Approach to chronic limb ischaemia at PONSICON (Puducherry chapter of ASI) on 31.01.2025. He also delivered a Guest Lecture on Management of Upper Limb Vascular Injury in POACON 2025, the Annual conference of the Pondicherry Orthopaedic Association, organized by Department of Orthopedic Surgery, JIPMER, Puducherry from 3rd to 5th January, 2025. He was also the Chairperson for A). Acute Meseneteric Ischemia B). Anastomotic technique C). PG Case presentation in 3rd JIPMER Surgery Alumni meet from 27th – 30th March 2025 at Dr. APJ Abdul Kalam Auditorium, JIPMER.

Participation in Health Camps / Public Health Awareness / Education Programme

- Dr. B.V. Sai Chandran has participated as an expert in All India Radio programme on "Aortic Aneurysms and Cardiac diseases" in a live public interactive session on 18th Dec 2024.
- Dr. Hemachandren. M participated as an expert in a Live TV Programme related to heart surgery titled "Irudaya Noigalum Adarkana Aruvai Sigichaigalum" on 24.12.2024 at All India Radio / Doordarshan, Puducherry

Major events in Department

New services started -

- Endovascular interventional services – Balloon angioplasty and vascular stent placements
- Minimally Invasive cardiac surgery
- Vascular clinic on Mondays in addition to already existing clinic on Fridays

Awards & Honour

Ms. Naina Payal, third year perfusion student was the recipient of "Dr. Solomon Victor Memorial Award" for presenting the paper titled "Enhancing CPB efficiency with an Integrated Perfusion Disposables Kit" – A make in India Initiative" in ISECTCON 2025, National conference conducted by Indian Society of Extracorporeal Technology on February 21st and 22nd 2025 at Delhi. She was also presented the GJ Straus Award, Golden Jubilee Undergraduate Research programme of JIPMER, for presenting her research project titled "Redefining haematological stability by understanding the effect of priming fluid combinations on RBC volumetric parameters during cardiac surgery in children undergoing cardiopulmonary bypass" guided by Prof. Ram Sankar P, at the Tenth JIPMER Research day held on March 8th 2025.

Administrative Assignments

Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies.

Dr. B. V. Sai Chandran is the General Secretary of Puducherry Association of Cardiac Thoracic and Vascular Surgeons (PACTVS) and he is also the General Secretary of the Indian Society for Chest Trauma (ISFCT); Dr. Ram Sankar P. is the treasurer of Puducherry Association of Cardiac, Thoracic and Vascular Surgeons (PACTVS); Dr. Sreevathsa K.S. Prasad is an executive member of Puducherry Association of Cardiac, Thoracic and Vascular Surgeons (PACTVS). Dr. Hemachandren. M is the treasurer for JIPMER Alumni Association and an executive member of Puducherry Association of Cardiac, Thoracic and Vascular Surgeons (PACTVS) and National Task force member to maintain National Venous thromboembolism registry.

Member in constituted Institute Committees

- Prof. B. V. Sai Chandran participated in the routine activities of various committees of JIPMER : i) Multi organ transplant committee, ii) Academic Advisory Committee (AAC), iii) Fire Safety & Prevention Committee (FSPC), iv) Library Committee, v) Hospital Safety Engineering & Facility Management Committee, vi) Multiorgan Transplantation Program coordination committee, vii) JIPMER Deceased Donor Transplantation Committee (JDDTC), viii) Multi-Disciplinary Robotic Surgery Committee (MDRSC), ix) SISHD (Surgical Items, Sutures & Hospital Disinfectants) Monitoring Committee, x) CSSD (Central sterile services department) Purchase Committee, Xi) Member of Ethics committee for the College of Nursing.
- Dr. Ram Sankar P is a Resource faculty for the Department of Medical Education, JIPMER, and faculty of prestigious NTTC program. He is also in charge of organising the DM / M.Ch., orientation programme. He is also involved with administration as Associate officer in-Charge purchase.

Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies

- Dr. B.V. Sai Chandran has contributed as a member of the National Expert Panel for Cardiothoracic & Vascular Surgery in preparing the Indian guidelines for the 'Standard Treatment Workflow (STW)' of ICMR. He is also as a member of the National Expert Panel of Ayushman Bharath for the revision of scheme for Cardiothoracic & Vascular Surgical procedures. He is also a member of the Technical Expert Committee Member by the Govt. of Puducherry for the Establishment of State Organ and Tissue Transplantation Organization (SOTTO) in the Union Territory of Puducherry.
- Dr. Ram Sankar. P and Dr. Sreevathsa K S Prasad were nominated as Technical expert committee for equipment purchase for departments of CTVS in newly established AIIMS. Dr. Sreevathsa K S Prasad has participated as an expert in specification vetting of CTVS equipment's for HLL purchase for AIIMS institutes.
- Dr. Hemachandren is selected as one of the Task force members for establishment of Venous Thrombo embolic registry by Indian Council of Medical Research. He was also the chair person of the Institutional Technical Specification Committee for review of specifications of equipment pertaining to L-VAD in ICMR-NARFBR, Hyderabad and conducted the meeting on 29.10.2024 (ONLINE).

Department of Clinical Immunology

Faculty

Professors

- Professor. Vir Singh Negi
  (Senior Professor, Director, JIPMER, Puducherry)
- Dr. Molly Mary Thabah
  Professor and Head of Department

Associate Professor (Clinical Services)

- Dr. Chengappa KG (up to June 2024)

Assistant Professor (Clinical Services)

- Dr. Aishwarya Gopal (up to February 2025)

Assistant Professor (Laboratory Services)

- Dr. Christina Mary Mariaselvam

Departmental Highlights of the Year 2024-25

Since July 2004, the Department of Clinical Immunology at JIPMER is providing comprehensive patient care with in-house diagnostic and research facilities for autoimmune diseases. Our department is a pioneer in southern India in autoimmune diseases and primary immunodeficiency diseases, and one of only two institutions in India that provides all diagnostic services under one roof. The department handles large patient load, state of the art research facilities and international and national extramural research funding exceeded Rs. 6.7 Crore (cumulative over previous years). Extramural funding received for the year 2024-2025 was Rs. 32.9 Lacs. We carry out HLA typing for renal transplant and are in the process of offering cross-matching services for the transplant programme.

Educational Courses

Undergraduate Courses

MBBS interns (2 or 3 at a time) for elective posting

Postgraduate Courses

MD Medicine, MD Immunohematology and Tranfusion Medicine, MD Biochemistry, MD Pathology junior residents are rotated to our department for training for 15 days. Post doctoral fellows in obstetric medicine come for 30 days.

Higher Specialty Courses

DM (Clinical Immunology) since the academic year 2009.

- Intake: 2 students per year since 2009, and a sponsored seat once in three years since 2024
- Total number of students enrolled: 31
- Total number of students completed: 23

Research Courses

PhD (Immunology) since the academic year 2009.

- Intake: 1-2 students per year.
- Total number of students enrolled: 9
- Total number of students completed: 7*

*(*Two students successfully completed the first ever joint/ cotutelle PhD program in the country between JIPMER and University of Paris 7, France.)*

Other: Observership /training program:

- MBBS Interns (JIPMER graduates) work in the department for 2 weeks as an elective part of their compulsory rotatory internship.
- In previous years, two undergraduate/postgraduate students of B.Tech. and/or M.Sc. programs are permitted to do their dissertation in advanced immunological or molecular techniques.

Departmental Activities of the Year 2024-25

Conferences Organised

Department conducted a one-day hands-on workshop on 3rd August 2024 on musculoskeletal (MSK) ultrasound for rheumatologists.

Faculty Conference Participation

- Dr. Molly Mary Thabah delivered a talk on *'Improving outcomes in lupus'* on 24/11/2024 at the annual Indian Rheumatology Association (IRACON 2024) conference held at Bengaluru, presented an abstract on *'Multivessel intima media thickness in Takayasu arteritis: a potential biomarker for disease modification'* on 19/11/2024 at the American College of Rheumatology (ACR) Convergence held at Washington DC USA.
- C. Dr Christina M Mariaselvam presented an oral paper titled *"Transcriptome analysis of peripheral blood & renal tissue identifies genes that predict treatment response in proliferative lupus nephritis - a prospective observational study"* on 25/04/2024 at the British Society of Rheumatology (BSR) Conference, Liverpool, UK and an abstract titled 'Characterization of Treg Phenotype, Function and Its Transcriptome Signatures in Treatment-naïve Rheumatoid Arthritis' on 18/11/2024 at the American College of Rheumatology (ACR) Convergence held at Washington DC USA.

Participation in Health Camps/Public Health Awareness/Education Programme

The department organised health education programs 1) on May 1st 2024 to observe World Ankylosing Spondylitis Day, 2) May 10th, 2024 for World Lupus Day, 3) June 24th 2024 for World Scleroderma Day, 4) October 12th 2024 for World Arthritis Day, and 5) October 29th for World Psoriasis Day.

The health programs were conducted by our senior residents, nursing officers, and laboratory technical staff, medical social workers, and other support staff and was supervised by the faculty of the department. Patients received education on the type disease, the treatments available, investigations to be done, and importance of adherence to therapy. Each session was attended by minimum of 40 patients with their accompanying persons.

Dr. Aishwarya participated in a live phone-in television programme on 'Psoriasis and Arthritis' broadcast by Doordarshan–Puducherry on 18.02.2025.

Major Events in the Department

Visiting Professor: Dr. Ved Chaturvedi visited the department on 3rd August to conduct the MSK ultrasound workshop

Awards and Honours

1. Dr Christina M Mariaselvam received a Bursary for registration to BSR 2024 held in Liverpool, UK and a travel grant from the ICMR to attend the ACR convergence 2024 held in Washington DC, USA
2. Dr Augustine Jose received EULAR Bursary for registration, Travel and accommodation to EULAR 2024 Congress held in Vienna Austria to present his work on 'Multivessel intima media thickness in Takayasu arteritis: a potential biomarker for disease modification'
3. Dr Jagan Babu received travel Bursary from the British Rheumatology Society (BSR) to attend the annual BSR conference in April 2024, and Asia Pacific League of Associations for Rheumatology (APLAR) travel grant to present his work on 'difficult to treat lupus' that was held at Singapore in August 2024.
4. Dr. Lovely Kumari received a travel grant from the ICMR to present her work on 'Cancer Risk and Screening Effectiveness in Idiopathic Inflammatory Myopathy: Validating IMACS Guidelines in a Retrospective Indian Cohort malignancy' at the ACR convergence 2024 in Washington DC.

Administrative Assignments

Professor. VS Negi

- Executive Director AIIMS Bilaspur from April 2021 - January 2025, Director JIPMER from February 2025
- Member, MCI core committee on development of curriculum for DM, Clinical Immunology.
- Member, Vasculitis Core Group of Indian Rheumatology Association.
- Inspector for DM (Clinical Immunology) and DM (Rheumatology) of the Medical Council of India.
- Member of Technical committee for equipment procurement under "Prime Minister's Swasthya Suraksha Yojana (PMSSY) Scheme of Govt. of India.
- Associate Editor 'International Journal of Rheumatic Diseases'.
- Member editorial board 'Indian Journal of Rheumatology'.
- Member Expert Committee for creation of "Centre for Immunology & Molecular Medicine (CIMM) at AIIMS, New Delhi.
- Member, Standard Selection Committee (SAC), AIIMS, Nagpur
- Member of the Local Ethics Committee, Central Council for Research in Homeopathy (CCRH), Puducherry Unit.
- Member of PhD Doctoral Committee, Dept. of Botany, Pondicherry University.
- Member of PhD Doctoral Committee, Centre for Bioseparation Technology (CBST), CSIR Centre of excellence, VIT University, Vellore, TN.

Dr. Molly Mary Thabah

- elected international regional adviser for the Royal College of Physicians of Edinburgh (RCPE) for Tamil Nadu region (India) 2024 to 2029.
- She also serves as a member of the international advisory board of The Journal of the Royal College of Physicians of Edinburgh, serving as Education Editor of the Journal of the Royal College of Physicians of Edinburgh.
- She is serving as a member of Institutional Scientific Advisory Committee for AIIMS Bilaspur.
- She is member of expert committee for identification of post suitable for person with benchmark disabilities.
- Member of committee for conducting skill test and confidential related matter for recruitment of various group B and group C post in JIPMER Karaikal (2019 to present).

- Member selection committee for selection of senior residents.
- Member selection committee for conducting interview of various group A, B, and C post on deputation basis at JIPMER.
- Member of grievance committee for SC/STs,
- Member of screening committee for faculty recruitment for AIIMS Madurai.
- She also serves as a member in the IRA's Spondyloarthritis special interest group (SIG).

Dr. Christina Mariaselvam

- Department's Nodal Officer for JIPMER website updation and Molecular expert for 'Institutional committee for Stem Cell Research (IC-SCR), AIIMS, Bilaspur.
- She is a member of Consultative Committee Meeting (CCM) to finalize the technical specifications of 1) Fully Automated Immunonephelometry Analyzer 2) Semi-Automated Immunonephelometry Analyzer for Government e-marketplace (GEM).
- Member of constitution of reporting committee for the JIPMER central research facility.

Department of Clinical Pharmacology

Faculty List

Additional Professor & Head

- Dr. S. Sandhiya

Departmental Highlights of the Year 2024-2025

The department has been selected as one of the Advanced Centre for Clinical Trials (ACCT) under Indian Clinical Trial & Education Network (INTENT) by ICMR (2021–2026).

Educational Courses

The department provides training in the super-speciality discipline of Clinical Pharmacology (D.M.) with an intake of one DM candidate per year. The department also runs a Ph.D. programme.

Departmental Activities of the Year 2024-2025

Organised conference/ CME/ workshop

The department conducted a one-day "Workshop on Good Clinical Practice (GCP)" for ICMR Scientists in two phases on 03-01-2025 and 21-02-2025 in association with the Department of Medical Oncology, JIPMER, and ICMR, New Delhi.

Faculty conference participation

Dr. S. Sandhiya was a resource person for the Workshop on "Good Clinical Practice (GCP)" organized by the Departments of Clinical Pharmacology, and Medical Oncology at JIPMER in collaboration with ICMR, where she delivered a talk on "Good Clinical Practice - An Overview, The New Drugs and Clinical Trials (NDCT) Rules, 2019" (Jan 3 & Feb 21, 2025). She also gave a talk on "Drafting consent forms for interventional studies and consent taking in special situations in research" in a workshop on "Effective Writing of Informed Consent Documents" at Sri Manakula Vinayagar Medical College, Puducherry on Feb 5, 2025 and on "GCP and NDCT Rules" in a workshop on GCP at Malabar Dental College, Kerala on behalf of Forum for Ethics Review Committees in India (FERCI) Sept 24, 2024. Additionally, she delivered invited talks on "GCP: Introduction and its principles" at Cuddalore Medical College (Aug 21, 2024), "Ethics and Regulatory Issues in Clinical Trial" (Oct 28, 2024), and "Data Integrity and Monitoring in Clinical Trials" (Mar 25, 2025).

Participation in health camps/ public health awareness/ education programmes

On the occasion of Pharmacovigilance Week celebration-2024, pharmacovigilance awareness programme for nursing officers, photo collage competition, essay competition, poster display at schools and health centres, and awareness programmes at Rural Health Centres, JIPMER, were conducted.

- Pharmacovigilance awareness Programme for Nurses was conducted on 19th Sep 2024, SSB auditorium to create awareness about ADR reporting among JIPMER Nursing staff, which was attended by 160 nursing officers.
- Photo Collage competition was organized online on the theme of 'Educating patients on ADR reporting', and the top three collages were awarded prizes and certificates.
- Essay competition was organized online on the theme of 'Promoting ADR Reporting culture in Patients', and the top three essays were awarded prizes and certificates.
- Awareness Programme on Pharmacovigilance was organized on 23th Sep 2024 for patients of the Rural Health Center, JIPMER, Ramanathapuram, Puducherry, which was attended by patients and Patient attenders of RHC, Senior and Junior residents of RHC, Nursing staff, and pharmacists.
- Awareness posters on the adverse effects of Nimesulide in Tamil Language were displayed at Kendriya Vidyalaya, Cluny Higher Secondary School and Achariya Bala Siksha Mandir, and 11 other primary health centres of Puducherry.

World Antimicrobial Resistance Awareness Week was celebrated from November 18th to 24th, 2024, in collaboration with the Association of Clinical Pharmacologists.

- Photo Collage competition was organized online on the theme of 'Educating the public on antibiotic misuse', and the top three collages were awarded prizes and certificates.
- Essay competition was organized online on the theme of 'Combat antimicrobial resistance", and the top three essays were awarded prizes and certificates.

Awards and Honours

Ms A. Annuja, PhD scholar, received multiple prestigious accolades in recognition of her outstanding research

contributions. She was awarded the Mehalingam Award 2025 (PhD category) during Research Day-2025 and won the Young Scientist Award along with the Best Oral Presentation Award at the 2nd INDO-CANADA International Conference on Advances in Research and Development (ICARD-2025), held in hybrid mode on Jan 25–26, 2025. She secured first place in the "Spark Your Science" tournament at the Regional Young Investigators' Meeting (RYIM) hosted by IIT-Madras on Jan 22–23, 2025. Her e-poster titled "Building ADR Reporting Culture for Patient Safety" received the Best E-poster Award during National Pharmacovigilance Week (Sept 17–23, 2024). She also won the II Best Oral Presentation Award at ENIGMA 2.0 (Sept 10–12, 2024), and excelled in a SWOT analysis competition at a CME on Regenerative Medicine (May 16, 2024).

Dr. Shravan V, DM (Clinical Pharmacology), won 1st prize in poster presentation at NAPICON-2024 for his work on "Reporting of Medical Device Adverse Event" held on Nov 29–30, 2024.

Administrative Assignments

Member Secretary, Institutional Ethics Committee (Interventional studies), JIPMER

Department of Dentistry

Faculty List

Professor (Senior Scale)

- Madhan.B

Professor and Head

- B.Krishnan

Assistant Professor

- Guru Prasad.T
- Nivethitha B

Junior Staff Surgeon

- R. Saravanan

Department Highlights

The Department of Dentistry functions on the first floor of the Screening OPD block. It has 12 dental chairs, all modern dental equipment, and an attached laboratory for fabricating dental and maxillofacial prostheses. The Human Resource in the department includes 5 Senior Residents, 6 PG- Junior Residents, 2 Non-PG Junior Residents, 1 Nursing Officer, 2 Dental Hygienist, 2 Dental Mechanic, 1 LDC cum Storekeeper, 2 Daily Rated Labour, and 1 Multipurpose Worker. The department provides specialty services in Oral & Maxillofacial Surgery and Orthodontics & Dentofacial Orthopedic and general dental services with emphasis on patients with medical conditions.

Educational Courses

Undergraduate

The department imparts basic theoretical and clinical training for MBBS students during their clinical posting. The students observe the dental surgical procedures and develop a basic knowledge of common dental and maxillofacial pathologies.

Postgraduate

The department offers Master of Dental Surgery (MDS) courses in Oral & Maxillofacial Surgery and Orthodontics & Dentofacial Orthopedics since July 2019, with an annual intake of one student in each.

Paramedical Courses / others

The department imparts training in Emergency Management of Maxillofacial injuries and Maxillofacial Surgery for Trauma Technician and Operation Theatre Technician courses.

Departmental activities for the Year 2024-25

Organized conference/ CME/ workshop-

The Division of Orthodontics and Dentofacial Orthopaedics organized two online webinar modules on Damon and Advansync 2 Appliances on 12th November 2024 and 26th March 2025

Faculty conference participation

Dr. Madhan. B was the principal resource faculty for the Edgewise module at the National Integrated Typodont Workshop held on 27th June 2024 at Bapuji Dental College, Devangere. Dr. B. Krishnan was an invited faculty at the Continuing Dental Education Program organized by Dept of Oral and Maxillofacial Surgery, SriVenkateshwaraa Dental College, Puducherry in June 2024. He presented a paper and also served as a member of the panel of judges for the free paper presentations in the 16th Asian Congress of Oral and Maxillofacial Surgery at Chennai in July 2024. Dr Guru Prasad T was an invited speaker at a Continuing Dental Education Program in Orthognathic Surgery conducted by Indira Gandhi Institute of Dental Sciences,Puducherry in June 2024. He completed the Basic Course in Biomedical Research (BCBR) conducted by the National Program on Technology Enhanced Learning (Swayam-NPTEL) in December 2024. He also completed the Jipmer Research Leadership Mentorship Program (JRLMP) in January 2025.

Participation in health camps/ public health awareness/ education programme

The Dept participated in the National Oral Health Day public health awareness in March 2024 conducted by Ministry of Health and Family Welfare, Govt of Puducherry

Major events in the department

- Dr Nivethitha B joined as an Assistant Professor of Dentistry (Orthodontics and Dentofacial Orthopedics) in June 2024.
- Dr Nivethitha B was conferred the " Membership in Orthodontics" from the Royal College of Physicians and Surgeons-Glasgow in October 2024.

The Department was awarded the 1st Prize in November 2024 by the Office of the Medical Superintendent, JIPMER, for best adherence to biomedical waste management.

Administrative Assignments

Dr. Madhan. B served as the Section Editor for the Journal of the Indian Orthodontic Society in 2024-25. He was the selection committee member for recruiting JR NPG and SR in Dentistry. He was the Subject Expert in the Inspection Committee of Pondicherry University for the inspection of dental colleges in Puducherry in February 2025. He also served as the Officer-in-charge of the Central Workshop, Coordinator of the Materiovigilance Programme of India, and Member of Biomedical Engineering, Engineering, Tender opening, Condemnation, Scrap disposal, and Imprest Revision committees of JIPMER. Dr. B. Krishnan was the External Expert for a dental college inspection by the Pondicherry University in August 2024. He was the invited External Expert for dental faculty work output assessment at GITAM University, Visakhapatnam in September 2024. He contributed to the question bank and served as an examiner for the Fellowship examinations in Oral and Maxillofacial Surgery conducted by the Indian Board of Oral and Maxillofacial Surgery (FIBOMS) at Kolkata in December 2024. He peer-reviewed six manuscripts for Journal of Maxillofacial and Oral Surgery and BMC Oral Health. He served as the Member of the Central Purchase Committee of the Government of Puducherry for the evaluation and purchase of dental equipment. He was also invited subject expert for the Over The Counter (OTC) drug formulating committee under the Ministry of Health and Family Welfare, Govt of India. He served as selection committee member for the recruitment of JR NPG and SR in Dentistry at JIPMER.

Dr. Saravanan. R was the Quality Implementation and Monitoring Officer (QIMO), Fire safety Departmental Coordinator (FSDC) and GeM Buyer for the Department of Dentistry.

Department of Dermatology and STD

Faculty List

Senior Professor

- Dr. Devinder Mohan Thappa (Dean Research)

Professors

- Dr. Laxmisha Chandrashekar
- Dr. Rashmi Kumari

Additional Professor and Head

- Dr. Malathi Munisamy

Additional Professor

- Dr. Sivaranjini Ramassamy

Assistant Professor

- Dr. Sheetanshu Kumar

Departmental Highlights of the Year 2023-24

The department aims at outstanding clinical service, research, and educational excellence. Good quality medical, surgical and cosmetic treatment is provided to make a significant difference in the patient's quality of life. Research activities both basic and clinical are being actively undertaken to contribute to the advancement of medical and scientific knowledge of the specialty. Dr. Sivarajini has been selected for the Young Medical Faculty PhD programme 2024. She was also awarded the Diploma of excellence for successfully completing the GALEN/HAE ACARE network's preceptorship on Recurrent angioedema Dr. Sheetanshu Kumar received the Bishnupriya Devi Award for the Best Original Article published in the Indian Journal of Dermatology, Venereology and Leprology (IJDVL). He was also awarded "certificate of reviewer excellence" by Indian dermatology online journal (IDOJ). Dr. Malathi was selected and trained as Master trainer for STI, RTI and HIV services under NACO. The Senior and Junior residents from the department won 13 awards and 15 quiz competitions at various Regional, National and Local quiz competitions during this period.

Educational Courses

Undergraduate

The Department conducts lecture classes and bedside clinical classes for MBBS students during the second and pre-final year of the course.

Postgraduate

The M.D. degree course in Dermatology, Venereology & Leprosy which started in 1973 with 3 candidates per year, at present has an annual intake of 8 candidates per year (in two sessions in January and July).

Others

One year PDCC course in Pediatric Dermatology and Dermatosurgery and Lasers with one candidate in each course and one candidate in PhD course.

As on 31st March 2025, the department has 23 students undergoing training for M.D., Dermatology, Venereology and Leprosy; one student undergoing PDCC training in Pediatric Dermatology and two are undergoing PhD training (including the faculty).

Departmental Activities for the Year

Organised Conference/ CME/ Workshop

A workshop on "Deciphering Dermatology" was organised as part of International Undergraduate Conference "Connaissance -2024".

Faculty Conference Participation

Dr. DM Thappa has organized the following at JIPMER as Dean Research: CONNAISSANCE 2023-2024; Capacity building activities by Research division - "Fundamentals of using Redcap for Research", 7th August 2024; Workshop on "Graphics for Publication", 18th September 2024; Workshop on "Randomized controlled trials", 28th October 2024; Workshop on "Academic Book Writing: Conceptualising to Publishing" on 27th November 2024; Workshop on "Qualitative Research Methods", 8th February 2025; Workshop on "Digital Droplet PCR", 28th February 2025; Workshop on "Health Technology Assessment: A Primer", 1st March 2025; Workshop on "An Introduction to R for Researchers", 14–15 February 2025; 10th Annual Research Day.

He was an invited speaker on "Skin and HIV/AIDS" and moderated the session on "PG case presentation on Genital ulcer disease" in Masterclass in sexually transmitted diseases held on July 16th 2024 at Sri Venkateshwara medical college, hospital and research centre, Puducherry. Was a chairperson in International Pemphigus & Pemphigoid Conference on 9th and 10th November 2024, at Hyatt Regency, Chandigarh, India. Delivered a guest lecture on "Screening of body dysmorphic disorders in patients in aesthetic practice" in 2nd Annual Conference of PSYDERMCON 2024 on 6th and 7th December 2024 at PGIMER, Chandigarh. Presented a paper on "Clinical, dermoscopic and histopathological study of patchy pigmentation of lower legs" and also participated as panelist in DERMACON 2025 at Jaipur Exhibition &Convention Centre (JECC), from 6th-9th February 2025.

Dr. Laxmisha Chandrashekar delivered a guest lecture on "Navigating treatment through collective insights - A patient-centered approach in special situations" at "ROOTS VII - A national conference on clinical and therapeutic Dermatology" at NIMHANS Bangalore from 21-23 June 2024. He delivered an invited lecture on "Cell based therapies – current status" at Indian society of Pediatric Dermatology, Chennai from 2-4 August 2024. He was a resource faculty at at the PG CLINICS-2024 conference at Sri Manakula Vinayagar Medical College Hospital, Pondicherry on 8 August 2024 and moderated the Long Case discussion on "Immunobullous Disorders" He delivered a talk on "Vitiligo Surgery" at the 22nd Annual Conference of Association of Cutaneous Surgeons, at Mahabalipuram on 30-31 August 2024. He delivered a talk on "Sepsis in autoimmune blistering diseases-How we diagnose and manage" at the International Pemphigus and Pemphigoid Conference at PGI, Chandigarh on 9-10 November 2024. He delivered a guest lecture on "Basics of Thermography" and "How to manage a dermoscopy station" in the Dermoscopy and Trichoscopy Workshop: Preceptorship & Hands-On Training on 30-31 March 2024 at Chandigarh, India. The MD thesis titled "Vaccine immunotherapy with multidrug treatment for people with multibacillary leprosy: a systematic review", under his guidance was presented under postgraduate thesis award presentation at DERMACON 2025, Jaipur, February 6-9, 2025. He delivered an invited lecture on "Challenges & Future Trends in the Treatment of Psoriasis" on 22 February 2025 at the CME on "What's new in Dermatology & Dermatosurgery" at Christian Medical College, Ludhiana.

Dr. Rashmi Kumari was an invited speaker in south zone conference at Dermazone South 2024 held at Chennai on 15-17th November 2024 and delivered a lecture on "Beneath the surface- rare urticarial rashes". She was also a panelist on "Uricaria" and chairperson for the session on "High on hormones: skin and endocrine" at Dermazone South 2024. She presented a talk on "Recalcitrant/complicated autoimmune bullous diseases-How do I manage" at a CME on In-patient dermatology at St. John's medical college Banglore on 15th December 2024. She was a resource faculty at the PG CLINICS-2024 conference at Sri Manakula Vinayagar Medical College Hospital, Pondicherry on 8 August 2024 and moderated the Long Case discussion on "SLE."

Dr. Malathi Munisamy delivered a lecture on "Approach to Vascular Malformation" on 26th April 2024 as a guest speaker at the Scientific meeting organized by the Department of Dermatology, CMC Vellore. She was a resource person for "Masterclass in sexually transmitted infections" organized by Department of DVL, SVMCH&RC, Puducherry and delivered a talk on "STIs in special population" and participated as panelist in the session on "Best practices in managing a STI case" on 16th July 2024. She was the moderator for panel discussion on "Refining vasculitis management, insights from real world case scenarios" in the symposium on "Basics and beyond Dermatology" organized by IADVL Andhra Pradesh on 25th August 2024 at Vizhakapatnam. She was an invited faculty at ASTICON 2024 to deliver a lecture on Genital and Extra genital STI in MSM on 30th August 2024 at Delhi (Virtual). She was an invited faculty at Pediatric Dermatology Updates 2024 for the session on Prescription Dilemmas to present a topic on "Should I prescribe non-sedating antihistamines in eczemas?" and panelist for session on "Demystifying allergies" on 28th September 2024 organized by the Pediatric Dermatology Foundation in association with Bangalore Dermatological Society, Bengaluru. She was a guest speaker for the CME "Psoriasis – Beyond Skin and Ages" to deliver a lecture on "Management of Moderate to Severe Pediatric Psoriasis", conducted on 25th October 2024, in commemoration of World Psoriasis Day 2024 at Aarupadai Veedu Medical College and Hospital, Puducherry. She delivered a lecture on "Skin manifestations in endocrine and metabolic diseases: A case-based approach" and was panelist for session on "Atopic dermatitis" evaluation and management" in Dermazone south 2024 at Chennai on 15th November 2024 (Virtual). She delivered a lecture on "Phototherapy in childhood dermatoses" at "Pediatric Dermatology for the discerning clinician" organized by Pediatric Dermatology foundation in collaboration with Kanchi Kamakoti CHILDS Trust Hospital, Chennai on 5th January 2025. She delivered a lecture on "Orphan drugs in rare diseases" at "CME on Rare Dermatologic Disorders: Latest updates and Insights" organized by the Department of Dermatology, AIIMS, New Delhi on 18th January 2025. She delivered a lecture on "Ectodermal dysplasia" and participated as panelist for the panel discussion on Genodermatoses at DERMOCON 2025, organized by IADVL. She underwent a training for Master trainers on STI/RTI and HIV services organized by NACO and Family Health India at New Delhi on March 25th to 27th, 2025.

Dr. Sivaranjini Ramassamy obtained a Diploma of excellence for successfully completing the GALEN/HAE ACARE network's preceptorship on Recurrent angioedema on 9th November, 2024 at the 4th National conference of Hereditary Angioedema society meeting of India. She Delivered a Talk on "The pertinence of perivascular infiltrates" at the Dermazone South 2024 conducted from 15th to 17th November 2024 at Chennai. She participated as a Moderator in the panel discussion on "Women Dermatology" at the

CUTICON- 2024 held on 6th October 2024 organized by the IADVL, Puducherry. She was also the moderator for the panel on "Best practices in managing an STI case" at the Masterclass in STI held on 16th July 2024 at Sri Venkateswara Medical College, Puducherry. She gave an invited lecture in the Dermatopathology Society of India annual Meeting from January 3-5, 2025 at Gitam Medical Universtity, Vishakapattnam on "Alopecia areata-like pattern: Unifying concept". She delivered a lecture in the Derma Launch 2025 at Manakular Vinayagar Medical College and hospital, Puducherry on 14th March, 2025 on "Clinical Signs speak".

Dr. Sheetanshu Kumar was a was a panelist in the Indian Society for Pediatric Dermatology (ISPD) Conference, held in Chennai from 3rd–4th August 2024, where he contributed to a case-based panel discussion on Inborn Errors of Immunity. At AIIMS Bilaspur, during the Dermatopath Nexus CME on Granulomatous Skin Disorders on 31st August 2024, jointly organized by the Departments of Pathology and Dermatology, he spoke on "Clinical Approach to Infectious Granulomatous Skin Disorders." He presented a talk on "Approach to Subcutaneous Mycoses," at the 5th Annual Conference of the J&K Branch of IADVL (CUTICON J&K) held in Srinagar on 7th–8th September 2024. He served as a speaker at the 12th Mid-DERMACON 2024 in Ranchi (13th–15th September), delivering a talk on "Rituximab: Essentials of its use in dermatology" and was also a panelist in the discussion on "Use of Immunomodulators in Special Populations." Additionally, he participated as a panelist in the IADVL Vitiligo Day Online CME, themed "For a better surgical outcome: Tips and tricks from experts." He was a speaker at the National Summit on Leprosy and Skin Neglected Tropical Diseases (NTDs) organized by IADVL at GMC, Amritsar on 21st–22nd September 2024, presenting on "Subcutaneous Mycoses: What's New?" He was a speaker at the International Pemphigus and Pemphigoid Conference, jointly organized by the Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh and the International Pemphigus and Pemphigoid Foundation (IPPF) on 9th–10th November 2024 at Chandigarh. He was a speaker at the 26th Dermazone South and TN CUTICON 2024, held in Chennai from 15th–17th November, where he presented on "Dermoscopy of Adnexal Tumours." He was a panelist at the 53rd DERMACON 2025, held at JECC, Jaipur from 6th to 9th February 2025, where he participated in a panel discussion on "Diagnostic and treatment challenges in NTDs: Case-based discussion."

Participation in Health Camps/ Public Health Awareness/ Education Programme

Dr. Sivaranjini Ramassamy participated in the Hello Doctor show of the All India Radio on "Summer skin problems and their solutions" on 9th May, 2024. ***Dr. Malathi Munisamy*** participated in live phone in programme titled "Psoriasis and psoriatic arthritis" as an expert at Doordarshan, Puducherry on 18th February 2025.

Major Events in Department

New services started

A Frailty Clinic was initiated within the Dermatology OPD to prioritize and reduce waiting time for vulnerable patient groups, including acutely ill patients, pregnant women, and geriatric patients

Awards and Honours

Dr. Sivaranjini Ramassamy was selected for the DHR-ICMR Young Medical faculty PhD programme 2024. She was listed among the top 10 reviewers among the total referees of 1682 for the year 2023 for the Indian Journal of Dermatology Venereology and Leprosy journal. ***Dr. Laxmisha Chandrashekar*** co-authored a research article that was awarded the best poster at the International Pemphigus and Pemphigoid Conference at PGI, Chandigarh. Thesis under the guidance of ***Dr. Rashmi Kumari*** was awarded first prize at ORISSA CUTICON. ***Dr. Sheetanshu Kumar*** co-authored a research article that received the Bishnupriya Devi Award for the Best Original Article published in the Indian Journal of Dermatology, Venereology and Leprology (IJDVL). He was also awarded "certificate of reviewer excellence" by Indian dermatology online journal (IDOJ). Final year junior resident ***Dr.Siddhartha*** received 3rd prize for E-poster presentation conducted in Masterclass in STD at SVMCHRC, Puducherry. Final year junior resident ***Dr.Newshree rout*** received best E-poster award conduced in ISPD. Final year junior resident ***Dr. Arun Philips*** received second place for E-poster presentation conducted in Cuticon, Puducherry. Final year junior resident ***Dr.Swaathi*** received 1st and 3rd place for E-poster presentation in CUTICON and ASTICON respectively. Final year junior resident ***Dr. Kashish Arora*** received 3rd place for E-poster presentation in ASTICON. Second year junior residents ***Dr. Kruti Anwar and Dr Apsara*** received 3rd prize for E-poster presentation in CONNEXCON and CUTICON respectively. First year junior resident ***Dr. Teertha Thamminaina*** received 1st place for E-poster presentation ONYCHOCON. Final year junior resident ***Dr. Kolluri Jhansi Rani*** received best E-poster award in ISPD.

Administrative Assignments: (include under following headings)

Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies

Dr. DM Thappa is Editor in Chief of CosmoDerma Journal; Expert for Drug Controller General of India for monthly SEC meetings ***Dr. Laxmisha Chandrashekar*** was member of the Committee to evaluate the applications of the faculty for recognition of Supervisor for guiding of PhD scholars and Expert Member in the deliberations for the evaluation of applications at Pondicherry University; External Expert for faculty selection at AIIMS, Gorakpur; External Expert for Senior Resident selection interviews at AIIMS Bhubaneshwar. ***Dr. Malathi Munisamy*** is External Expert for ICMR for Annual Review Meeting for proposals and Project selection Committee meeting.

Member in constituted Institute Committees

Dr. DM Thappa is Member selection committees of the institute; Member selection committee for AIIMS, Manglagiri, Raipur, Guwahati, BHU, Varanasi, and JIPMER, Karaikal/Puducherry; Subject expert for recruitment of faculty at AIIMS, Magalagiri, Raipur, Guwahati, BHU, Varanasi and JIPMER/Karikal; Chairperson selection committee for Senior Residents on adhoc basis; Enquiry officer on behalf of Court and Disciplinary Cell; Member of committee for certifying the legal fee bills received from Shri. M. T. Arunan, Counsel for Institute, Chennai. ***Dr. Laxmisha Chandrashekar*** is member of JIPMER Scientific Advisory Committee, Linen committee, Doctoral Committee for PhD students; Resource person for NTTC for DM/MCh Orientation programs; Scientific Writing Module of JIPMER Advanced Course on Research Methodology (JACRM) JACRM conducted by Research Division and Department of Medical Education and Resource person for NTTC; ***Dr. Rashmi Kumari*** is member of Sponsored clinical trial committee. ***Dr. Malathi Munisamy*** is member of NTEP committee and nodal officer from Dermatology for STI.

Department of Emergency Medicine and Trauma

Faculty List

1. Dr Nanda Kishore Maroju, Professor
2. Dr N Balamurugan N, Associate Professor
3. Dr Manu Ayyan S, Associate Professor
4. Dr. Amrithanand V T, Assistant Professor
5. Dr. Amaravathi U, Assistant Professor

Departmental Highlights of the Year 2024-25

The Emergency Medicine and Trauma department is committed to providing quality emergency care to many critically ill and injured patients. A robust online system for capturing data on ED workflow is established. The ESI-based triage system is in place at the department entrance. Alert systems for Stroke, STEMI, and MTP are activated, and care can meet international standards. The clinical evaluation, critical emergency procedures, bedside point of care ultrasound and lab investigations, and radiology imaging are performed as per standards.

The department has a fully recognized residency program in Emergency Medicine with an annual intake of 10 residents per year. To develop leaders and outstanding clinicians in the specialty of emergency medicine, residents are taught to recognize, evaluate, and manage the full spectrum of undifferentiated patients presenting to the Emergency Department

Educational Courses

Undergraduate

- Monthly academic classes for MBBS interns
- Basic cardiac life support classes conducted for the batch of interns, AHS and BMLS students
- Foundation course for MBBS first-year students

Post graduate

- Weekly academic activities including case discussions, core EM lectures, Evidence-Based Medicine Sessions, Small Group Discussions, Flipped classroom sessions, Panel discussion Journal club, Mortality meetings, and ED statistics are being conducted. Simulation sessions are being organized every month. A session was conducted on the "Management of emergencies in Radiology Suits" for Residents of the Dept of Radiodiagnosis in October 2024 and February 2025
- The postgraduate students of Medicine, Surgery, Orthopaedics, Forensic Medicine, Radiation Oncology, Transfusion Medicine, and Psychiatry get periodic training in the department. They are also being trained on first aid management during common emergencies with an MCQ-based month-end assessment.
- EMT students get skill training regularly by direct observation in ED
- Dr Balamurugan faculty for First year PG orientation programme
- Ph.D/ paramedical courses/ others
- Basic life support for the Allied health sciences in July 2024

Departmental Activities for the Year

Organised conference/ CME/ workshop

National Conference / workshop

1. The National Conference on Emergency Trauma and Nursing was organized by the Department of Nursing Services in collaboration with the Department of Emergency Medicine and Trauma on Oct 17 & 18. Disaster management training, Basic Life Support Skill training and Advanced Trauma Triage simulations were included as preconference workshops
2. Conducted Training of Trainers- National Emergency Life Support Course (NELS) for paramedics by MoHFW on 21st to 23rd November 2024
3. Conducted AHA Certified Acute Stroke Life Support Prehospital and in hospital Provider and Instructor Course
4. Conducted Heart Code BLS and Airway Workshop for Connaissance Annual undergraduate conference.

State chapter event

1. Conducted workshop for faculties and senior residents on Academic learning in emergency medicine as part of state emergency medicine conference EM Rendezvous 2024

Local workshop / CME

1. Conducted 4 sessions of Disaster Training Program for Nursing Officers in JIPMER in 2024
2. Advanced Trauma Life Support Courses and Basic Life support courses for Undergraduates, Interns and Allied Health Science students
3. Trauma Quality Improvement workshop was conducted for faculties in JIPMER

Faculty conference participation

Dr N Balamurugan

1. Expert faculty for the Faculty Training Programme in October 2024 for emergency medicine consultants of other colleges

2. Expert faculty for the national conference on Emergency and Trauma Nursing - Delivered a talk on Patient safety in the emergency department
3. Expert faculty for the Hands on training of POCUS workshop for obstetricians and also presented a topic on Sono Algorithms

Dr. Manu Ayyan S

1. Invited Board of Studies Member for KMC Mangalore MD Emergency Medicine
2. Invited to present the national guidelines for managing club drug poisoning at Penang. Malaysia
3. Invited as Expert in Bharats's Acute Care network (ACAIN) WHO initiative
4. Invited as Faculty to Conduct Ultrasound workshop in ROME Italy
5. expert faculty for EM Games in EMINDIA24, the 20th All India Academic Conference of Emergency Medicine, held at AIIMS, Bhopal, from 7th to 11th August 2024.
6. Resource faculty for Point of Care Ultrasound (POCUS) Workshop organized by Fernandez Hospital Education and Research Foundation on 9th February 2025 at Fernandez Hospital, Hyderabad
7. Invited as course faculty for National ToT program under MoHFW course at Madras Medical College, Chennai from 24-26th March 2025

Dr. Amrithanand V T

1. Invited expert lecture on BHISHM Initiative and Arogya Maitri Cubes during online CME organized by Department of Trauma and Emergency, AIIMS Raipur on 27th May 2024
2. Worked as Scientific Committee Member and expert faculty for EM Games in EMINDIA24, the 20th All India Academic Conference of Emergency Medicine, held at AIIMS, Bhopal, from 7th to 11th August 2024.
3. Invited speaker on topic 'Fire Disaster' in National Health Care conference in Disaster Medicine conducted in Kasthurbha Medical College, Mangalore in collaboration with Centre for Disaster Management, KMC Manipal.
4. Invited as resource faculty for Point of Care Ultrasound (POCUS) Workshop organized by Fernandez Hospital Education and Research Foundation on 9th February 2025 at Fernandez Hospital, Hyderabad
5. Invited expert faculty for the State level induction program for Emergency Medicine Postgraduates in IGMC, Puducherry on 15th and 16th March 2025
6. Invited to deliver a talk on "Crashing Atrial Fibrillation" and resource faculty for gamified ECG workshop on 8th March 2025 at AIIMS Raipur
7. Invited as course faculty for National ToT program under MoHFW course at Madras Medical College, Chennai from 24-26th March 2025.

Dr. Amaravathi U.

1. Served as resource faculty for the Connaissance – Heart Code BLS and Airway Workshop on 30th June 2024.
2. Conducted the EMIQ quiz and moderated a session on original research work at EM INDIA 2024 (8th–11th August 2024).
3. Conducted two Advanced Stroke Life Support (ASLS) courses as instructor in the AHA Resuscitation & Healthcare Quality Summit 2024 (27th–29th September 2024).
4. Expert faculty for pre-conference workshops and conference at EM-Rendezvous 2024 (15th–16th October 2024).
5. Resource faculty for the Masterclass on ABG organised by the Department of Anaesthesiology and Critical Care, JIPMER on 17th November 2024.
6. Resource faculty for airway management training of medical officers under the National Programme for Prevention & Control of Snakebite Envenoming in Uttarakhand on 19th February 2025.
7. Faculty for the National Emergency Life Support (NELS) TOT course at Madras Medical College,in Chennai (25th–26th March 2025).
8. Faculty for the state-level ToT workshop on toxicology for medical officers at IGMC & RI, Puducherry, on 3rd May 2025.
9. Nominated by the institute to participate in the 2nd National Health Sector Disaster Preparedness and Response event in New Delhi (6th–7th May 2025).

Participation in health camps/ public health awareness/ education program

1. Dr Balamurugan delivered a talk on Heat stroke in All India Radio in the month of May 2024
2. Conducted Walkathon "Resiliwalk 2024" in collaboration with Puducherry Traffic Police and Transport Department on 17th October in commemoration of World Trauma Day

Major Events in Department

Awards and Honours

1. Dr. Arihant Jain, Junior Resident in the Department of Emergency Medicine, has won the World CPC

(Clinico-Pathological Case) Competition at the Xth World Academic Congress of Emergency Medicine (WACEM) 2024, held in Rome, Italy, from 6th to 9th November 2024

2. Dr. Maneesh Kumar, Dr. Arihant Jain and Dr. Thene Mukil, Junior Residents of the Department of Emergency Medicine & Trauma, JIPMER, secured the FIRST prize in the National level simulation competition "Sim-Shakthi" which witnessed the participation of 15 Emergency Medicine residency programs from across India. This event was part of the 20th All India Academic conference on Emergency Medicine, held at AIIMS Bhopal, on August 10th and 11th, 2024
3. Our Junior Resident Team (Dr. Anukarthika, Dr. Varshini and Dr. Maneesh) won first prize in State PostGraduate Quiz Competition conducted as a part of EM Rendezvous 2024.
4. Dr. Manu Ayyan was awarded First Position in Faculty category (Research in Progress) and Dr. Arihant Jain Second Position in Junior resident category on the 10th Research Day of JIPMER
5. Dr. Kowsthubha B G, Senior Resident was awarded Dr. Shyam Sharma Award (Best MD/MS Dissertation) in the 10th Research Day of JIPMER

Department of Endocrinology

Faculty List

Professor:

- Dr Sadishkumar Kamalanathan
- Dr Dukhabandhu Naik

Professor & HOD:

- Dr Jaya Prakash Sahoo

Assistant Professor:

- Dr. Samim Ali Mondal

Departmental Highlights

The Endocrinology department of JIPMER is the first department of its kind available in the public sector in South India since 2010. It has a standard Endocrinology laboratory equipped with chemiluminescence immunoassay analyser for hormonal estimation, Bio-Rad D10 for HbA1c, ELISA analyser for various biochemical parameters and Freezing point osmometer for osmolality. The department also has a DXA machine for bone densitometry and body composition analysis. Additionally, various equipment required for the management of diabetic foot are also available in the department. In Jan 2024, Dr Samim Ali Mondal joined as assistant professor enhancing our basic science research and lab services potential.

Educational Courses

The DM Endocrinology course has intake of two candidates per year since 2013 and has increased to three candidates per year since 2024.

Departmental Activities for the Year

Organised conference/ CME/ workshop

The department of Endocrinology successfully organized a CME on "New learnings in Diabetic foot complications" at JIPMER on 15th December of 2024. Around 150 delegates attended the meeting.

Faculty conference participation

- Dr Sadishkumar Kamalanathan served as the Scientific Secretary for the 12th Annual Conference of the Endocrine Society of Tamil Nadu & Puducherry, held from June 14–16, 2024, in Puducherry. On November 7, 2024, he spoke on "Thyroid FNAC – Interpretation and Pitfalls" at the 53rd Annual Conference of the Endocrine Society of India (ESICON 2024) in Visakhapatnam. In Chennai, he delivered a talk on "Insulin Sensitivity, Islet Cell Function and Incretin Axis in Pregnant Women With and Without Gestational Diabetes Mellitus" at the Endocrine Practice Update organized by the Endocrine Society of Tamil Nadu and Puducherry on December 7, 2024. He was an expert participant in the consensus meeting on lean BMI diabetes mellitus held on January 8–9, and delivered a lecture on "Consequences of FCPD" during the session on Management of Low-BMI Diabetes Mellitus on January 9, 2025. On February 8–9, 2025, he presented a case series on parathyroid carcinoma at the conference titled "A Legacy of Learning: Endocrine Department's Tribute to KEM's Centennial." Subsequently, on March 28, 2025, he served as a faculty member for the "Top 10 Diabetes Problems" Discovery Workshop held at IIT Madras.
- Dr Dukhabandhu Naik delivered a talk on "Approach to thyroid nodule" at the annual conference of the Endocrine Society Odisha, Sept 27-29, 2024, at Bhubaneswar. He was the organising secretary of the CME on "New learnings in Diabetic foot complications" at JIPMER on 15th December 2024. He was the treasurer of the 12th Annual conference of Endocrine Society of Tamil Nadu and Pondicherry (TRENDO) held in Puducherry from 14th to 16th June 2024. He was one of the chairpersons for the "Genetics aspect of Endocrine disorders" session in ESICON-2024, December 7-10, 2024, at Visakhapatnam. He was invited as a member for the consensus meeting on type 5 diabetes, January 8-9, 2025, CMC, Vellore.
- Dr Jayaprakash Sahoo gave a talk on "Delayed Puberty" in the Endocrine Society Postgraduate Initiative in Research & Education (EnSPIRE) annual meeting, June 7-8, 2024, at Kochi. He was the joint organising secretary for the 12th Annual conference of Endocrine Society of Tamil Nadu and Pondicherry (TRENDO) held in Puducherry from 14th to 16th June 2024. He also delivered a talk on "Writing a Paper and Journal Reviews" in YUVACRINOLOGY 2024 held on 3rd-4th August at Visakhapatnam. He gave a talk on "CKD in Diabetic Foot Patients" in the 21st Annual Conference of The Diabetic Foot Society of India (DFSICON) held from 27th to 29th September 2024 at Mumbai. He was one of the chairpersons for the session "Novel Advances and Miscellany" in Vellore Endocrinology International Congress, January 10-11, 2025, at Vellore.
- Dr. Samim Ali Mondal delivered an oral presentation in the basic science category on 'Metabolic benefits of 17α-estradiol in male mice occur through ERα in hepatocytes' at the International Diabetes Summit 2024, Pune, winning 3rd prize. Conducted a workshop on 'Preclinical model to study Metabolic Disease

Research' at Endocrine Society of Tamil Nadu and Pondicherry (TRENDO) held in Puducherry from 14th to 16th June 2024. Gave a lecture on 'Applying Next-Generation Sequencing to Uncover Biological Mechanisms in MASLD/MASH' at a CME on 28th September 2024, organised by the Department of Medical Oncology, JIPMER. Successfully conducted a hands-on droplet digital PCR (ddPCR) workshop during the 10th JIPMER Research Day 2025.

Participation in Health Camps/ Public Health Awareness/ Education Programme

Dr Sadishkumar Kamalanathan delivered daily educational snippets on general endocrine disorders including diabetes for one week, and on pediatric endocrine disorders for another week, through All India Radio, Puducherry and FM, Rainbow, Puducherry.

Major Events in Department

Visiting Professor

Dr. Debabrata Biswas, Scientist-C, DBT-Institute of Life Science, Bhubaneswar, a distinguished scientist in the field of Host-Pathogen interactions came to our department for a presentation on host responses to infection and disease biology related to understanding of diabetic foot ulcers and wound healing on 15th of July 2024 in the seminar hall of our department.

Awards and Honours for faculty

- Dr Sadishkumar Kamalanathan got the best original article award for annual IJEM awards for 2024 for the article "Effect of Zoledronic Acid in Hepatic Osteodystrophy: A Double-Blinded Placebo-Controlled Trial"
- Dr Sadishkumar Kamalanathan and Dr. Dukhabandhu Naik were expert panel members for international consensus meeting on lean BMI diabetes held at CMC, Vellore on January 8-9, 2025
- Dr Sadishkumar Kamalanathan and Dr Jayaprakash Sahoo were expert faculty for workshop on Identifying the Top 10 Problems in Diabetes for India, organized by the Shankar Center of Excellence for Diabetes Research (SCoEDR) at IIT Madras in collaboration with Emory University held on 28 March 2025 at IIT Madras.
- Dr. Samim Ali Mondal secured 3rd place in an oral presentation for the basic science category at the International Diabetes Summit 2024 in Pune.

Awards and Honours for residents

- Dr Jayavardhan V, Senior Resident, has been awarded the first prize in endocrinology quiz at 12th Annual Conference of Endocrine Society Of Tamil Nadu and Puducherry (TRENDO) held in Puducherry on 14th -16th June 2024
- Dr Jayavardhan V, Senior Resident, has been awarded the first prize in quiz competition at ENRICH 2024, held in Chennai on 8th Dec 2024
- Dr Somdatta Giri, Senior Resident, has been awarded the second prize in oral presentation on "Effect of zoledronic acid on incidence of total fracture in Indian post-menopausal osteoporotic women with or without diabetes." at 12th Annual Conference of Endocrine Society Of Tamil Nadu and Puducherry (TRENDO) held in Puducherry on 14th -16th June 2024
- Dr Somdatta Giri, Senior Resident, has been awarded the second prize in quiz competition at 12th Annual Conference of Endocrine Society Of Tamil Nadu and Puducherry (TRENDO) held in Puducherry on 14th -16th June 2024
- Dr Mukesh Kumar, Senior Resident, has been awarded Second prize in poster presentation at the 4th Annual Pediatric Endocrine Conference of Endocrine Society of Tamilnadu & Puducherry (PED TRENDO) 2024
- Dr Rajkamal M, Senior Resident, has been awarded second prize for poster presentation on "Shining a Light on Hypophosphatemic Rickets: Building Strong Foundations for Healthy Bones?" at 12th Annual Conference of Endocrine Society Of Tamil Nadu and Puducherry (TRENDO) held in Puducherry on 14th -16th June 2024
- Dr Rajkamal M, Senior Resident has been awarded third Prize for poster presentation on "Dilated Cardiomyopathy: The Cardiovascular Face of Pachydermaperiostosis" at the 4th Annual Pediatric Endocrine Conference of Endocrine Society of Tamilnadu & Puducherry (PED TRENDO held in Madurai on 6th Oct 2024
- Dr Rajkamal M, Senior Resident has been awarded second prize in quiz competition at ENRICH 2024, held in Chennai on 8th Dec 2024
- Dr Rajkamal M ,Senior Resident has been awarded "first prize" in quiz competition on ESI Skeletal health task force quiz on Feb 2025 (online)
- Dr Bandna Kumari, Senior Resident has been awarded " 3rd prize" on poster presentation on" A Serendipitous Discovery: Gonadoblastoma in a Case Series of gonadal Dysgenesis with Y chromosome at the 4th Annual Pediatric Endocrine Conference of the Tamilnadu and Puducherry (PED TRENDO) held on 6th October 2024 in Madurai, Tamilnadu.
- Dr Manjunath Totaganti, Senior Resident has been awarded" third prize" for poster presentation on "Paget's disease in chronic kidney disease - a rare clinical encounter" at 12th Annual Conference of Endocrine Society Of Tamil Nadu and Puducherry held in Puducherry on 14th -16th June 2024.

Administrative and other Assignments

Dr. Sadishkumar Kamalanathan

- Member of SEC(Subject Expert Committee) for Endocrinology and IND(Investigational New Drug) committee in DCGI supervised CDSCO (Central Drug Standard Control Organisation)
- ICMR project selection committee member for small and intermediate investigator initiated grants
- External examiner for PhD viva voce in PGI, Chandigarh and CMC, Vellore
- Associate editor of BMC Endocrine Disorders
- Guest editor of Frontiers in Endocrinology

Dr. Dukhabandhu Naik

- Member for the recruitment of non-academic senior Resident at JIPMER

Dr. Samim Ali Mondal

- Member Reporting Committee for the JIPMER Central Research Facility (JCRF).
- Nodal person for Biomedical Waste Management (BMWM) in the department of Endocrinology.
- Member of the structured PhD teaching program.

Department of ENT

Faculty List

Professor

- Prof. Arun Alexander

Additional Professor & HOD

- Dr. Sivaraman Ganesan

Associate Professor

- Dr. Kalaiarasi Raja
- Dr. Penubarthi Lokesh Kumar

Assistant Professor

- Dr. Sabharisan P
- Dr. Nithin Prakasan Nair

Departmental Highlights of the Year 2024-25

ENT department recorded 10,549 new OPD patients and 45,962 old OPD patients. The Cancer Clinic served 1,045 patients, and a total of 2,469 operations were performed, encompassing elective, emergency, and robotic procedures. ENT Department has enhanced its services with key equipment additions, including a Bipolar Diathermy Unit, General Operating Table, Hamilton C3 ventilator, cardiac monitor, and four ICU beds. Diagnostic capabilities improved with a Diagnostic Pure Tone Audiometer, Portable Impedance Audiometer, and Neuroequilibrium VNG system. These upgrades have significantly strengthened the department's surgical, diagnostic, and outpatient services, advancing its capacity to deliver high-quality, comprehensive ENT care.

Educational Courses

Undergraduate Courses

Classes are undertaken for undergraduate students (VI & VII semesters). This includes theory classes of about 70-80 hours and practical/clinical postings for 8 weeks. The students are divided into 4 batches and they undergo clinical and practical training in rotations during the VI and VII semesters in this specialty and their performance is assessed by the faculties by the marks obtained in the periodical/ scheduled tests.

Postgraduate Courses

The postgraduate training program is conducted in accordance with JIPMER's guidelines, adhering strictly to the prescribed teaching protocols. The curriculum includes weekly case presentations, seminars, and journal clubs, along with hands-on surgical training through assistance and independent performance in both elective and emergency procedures. Over the past year, eight students have been enrolled in the MS Otorhinolaryngology course. Resident performance is systematically evaluated each month using the 1000-point assessment roster.

Departmental Activities for the Year

Organised conferences/ CME/ workshops

On 23rd February 2025, the CME titled "Parotid Disorders: A Clinical Update on Surgical Management" was organized by the Department of ENT. The event was self-funded and attended by approximately 100 delegates, including faculty, postgraduates, and ENT practitioners.

Faculty conference participation

Dr. Arun Alexander

- Dr. Arun Alexander chaired Parotid CME session at JIPMER on February 23, 2025 in casebased discussions "How to decide the extent of surgery based on imaging and biopsy findings?"

Dr.Sivaraman G

- Dr. Sivaraman G was invited as surgical faculty for a live cadaveric demonstration on surgeries in maxillary sinus and hands-on training during OSTIUM 2024, held at JIPMER, Karaikal on July 5, 2024.
- He was faculty demonstrator at the Temporal Bone Hands-on Dissection Workshop 2024, conducted by Pondicherry Institute of Medical Sciences & Research, Puducherry from September 21–22, 2024.
- On February 23, 2025, he delivered a session titled "Parotid Disorders: A Clinical Update on Surgical Management" at a CME conducted by JIPMER, Puducherry.
- He was also invited as speaker at the Midterm AOICON, held from October 4–5, 2024, at NEIGRIHMS, Shillong, where he delivered a lecture on "Tracheal resection and anastomosis" organized by the Department of ENT in collaboration with the Meghalaya Chapter of NEBAOI.
- Dr. Sivaraman G was invited as surgical faculty for a live cadaveric demonstration on Draf procedures of the frontal sinus and hands-on training during OSTIUM 2024, held at JIPMER, Karaikal on July 5, 2024.
- He was invited as speaker faculty for a session on Drug-Induced Sleep Endoscopy (DISE) with recorded surgical video demonstrations during the CME "OSA: A Complete Guide for Diagnosis and Management" at IGGGH & PGI, Puducherry on June 29, 2024.
- He served as invited surgical faculty for a live cadaveric demonstration on Cochlear Implantation during the Live Temporal Bone Dissection Course conducted as

part of the NPPCD under NHM at IGGGH & PGI, Puducherry on February 14, 2025.

- He was a speaker at the Temporal Bone Hands-on Dissection Workshop 2024, conducted by Pondicherry Institute of Medical Sciences & Research, Puducherry from September 21–22, 2024.
- He was also a speaker during the A–Z CME on Parotid Tumors at Srinivasan Medical College and Hospital, Samayapuram, Tiruchirappalli on July 21, 2024.
- During PG–ORL 2024, held at Pondicherry Institute of Medical Sciences & Research from October 26–27, 2024, he delivered talks as guest faculty.
- Dr. Sivaraman served as Coordinator for the Medical Education Research Workshop focused on Qualitative Methodology and its Implications, conducted for AIIMS faculty from July 23–26, 2024.
- He was also invited as speaker at the Midterm AOICON, held from October 4–5, 2024, at NEIGRIHMS, Shillong, where he delivered a lecture on "Facial nerve and its implications in Parotid Surgeries", organized by the Department of ENT in collaboration with the Meghalaya Chapter of NEBAOI.

Dr. Kalaiarasi

- Dr.Kalaiarasi delivered an invited lecture on sphenoid sinus surgeries and performed a cadaveric demonstration of surgical approaches to the sphenoid at OSTIUM 2024, held at JIPMER, Karaikal on July 5, 2024.
- She participated as guest faculty in the CME titled "OSA: A Complete Guide for Diagnosis and Management" at IGGGH & PGI, Puducherry on June 29, 2024.
- As part of the NPCDCS initiative under NHM, she served as faculty and conducted orientation training during the Live Temporal Bone Dissection Course on Cochlear Implantation at IGGGH & PGI, Puducherry on November 25, 2024.
- She was also invited as guest faculty on World Head and Neck Cancer Day with the theme "Closing the Care Gap", held at AVMC, Puducherry on July 26, 2024.
- During PG–ORL 2024 at PIMS on October 26–27, 2024, she presented talks on "Radiology of the Temporal Bone" and "Approach to Nasal Mass".
- Additionally, she participated as guest faculty in the CME "Rhinosinusitis – An Update" at Sri Venkateshwaraa Medical College, Puducherry on December 6, 2024.

Dr. Lokesh

Dr.Lokesh delivered an invited lecture on Ethmoid Sinus Surgery and conducted a cadaveric demonstration of surgical approaches during the surgical workshop OSTIUM 2024, held at JIPMER, Karaikal on July 5, 2024.

Dr. Sabharisan

Dr.Sabharisan conducted a session on the Role of Radiology in the Workup of Parotid Tumours during the Parotid CME held at JIPMER on 23rd February 2025.

Dr. Nithin Prakasan Nair

Dr.Nithin Prakasan Nair delivered a session on Post-surgical Complications of Parotidectomy and Their Management during the Parotid CME held at JIPMER on 23rd February 2025.

Major events in Department

Awards and Honours

- Dr.Tejaswi Mishra (Junior resident) won 2nd prize in e-poster competition in rhinology workshop cum cadaveric dissection course held at AIIMS BATHINDA on 25th May 2024
- Dr.Vijay and Dr.Haritha (Junior residents) won 2nd prize in Quiz competition held at ACS medical college, Chennai
- Dr.Anbarasi (Junior resident) won 1st prize in e-poster in CME –"close the gap" held at AVMC medical college, Pondicherry on 26th July 2024.
- Dr.Ram Kumar (Junior resident) won 2nd prize in Quiz competition in national CME"VOIX DE SLIMS" held on 20th apirl 2024 at SLIMS,Pondicherry.

Administrative Assignments

Dr Arun Alexander

- Lifetime Member of Indian Medical Association
- Lifetime Member of Association of Otolaryngologists of India
- Lifetime Member of Indian Society of Otology
- Member of Academic Bodies of Sri Ramachandra University (Department of ENT) and Manipal Academy of Higher Education (ENT)

Dr Sivaraman Ganesan

- Faculty Member of National Teacher Training Centre (NTTC) JIPMER
- Officer in Charge of Central Library JIPMER

Dr Kalaiarasi Raja

- Executive Member of JIPMER Scientific Society

Dr Lokesh Kumar P

- Lifetime Member of Indian Medical Association
- Lifetime Member of Indian Society of Otology
- Lifetime Member of Neuro-equilibriometric Society of India

Department of Forensic Medicine and Toxicology

Faculty List

Professors

- Dr. Kusa Kumar Shaha [On Deputation to JIPMER Karaikal as Dean]
- Dr. Siddhartha Das

Additional Professors

- Dr. Ambika Prasad Patra **(HOD from 1st Jan 2023)**
- Dr. Vinod Ashok Chaudhari

Assistant Professors

- Dr. Naveen A
- Dr. Mukesh R [On Contract Basis]

Departmental Highlights of the Year 2024-25

The department specializes in medico-legal autopsies from Puducherry and nearby Tamil Nadu districts, handling around 700-800 cases annually. We investigate diverse unnatural deaths, including those from accidents, burns, poisonings, and homicides. Collaborating closely with Puducherry law enforcement, we contribute expertise to solve such crimes. We actively participate in examining survivors of sexual offenses, as well as play a crucial role in providing potency certifications and determining the ages of both victims and accused. The faculty members frequently serve as expert witnesses in court, lending their knowledge and expertise to aid in legal proceedings. The department has initiated the groundwork for advanced service and research capabilities in emerging sub-specialties of forensic medicine. Key areas identified for expansion include: Forensic Radiology and Virtual Autopsy, Forensic Toxicology Unit with Analytical Laboratory, Forensic Histopathology Services, and Clinical Forensic Medicine Services.

Educational Courses

MBBS, MD

Departmental Activities for the Year

Number of PG seminars - 52

Organised conference/ CME/ workshop

Organised Symposium: Clinical Forensic Medicine Orientation on Examination of Sexual Offence Cases in collaboration with the Department of Obstetrics and Gynaecology, JIPMER. The target audience comprised Faculty & Consultants, Resident Doctors from the Department of Obstetrics & Gynecology, Nursing Staff, and Medical Social Workers. Professor Dr. Gowri Dorairajan, Head of the Department of Obstetrics & Gynecology, and Professor Dr. Haritha Sagili organized the session, employing a pragmatic approach.

Faculty conference participation

International

- Dr. Siddhartha Das gave a poster presentation on the topic "CT Scan-Based Cranial Anthropometry for Stature Estimation: A Comparative Analysis Between Base of Skull and Front of Skull Parameters in a South Indian Population" at the 77th Annual American Academy of Forensic Sciences conference held at Baltimore, Maryland, USA from 17th – 22nd February 2025.

National

- Dr. Siddhartha Das gave an oral presentation on the topic "Ancillary investigations in concluding the case and opining the cause of death in electrocution fatalities" at the 21st Annual National Conference of Indian Congress of Forensic Medicine and Toxicology held at GMCH Chandigarh from 30th – 31st August 2024. He also chaired a session on the topic on "Male Potency Testing: Current Scenario" in this conference.
- Dr. Siddhartha Das was an invited guest speaker on the topic "Thanatochemistry- The way forward in the practice of Forensic Medicine" at the 14th International Conference of Indian Academy of Medicolegal Experts held at AIIMS Jodhpur from 28th September – 1st October 2024.
- Dr. Siddhartha Das served as a panellist on the CME topic "Good Publication and Clinical Practices" at the 14th International Conference of Indian Academy of Medicolegal Experts held at AIIMS Jodhpur on 28th September 2024.
- Dr. Siddhartha Das gave an oral presentation on the topic "Cranial Anthropometry of The Base of Skull For Stature Estimation in a Defined Population – CT Scan Based Prospective Observational Study" at the 46th Annual National Conference of Indian Academy of Forensic Medicine held at ESIC Medical College, Chennai from 30th January – 2nd February 2025. He also chaired two sessions in this conference.
- Dr Ambika Prasad Patra, Addl. Professor & Head Presented a poster titled "The Menace of Statutory Rape in India and Implementation of Gillick's Competence Test: A promising solution" in the 'PAFMATCON 2025, Annual National Conference of Punjab Academy of Forensic Medicine & Toxicology organized by the Department of Forensic Medicine & Toxicology, at the Himalayan Institute of Medical

Sciences, Swami Rama Himalayan University, Dehradun, Uttarakhand on 21, 22 March 2025.

- Dr. Ambika Prasad Patra gave an oral presentation on the topic "Decomposed Bodies of Child Sexual Assault and Homicide: Challenges and Solutions" at the 46th Annual National Conference of the Indian Academy of Forensic Medicine – 2025, Organised by Department of Forensic Medicine & Toxicology, ESIC Medical College & Hospital, K.K. Nagar, Chennai–78, from 31st January to 2nd February 2025.
- Dr. Ambika Prasad Patra: Oration on the topic titled "*Autopsy for the Unknown Cause of Death: Current Concepts*" and also acted an Expert for the Panel Discussion for the Continuing Medical Education (CME) event "Regional CME & Workshop on Death Certification, Auditing and Medico legal aspects" organised by the Department of Emergency Medicine, Sri Venkateshwara Medical College Hospital and Research Centre, Pondicherry under the Chairmanship of Prof. Dr. Dasari Papa, Dean, Sri Venkateshwara Medical College on 26-11-2024.
- Dr. Vinod Ashok Chaudhari had presented topic as a guest speaker on "Biomarkers and its application in toxicology" organised by department of Forensic Medicine, Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research, Melmaruvathur, TN, 28th August, 2024.
- Dr. Vinod Ashok Chaudhari was resource person for the workshop on 'Musetecq 2024 (Museum technique)' on 16th November, 2024, at Amala Institute of Medical Sciences, Thrissur.
- Dr. Vinod Ashok Chaudhari was Judge for scientific session (Faculty oral presentation) during Forensic Medicon 2025, 46th Annual National Conference of the Indian Academy of Forensic Medicine, Dept. of Forensic Medicine and Toxicology, ESI Medical College, Chennai, from 31st Jan to 2nd Feb 2025.
- Dr. Vinod Ashok Chaudhari had completed training in a CAS Forensic imaging and Virtopsy Module 1, conducted by the University of Zurich (UZH), Course Administration CAS, Winterthurerstrasse 190/52 CH-8057 Zurich, Switzerland, from 10th to 11th March 2025.

Participation in Health Camps/ Public Health Awareness/ Education Programme

Nil

Major events in Department

New services started

- Started Clinical Forensic Medicine Resident Orientation Program (CFM-ROP) for the newly joined junior residents has been proposed and accepted by the Medical Education Department, JIPMER. This orientation will help much to the clinical residents to deal with routine medicolegal issues in clinical departments and enable them to flawless report writing and court deposition.
- Started Morgue Room Safety Measures: For the first time, developed a dedicated Mortuary setup for the autopsy of highly Infectious cases. On the eve of the Forensic Medicine Day Celebration (May 12, 2024), for the first time, Autopsy Scrub Suits were introduced in the Dept. They were distributed among the faculty and residents as a token of encouragement to improve morgue room safety.
- Started Plant Toxicology Resident Orientation Program – In collaboration with the Horticulture Department, JIPMER, for a hands-on Plant Toxicology Orientation Program for Junior Residents. We have demonstrated the common toxic plants and agricultural poisons to the postgraduate students. This helped them with toxic plant and organic irritants identification and analysis of their toxic active principles. Each batch of newly joined JRs will be given such orientation.
- Started SOP for Unclaimed Bodies: Developed a SOP for timely clearance of unclaimed bodies left in JIPMER in collaboration with the medical superintendent and other departments like MRD and Anatomy. Developed dedicated SOP for proper and timely disposal of Unknown & Unclaimed bodies Non-MLC bodies in coordination with the MRD and Medical Superintendent.
- Started Forensic Ballistic Resident Orientation Program: For the first time, collaborated with the Commandant of Armed Police and Armory, Smt. Rachna Singh, Puducherry and the unit Head Mr. B. Ranganathan, Superintendent of Police (Police Training School), Pondicherry, started the Forensic Ballistics Examination Orientation Program for the Postgraduate MD-Forensic Medicine students of the department. The PG students completed a two-day practical orientation program on Interior and Wound Ballistics. The attendees acquired practical skills through interactive firearms orientation exercises.

Awards and Honours

- Dr Siddhartha Das, Professor of Forensic Medicine, received the 1st prize for an oral presentation of his paper titled "Ancillary Investigations in Concluding the Case and Opining the Cause of Death in Electrocution Fatalities" at the 'ICFMTCON 2024'- XXI Annual National Conference of Indian Congress of Forensic Medicine and Toxicology held at GMCH, Chandigarh from 30th – 31st August 2024.

- Dr Ambika Prasad Patra, Addl. Professor & Head received the Second Prize (Faculty category) for his Poster Presentation titled "The Menace of Statutory Rape in India and Implementation of Gillick's Competence Test: A promising solution" in the 'PAFMATCON 2025, Annual National Conference of Punjab Academy of Forensic Medicine & Toxicology organized by the Department of Forensic Medicine & Toxicology, at the Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Dehradun, Uttarakhand on 21, 22 March 2025.
- Dr. Naveen A, Assistant Professor of Forensic Medicine & Toxicology was awarded Second prize (Faculty category) for his oral paper presentation on "*A Rare Case of Lethal Lactic Acid Poisoning: An Autopsy Case Report*" at the "IAMLECON 2024" - 14th International Conference of Indian Academy of Medicolegal Experts, organised by the Department of Forensic Medicine & Toxicology at AIIMS, Jodhpur, between 28/09/2024 and 01/10/2024.

Administrative Assignments

Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies

- Dr. Siddhartha Das was the subject expert for APS interview and faculty recruitment of few central autonomous institutes of the MOHFW.
- Dr. Siddhartha Das was a National Advisory board member for the IAMLE conference held at Jodhpur from 28th Sept - 01st October.
- Dr. Ambika Prasad Patra, nominated as Expert for *Ethics and Medical Registration Board*, National Medical Commission (NMC), India.
- Dr. Ambika Prasad Patra appointed as subject expert for Curriculum review & designing for the subject of 'Forensic Nursing' by the Dean - School of Medico Legal Studies and Head - International Centre for Humanitarian Forensics, National Forensic Sciences University, Ministry of Home Affairs, Government of India, Gandhinagar Gujarat
- Dr. Ambika Prasad Patra appointed as Subject Expert for the *Centre for Evidence based Guidelines* by the Department of Health Research-ICMR, New Delhi, for Creating and prioritizing MD/MS Thesis Topics for nationwide postgraduate medical students.
- Dr. Ambika Prasad Patra Nominated as the Subject expert and Instructor for project Saksham by the National Medical College Network for the Online Medical Courses Offered by the National Medical College Network, Ministry of Health and Family Welfare, Govt of India.
- Dr. Vinod Ashok Chaudhari is National Advisory board member of Journal of Forensic Medicine Science & Law.

Member in constituted Institute Committees

- Dr. Siddhartha Das is a member of the institute Undergraduate research monitoring committee.
- Dr. Siddhartha Das is a member of the committee to look into POCSO related matters.
- Dr Ambika Prasad Patra appointed as Dy. Warden for Osler House Hostel for MBBS students (Gents), JIPMER.
- Dr Ambika Prasad Patra appointed as Central Public Information Officer under Right to Information Act for the Dept of Forensic medicine, JIPMER, Puducherry.
- Dr. Ambika Prasad Patra is a member of various institutional committees of JIPMER administration. He is a member of the - Effluent Treatment Plants (ETP) and monitoring Committee, Linen Committee, fire-safety core committee, telephone committee. Nodal officer for the JIPMER Website Content and Department Quality Implementation and Monitoring Officer (QIMO) from your JIPMER Quality Council. Member for Hostel Disciplinary Committee formed by the Dean (Academic), JIPMER. Committee member of JIPMER Deceased Donor Transplant Committee, JIPMER.
- Dr. Vinod Ashok Chaudhari is holding Deputy Warden of Harvey III student hostel.
- Dr. Vinod Ashok Chaudhari is a member of JIPMER UGRM committee.
- Dr. Vinod Ashok Chaudhari is also nominated faculty for hostel purchase, departmental purchase and library.
- Dr. Vinod Ashok Chaudhari is a member of anti-ragging committee
- Dr. Vinod Ashok Chaudhari is Executive committee member of JFA.
- Dr. Naveen. A is the Institute nodal officer for the implementation of the Medico-Legal Examination and Postmortem Reports [MedLEaPR] software, developed by the National Informatics Centre (NIC).
- Dr. Naveen. A is the Departmental faculty in charge of Biomedical Waste Management related issues.
- Dr. Naveen. A is the Departmental Faculty in charge of the PG scientific session program
- Dr. Naveen. A is the Faculty in charge of the Age estimation of athletes for the Sports Authority of India (SAI)

Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies

- Dr. Siddhartha Das was a Joint Editor of the Journal of Indian Academy of Forensic Medicine from 2022-2025.
- Dr. Siddhartha Das is an editorial board member of the journal 'Forensic Medicine and Anatomy research' and 'International Journal of forensic medicine and toxicological sciences'
- Dr. Siddhartha Das is a life member of Indian Academy of Forensic Medicine, South India Medicolegal Association, Indian Society of Toxicology, and Karnataka Medicolegal Society.
- Dr Ambika Prasad Patra nominated as the member for National Advisory Board of Members for the International Conference IAMLECON 2023, by the Indian Academy of Medico-legal Experts (IAMLE) organised by the Department of Forensic Medicine & Toxicology, NEIGRIHMS, Mawdiangdiang, Shillong - 793018, Meghalaya, held on 1-4 June 2023.
- Dr. Ambika Prasad Patra is a life member of Royal College of Physicians, London, UK; Faculty member of Forensic and Legal Medicine, UK; International Academy of Legal Medicine (IALM), Lausanne, Switzerland; Indian Academy of Forensic Medicine, South India Medicolegal Association, Karnataka Medicolegal Society and Indian Society of Toxicology (ex-general Secretary), India.
- Dr. Ambika Prasad Patra is invited Textbook reviewer: contributed as a reviewer for the CRC Press, Taylor & Francis Group, New Delhi, for its Textbook proposals on Forensic Medicine, Forensic Toxicology and Forensic Pathology.
- Dr. Ambika Prasad Patra is appointed as Doctoral Committee Member for the PhD program on Nanotoxicology guided by the Dean and Head of the Department of Biomedical Engineering at Sathyabama Institute of Science & Technology, deemed University, Chennai.
- Dr. Ambika Prasad Patra an Academic Editor/Guest editor/Editorial board member/Reviewer for the biomedical journals Journal of Biomed Research, Archives of Clinical Toxicology, Journal of Current Med Research, Forensic Research & Criminology International Journal, Journal of Medical Evidence, International Journal of Forensic Sciences Journal of Medical Evidence, Indian Journal of Forensic Medicine & Community Medicine, Journal of Indian Academy of Forensic Medicine, International Journal of Medical Toxicology and Forensic Medicine, American Journal of Case Reports, Journal of Forensic Science and Medicine, BMC Emergency Medicine, Springer Nature, National Medical Journal of India, and Human & Experimental Toxicology.
- Dr. Ambika Prasad Patra is a Guest Editor, Cureus Journal of Medical Science, Springer Nature: for articles received for the Special Collections titled Ethical and Medicolegal Frontiers in Modern Medical Practice.
- Dr. Ambika Prasad Patra is a Guest Editor, Journal Clinical Medicine Insights: Case Reports, SAGE Publications: for articles received for the Special Collections titled Clinico-ethical Medical Case Reports.
- Dr. Ambika Prasad Patra contributed as reviewer for the CRC Press, Taylor & Francis Group, New Delhi for the Textbook proposals received for the subject of Forensic Medicine, Forensic Toxicology and Forensic Pathology.
- Dr. Vinod Ashok Chaudhari is National executive member of the Journal of Forensic and Legal Medicine (JFLM)
- Dr. Vinod Ashok Chaudhari is member of Indian Society of Toxicology, South India medicolegal Association, Indian academy of Forensic Medicine, and Medicolegal Association of Maharashtra.
- Dr. Naveen. A is a Life Member of Indian Academy of Forensic Medicine, South India Medicolegal Association, Indian Society of Toxicology, and Karnataka Medicolegal Society

Department of Geriatric Medicine

Faculty List

Officer In-charge and Acting Head:

- Dr D.K.S. Subrahmanyam

Associate Professor:

- Dr Venugopalan G

Departmental Highlights of the Year 2024-25

The Department of Geriatric Medicine functions in the ground floor of Screening OPD block with daily OPD. Older adults 70 years and above are seen here. Last year saw an improvement in the inter-departmental consultation as many patients with fractures (pre-op and post-op), cancer, surgical issues were referred for comprehensive geriatric assessment for determining the care pathway.

This year also saw an effective implementation of assistive device assessment and facilitation of the devices through Rashtriya Vayoshri Yojana where older patients belonging to the below poverty line receives their assistive device free of cost. The senior citizen help desk, medical social worker, and ALIMCO are helping in this endeavour of our department.

Departmental Activities for the Year

Faculty Conference Participation

Delivered oration/ lecture in a CME/ symposium/ workshop

1. Dr Venugopalan G participated in the GERI CARE GERIATRICS CONCLAVE 2024 & 1st Asian Geriatric Oncology Society Conference held in Chennai on 28th and 29th September 2025. He was a panelist in a case-based panel discussion on Geriatric Oncology care. He also delivered a lecture on 'Microbiome as a modulator of health in the elderly'.
2. Dr Venugopalan G participated as a faculty in the Workshop on 'Brain Imaging in Dementia' conducted during the 21st Annual Conference of the Indian Academy of Geriatrics – GERICON 2024 at Institute of Medical Sciences, Banaras Hindu University, Varanasi, on 30.11.2024.
3. Dr Venugopalan G delivered a lecture on 'Delirium - Identification, prevention, and treatment' at the 58th Tamil Nadu Orthopaedics Association Conference (TNOACON) held at Sangamitra convention centre, Villupuram, on 08.02.2025

Participation in Health Camps/ Public Health Awareness/ Education Programme

1. Dr Venugopalan G participated in two live telecast in DoorDarshan Puducherry on 07.05.2024 and 08.10.2024, where he spoke on Elderly health and clarified doubts of viewers through live phone calls.
2. The International Day of Older Persons 2024 was celebrated in the Dept of Geriatric Medicine and public health awareness was created to the patients and care givers in the month of October 2024 through various health talks.

Administrative Assignments

- Dr Venugopalan G is a Executive Committee member of Indian Academy of Geriatrics – South zone co-ordinator for various CMEs and Quiz held in South India.
- Dr Venugopalan G is an Associate Editor of Journal of Indian Academy of Geriatrics
- Dr Venugopalan G is a member of Scientific committee of Institute Research Day 2025

JIPMER International School of Public Health (JISPH)

Faculty List

Officer-In-Charge JISPH

- Dr. Sitanshu Sekhar Kar, MD, MBA

Additional Professor

- NIL

Associate Professor

- NIL

Assistant Professors

- Dr. Little Flower Augustine, PhD
- Dr. Yamini M, MD, DNB
- Dr. Manikandan Srinivasan, MD

Office staff

- M. Prakash, Junior Accounts Officer

Departmental Highlights of the Year 2024-25

During the current academic year, the first phase of Assistant Professor recruitments has been completed successfully. Three faculty members have joined in the specialities of Epidemiology, Communicable diseases and surveillance and Public health nutrition.

The Department is hosting a two-year Master of Public Health Course in collaboration with the Department of PSM, JIPMER, Puducherry. Three Master of Public Health Trainees bagged best paper presentation awards in PUDUCON-25, which was a state-level conference hosted by JISPH in collaboration with Dept. of PSM, along with IPHA and IAPSM Puducherry State branch. Two trainees from the MPH-2 batch secured the best research paper in postgraduate category at the 10th JIPMER research day. Our trainees bagged prizes in quiz and essay writing competitions organised by IPHACON-2025 in Belagavi, Karnataka. As a part of the Global Health capacity building project, five MPH trainees attended the SPRING school on One Health from 14-18th April 2025 at the Heidelberg Institute of Global Health, Heidelberg, Germany. The Learning management system, which was created as part of this collaborative project, was opened for student usage. The MPH trainees also secured internship opportunities at esteemed Indian Institutes such as ICMR-NIE, ICMR-NIN, AIIMS New Delhi and Madurai.

Educational Courses (Courses and Number of Students Intake Per Year)

Post graduate

One course (MPH): Number of seats sanctioned per year: 34

Number of trainees currently enrolled: MPH-1= 17, MPH-2= 18

Departmental Activities for the year

Organised Conference/ CME/ Workshop

State chapter event

- A four-day State level conference PUDUCON'25 was organised during 19-22 January 2025 in collaboration with IPHA and IAPSM State Chapter of Puducherry and Dept of PSM, JIPMER.

Local workshop / CME

- The National Consultation on Tobacco Product Regulation was organised by the National Tobacco Regulatory Forum and JISPH on 6th to 7th March 2025. About 200 representatives from MoHFW, New Delhi and various experts from reputed national institutes deliberated on the tobacco product regulation policy in India.
- As a part of research day, the faculty contributed to 'Qualitative research workshop, JIPMER research day, 8th Feb, 2025, Number of delegates: about 50.
- The faculty members contributed to the workshop conducted for project staff working on multicentric ICMR funded project 'Still birth bereavement care project', on Qualitative research, 21st February 2025, Number of delegates: about 90 delegates from all project sites.
- A three days Dissertation writing workshop was organized on 9th, 14th and 28th November 2024, 18 MPH trainees.
- A workshop was organised on 'nutritional status assessment' for MPH students, 20th December 2024: 18 MPH trainees.
- A manuscript writing workshop was organised in March 2025, 18 MPH trainees.

Faculty Conference Participation

Delivered oration/ lecture in a CME/ symposium/ workshop

The details of conference participation by Dr Sitanshu Sekhar Kar are provided in the report of the Department of PSM. Dr. Yamini participated as faculty in the Pre-conference workshop of MPSCON-2025, AIIMS Guwahati between 7th to 9th May 2025, and the Seminar cum Workshop on Research Methodology and Biostatistics by Dr. NTR university of health sciences: Vijayawada, AP on 23rd April 2025.

Major Events in Department

Visiting Professor/ Faculty

- Dr Swasticharan L, Addl DDG and Director EMR, interacted with the MPH trainees during March 2025
- A guest lecture was delivered on Health Informatics: EHR, EMR & CDSS, by Dr. Kanagarathinam, MRD OIC, JIPMER on 11th January 2025.
- A guest lecture was delivered on Healthcare Analytics and Big Data in disease prevention, Management, Dr. Diwakar Mohan, Associate Research Professor, John's Hopkins Bloomberg Institute, Baltimore, USA on 17th January 2025.

New services started

Three new modules were initiated in the year 2024-25 in collaboration with the Department of PSM i.e the Public Health Nutrition, Gender studies and the Digital health modules.

Awards and Honours

Dr Sitanshu Sekhar Kar was awarded the prestigious IAPSM Fellowship Award for the year 2024-25.

Administrative Assignments

Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies

1. Dr Sitanshu Sekhar Kar – President, IPHA Puducherry chapter
2. Dr Yamini M – Joint Secretary, IPHA Puducherry chapter
3. Dr Manikandan S – Treasurer, IPHA Puducherry chapter
4. Dr Little Flower Augustine – Member, Executive Committee, IPHA Puducherry chapter

Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies

Dr Little Flower Augustine participated as an expert committee member for Curriculum Design and Development of "Diploma in Food and Nutrition/ Diploma in Food Nutrition and Food Technology" Programme, BR Ambedkar open university, 24th March 2025.

Department of Medicine

Faculty List

Professor & Head

- Dr. M Vivekanandan

Professors

- Dr. Tamilarasu Kadhiravan
- Dr. Vinod K.V.
- Dr. Suryanarayana B.S.
- Dr. Chanaveerappa B.
- Dr. Mukta Wyawahare
- Dr. M. Vadivelan
- Dr. Stalin Viswanathan
- Dr. S. Deepanjali

Additional Professors

- Dr. K. Balamurugesan
- Dr. S. Deepak Amalnath
- Dr. R. Venkateswaran
- Dr. S. Jayachandran

Associate Professors

- Dr. Dineshbabu S.
- Dr. Ramadoss R.
- Dr. Venugopalan G (Geriatric Medicine)

Assistant Professors

- Dr. Harishwar P.T
- Dr. Indu M. B

Educational Courses

A. Undergraduate Courses- MBBS

B. Postgraduate Courses- M.D. (Medicine)

C. PhD

D. Post Doctoral Fellowship in Infectious Diseases (two-year course, 1 student per year)

E. Post Doctoral Certificate Course (one-year course, 1 student per year)

Departmental Activities for the Year

Faculty Conference Participation

Dr. Vivekanandan M delivered guest lectures on "antibiotics: uses and misuses" in the CME on infectious disease at Pondicherry Institute of Medical Sciences in October 2024 and "Directed therapy for Gram positive infections" in the 2nd Advanced National Workshop on Antimicrobial Stewardship". held at JIPMER in July 2024. Dr. M. Vadivelan presented "Utility of urinary nephrin in patients with and without diabetic nephropathy and its correlation with albuminuria" at the 3rd RSSDI Research Retreat held at Rajasthan International Centre, Jaipur in April 2024. Dr. K. Balamurugesan participated as an invited faculty and delivered a talk on "Management of Heart Failure beyond OMT" at the 5th CDS Mid Term CME organized by the Cardio Diabetic Society of India on 5th April 2024 at AIIMS, Patna. He also served as an invited speaker on "Sepsis-induced Myocardial Dysfunction" at the 5th Annual Conference of CDS on 8th November 2024 at AIIMS, Rishikesh, and participated as a panel discussant on "The Role of Nutritional Aspects in Heart Failure Management" at the same conference on 9th November 2024. Dr Deepanjali S presented "Dyspnea in the emergency" at the MIMU conference held at Kolenchery, Ernakulam, Kerala, in November 2024. Dr. Venkateswaran R conducted a preconference workshop on "Acid-Base and Blood Gas Analysis" during the CONNAISSANCE Undergraduate Conference at JIPMER in June 2024. He delivered a talk on "Scrub ARDS" at the INFECTIOSUMMIT 2024, a state-level medical conference held on 18th October 2024 at Pondicherry Institute of Medical Sciences, Puducherry. Additionally, he participated as an expert in the Physicians' Conclave for Controlled Human Infection Studies (CHIS) held on 15th February 2025 at THSTI, Faridabad, Haryana. Dr Dineshbabu S, presented a paper on "Etiology of pleural effusion in CKD patients with and without Diabetes: A comparative analysis" at TAPICON held in July 2024. Dr. Ramadoss R presented a poster on "Stress hyperglycemia as a predictor of neurological outcome in near-hanging patients: A Five-year, Retrospective study from a tertiary care centre" at TAPICON 2024, held at Salem in July 2024. He also delivered a talk on "Acute on chronic liver failure" at Mid-TAPICON 2025, held at Kallakurichi in January 2025. He did an oral presentation on "Extended lipid profile and its correlation with angiographic score in statin-naïve acute coronary syndrome patients" at RSSDI 2024, held at New Delhi in November 2024. He also delivered a talk on "Management of Drug-Resistant Gram-Negative sepsis in ICU" at TAPICON 2024, held at Salem in July 2024. He participated in a panel discussion on "Strengthening medical certification of cause of death in the UT Puducherry: opportunities and challenges" at PUDUCON'25, held at JIPMER in January 2025. Dr Hariswar P T presented "Approach to Hypotension in the Emergency" at the MIMU conference held at Kolenchery, Ernakulam, Kerala, in November 2024. He presented "Identification of novel variants in the MYL2 & NDUFS7 gene co-segregating with Hypertrophic cardiomyopathy & NMDAR-encephalitis" at the SIAMG conference held at Ahmedabad, Gujarat, in December 2024, and won 3rd prize in Poster presentation. Dr. Indu

M B participated in the training of medical officers of Puducherry district on management of vector-borne Dengue fever, Chikungunya, and malaria, conducted in two batches in October and November 2024.

Participation in health camps/ public health awareness/ education programme

Dr Dineshbabu S participated in a Live phone-in programme on "NEERIZHIVU NOI SIGHICHAI" telecasted by DD Puducherry on 11th June 2024. Dr K Balamurugesan participated in a Live phone-in programme on " PAKKAVADAM - NABHAGAMARATHI SIGHICHAIGAL" (LIVE ON 02.07.2024) telecasted by DD Puducherry on 2nd July 2024. Dr K Balamurugesan participated in "NALAMAI VAAZHA - NOY KADATHIGALAL YERPADUM PRACHANAIGAL - VILAKKAM" (Vector Borne Diseases and Control Strategies) on 31 Dec 2024. (FOUR CUTS 5MTS TALKLETS, DATE OF BROADCAST 01/01/2025 TO 4/1/2025).

Administrative Assignments

Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies

- Dr Tamilarasu Kadhiravan served on several occasions as an expert member on protocol development, project mentoring and progress review committees of the ICMR; Guideline Development Group of the DHR for evidence-based antibiotic guidelines in India.
- Dr. Venkateswaran R served as an expert member in the Guideline Development Group for Evidence-based antibiotic guidelines at Department of Health Research, New Delhi.

Member in constituted Institute Committees

- Dr Vivekanandan M served as Member of various committees including PAC/RRC committee, Hospital Store Articles Purchase Committee, Drugs Purchase and Utilization Monitoring Committee, National Tuberculosis Elimination Program (NTEP) core committee.
- Dr Tamilarasu Kadhiravan served as member-secretary of the international conference assessment committee, and as a member of PhD research monitoring committee and library committee of JIPMER.
- Dr.M. Vadivelan has been appointed as a member of the Institute Committee for reimbursement of medical claims since January 2025.
- Dr Mukta Wyawahare is a member of JSAC and Institute Condemnation committee.
- Dr. Venkateswaran R is a member of the equipment requirement and review committee (ERRC), Committee to review proposals to install equipment under OPEX, antimicrobial stewardship committee, hospital information system (HIS) committee, undergraduate research monitoring committee (UGRMC) and the implementation committee for critical care hospital block (CCHB).

Department of Medical Education

Faculty

Professor & Head, Convener of NMC Nodal Centre
Dr. Z. Zayapragassarazan

Departmental Highlights of the Year

The Department of Medical Education (DME) at JIPMER focuses on faculty development, capacity building, and academic training at institutional, regional and national levels.

List of Resource Faculty

S.No.	Faculty	Role
1.	Dr. D. Kadambari, Professor of Surgery	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for the proposed Fellowship in Health Profession Education, President of Alumni Association of NTTC JIPMER and Coordinator for promoting Educational Research.
2.	Dr. Latha Chaturvedula, Professor of Obst. & Gyn.	NTTC Faculty, Coordinator for offsite programs
3.	Dr. Zachariah Bobby, Professor of Biochemistry	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for MSc, & PhD Orientation Programs.
4.	Dr. Sitanshu Sekhar Kar, Professor & Head of P&SM	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for offsite programs.
5.	Dr. Nanda Kishore Maroju, Professor of Surgery & Head of EMS	NTTC Faculty, Coordinator for Student-doctor method of Clinical Training and Palliative Care Education.
6.	Dr. S. Manikandan, Additional Professor of Pharmacology	NTTC Faculty, Coordinator for Medical Humanities.
7.	Dr. Vikas Menon, Professor of Psychiatry	NTTC Faculty, Coordinator for Mental Health Education Programs.
8.	Dr. Mahalakshmy T, Additional Professor of P&SM	NTTC Faculty, NMC Nodal Centre Faculty, Co-convener (BCME) for NMC Nodal Centre.
9.	Dr. Devi Prasad Mohapatra, Professor & Head of Plastic Surgery	NTTC Faculty, Coordinator for DM, MCh Orientation Programs.
10.	Dr. Medha R, Professor of Biochemistry	NTTC Faculty, NMC Nodal Centre Faculty, Co-convener (ACME) for NMC Nodal Centre, Coordinator for MSc, & PhD Orientation Program, Treasurer of Alumni Association of NTTC JIPMER.
11.	Dr. M. Vivekanandan, Professor & Head of Medicine	NTTC Faculty, Coordinator for first year MD, MS Orientation Program.
12.	Dr. Ram Sankar. P, Additional Professor of CTVS	NTTC Faculty Centre, Coordinator for DM, MCh Orientation Programs.
13.	Dr. Madhusudhanan Ponnusamy, Additional Professor & Head of Nuclear Medicine	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for MBBS Foundation Course and First Year MD, MS Orientation Programs, Member of PG Curriculum Revision Sub-committee
14.	Dr. Subathra. A, Additional Professor of Radiodiagnosis	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for Interns Orientation Program and Coordinator and Member of PG Curriculum Revision Sub-committee.
15.	Dr. Sivaraman G, Additional Professor & Head of ENT	NTTC Faculty, NMC Nodal Centre Faculty, Co-convener (ACME) for NMC Nodal Centre, Coordinator for third year PG Orientation Program, Coordinator for promoting Educational Research.

S.No.	Faculty	Role
16.	Dr. Nivedita Nanda, Additional Professor of Biochemistry	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for MBBS Foundation Course.
17.	Dr. B. Abhishekh, Additional Professor of Transfusion Medicine	NTTC Faculty, Coordinator for MBBS Foundation Course.
18.	Dr. J. Sree Rekha, Additional Professor of Pathology	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for first year MD, MS Orientation Program.
19.	Dr. Dinesh Kumar. V, Associate Professor of Anatomy	NTTC Faculty, Coordinator for BSc., AHS Foundation Course.
20.	Dr. R. Rajalakshmi, Associate Professor of Physiology	NTTC Faculty, NMC Nodal Centre Faculty, Coordinator for Interns Orientation Program, Coordinator for BSc. AHS Foundation Course.

Educational Courses

The Department of Medical Education organized the following educational training programmes during the academic year 2024-2025:

a. National Courses on Educational Science for Teachers of Health Professionals
b. NMC Basic Course Workshop in Medical Education (BCME), Curriculum Implementation Support Program (CISP) and Advance Course in Medical Education (ACME)
c. Foundation Course for first-year MBBS.
d. Foundation Course for first year BSc., Allied Health Sciences.
e. Nursing Education for M.Sc. (Nursing) Nursing College, JIPMER.
f. Interns Orientation Programme
g. First-year PG orientation for MSc/MPH
h. Orientation Programme on Quality Care, Ethics and Research Methodology for first-year postgraduates (MD/MS/MDS, DM/MCh, MSc., PhD.,)
i. Training Programme on Research Methodology and Scientific Writing for final year postgraduates (MD/MS/MDS, DM/MCh).
j. Simulation-based Skill training for interns and residents.
k. PhD in Medical Education
l. JIPMER Advanced Course in Research Methodology (JACRM)

Faculty Conference Participation

Dr Z Zayapragassarazan attended the following conferences in various capacities in the reporting year.

- Conducted a Training course on Educational Science for Teachers of Health Professionals held from 8th-13th April 2024 at AIIMS Patna.
- Served as a resource faculty for 'ICT Enabled Learning' organized by ACS Advanced Medical Research Institute, Dr MGR Educational and Research Institute, Chennai on 26th April 2024. Resource Faculty for Qualitative Research in Medical Education conducted by the Department of Medical Education in Collaboration with AIIMS New Delhi from 19 – 25 July 2024.
- Served as a resource faculty for Certificate Course in Basic Medical Education Technology in Ayurveda Organized by Kottakal Ayurveda School of Excellence, Kerala from 30.6.2024-14.8.2024.
- Served as a resource faculty for 'Training of Trainers in Soft Skills' and 'Introduction to Soft Skills for Healthcare Workers' organized by AIIMS Kalyani on 7th & 8th Oct 2024.
- Served as a panelist for the Panel Discussion on "Establishing Centre of Excellence in Medical Education" for presentation at 10th FIPSASSOPICON 2024 on October 21, 2024.
- Served as an Educator for (ATLS) Instructor Course held at JIPMER Pondicherry from 20th to 22nd October 2024.
- Participated in the Qualitative Research Workshop Organized by AIIMS Mangalagiri from 24-26 October 2024.
- Served as a member of National Assessment and Accreditation Council (NAAC) Peer Team Visit to BETA College of Education, W. Bengal from 6th-7th December 2024.
- Served as an Educator for the Training of Trainers program conducted as part of Global fellowship program in Palliative Care Education organized by Pallium India, Trivandrum from 17th and 18th Dec 2024.

Administrative Assignments

Dr Z Zayapragassarazan was assigned for the following administrative roles in the reporting year.

1. Member Secretary for Central Simulation Lab, JIPMER
2. Convener of NMC Regional Centre, JIPMER
3. Organizer of BLS and ALS training for interns.
4. Consultant on educational interventions for the faculty of JPMER
5. President of Alumni Association of NTTC JIPMER.
6. Member of Board Advisory Committee (BAC) for Palliative Care Education of Pallium India, Trivandrum.
7. Member of Board of Studies for MHPE in Health Profession Education (HPE), Mahatma Gandhi Medical College and Research Institute, Sri Balaji Vidyapeeth (SBV), Puducherry.
8. External Member of the Selection Committee for Selection of Candidates for Masters in Health Profession Education (MHPE), Institute of Health Profession Education, MGMCRI.

Department of Medical Gastroenterology

Faculty List

Additional Professor and Head

- Dr. Pazhanivel Mohan

Associate Professor

- Dr. Senthamizh Selvan

Departmental Highlights of the Year 2024-25

The department started a dedicated support group for patients with Inflammatory Bowel Disease (IBD), providing them with continuous guidance and peer support during this period. An 'e-CME' of the Tamil Nadu Chapter of the Indian Society of Gastroenterology was successfully organized by the department facilitating knowledge exchange among practicing gastroenterologists and trainees. A focused workshop on 'Cholangioscopy' was conducted this year to enhance the advanced diagnostic skills of clinicians and residents. Additionally, a specialized training program for endoscopy nurses and technicians on the 'Sterilization and Disinfection of Endoscopes' ensuring adherence to high standards of patient safety and infection control was conducted by the department.

Educational Courses

The department has its DM teaching programme, which was started in July 2017 with an annual intake of two postgraduates. The first batch student passed out in June 2020. The DM gastroenterology seats were increased from six to eight from the January 2025 session. The department is also involved in short term training of postgraduates from Internal Medicine during their two to four-week rotation in Gastroenterology. Other short-term training programs that the department is involved include: four-week training of postgraduates from biochemistry and two-week training of transfusion medicine residents. The department faculties are involved in undergraduate student teaching of various gastroenterology related topics.

Departmental Activities for the Year

Organised conference/ CME/ workshop

The department organized a 'e – CME' of the Tamil Nadu Chapter of Indian Society of Gastroenterology, on 2nd October 2024, which was attended by 120 Gastroenterologist and DM residents on a virtual platform. A workshop on 'Cholangioscopy' was organized by the on 11th November 2024. During the workshop, live case demonstration was done by a Senior Gastroenterologist from Chennai and the department faculty. We also conducted a workshop for Endoscopy nurses and technicians on 'sterilization and disinfection of endoscopes' on 20th November 2024.

Faculty conference participation

Dr. Pazhanivel Mohan was the invited faculty at the annual conference of the Indian Society of Gastroenterology Tamil Nadu Chapter held in Coimbatore between 28th February and 2nd March 2025. He delivered a talk on "Guidance from guidelines for Helicobacter pylori". He was invited for the 20th annual conference of the Indian chapter of International Hepato-Pancreato-Biliary association held in JIPMER to deliver a talk on *Overview of medical disorders of the liver* for Hepatobiliary Nursing. He was the faculty at the single operator Cholangioscopy workshop conducted at JIPMER on 11th November 2024. He was involved in the case demonstration and teaching of the postgraduates on role of cholangioscopy in pancreaticobiliary disorders.

Dr. Senthamizh Selvan presented a study titled "Defecation problems and quality of life after minimally invasive sphincter preserving surgery for rectal cancer – a prospective observational study" at the annual conference of the Indian National Motility association, held in New Delhi, on 22nd to 23rd June 2024. He chaired a session on "Food allergy syndrome", in the Mid-term conference of the Tamil Nadu Chapter of ISG, held in Tirunelveli, Tamil Nadu on 19th and 20th October 2024.

Major events in Department

New services started

A three bedded intensive care unit was started by the department in April 2024 in the ground floor of the Super Specialty Block. The department also inaugurated the 'Support group for IBD patients' in March 2025. The team comprised of Gastroenterologist, Dietician, Nurses, Medical social worker and yoga trainer. The plan is to conduct support group meeting in the department with the IBD patients once every 3 months.

Awards and Honours

Dr. Senthamizh Selvan, was awarded the 'RISING STAR of TNISG' at the annual conference of the Tamil Nadu chapter of Indian Society of Gastroenterology, held on 28th Feb to 2nd March 2025, at Coimbatore, Tamil Nadu. He received the Prof. VI Mathan award for the best publication at the annual conference of the Tamil Nadu chapter of Indian Society of Gastroenterology, held on 28th Feb to 2nd March 2025, at Coimbatore, Tamil Nadu.

Dr. Syed Ishfaq won the best paper award for the study titled "Assessment of clinical, endoscopy, and manometry profile among the patients with late anorectal toxicity who have undergone primary radiotherapy for pelvic malignancies - a prospective observational study", at the plenary session of the annual conference of the Tamil Nadu chapter of Indian Society of Gastroenterology, held between 28th Feb and 2nd March 2025, at Coimbatore, Tamil Nadu.

Administrative Assignments

Dr. Pazhanivel Mohan was the member of the Inspection committee of the MOHFW for Inspection of East Coast Hospitals Ltd., Puducherry for grant of Certificate of Registration for Kidney, Liver and Pancreas Transplantation. He is the member of the Institute Ethics committee for Nursing courses. He is also a member of the Hospital Stores Articles Purchase Committee.

Dr. Senthamizh Selvan was member of the technical expert committee for the procurement of Endoscopic ultrasound system for the New AIIMS Institutions under the under PMSSY – IV and PMSSY-V.

Department of Medical Oncology

Faculty List

Additional Professor & Head

- Dr. Smita Kayal

- **Professors**
- Dr Biswajit Dubashi
- Dr. Prasanth Ganesan

Assistant Professors

- Dr. Swaminathan K
- Dr. Shuvadeep Ganguly
- Dr. Uppugunduri Sathyanaraya Chakradhara Rao

Departmental Highlights

Department of Medical Oncology focuses on high-quality patient care and advancing cancer management. We register around 3,000 new cases annually, with 45,000 outpatient visits. Our day care unit administer about 12,000 chemotherapy courses each year. The Bone Marrow Transplant program, started in 2013, has completed approximately 310 transplants. We help patients secure funds for expensive treatments with the support of coordinators, social workers, NGOs, and state health insurance. Our "Home Away from Home" facility provides accommodation for paediatric patients and their families undergoing extended treatment. The medical oncology laboratory supports patient care and research with comprehensive lab services, molecular diagnostics, and training programs.

Educational Courses

Currently, the department comprises six faculty members and nine DM Medical Oncology postgraduate trainees. We also provide training to postgraduate students from other specialties, including medicine, gynecology, pediatrics, transfusion medicine, pathology, and radiation oncology, during their specialty rotations. The PhD program, initiated in 2016, has expanded steadily, with two candidates having completed their degrees and five PhD students actively pursuing research within the department.

Departmental Activities for the Year

Medical Oncology Academic Programs

Activity	Description	Date/Period	Target Audience
DM (Medical Oncology) Batch 2024	Postdoctoral 3-year training in oncology	July 2024 – June 2027	MD Medicine/Pediatrics graduates
Tumor Board Meetings	Case-based multidisciplinary discussions	Every Tuesday & Friday (2024–25)	Faculty, Residents
Journal Club & Seminars	Academic research discussions by residents	Weekly (Fridays, 2024–25)	DM Residents, Interns
Grand Rounds	Clinical case presentations with faculty review	First Monday of Every Month	Department Faculty, Students

Medical Oncology Conferences

Activity	Description	Date/Period	Target Audience
CME & Alumni Meet (CANVERSARY-2025)	Two-day event with expert talks, panel discussions, competitions, and alumni meet to mark key departmental milestones.	25th – 26th January 2025	Oncology trainees, professionals, and alumni
CME (NGS) - Seminar on NGS and Microarray Applications	Half-day seminar on clinical and research uses of NGS and Microarray, with talks by experts from various specialties.	28th September 2024	Medical faculty, researchers, clinicians, students

Medical Oncology Workshops

Activity	Description	Date/Period	Target Audience
SERB Workshop 2025	Two-day workshop on AML with expert talks, lab tours, and hands-on sessions; attended by ~80 delegates from South India.	26th – 27th July 2024	Students, professionals, and faculty in oncology
dPCR Workshop (Research Day 2025)	One-day workshop on digital PCR with expert talks and live demo, covering theory, applications, and result analysis.	28th February 2025	Faculty, PhD scholars, technicians, junior residents

Faculty Conference participation:

Dr. Smita Kayal, Additional Professor & HoD:

Dr. Smita actively contributed to multiple academic and professional events over the year. She delivered a talk titled "A to Z of Bone Marrow Transplant for the Nephrologist" at the Onconephrology Symposium in Chennai on 6th April 2024. Representing RCC, JIPMER, she presented on cancer care delivery and future priorities at the National Consultation of Cancer Centres under PMSYY, organized by MoHFW and AIIMS on 11th June. On 13th July, she spoke on chemotherapy-free management of APML at the mid-term PHO CME in Nagpur. She organized a SERB-supported workshop on leukemia at JIPMER on 26th–27th July. At the 5th YHOP in Lucknow, she discussed therapy optimization in ALL on 14th September. As Organizing Chairperson, she led "Canversary 2025" at JIPMER on 25th–26th January. She also completed a DHR-supported fellowship in allogeneic HSCT and cellular therapy at ACTREC, Tata Memorial Center, Navi Mumbai, from 1st March to 30th April 2025.

Dr. Biswajit Dubashi, Professor

Dr. Biswajit Dubashi participated in a Scientific Exchange Visit at the University of Geneva, Switzerland, in November 2024, and attended the Successor-1 & 2 APAC Investigator Meeting in July and KINGCA WEEK 2024 in Korea in September. He served as faculty for the Genome-Wide Association Analysis Workshop under the MPGxINDALL study in October and presented on myeloma diagnosis and treatment at the Indian Myeloma Conference 2025 in January. He reviewed project progress at the ICMR Annual Meeting held in New Delhi from February to March 2025. Dr. Biswajit also serves as an examiner for DM/DNB Medical Oncology courses, expert for faculty recruitment, and doctoral committee member at JIPMER. Additionally, he is an assessor for the National Medical Commission and Diplomate National Board for sanctioning new Medical Oncology courses, expert reviewer for projects at the Institute Research Board, MGMC College, Puducherry, and member of the Advisory Board at the Balaji Institute of Oncology, SVIMS, Tirupati.

Dr. Prasanth Ganesan, Professor

Dr. Prasanth Ganesan delivered multiple talks across national platforms. He spoke on pharmacogenomics in oncology at a workshop in Amrita Institute, Kochi in November 2024 and presented lung cancer updates at the Best of ESMO meeting in AIIMS, New Delhi. In January 2025, he gave talks on supportive care in oncology and NGS applications at Amrita Institute and JIPMER, respectively, and participated in the JAAMO meeting at JIPMER with a session on CLL and a panel on cancer nutrition. He moderated a panel on psychological challenges in AYA oncology at the Asia Pacific Psycho-oncology Meeting. In February, he conducted a session on site staff roles in clinical research during ICMR's GCP training and spoke at the Manuscript Writing Workshop at OUHS, Bhubaneswar on the importance and best practices of scientific writing. Dr. Prasanth remains actively engaged in academic leadership through educational initiatives and expert discussions.

Dr. Swaminathan K, Assistant Professor

Dr. Swaminathan received a registration and travel grant of 2000 USD from St. Jude Global and the National Cancer Grid for the CReDO Workshop 2025. He served as an organizing member for "Canversary 2025 – Supportive Care in Cancer," hosted by the Department of Medical Oncology, JIPMER, Puducherry. At PHOCON 2024 in Jammu, he moderated a panel discussion on pediatric oncological emergencies and delivered a lecture on "Nutrition – Myths and Facts." He coordinated the Virtual Tamil Nadu–Puducherry Pediatric Oncology Meet (TPPOG) for three months from December to February. He was invited as a delegate to the Survivorship & Late Effects Meeting held at AIIMS, New Delhi, in August 2024, and to the Pediatric Cancer Registry and Data Meeting at the Cancer Institute, Chennai, in January 2025. Additionally, he moderated a panel discussion on immunotherapy in pediatric ALL at SRIHER, Chennai, in January 2024.

Dr. Shuvadeep Ganguly, Assistant Professor

Dr. Shuvadeep Ganguly served as invited faculty at the workshop "Clinical and Research Perspective in

Leukemia [with focus on AML]" organized by the Department of Medical Oncology, JIPMER, in July 2024. He was a resource faculty at the Basic RedCap Training Workshop organized by the Research Section, JIPMER, in August and attended the Quality Improvement Training Workshop conducted by the National Cancer Grid – Stanford EQUIP India Program in Bengaluru in October. He was an invited panelist at the "Best of ESMO 2024" organized by RESMO in New Delhi in November. As an organizing member, he contributed to "Canversary 2025 – Supportive Care in Cancer" at JIPMER in January. He also served as invited faculty for the "Childhood Cancer Survivorship Symposium" at AIIMS, New Delhi, in February 2025, and for the "CME on Lung Cancer" organized by NAMS and the Department of Pathology, JIPMER, later that month.

Dr. Uppugunduri Satyanarayana Chakradhara Rao, Assistant Professor

Dr. Rao participated as a speaker in the Oncology Workshop Connaisance 2024 at JIPMER, Puducherry, delivering a talk on research in oncology. He was an invited speaker at *OMICS for the CLINICS* organized by the Center for Precision Medicine, AIIMS Bhopal, where he spoke on pharmacogenomics in research. At Biomarkers Day 2024 in UNIGE, Switzerland, he presented on existing and emerging biomarkers in pediatric oncology and hematology. He served as the Organizer and Scientific Program Director for the Indoswiss Conference on Pharmacogenomics in Oncology and Cardiology held in Kochi in November 2024. In March 2025, he was a scientific expert at the CANSEARCH UNIGE Scientific Retreat in Geneva and participated as a Steering Committee Member for the Cansearch Research Platform of PRPOH, UNIGE, in September. Additionally, he was faculty for the Genome-Wide Association Analysis Workshop under the MPGxINDALL study held in October 2024.

Participation in Health Camps/ Public Health Awareness/ Education Programmes/ Other Social Activities & Awareness Programs Conducted by the Department

- The PSG Forum was conducted on 23rd March 2024. Dr. Swaminathan K, Paediatric Oncologist from our department, led the session. The Medical Social workers are conducting The Parent Support Group (PSG) Forum at JIPMER facilitated discussions among parents, healthcare professionals, and support staff to address challenges in paediatric cancer care. Once in 3 months, this session emphasized the importance of emotional, financial and treatment-related support provided by CANKIDS team to the patients, strengthening the collaboration between families and medical teams.
- On 25th May, Nurses were celebrated at RCC Seminar Hall, JIPMER, with cake cutting, gifts, and a quiz session. Nurses and other staff acknowledged their invaluable contributions towards patient care.
- Survivor Day was celebrated on 8th June 2024, Cancer survivors and their families gathered at MP Hall, JIPMER, to share inspiring stories and celebrate their journey. Experts provided guidance on survivorship, nutrition, and social support.
- Doctors Day Celebrated on 1st July 2024 Children expressed gratitude to doctors at RCC Seminar Hall, JIPMER, by making greeting cards and engaging in crafts. The event honoured the dedication of medical professionals.
- The department get-together event, titled "Rave-up," took place on 20th July 2024, bringing together staff from various divisions of JIPMER, including faculty members, senior resident doctors, nurses, social workers, office staff, OPD staff, and project staff. The event, hosted in the spacious MP Hall of the Nursing College, was designed to foster a sense of teamwork, camaraderie, and fun among the staff, with a well-rounded agenda comprising workshops, games, gifts, prizes, fun activities, photos, and lunch.
- Children on cancer treatment were showing their fancy dress on view of Krishna Janmashtami on 10th October 2024 which was coordinated by Ms Jasmine and Ms Meenatchi.
- As a part of the Pink October celebration, Doctors for You in collaboration with the Indian Council of Medical Research's Breast Cancer Survival Study (ICMR-BCSS), organised a marathon event on October 20, 2024, to raise awareness about breast cancer and its treatment options within our community. The event brought together healthcare professionals, students, and the local community to promote the message that "No one should face breast cancer alone. Dr. Gautam Roy, Director (Acting), Dr. LN Dorairajan, Medical Superintendent, and Dr. Ravi Chittoria, Associate Dean academic flagged off the marathon.
- The Diwali Celebration took place on 11th November 2023, featuring a music show, gifts, snacks, and dance. The Diwali gifts were costs around Rs. 30,000 supported by Rotary Club of Pondicherry Eves.
- Every year, we celebrate Christmas during the third week of December, just before Christmas Eve. This year, on 23rd December 2024, we organized a festive event complete with gifts, music, dance, a magic show, and a variety of snacks and sweets.
- The celebration of International Childhood Cancer Day took place on 22nd February 2024 at ICCD was conducted to raise awareness about childhood cancer with inspiring talks by doctors, survivors and social

workers. Children participated in fun activities, and the event emphasized early diagnosis and holistic support.

- Birthday celebrations are organized twice monthly by volunteers and other NGOs for children who are celebrating their birthdays during that specific month.
- With support from local NGOs, facilitation is provided for Drug, Investigations, Ambulance, food and Bereavement.
- Home away home support for patients on active treatment and follow up.

Major events in the Department

Visiting professor

Dr. Yvonne Gloor, a molecular biologist and pharmacogeneticist, visited to engage with project team members and finalize DNA sample preparation for shipment to Geneva for phase one analysis. She provided valuable inputs on data collection in eCRFs, sample processing, and biobanking. Dr. Gloor also shared updates on candidate prioritization for phase one, discussed plans for phase two analysis, and helped develop a framework for future collaborations. Additionally, she offered real-time support during a workshop on genetic data analysis.

New Services Started

CAR-T Cell Therapy: CAR-T cell therapy has been administered to three patients (two with multiple myeloma and one with DLBCL) in our Transplant and Cellular Therapy Unit over the past five months. This advanced treatment is offered to patients with relapsed or refractory malignancies who have undergone multiple prior therapies.

Neuro-Oncology Tumour Board: A dedicated Neuro-oncology Tumor Board has been initiated in April 2025 in collaboration with Radiation Oncology, Neurosurgery, and Radiodiagnosis to enable multidisciplinary management of CNS tumors.

Laboratory services:

CD34 Enumeration and Cell Viability Testing: From August 2024, the laboratory initiated CD34 enumeration and cell viability testing in collaboration with the Hematopathology unit, Department of Pathology. This service supports the Bone Marrow Transplantation (BMT) unit and enhances hematopoietic stem cell transplantation workflows.

Upcoming Services (in Development)

- Asparaginase Activity Assay Monitoring: Currently under standardization, this assay is already in use in departmental research projects. Its full implementation in patient care awaits the acquisition of a dedicated plate reader.
- PCR-Based Molecular Oncology Testing: Standardization of fusion gene detection assays (e.g., BCR-ABL) is underway. The introduction of dedicated molecular equipment will enable these services to support diagnostic workflows.

Awards and Honours

Name of the individual(s) who received the recognition	Title of the recognition	Regional, National, International;
Dr. Swaminathan K	Registration and Travel Grant for CReDO workshop 2025 (2000 USD) from St Jude Global and National Cancer Grid.	International
Dr. Shuvadeep Ganguly (Asst. Professor)	Associate Fellow, Indian Academy of Sciences	National
Dr. Uppugunduri S Chakradhara Rao (Asst. Professor)	Board member, Global Pharmacogenomics Committee, PGRN	International
Dr. Uppugunduri S Chakradhara Rao (Asst. Professor)	Councillor, IUPHAR The Pharmacogenetics, Drug Metabolism and Transport Committee	International
Dr Muthuveerappan S (2nd year DM resident)	1st prize in oral paper presentation, JIPMER CANVERSARY, January 2025	National
Dr Muthuveerappan S (2nd year DM resident)	1st place in online CA RECTUM quiz - Gastrointestinal teaching academics, April 2025	National
Dr Muthuveerappan S (2nd year DM resident)	1st prize in AAZPIRE 2025 Research Protocol workshop conducted by TATA ACTREC	National

Name of the individual(s) who received the recognition	Title of the recognition	Regional, National, International;
Dr Sai Kiran and Dr Chandan Kumar Jena	3rd prize in Myeloma Quiz - Myeloma Matters Conference conducted at KIDWAI, August - 2024	National
Dr Sai Kiran	2nd prize in oral paper presentation, JIPMER CANVERSARY, January 2025	National
Dr Sai Kiran	1st prize in Online CA Breast Quiz - Pink Conclave SABCS Highlights 2024, January 2025	National
Dr Sai Kiran	1st prize in CA Lung Quiz - Lung CME under Diamonds project, Dept of Pathology, JIPMER, Febuary 2025	National
Dr Sai Kiran	3rd prize in Online Myeloma Quiz IMaGE Society, March 2025	National
Dr Sai Kiran	1st prize in All India CAR-T cell Quiz - 1st Annual CAR-T Cell Therapy Summit, April 2025	National
Dr Sai Kiran	Sponsored Observership in CAR-T Therapy at TMH, Parel	National
Dr Reshma A	1st Prize in Poster presentation- APPON (Asia-Pacific Psycho-Oncology Network) Meeting 2024	International
Dr Emily Immaculate Mary	2ND Prize in ORAL Presentation(Research Staff)	National
Dr Chandan Kumar Jena	3rd prize in Myeloma Quiz	National
Ms C R Akshata	1st Prize in ORAL Presentation Ph.D	National
Aarthi J	1st prize in BEST ORAL PRESENTATION	National
Ramya Ramesh	1st Prize in the Poster Presentation	National
Ramya Ramesh	International travel grant (Non ICMR scientist category)	International
Ramya Ramesh	2nd Prize in ORAL Presentation(Ph.D)	National
Kaaviya D	1st Prize in ORAL Presentation(Research Staff)	National

Administrative Assignments

Dr. Smita Kayal

- Office bearer in Standing National/ State Academic/ Educational or Scientific committees or Government approved academic/ Scientific bodies
- Dr. Smita Kayal is the chair of the AML (Acute Myeloid Leukemia) Subcommittee of the Indian Pediatric Hemato – Oncology Group (INPHOG).
- Dr. Smita Kayal is the chair of the AML (Acute Myeloid Leukemia) working group of the Hematology Cancer Consortium.
- Dr. Smita Kayal is a member of the AML Subcommittee of ICMR (Indian Council of Medical Research).
- She is the member of SEC (Subject Expert Committee on Hematology & Oncology) of the Central Drugs Standard Control Organization (CDSCO) under the Directorate General of Health Services, Ministry of Health & Family Welfare, Government of India.
- Member in constituted Institute Committees
- Dr. Smita Kayal is a member of the JIPMER Antibiotics Stewardship Committee.
- Office bearer in National / State or Inter-institute committees or Government approved Academic / scientific bodies

Dr. Biswajit Dubashi

- Deputy Medical Superintendent, RCC
- Nodal officer for the RCC phase 3 project
- Member secretary for Tissue Bio banking.
- Member PhD RMC committee.
- Subject Expert for Ethics committee at MGMC, Puducherry
- Member of Ayushman Bharath committee for Medical Oncology
- Member of the GFR 155 committee JIPMER
- Member of the CCTV committee instalment at JIPMER
- Member of European Association of Cancer Research (EACR15751)
- Member of European Society of Medical Oncology (63333)
- Life member of Indian Co-operative Oncology network (ICON).

- Life member of Indian Cancer Society.
- Member of American Society of Hematology (1101131)
- Life member of Indian association of Palliative care (LF/D/50)
- Member of American society of Clinical Oncology (407148)
- Office bearer in National / State or Inter-institute committees or Government approved Academic / scientific bodies

Dr. Prashant Ganesan

- Member of the Institute Ethics Committee for Human Studies, JIPMER, from April 2019
- Member Secretary of Sponsored Clinical Trial Research Committee, JIPMER, from April 2020.
- Member of Intramural research fund Committee from 2020
- Associate dean research from July 2023
- Member of the Technical Working group to guide Implementation of District Cancer Day Care Centers, under NPPC-NCD, under the DGHS, MOHFW. Constituted in March 2025.

Dr. Swaminathan K

- Primary delegate at JIPMER for the INPHOG Research foundation and is a Member of the INPHOG subcommittee- non-Hodgkin lymphoma, LCH, and cancer genetics subcommittee.

Dr. Shuvadeep Ganguly

- Member, Scientific Committee for Research Day 2025, JIPMER, Puducherry

Dr. Uppugunduri Satyanarayana Chakradhara Rao

- Member- Committee for JIPMER central research facility functioning and capacity building.

Department of Microbiology

Faculty List

Professor

- Dr Sujatha Sistla (Senior Scale)
- Dr Rakesh Singh (Professor & Head)
- Dr Rahul Dhodapkar

Additional Professor

- Dr Rakhi Biswas
- Dr Noyal Mariya Joseph
- Dr Apurba Shankar Sastry

Assistant Professor (on contractual basis)

- Dr Maanasa Bhaskar
- Dr. Radha Sugumaran
- Dr. Uneza Husain

Departmental Highlights of the Year 2024 – 25

This year marks the 5th year of the Global Health and Humanitarian Medicine (GHHM) practical training (2024-25) for mid-career doctors with international and national participants in January 2025 by the Department of Microbiology as a part of the MSF-JIPMER agreement which was organized under the aegis of Royal College of Physicians, UK as a part of their DTM &H course. It was conducted in JIPMER, Puducherry for the 5th time consecutively with great response from the international participants. The Department of Microbiology also conducted the 4 th and 5th Advanced National workshop on Medical Mycology which is targeted at the postgraduate trainees and junior faculty and the Diagnostic virology workshop, antimicrobial stewardship and hospital infection control programs. The Department is acting as mentor institute to many states in south India for starting their testing centres and training their staff for COVID-19 and tackling all the samples. The Department has been acting as short training center for MD Microbiology students for advanced diagnostic techniques from other medical collages in Pondicherry too.

Educational Courses

The Department of Microbiology offers undergraduate courses such as MBBS, bachelor in medical laboratory services (BMLS), B.Sc. Nursing and B.Sc. Allied Medical Sciences. The Department offers MD Microbiology course for a maximum of 5 candidates per year. Besides this, the department has been offering M.Sc. Medical Laboratory Technology (Microbiology) course since 2010 for which a maximum of 5 candidates are enrolled every year and offers PhD courses in Microbiology annually. The Department is involved in teaching medical record trainees & Medical record officers (MRT/MRO) and Emergency Trauma Technician Courses (EMT). We have 19 junior and 7 senior residents as of 31st March 2025. In this year, 1 junior resident obtained their MD degree after successfully completing their degree. The Department is offering a postdoctoral fellowship course in Hospital Infection Control which is for tenure of 2 years.

Departmental Activities for the year

Organised conference/ CME/ workshop

International Conference / workshop

Organized the 5 th Global Health and Humanitarian Medicine (GHHM) practical training in parasitic infections and its diagnosis for mid-career doctors with international and national participants from 9th – 11th January 2025, as a part of the MSF-JIPMER agreement as a south Asian centre and which was organised under the aegis of Royal College of Physicians, UK as a part of their DTM&H course. It was conducted in JIPMER, Puducherry for the 5th time consecutively with great response from the international participants.

National conference/workshop

1. Organised the 2nd Advanced National Workshop on Antimicrobial Stewardship at JIPMER from 24.07.2024 to 28.07.2024. Participants across various states of India as well as neighbouring countries like Bangladesh participated in the event. This workshop provided training on various aspects of antimicrobial stewardship (AMS) such as diagnostic stewardship, processing of clinical specimens, CLSI and EUCAST based AST interpretation, breakpoint-to-MIC-quotient, steps of implementing AMS program in a hospital, AMS interventions, PK/PD of antimicrobials, principles of antimicrobial therapy, and Hospital Antibiogram. The number of participants selected for the workshop was limited to 200 doctors which include Microbiologists (faculty, consultants, senior residents, infection control officers) working in infection control. In addition, clinicians and ID physicians were also selected for the event for the clinical stewardship modules conducted on the last 2 days.
2. Organized 5th National Conference of Health & Intellectual Property Rights Academy - India (HIPRACON) entitled “Building the Future of Health Care with Innovation & Creativity” on 19th and 20th October, 2024 held at conference Hall, Super-specialty Block, JIPMER, Puducherry.

3. Organized a National Mycology workshop entitled "Basics of Fungal Identification and Susceptibility Testing" on 21st November, 2024, in collaboration with Government Medical College Hospital, Chandigarh, Ruby Hall Clinic, Pune and Byramjee Jeejeebhoy Government Medical College, Pune held at Ruby Hall Clinic, Pune in a National Microbiology conference MICROCON 2024 - "47th Annual Conference of Indian Association of Medical Microbiologists (IAMM)". The workshop was Accredited by the Maharashtra Medical Council with two credit points.
4. Organized 4th and 5th Advanced National workshop on Medical Mycology from 2nd to 4th May, 2024 and 26th to 28th December, 2024 respectively under the aegis of Indian Association of Medical Microbiologists (IAMM) – Puducherry Chapter. Both workshops were credited by the Tamil Nadu Medical Council (TNMC) with six credit hours.
5. Organised Workshop on "Techniques in Diagnostic Virology" from 8th to 11 th January 2025 for faculty and residents.
6. Organised Workshop on" Molecular and serological diagnosis of scrub typhus", from 20 th -22 nd February 2025
7. Organised Workshop on "Biosafety and Biosecurity practices in Microbiology" from , l9 th – to 22 nd March 2025.

State Chapter event

- Organized the "First Annual Conference of Indian Association of Medical Microbiologists IAMM - Puducherry Chapter" entitled "Exploring Frontiers in Clinical Microbiology: Innovations, Challenges and Best Practices" from 20th to 21st April, 2024 held at JIPMER International School of Public Health (JISPH) and funded by IAMM – Puducherry Chapter
- Organized two EQAS workshop – both in two batches on 5th, 6th, 12th and 13th August, 2024; and second on 6th, 7th, 10th and 11th March 2025 for 84 laboratory technicians of HIV held at Department of Microbiology, JIPMER and funded by Pondicherry AIDS Control Society
- Organized a HIV refresher training program in three batches for 84 laboratory technicians of HIV - on 26th, 27th and 28th November, 2024 held at Department of Microbiology, JIPMER and funded by Pondicherry AIDS Control Society.
- Organized whole blood screening training program for a total of 37 participants including Labour room Nurses & Staff Nurses; and Auxiliary Nurse Midwifes (ANMs) on 29th November, 2024 and 8th March, 2025 held at Department of Microbiology, JIPMER and funded by Pondicherry AIDS Control Society
- Organized a CME entitled "Emerging Human Viral Diseases" on 7th December, 2024 under the aegis of Indian Association of Medical Microbiologists IAMM - Puducherry Chapter held at Department of Microbiology, JIPMER, Puducherry and funded by IAMM – Puducherry Chapter.
- Organized a Community Based screening training program for 28 TI NGOs participants on 5th March, 2025 held at Department of Microbiology, JIPMER and funded by Pondicherry AIDS Control Society.

Local workshop / CME

- Organized training program in HIV for four post graduate residents of Microbiology Department of Indira Gandhi Medical College & Research Institute, Puducherry from 2nd to 9th September, 2024 and for 31 MSc Students from College of Nursing on 25th November, 2024 by Department of Microbiology, JIPMER
- Organized sensitization Programme on HIV/AIDS and HIV/AIDS (Prevention and Control) Act, 2017 for a total of 236 participants including the Faculty, Medical Officers, Residents, Nursing staffs, Technical staffs and other Health officials/Staffs in three batches on 4th and 5th October, 2024 held at JIPMER International School of Public Health (JISPH) and funded by Pondicherry AIDS Control Society.
- Organized Tropical Parasitology Prize examination for interns on 26th October, 2024 held at Department of Microbiology, JIPMER.

Faculty conference participation

Please include only the following:

Delivered oration/ lecture in a CME/ symposium/ workshop

- Dr Sujatha Sistla moderated a session on "LRTI specimen processing and reporting" at the AMSP workshop in JIPMER on 24.7.2024. She attended a SAC meeting at NIRT , Chennai on 16th and 17th April 2024 and 1st August 2024 and NIRBI, Kolkata on 26th September 2024. Dr. Sujatha attended a genomics surveillance network meeting on 6th September 2024 at ICMR. She attended an online SAC meeting in NIRT Chennai on 25.2.25. She presided over a PhD viva of a candidate from PSM on 5th March 2025
- Dr. Rakesh Singh has organized 4th and 5th (two) Advanced National workshop on Medical Mycology from 2nd to 4th May, 2024 and 26th to 28th December, 2024 respectively and delivered talks on "Antifungal Stewardship", "Identification of Hyaline Molds & *Pythium insidiosum*", "Identification of Dermatophytes & Mucorales", Identification of Phaeoid Molds and "Serological & Molecular Diagnosis of Fungal infections" held at Department of Microbiology.

He has also organized a National Mycology workshop entitled "Basics of Fungal Identification and Susceptibility Testing" and delivered three lectures "Know more about Mucorales:, "Identify common Dermatophytic isolates in laboratory" "Dematiaceous fungus – Contamination or a Pathogen" on 21st November, 2024, in a National Microbiology conference MICROCON 2024 - "47th Annual Conference of Indian Association of Medical Microbiologists (IAMM)". Dr. Rakesh Singh moderated a session and delivered an invited guest talk on "Review of IATP-EQAS Program" on 14th September 2024 in 18th National Conference of Indian Academy of Tropical Parasitology (IATP) - TROPACON 2024 on "Cutting edge technology in parasitic diagnostics" from 13th to 15th September 2024 organized by Department of Microbiology, and held at AIIMS, Guwahati, Assam. He also organised and chaired a session entitled "Health Care Innovation in India – The Success Stories" on 20th October, 2024 in the fifth National Conference of Health & Intellectual Property Rights Academy- India (HIPRACON) entitled "Building the Future of Health Care with Innovation & Creativity" held at conference Hall, Super-specialty Block, JIPMER, Puducherry. Dr. Rakesh Singh was also invited for online guest lecture entitled "WHO Guidelines for HIV testing" on 3rd October, 2024; and organized training program for national and international participants of Global health and humanitarian Medicine course from 9th to 11th January 2025 held at Department of Microbiology, JIPMER and took sessions on "Brief overview: Diagnostic Parasitology", "Intestinal coccidian parasites, Microsporidia & Toxoplasma", "Intestinal helminths: Cestodes, Trematodes, Nematodes", Blood parasites -II-Leishmania & Trypanosoma" and "Medical Entomology". Dr. Rakesh Singh delivered an online invited guest lecture entitled "Cleaning, Sterilization and Disinfection Methods -I & II (CSSD, and Quality Control in CSSD)" on 29th September 2024 for the first "IAMM Online Course on Infection, Prevention & Control 2024 Cohort" organized by Indian Association of Medical Microbiologists (IAMM). He was invited as a chief guest and delivered a invited guest talk entitled "Malarial Disease" on World Malarial Day – 2024" on 25th April, 2024 organized by Sri Manakula Vinayagar Engineering College (SMVEC), Puducherry. In addition, he also delivered an invited guest talk on "An update on Cryptosporidiosis" on 21st August, 2024 in a 3rd Regional Conference "Tamil Nadu – TROPACON- 2024" organized by Department of Microbiology, Sri Lalithambigai Medical College and Hospital, Maduravoyal, Chennai, Tamil Nadu under the aegis of Tamil Nadu chapter of Indian Academy of Tropical Parasitology (IATP). He gave an invited guest talk on "Algorithms in Identification of Fungi" on 25th August, 2024 in a "PSG MICROCON 2024" organized by Department of Microbiology, PSG Institute of Medical Sciences & Research, Coimbatore, Tamil Nadu under the aegis of Tamil Nadu chapter of Indian Association of Medical Microbiologists (IAMM). Dr. Rakesh Singh delivered an invited guest talk on "Intestinal Cryptosporidiosis - Past, present and future" on 1st September 2024 in a Bihar – Tropacon – 2024 Conference - "Clinical Parasitology" organized by IGIMS Patna. He also delivered an invited guest talk on "Update on Intestinal Coccidian Parasitic Infections" on 29th September, 2024 in a 3rd Annual Conference of Indian Association of Medical Microbiologists (IAMM) Rajasthan Chapter - "3rd RAJMICROCON 2024" entitled "Infectious Diseases Beyond Laboratories" organized by Department of Microbiology, S.P. Medical college, Bikaner, Rajasthan under the aegis of Rajasthan chapter of Indian Association of Medical Microbiologists (IAMM). He also gave an invited guest talk and moderated workshop on "PCR Extraction Hand on Training Aspergillus RT PCR" on 30th January, 2025 in International Mycology Conference 2025 "Microbiologist vs Mycopathogens" organized by SRM Medical College, Kattankulathur, Tamil Nadu. Dr. Rakesh Singh participated and delivered an invited guest talk on "QA/QC in Parasitic diagnostics" on 15th February 2025 in the Second Maharashtra Chapter Conference of Indian Academy of Tropical Parasitology (MCIATP) "MAHATROPACON - 2025" organised by Seth G S Medical College and K.E.M Hospital, Mumbai. He also participated and delivered an invited guest talk on "Emergence of Rare Fungal Diseases" on 23rd February, 2025 in the 15th National Conference of Indian Society of Medical Mycologists (ISMM) organised by Sri Ramachandra Medical College and Research Institute, Porur, Chennai. Dr. Rakesh Singh delivered an online invited guest talk on "Technical requirements in STI labs" on 7th March 2025 in a capacity building training for STI/RTI Laboratories organized by Apex Regional STD Centre & SRL-HIV Safdarjung Hospital, New Delhi. Dr. Rakesh Singh delivered a talk on "Antifungal Stewardship" on 28th July 2024 in the 2nd Advanced workshop on Antimicrobial Stewardship organized by Department of Microbiology, JIPMER, Puducherry. He also delivered a lecture entitled "Basics of Flow Cytometry" in Virology workshop on 8th January, 2025 held at Department of Microbiology, JIPMER, Puducherry. Dr. Rakesh Singh organized two EQAS workshop – both in two batches; first one on 5th, 6th, 12th and 13th August 2024; and second on 6th, 7th, 10th and 11th March 2025 held at Department

of Microbiology, JIPMER and delivered lectures on "Introduction and Objectives & Laboratory diagnosis of HIV" and "Common Errors and Troubleshooting". He also organized a HIV refresher training program in three batches on 26th, 27th and 28th November, 2024 held at Department of Microbiology, JIPMER and delivered a lecture on "ICTC under National AIDS Control Program NACP". In addition, he has also organized whole blood screening training program for Labour room Nurses & Staff Nurses; and Auxiliary Nurse Midwifes (ANMs) on 29th November, 2024 and 8th March, 2025 held at Department of Microbiology, JIPMER and delivered a lecture on "Basics of HIV/AIDS and Syphilis". He also organized a Community Based screening training program for TI NGOs participants and delivered lectures on "Introduction and Objectives of HIV testing" on 5th March, 2025 held at Department of Microbiology, JIPMER. Dr. Rakesh Singh also organized sensitization Programme on HIV/AIDS and HIV/AIDS (Prevention and Control) Act, 2017 for the Faculty, Medical Officers, Residents, Nursing staffs, Technical staffs and other Health officials/Staffs in three batches on 4th and 5th October, 2024 held at JIPMER International School of Public Health (JISPH) and delivered a lecture on "Basics of HIV/AIDS Syphilis". He was a resource person in providing HIV training for the post graduate residents of Microbiology Department of Indira Gandhi Medical College & Research Institute, Puducherry from 2nd to 9th September, 2024 and for MSc Students from College of Nursing on 25th November, 2024 held at Department of Microbiology, JIPMER.

- Dr Rahul Dhodapkar organised the Biosafety training programme as a part of IBSC activity for PG students and was held on 20-7.2024 and 27.7.2024 at RVRDL, Dept of Microbiology JIPMER. He also gave a talk during the CME conducted on Monkey pox awareness on 4' September 2024 at Sri Venkateshwara Medical college and Hospital. He was a resource person in 13th National conference, AOCIN India conducted by the Department of Obstetrics and Gynaecology, JIPMER Puducherry on 4th October 2024 and delivered lecture on Molecular diagnosis of HPV and demonstration of GeneXpert system. He gave a lecture on Emerging viral diseases, during the CME on Monkey Pox awareness conducted by the Department of Microbiology under the aegis of Indian Association of Medical Microbiologists (IAMM) Puducherry chapter on 7th December 2024. He also organized the ``Hands-on workshop on techniques in Diagnostic Virology`` from 8th - 11th January 2025 for faculty and residents and ``Molecular and serological diagnosis of Scrub typhus`` from 20th to 22nd February 2025. Workshop on Biosecurity and Biosafety practices in Microbiology was conducted from 19th to 22nd March 2025.
- Dr Rakhi Biswas
- Dr Noyal M Joseph delivered a guest lecture on "Role of Xpert-MTB/RIF Ultra and Xpert-MTB/XDR in TB Diagnostic cascade", during the TB Workshop 2024: Emerging Trends and Best Practices, held at Nizam's Institute of Medical Sciences, Hyderabad, on 18th and 19th September 2024. He also delivered a guest lecture on "Antimicrobial Stewardship", at AVMC, Puducherry, during the Antimicrobial Resistance (AMR) Awareness Week, held at Nizam's Institute of Medical Sciences, Hyderabad, on 22nd November 2024. Dr. Noyal M Joseph, delivered lectures on, "TB Diagnosis", "Optimizing NTEP Operations at JIPMER" and "Operations research submission protocol" during the CME on "Updates on NTEP", held at JIPMER, on 9th and 10th December 2024.
- Dr Apurba S Sastry organised the 2nd Advanced National Workshop on Antimicrobial Stewardship was organised at JIPMER from 24.07.2024 to 28.07.2024. He was the Course coordinator for the event. Participants across various states of India as well as neighbouring countries like Bangladesh participated in the event. He was invited as a Judge in the Oral presentation at the Asclepius 2024, International Undergraduate Medical Conference through online at JSS Medical College, Mysuru on 23.10.2024. He was a resource person and delivered a talk on " Updates on CLSI M100 2025' targeting Microbiologists across India through virtual mode organized by the VAMR study Nodal Centre, JIPMER, on 15.02.2025. He was a resource person at the Workshop on the roll-out of city-based lab-supported surveillance for typhoid fever" at Atithi Hotel, Puducherry on 28.03.2025. Delivered a session on 'Blood Culture Collection' at the Workshop on the roll-out of city-based lab-supported surveillance for typhoid fever" at Atithi Hotel, Puducherry on 28.03.2025. He delivered a session on 'Integrated Stewardship (Overview) ' at 2nd Advanced National Workshop on Antimicrobial Stewardship-2024', conducted by JIPMER, from 24th to 28h July, 2024. He also delivered the lectures on 'Diagnostic stewardship Processing of Blood Culture' , `Automated Blood Culture` , `Basics of AST (Disk Diffusion)` , ' General terminologies of CLSI, `Different types, uses and validation of antibiogram, 'Steps of implementation: Role of stakeholders such as ID physicians, Pharmacist, Nurses, IT Antimicrobial advices-based interventions at 2nd Advanced National Workshop on Antimicrobial Stewardship-2024', conducted by JIPMER, from 24th to 28h July, 2024. Was a Resource person for the Peer Assessment of hospitals/institutes

under Kaya Kalp Award Scheme for the year 2023-24, at AIIMS Nagpur, on 04.01.2024

- Dr Maanasa Bhaskar gave a lecture on "Importance of correct sampling and how to collect the samples" at the 5th Global Health and Humanitarian Medicine (GHHM) training on 9.01.25. She was an Invited faculty for the CME Program on "Molecular Diagnosis" conducted by Sri Venkateswara Medical college, Puducherry on 30th January 2025 and delivered talk on ``Carbapenem Resistant Enterobacterales". She served as resource faculty for `Workshop on Techniques in Virology`` conducted by VRDL, JIPMER Puducherry from 8-11th January 2025 – delivered lecture and practical demonstration of flow cytometer and its applications. She was awarded 2nd prize for best oral presentation at PSG MICROCON held at PSG Coimbatore 2022nd best poster presentation at PSG MICROCON held at PSG Coimbatore 2024.
- Dr. Radha S was part of the organizing team of National Mycology workshop entitled "Basics of Fungal Identification and Susceptibility Testing" and delivered lecture and practical demonstration on Identification of yeasts held during the National Microbiology conference MICROCON 2024 - "47th Annual Conference of Indian Association of Medical Microbiologists (IAMM)" at Pune, Maharashtra from 21st to 24th November 2024. Delivered a lecture on' lab diagnosis of mycetoma ' on 4th advanced national workshop on medical mycology ' on 2. 5.2025. She was the Organising secretary of 5th national conference of health and intellectual property rights annual conference (HIPRACON) conducted on 19.10.2024 and 20.10.2024. she delivered a lecture on 'Amoebiasis' in the Indian Academy of Tropical Parasitology (IATP) Experts meet panel discussion for post graduate residents on 04.04.2025 Moderated by Dr Rakesh Singh Co-President IATP Puducherry.

  She was one of the team member of the Kaya Kalp peer assessment at A&N Island GB Pant hospital Port Blair 18.12.2024 to 20.12.2024

Participation in health camps/ public health awareness/ education programme

Organized and participated in a Public awareness rally on Antimicrobial Resistance in connection with World Antimicrobial Resistance Awareness Week at the Promenade, Pondicherry on 17th November 2024 by Indian Association of Medical Microbiologists (IAMM) - Puducherry Chapter. Hon'ble Lieutenant Governor, Shri. K. Kailashnathan Ji, was the chief guest and flagged off the rally and the Guest of honour, Dr. Rakesh Aggarwal, Director, JIPMER, stressed on rational use of antibiotics.

The TB lab in the Department of Microbiology contributed to the testing of CBNAAT samples collected from the community under the National TB Elimination Programme as a part of the 100-day intensified TB campaign (07.12.2024 to 17.03.2025). About 700 community-based samples were tested each month over a period of 3 months.

Major events in the Department

New services started

- Department of Microbiology has started 24X7 laboratory services for patient care since May 2024. The microscopy and culture is done as soon as sample received in the microbiology laboratory. The resident posted in the 24X7 laboratory immediately inform the clinicians if they observe any critical alert observation. It decreases the turn-around time of reporting especially for emergency samples and improves patient care.
- Department of Microbiology started HIV viral load investigations for the management of HIV positive patients. Department has also started using Mini Vidas which works on the principle of enzyme linked fluorescent assay (ELFA) for HIV testing for needle stick injury among health care workers and HIV discordant couples.
- Department of Microbiology started rapid card tests for syphilis using specific treponemal antigen and started using reverse algorithm testing for syphilis. It decreases the turnaround time for syphilis.
- Department of Microbiology has also started isolating *Neisseria gonorrhoeae* and started participating in Enhanced Gonococcal Antimicrobial Surveillance Programme (eGASP)
- Department of Microbiology has expanded participation in EQAS program and started syphilis EQAS in STI laboratories in Puducherry region for the first time through The Regional STI Training, Research and Reference Laboratory (RSTRRL), Institute of Venereology, Madras Medical College, Chennai organized by NACO in December 2024. In addition, HIV laboratory scored 100 percentage EQAS marks in HIV viral load testing from Indian Association of Medical Microbiologists (IAMM) Virology EQAS organized by IAMM in September 2024, here again for the first time.
- The Department of Microbiology introduced CBNAAT as the primary diagnostic test for screening of all presumptive TB patients (both pulmonary and extrapulmonary) from 05.08.2024. Earlier, AFB smear performed in the DMC in the Department of Pulmonary Medicine was the primary diagnostic tool for most of the presumptive TB patients, and

CBNAAT was offered only for selected patients with extrapulmonary TB, paediatric TB or PLHA.

- The Department of Microbiology started performing Direct VITEK from positively flagged blood culture bottles.
- Department of Microbiology released the Antibiogram of Bloodstream infections 2025

Awards and Honours

- VRDL, JIPMER was awarded Best Virus Research and Diagnostic Laboratory at the DHR-ICMR Health Research Excellence Summit 2024 held on 14th November 2024 at New Delhi.
- Dr.Apurba S Sastry was awarded the BEST COLLABORATIVE RESEARCH AWARD for the paper titled "Clinical Profile and Risk factors associated with *Elizabethkingia anophelis* infection in neonates born in a tertiary care hospital – a case control study and outbreak investigation" in the Tenth JIPMER Research Day held on 8th March 2025. The research was done in the Departments of Neonatology and Microbiology
- Dr. Maanasa Bhaskar was awarded 2nd prize for best oral and poster presentation at PSG MICROCON held at PSG Coimbatore 2024.

Administrative Assignments

- Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies

Dr Sujatha Sistla

- Is the nodal officer (laboratory) for vaccine preventable diseases, Diphtheria and Pertussis, under WHO VPD surveillance programs.
- Officer in charge of Regional influenza lab, under IDSP
- External expert for selection of assistant professors of Microbiology in PIMS, Pondicherry -26.11.2024
- Member of expert group nominated by ICMR/NCDC for "consultation on creating standard definitions for MDR and XDR pathogens"- Attended an online meeting on 9.12.2024
- Nominated by DG ICMR as a SAC member of NICED, Kolkata from September 2023
- Nominated by DG ICMR as a SAC member of NIRT , Chennai from 2023-2026
- Member PG Board of studies in SRMC, Chennai
- External expert for selection of Professor/Additional professor of Microbiology at AIIMS, Guwahati-20.6.23
- External examiner for a PhD viva for a candidate from BHU, Varanasi on 28.6.23
- Dr. Rakesh Singh is the
- President of Indian Association of Medical Microbiologists (IAMM) – Puducherry Chapter, Co-President of Indian Academy of Tropical Parasitology (IATP) – Puducherry Chapter and EC Member of National IAMM.
- He is also the Director of Indian Academy of Tropical Parasitology (IATP) EQAS program and organized Nationwide EQAS activity in Parasitology for 87 centres.
- Member of National Expert committee for Enhanced Gonococcal Antimicrobial Surveillance Programme (eGASP), member of National Technical Expert committee to finalize list and specification of equipment for STI laboratories and expert member to review the Quality Management System (QMS) guidelines by National AIDS Control Organisation (NACO) under Ministry of Health & Family Welfare, Government of India.
- External Subject Expert in Microbiology of Board of Studies for MD Microbiology Curriculum for AIIMS, Bhopal and External Subject Expert in Microbiology of Under Graduate Board of Studies for AIIMS, Guwahati.
- External Member of Institutional Human Ethics Committee of Aarupadai Veedu Medical College, Puducherry.
- Quality manager for State Reference Laboratory for HIV and maintained NABL accreditation of HIV test of the laboratory.
- External subject expert for recruitment of Faculty posts in Microbiology on 25th June, 2024 for Indira Gandhi Medical College and Research Institute, Puducherry and for recruitment of Faculty posts in Microbiology on 2nd September, 2024 for AIIMS, Nagpur.
- He also participated and completed National HIV Sentinel Surveillance in Puducherry from January to March 2025 organised by NACO.
- Dr. Rakesh Singh was a member of selection committee of the award and judged the IAMM silver Jubilee Prize for Best Paper in Parasitology on 22nd November, 2024 in a National Microbiology conference MICROCON 2024 - "47th Annual Conference of Indian Association of Medical Microbiologists (IAMM)" from 20th to 24th November, 2024 organized by Indian Association of Medical Microbiologists (IAMM).
- Subject expert for the recruitment of Senior Residents (Non-Academic) in Microbiology by online interview on 4th September, 2024 for AIIMS, Bhubaneswar.
- Member of various academic bodies which includes - Indian Association of Medical Microbiology (IAMM), Indian Society of Medical Mycologists

(ISMM), Indian Association for the Study of Sexually Transmitted Diseases & AIDS (IASSTD & AIDS), Indian Academy of Tropical Parasitology (IATP) and Health & Intellectual Property Rights Academy (HIPRA)

Dr Rahul Dhodapkar is a

- DBT nominee for the Institutional biosafety committee of Pondicherry University & ABLEST SASTRA University.
- Is the Biosafety officer for the institutional biosafety committee of Rajiv Gandhi Institute of Veterinary Education and Research, Pondicherry.
- Scientific Advisory Committee – RMRC, Port Blair & VCRC, Puducherry
- Member of committee set up for Biological and Clinical Evaluation of Medical Devices and Immunobiological Diagnostic Kits, Bureau of Indian Standards, Government of India
- Member, Local Research Advisory Committee – MRHRU, VCRC – IGMC, Puducherry
- Expert, Joint ICMR – DBT Committee for formulation of National guidelines for the establishment and certification of Biosafety Level-3 (BSL-3) containment facility.
- Expert, Committee to formulate diagnostic algorithms for One Health & Pathogen Surveillance
- Expert, Committee to develop guidelines for validation of scrub typhus ELISA & Rapid Diagnostic tests

Dr Noyal M. Joseph

- Was invited to serve as a member of the "Project screening committee meeting for reviewing small grant projects (IIRP-SG- PSC meeting)", held on 4th October 2024, at ICMR headquarters, New Delhi.
- He was appointed as the DBT representative of the Institute Biosafety Committee of the Government Hospital for Chest Diseases, Puducherry, on 4th October 2024.
- He has been serving as Chairman of the Operational Research Committee of Pondicherry State Task Force under the National Tuberculosis Elimination Programme (NTEP) and as an expert for "Technical Evaluation Committee for Machinery and Equipment under Negotiated Loan" of the Puducherry Government Health & Family Services since 2023.

Dr. Apurba S Sastry is member in the following committees

- Founder member of Society of Antimicrobial Stewardship Practices (SASPI).
- Member of the curriculum development committee formulated by National Medical Commission, for the development of Antimicrobial Resistance Module for MBBS during 2023.

Dr Maanasa Bhaskar is the co-ordinator of the department EQAS programme for bacteriology and serology conducted by CMC Vellore under the aegis of Indian Association of Medical Microbiologists for the quarters, July and December.

Dr Radha S is an executive committee member of Indian Indian Association of Medical Microbiologists (IAMM)- Puducherry chapter

Member in constituted Institute Committees

- Dr Sujatha Sistla is the institute biosafety officer. She is also the chairperson of ICCW and pneumatic shute committee. She is also member of the committee to look into transfer policy for laboratory technical staff. She is a member of CSSD consumable purchase committee and chairperson for setting up of BSLIII facilities for tuberculosis. She serves as the member secretary of departmental PGRMC committee. She is also the PGRMC observer for the departments of Paediatrics and Neonatology from Aug 2023 to July 2025. She is a member of specification vetting committee for purchase of equipment for a DBT sponsored multicentric study on tuberculosis. She was a member of inquiry committee to look into allegations of harassment in the department of Pharmacology- May 24. Chairperson of MRM for NABL accreditation in department of Microbiology and Vice Chairperson of PAC/RRC committee.
- Dr Rakesh Singh served as Head of Microbiology Department and has additional charge of Inspection officer for purpose of condemnation/Breakage of items for CCU, CTVS, Urology, Plastic surgery, Neurosurgery, Neurology, paediatric Surgery, Surgical Gastroenterology, and Diabetics unit, JIPMER. He also served as a subject expert for an interview, for the selection of Senior Residents in Microbiology at JIPMER Puducherry on 4th November, 2024. He was a subject Expert for conducting skill tests for Medical Laboratory Technologist on 14th September 2024 held at JIPMER.
- Dr Rahul Dhodapkar is the member secretary of IBSC committee. He is also member of the intramural research fund committee and MoU committee. He serves as the Chairman of the committee constituted for revision of imprest account usage guidelines and also for the committee constituted to oversee ETP establishment in JIPMER.
- Dr. Noyal M Joseph was appointed as the Associate Editor of the International Journal of Advanced Medical and Health Research (IJAMHR), the official online journal of JIPMER, in 2024. He also was

appointed as the Safety Officer of State Reference Laboratory for HIV, member of the JIPMER NTEP core committee, member of Surgical items, Sutures and Hospital Disinfectants Monitoring Committee and member of Committee for purchase of Sanitary items and Contingency stores. He was nominated as a member of the team for Peer Assessment of Hospital/ Institutions under Kaya Kalp Award Scheme 2024-25 and assessed AIIMS, Nagpur. He is continuing to serve as a member of the PhD Research Monitoring Committee, member of Hospital Information System (HIS) committee, alternate member of Institute Ethics Committee for Observational Studies, member secretary of Plagiarism verification committee, and coordinator of Fire Safety related activities of the department.

- Dr Apurba S Sastry is the Officer in charge of Hospital Infection Control committee and is also members of JIPMER Quality council, JIPMER, Biomedical waste management committee, JIPMER. He is a life member of JIPMER Scientific Society (JSS) and JIPMER Faculty association (JFA). Member of the Nosocomial Infection group of JIPMER Quality Council-2015 – till date . He is member of Kaya Kalp Committee, JIPMER-2015 – till date and member of JIPMER faculty association- 2015 April – till date. He also holds the position of Officer in-charge of Hospital Infection Control and Prevention Unit, JIPMER since 2015.

Department of Neonatology

Faculty List

Professor

- Dr. B. Adhisivam

Additional Professor and Head

- Dr. Nishad Plakkal

Assistant Professors

- Dr. Murugesan A
- Dr. Usha Devi R
- Dr. Chaitra Angadi

Departmental Highlights of the Year 2024-25

The Department of Neonatology in coordination with the Department of Obstetrics and Gynecology has streamlined the referral patterns and effectively decreased overcrowding of mother-child dyads admitted in JWCH. NICU has been the champion for hand hygiene among the ICUs in JIPMER. Ongoing Quality improvement activities and research on key areas have been the department highlights.

Educational Courses

- DM Neonatology – Currently 3 DM fellows are admitted each year.
- Undergraduate – Regular theory and clinical classes for MBBS students are taken by the faculty and senior residents. Interns are formally trained in Neonatal Resuscitation every year.
- Post-Graduation – MD Pediatrics students are posted in the NICU. Post-graduates from Obstetrics and Gynaecology, Blood Bank, Emergency Medicine and candidates pursuing DM Pediatric Emergency and critical care and Pediatric Dermatology Fellowship also have peripheral posting in the NICU.
- PhD – Dr. Usha Devi R, Assistant Professor is currently doing a part time PhD on human milk oligosaccharides and gut microbiome under ICMR-DHR Young Medical Faculty Ph.D. program

Departmental Activities for the Year

Organised conference/ CME/ workshop

Neonatal Nursing workshop 2025 (March 15-16, 2025)

The Department of Neonatology, JIPMER in coordination with Department of Nursing conducted the third edition of Neonatal Nursing workshop on March 15 & 16, 2025. Around 65 nurses from various hospitals in Pondicherry, Cuddalore, Villupuram, Chennai and Kerala participated in this workshop. Apart from key lectures, they received hands on training in essential newborn care, handling common NICU equipment and common neonatal procedures. An updated manual on neonatal nursing was also provided to each participant. There was a special session on communication skills also for which a role play was done by the JIPMER NICU team. Eminent neonatologists from Chennai including Dr Kumutha Jayaraman and Sindhu Sivanandan were part of the training faculty. The workshop was supervised by Dr. Nishad Plakkal, Additional Professor and HOD, Neonatology and the arrangements were done by Dr. Chaitra Angadi, Assistant Professor and her team.

World breastfeeding week 2024 (Aug 1-7, 2024)

The breastfeeding week celebration in JIPMER was kick started by an awareness rally in which Nursing students, Nurses and Faculty from Department of Neonatology, Department of Pediatrics, Department of Obstetrics and Gynecology and the college of Nursing participated in large numbers. The rally started from entrance of JIPMER women and children's hospital, moved along the hospital roads and ended in the College of Nursing. Public, hospital personnel including breastfeeding mothers witnessed the event and were sensitized to the importance of breastfeeding. A role play stressing the importance of breastfeeding was also done by Nurses in the Pediatrics OPD. Posters, poems and artwork centred on breastfeeding were displayed

National Neonatology Forum Postgraduate quiz in Neonatology (Sep 8, 2024)

Ten teams from Tamil Nadu and Puducherry participated in the divisional round of the NNF PG quiz, which was won by team from JIPMER. Dr Chaitra Angadi was the quiz master, Dr Murugesan was the divisional co-ordinator. Dr Adhisivam and Dr Shabir (CMC Vellore) were the experts for the quiz.

IAP NRP-FGM Advanced NRP Provider Course (October 20,2024)

The Department of Neonatology, JIPMER, in collaboration with the Indian Academy of Pediatrics (IAP), conducted an Advanced NRP Provider Course that included hands-on training and simulation-based learning. Forty delegates from across Tamil Nadu participated in the course and received certification upon completion. Dr. Usha Devi R was the course coordinator.

NNF- SONIC (Sonography for optimizing neonatal intensive care)

Dr Murugesan and Dr Usha Devi are mentors for National Neonatology Forum's (NNF) Point of care ultrasonography and echocardiography courses, which involves online mentoring for 6 months (Feb – June 2025) and onsite mentoring for one week (in JIPMER) for trainees from all over India.

Faculty conference participation –

Dr Adhisivam B

1. Attended Neocore 2025 at SRMC, Chennai (March 28-29, 2025) and participated as a Chairperson for a session on innovative thinking
2. Attended LAMBCON 2024 - Breast feeding and Milk banking conference (September 28- 29, 2024) at Hyderabad as faculty
3. Attended the Central Endpoint Adjudication Meeting related to Prospons study at ICMR Hqrs., New Delhi on July 4th and 5th, 2024

Dr. Nishad Plakkal

1. Attended the Pediatric Academic Societies (PAS) 2024 Meeting, May 2-6, in Toronto, Canada, and presented a poster on "Neurodevelopmental Outcome of Preterm Neonates of 26-32 Weeks Gestation with Postnatal Growth Faltering at One Year Corrected Age: a Prospective Cohort Study".
2. Participated as faculty member for the Final Year MD/MS/DM/MCh/MDS orientation on June 21, 2024 and discussed writing "Methodology and results".
3. Faculty member at the Eastcoast Pedicon Ventilation Workshop on June 22, 2024.
4. Judge for innovative research proposals for Inventio, Connaissance 2024, conducted in JIPMER on June 29, 2024
5. Faculty member for the Neonatal Ventilation Workshop at St. John's Medical College Hospital, Bengaluru, from July 11-13, 2024.
6. Participated as faculty member in the 2nd Advanced National Workshop on Antimicrobial Stewardship at JIPMER, July 24-28, 2024.
7. Faculty member for the 6th Research Methodology Workshop conducted by the National Neonatology Forum of India in Thane, Mumbai, on August 3-4, 2024.
8. Participated as faculty member in the Manuscript Writing Workshop organized by the Department of Obstetrics and Gynecology on August 16, 2024.
9. Facilitated a session on Scientific Writing & Publication on Aug 30, 2024 as part of the JIPMER Advanced Course in Research Methodology (JACRM) for faculty members.
10. Participated online as a panelist on the topic of "Advanced strategies in infection prevention: innovations, challenges and best practices", in an neonatal infection prevention course organized by St. John's Medical College Hospital, Bengaluru, on Sept 5, 2024.
11. Conducted a "Graphics for Publication" workshop for faculty members in JIPMER on Sept 18, 2024.
12. Participated as judge for Original Thesis Research presentations (DM/DrNB) by Postgraduates in Pediatrics as part of the Indian Journal of Pediatrics IJP Annual function on October 6, 2024 at AIIMS, New Delhi.
13. Participated as faculty member in the Basic Workshop on Randomized Controlled Trials for faculty members and residents conducted by the Division of Research, JIPMER on Oct 28, 2024.
14. Participated as faculty member for the MD/MS/DM/MCh/MDS orientation on Jan 10, 2025, and discussed writing "Methodology and results".
15. Attended the "Qualitative Research Methods Workshop" as a delegate on Feb 8, 2025, in JIPMER.
16. Participated as faculty member for the "Data analysis using R" workshop on Feb 14-15, 2025 as part of Research Day 2025.
17. Co-organizer and faculty member at Neocore 2025 at Sri Ramachandra Medical College and Research Institute, Chennai (March 28-29, 2025). Conducted a workshop on "Next-gen Learning", and participated as a panelist on a session on Neonatal Palliative Care.

Dr. Murugesan A

1. Participated as faculty for Point-of-care echocardiography (POCE) workshop, in SGPGI, Lucknow (April 27-28, 2024)
2. Delivered a talk on 'Diagnosing neonatal sepsis: past, present and future' for a neonatal CME on 'Recent concepts in Neonatology' in SVMC, Puducherry (May 15, 2024)
3. RBSK training for Health workers (newborn screening and anomalies), in JIPMER, Puducherry (May 25, 2024)
4. NRP training for nurses of WCH block, JIPMER (16-17 May, 2024)
5. Faculty for training of MD residents in Puducherry, as part of NNF-SHINE programme, SVMC, Puducherry (June 2, 2024)
6. Moderated session on 'Neonatal sepsis', as part of NNF-SHINE programme, online (June 14, 2024)

7. Conducted NRP Workshop for UGs, JIPMER as part of Connaissance (June 28,2024)
8. Delivered online talk on 'USG machine knobology' for NNF SONIC (sonographic for optimizing neonatal intensive care) course (July 5, 2024)
9. Faculty for training of MD residents in Puducherry, as part of NNF-SHINE programme, Kavery hospital, Trichy (July 14, 2024)
10. Delivered online talk on 'Know your USG machine', for NeoCare workshop (August 18, 2024)
11. Faculty for NeoCare workshop in KIMS Cuddles, Hyderabad (23-25, August 2024)
12. Delivered online talk on 'Applied anatomy of brain' for NNF SONIC (sonographic for optimizing neonatal intensive care) course (Sept 4, 2024)
13. Delivered online talk on 'Profiles and signatures of normal lung' for NNF SONIC (sonographic for optimizing neonatal intensive care) course (Nov 3, 2024)
14. Participated as Poster judge for national newborn week, IGMC, Puducherry (Nov 19, 2024)
15. Delivered a talk on 'Neonatal jaundice – an Indian perspective', talk in SLIMS, Puducherry (Nov 22, 2024)
16. 4,5-12-24 Faculty for advanced echo for critical care, NNF national Neocon 2024 (Dec 4-5, 2024)
17. National trainer for regional (south zone) ToT for FBNC (facility based newborn care) organized by MoHFW (17-20 Dec, 2024)
18. Faculty for training of MD residents in Puducherry, as part of NNF-SHINE programme, MGMC, Puducherry (Dec 29, 2024)
19. Trainer cum observer for FBNC Training organized by MoHFW, Karaikkal (21-24 Jan, 2025)
20. Delivered online talk on 'USG machine knobology' for NNF SONIC (sonographic for optimizing neonatal intensive care) course (Feb 8, 2025)
21. Delivered online talk on 'Applied anatomy of brain' for NNF SONIC (sonographic for optimizing neonatal intensive care) course (Feb 12, 2025)
22. Neonatal and paediatric oxygen delivery devices for Anaesthesia residents, JIPMER, as part of 'Masterclass in oxygen therapy' (February 16, 2025)
23. Faculty for Neonatal Nursing workshop 2025, JIPMER, (CPAP & HFNC, simulation: acute deterioration on ventilator) (March 15-16, 2025)
24. Participated as faculty in Neocore 2025, SRMC (March 29, 2025)

Dr. Usha Devi R

1. Social media Ambassador for the conference and presented an oral paper on 'Comparison Of Efficacy, Safety of three antiseptics (10% Povidone-iodine, 70% Alcohol, 2% Chlorhexidine In 70% alcohol) for neonatal skin disinfection prior to venipuncture- A Prospective cohort study' in the Pediatric Academic Societies meeting 2024 at Toronto, Canada (May2-6, 2024)
2. Delivered a talk on 'Recent research in a decade that changed my neonatal practice' for a neonatal CME on 'Recent concepts in Neonatology' in SVMC, Puducherry (May 15, 2024)
3. Poster Judge in the neonatal CME on 'Recent concepts in Neonatology' in SVMC, Puducherry (May 15, 2024)
4. Faculty for training of MD residents in Puducherry, as part of NNF-SHINE programme, SVMC, Puducherry (June 2, 2024)
5. Online presentation on perinatal stroke: Clinical Presentation and outcome as a part of International Newborn Brain Society Educational webinar series (June 13, 2024)
6. Delivered a talk on 'Neonatal sepsis: Diagnosis and Management' in EASTCOAST Pedicon at JIPMER, Puducherry (June 23, 2024)
7. Conducted NRP Workshop for UGs, JIPMER as part of Connaissance (June 28,2024)
8. Lead faculty for Advanced NRP Provider course in Govt. Vellore medical college (June 30, 2024)
9. Delivered an online talk on 'Sepsis outbreak in NICU' in Neonatal Sepsis Symposium by Gujarat Adani Institute of Medical Sciences and Pediatric Trust (July 7, 2024).
10. Participated as a delegate in Basic Biostatistics workshop at JISPH, JIPMER (July 27-28 and August 3-4, 2024)
11. Participated in the workshop "The Fundamentals of using REDCap for Research " (August 7, 2024)
12. Faculty for 6th Annual International CME of Paediatric Pathology Organized by Department of Pathology, Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry and presented in CPC on 'A neonate with acute liver failure' (August 18, 2024)
13. Delivered a talk on "Genetic tests in NICU: What to choose from the big basket" in 15th Annual Conference of IAP Neonatology Chapter: IAP NEOCON 2024 held at Bhubaneswar (September 1, 2024).
14. Faculty for the 18th Paediatric & Neonatal Ventilation Workshop 2024 at SRIHER, Chennai (September 6, 2024)
15. Faculty for International Conference on Healthcare Quality and Patient Safety in LHMC, Delhi,

delivered a talk on 'Experience on patient safety measures in ICU' and judge for paper presentations of Quality improvement projects (September 7-8, 2024).

16. Delivered online talk on 'Periventricular Leukomalacia' for NNF SONIC (sonographic for optimizing neonatal intensive care) course (September 9, 2024)
17. Lead faculty for Advanced NRP Provider course in Indira Gandhi medical college (September 27, 2024)
18. Delivered an online talk on 'Fluid management in neonates', as part of NNF-SHINE programme, online (October 4, 2024)
19. Coordinator and Faculty for Advanced NRP course at JIPMER, Puducherry (October 20, 2024).
20. Faculty for IAP POCUS Workshop held by IAP Dharmapuri branch (November 23, 2024).
21. Faculty for the "Graphics for Publication" pre-conference workshop of 43d Annual Convention of National Neonatology Forum - NEOCON 2024(December 5, 2024).
22. Faculty for the conference and delivered a talk on "Antenatal Steroids: When not to advise and why?' in National Neocon at Mamallapuram (December 7, 2024)
23. Faculty for training of MD residents in Puducherry, as part of NNF-SHINE programme, SVMC, Puducherry (December 29, 2024)
24. Participated as a delegate in '6th JIPMER Research Leadership Mentoring Programme (JRLMP - 6) by Dept of Biostatistics, JIPMER [October 21-25, 2024 (Phase-I) and January 20-24, 2025 (Phase-II)]
25. Participated as a delegate in R workshop at JIPMER (Feb 14-15, 2025).
26. Delivered online talk on 'Periventricular Leukomalacia' for NNF SONIC (sonographic for optimizing neonatal intensive care) course (March 1, 2025)
27. Participated as a delegate in Hands-on workshop on Clinical Whole Exome/Targeted Sequencing at ILS Bhubaneswar (March 5-7, 2025)
28. Participated in the debate on 'Medical research should be primarily funded by government, not industry' as a part of 10th Annual Research Day at JIPMER (March 8, 2025).
29. Faculty for Neonatal Nursing workshop 2025, JIPMER, (Oxygen delivery, Feeding of low birth weight infants) (March 15-16, 2025)
30. Participated as faculty and paper and poster judge in Neocore 2025, SRMC (March 29, 2025

Dr. Chaitra Angadi

1. Participated as faculty in RBSK training of Lakshadweep medical team on Screening of Newborn Birth Defects, in JIPMER. (May 15, 2024)
2. Participated as faculty for NRP training of nurses, JIPMER. (May 16, 2024)
3. Faculty for training of MD residents in Puducherry, as part of NNF-SHINE programme, SVMC, Puducherry (June 2, 2024)
4. Participated as a trainee in NNF-SONIC course, conducted by NNF, India (June- December 2024)
5. Participated as faculty for NRP training for UG students in CONNAISSANCE 2024 (June 28, 2024)
6. Faculty for training of MD residents in Puducherry, as part of NNF-SHINE programme, SVMC, Puducherry (July 14, 2024)
7. Faculty for Postgraduate Clinics in Pediatrics, conducted by IAP, TNSC (August 16, 2024)
8. Participated as Quiz Master in Postgraduate Quiz in Neonatology, Divisional round, conducted by NNF, India, in JIPMER (September 8, 2024)
9. Participated as a delegate in the "Basic Workshop on Randomized Controlled Trials", conducted by the Division of Research, JIPMER. (Oct 28, 2024)
10. Faculty for the "Graphics for Publication" pre-conference workshop of 43d Annual Convention of National Neonatology Forum - NEOCON 2024(December 5, 2024).
11. Attended Advanced NRP Trainers of Trainees workshop (ToT), conducted by IAP in Hyderabad (Jan 8, 2025)
12. Participated as Observer faculty in Advanced NRP Workshop, held in SRMC, Chennai (Jan 18, 2025)
13. Participated as a delegate in Systematic review methodology workshop by Cochrane India, conducted by CMC Vellore (Jan 27-31, 2025)
14. Participated as a delegate in " An Introduction to Qualitative Research" Workshop, conducted as a part of 10th Research day 2025, at JIPMER. (February 8, 2025)
15. Participated as a delegate in " Workshop on Health Technology Assessment: A primer", conducted as a part of 10th Research day 2025, at JIPMER. (March 1, 2025)
16. Participated as Organizing Secretary and Faculty in 3rd Neonatal Nursing workshop held in JIPMER, (March 15-16 2025)
17. Participated as Faculty in Advanced NRP Workshop, held in Thanjavur Medical College (March 22, 2025)

Major events in the Department

Visiting Professor

A guest lecture was delivered by Dr Indira Narayanan, adjunct professor, Georgetown University, USA on February 21, 2025

Awards and Honours

1. Dr. Adhisivam B, Professor was honoured with JIPMER Faculty Research Award in Clinical Sciences during JIPMER research day, 2025
2. Dr. Murugesan A, Assistant Professor was honoured with Best Collaborative Research Award during JIPMER research day, 2025 along with faculty in Microbiology Department.
3. Dr. Chaudhari Kiranben Govabhai, DM Neonatology fellow was awarded the first prize (Prof Rekha Udani Best Free Paper Award) for the paper titled "Association between risk factors for Early onset Sepsis and Culture Proven Sepsis and Culture Proven Early Onset Sepsis in preterm neonates less than 34 weeks- A Retrospective Cohort Study" at the 15th National Conference of Neonatology Chapter of Indian Academy of Pediatrics- 'IAP NEOCON 2024' held at Bhubaneswar (31st August-1st September 2024).
4. Dr. Praveen SM and Dr. Abhay, Pediatric postgraduates were awarded 1st Prize in Postgraduate Quiz in Neonatology, National Round, at National Neocon 2024, Conducted by NNF, India. (December 2, 2024)
5. Dr. Chaudhari Kiranben Govabhai, DM Neonatology fellow was awarded Outstanding research paper - oral for the paper titled "Periodic Telephonic Boost(PTB) to enhance kangaroo mother care in the community- A randomized controlled trial" in Neocore 2025 at SRMC, Chennai (March 28-29, 2025)
6. Dr. Sathyamoorthy VP, DM Neonatology fellow was awarded Outstanding research paper - oral for the paper titled "Impact of KMC on oxygen saturation histogram profiles in preterm infants" in Neocore 2025 at SRMC, Chennai (March 28-29, 2025)
7. Dr. Akshaya A, Pediatrics postgraduate was awarded best poster award for the paper titled "Effect of on-table breastfeeding in enhancing exclusive breastfeeding among postnatal mothers who underwent Lower Segment Cesarean Section -a prospective cohort study" in Neocore 2025 at SRMC, Chennai (March 28-29, 2025)

Administrative Assignments

Dr. Adhisivam B

Section Editor for Neonatology in Indian Journal of Pediatrics

Dr. Nishad Plakkal

Associate editor, Trials

Review editor, Frontiers in Pediatrics

Associate Dean Research, JIPMER

Head, Neonatology, JIPMER

Dr Murugesan

Divisional co-ordinator, NNF Postgraduate quiz

Dr. Usha Devi. R

Editorial Board member- BMC Pediatrics.

Social Media Editor, International Society of Evidence based Neonatology (EBNEO)

Scientific committee member- 10th Annual Research day JIPMER

Member, Souvenir Committee- National Neocon 2024

Member, NNF SONIC Committee 2024,2025

Member-National Neonatology Forum¬ Fellowship Committee 2025

Jt-Coordinator- NNF Quick Review of Neonatal Practice Committee 2025

Department of Nephrology

Faculty List

Professor & Head

- Dr Sreejith Parameswaran

Professor

- Dr P. S. Priyamvada

Assistant Professor

- Dr S. Sabarinath
- Dr M Karthikeyan
- Dr Swathy Raju (on contract)

Senior Medical Officer

- Dr R Devan

Departmental Highlights of the Year 2024-25

The department of Nephrology was focused on streamlining the clinical services and strengthening research activities in the past year. Dr S Sabarinath joined as regular faculty in April 2024. The functioning of the department was reorganised to have two function units managing different clinical services, with each faculty member given responsibility for supervising specific clinical services. After a gap of few years, the department organised the annual 'JIPMER Nephrology Update' in August 2024 with the theme 'Pregnancy and the Kidney'. To strengthen research activities in the department, three extramural research grant applications were submitted to ICMR and one proposal to the Indian Society of Nephrology.

Educational Courses

- Undergraduate – BSc AHS Dialysis Therapy Technology (BSc AHS DTT) - Five students per year
- Ph.D./ Paramedical courses/ others – DM Nephrology – Three candidates for two consecutive years and two candidates in the third year (total of eight candidates at any given point in time).

Departmental Activities for the Year

Organised conference/ CME/ workshop

i. National Conference / workshop – JIPMER Nephrology Update 2024 – Pregnancy and the Kidney: A two-day CME program focussed on the theme 'Pregnancy and Kidney Disease' was organised on 24th and 25th of August. It had eminent national and international faculty as speakers and we received excellent feedback on the scientific program. A little over 200 delegates attended.

ii. Local workshop / CME

World Kidney Day 2025 - A seminar was organised with the these 'Cardiac - Kidney – Metabolic (CKM) Health' on 13th March 2025 on the occasion of World Kidney Day 2025. The seminar was inteded as an awareness program for JIPMER faculty and staff and was attended by many JIPMER employees.

Faculty conference participation

Dr Sreejith Parameswaran delivered the following lectures at CME/Symposium/Workshop: Lupus Nephritis – Biopsy Features and Clinical Interpretation, IRIS Connect, Thiruvananthapuram, May 2024; Treatment of Resistant Lupus Nephritis – Nephrology Association of Tamil Nadu & Puducherry (NATPU) 10th Annual Conference, Trichy, 2024 July; Analyzing Observational Studies - Research Methodology Workshop, Young Nephrology Group of Mumbai Nephrology group & Mumbai Kidney Foundation, Mumbai, 2024 August; Kidneys in Connective Tissue Diseases – Rheumatology Summit 2024, 7th and 8th September 2024, Dr Moopan's Medical College, Wayanad, Kerala, organized by the Kerala chapter of Indian Rheumatology Association; Chronic Kidney Disease – A Growing Public Health Challenge – ECHO India online training course on NCDs on 24th October 2024, organized by Pondicherry Institute of Medical Sciences, Puducherry; Glucose Based PD Solutions are Essential in PD – Debate at the annual conference of Peritoneal Dialysis Society of India (PDSICON 2024) at Guwahati, 5th & 6th October 2024; 'Transplant Panchayat' case-based discussion on EBV related Smooth Muscle Tumor in Solid Organ Transplantation, at the ApEx pathsala, 5th December, 2024; Update on Pancreas-Kidney Transplant – 8th Annual Renal Symposium on Kidney Disease Beyond – Exploring Multi-System Interactions on 10th January 2025; Xenotransplantation – Webinar organised by Andhra Pradesh Society of Nephrology, on 28th February 2025; The Enduring Relevance of World Kidney Day – Webinar organised by NephroPlus on 25th March 2025. Dr P. S. Priyamvada delivered the following lectures at CME/Symposium/Workshop: GFR Measurement in cancer patients - Onconephrology update by MMM, Chennai. 6th APril 2024; Should Hemodiafiltration on be the new norm for CKD stage 5D- Debate WINICON 2024, 3rd August 2024, Thiruvananthapuram; Faculty for GLOMCON fellowship by ISN (session on Infection-Related Glomerular Disease), 19th December 2024; Peritoneal Dialysis in Palliative care - PDSICON-2024 Guwahati, 5 to 6 October 2024. Dr S. Sabarinath

delivered a Lecture in the CME – 'Renal Update 2024', Organised by Department of Nephrology, Kasturba Medical College, Manipal on 14.12.2024. Dr M Karthikeyan delivered a lecture on 'Physiological changes in the Kidney during pregnancy at the JIPMER Nephrology Update 2024, 24th August 2024.

Participation in health camps/ public health awareness/ education programme

Dr Sreejith participated in a live phone in program at Doordarshan, Puducherry, on 21st May 2024 on the topic of 'chronic kidney disease' and at the All India Radio, Puducherry on the topic 'Organ Donation' on 3rd August 2024.

Major events in Department

Awards and Honours

Dr S Sabarinath was conferred 'Fellow of the International Society of Nephrology (FISN)', by the International Society of Nephrology, at WCN 2025, New Delhi

Administrative Assignments

Dr Sreejith Parameswaran

- Nodal Officer, National Organ and Tissue Transplant Organization (NOTTO), JIPMER
- Member Secretary, JIPMER Deceased Donor Transplantation Committee
- Member Drug Purchase and Utilization Committee,
- Member, State Organ and Tissue Transplant Organisation (SOTTO) – Puducherry
- Member, Renal Subject Expert Committee (SEC), CDSCO, DCGI, Ministry of Health & Family Welfare, Government of India,
- Member, Board of Studies for super-speciality courses, JIPMER
- Member, JIPMER NTEP core committee
- Member, South Asia Regional Board, International Society of Nephrology

Dr Priyamvada PS – Officer in charge, Horticulture

Department of Neurology

Faculty List

Professor (Senior scale), Head

- Dr. Sunil K Narayan

Professor

- Dr. Vaibhav Wadwekar

Professor

- Dr. Pradeep Pankajakshan Nair

Additional Professor

- Dr. Rajeswari Aghoram

Associate Professor

- Dr. Ramkumar Sugumaran

Assistant Professor

- Dr. Saranya B Gomathy

Departmental Highlights of the Year 2024-25

The department provided care to more than 53,000 outpatients and over 800 inpatients during the year, marking a notable increase in advanced neurological interventions including IV thrombolysis, mechanical thrombectomy, and epilepsy surgeries—further strengthening its role as a leading center for comprehensive neurological care.

Hosting two national conferences, pioneering neurophysiology workshops, and contributing to national stroke guidelines. Prestigious honours — including the IAN Neurorehabilitation Award, GCI-BIRAC Women in STEM Leadership, and AAN-AINA Best Indian Trainee Award — reflected our growing national and global influence. Supported by over ₹6 rores in research funding and more than 30 indexed publications.

Educational Courses (Courses and Number of Students Intake Per Year)

- Undergraduate: BSc Neurotechnology : 5/year
- Post graduate: MSc Neurotechnology: 2/year; DM Neurology: 3,2,2 yearly
- PDF: Stroke and Epilepsy: One each
- PhD Neurology: 1 student currently doing PhD under Dr. Sunil K Narayan

Departmental Activities for the Year

Organised conference/ CME/ workshop

i. International Conference / workshop: Dr. Rajeswari Aghoram organised a Cognition and EEG workshop under SPARC sponsorship in IIT Chennai on 6th April 2024

ii. National Conference / workshop: Dr. Sunil K Narayan organised the IFNRCON 2024, the national conference of the Indian Federation of Neurorehabilitation and Neurorehabilitation subsection of Indian Academy of Neurology, as its Organising chairman at JIPMER, Pondicherry from 12th to 14th April 2024 along with the Department of Physical Medicine and Rehabilitation and the Pondicherry Association of Neuroscientists. Dr. Sunil Narayan also organised the INSTRUCT-ICMR meeting on national stroke trials network as its co-chair at JIPMER, Pondicherry funded by the Indian Medical Association which was attended by over 120 delegates including clinical trial coordinators (100) and Principal investigators (20) of and about 10 faculty.

iii. Local workshop / CME: Dr. Sunil Narayan organised a CME on Pre-hospital stroke care and stroke centres organisation at JIPMER, Pondicherry under the aegis of Pondicherry chapter of the Indian Medical Association which was attended by about 55 members of the IMA on 9th February 2025.

The department conducted a Neurology (Neuroinvestigation) workshop for MBBS students as part of the Connaissance 2024 from April 4-6, 2025.

Faculty conference participation

Dr. Sunil K Narayan

i. Dr. Sunil Narayan presented a paper at the 6th International Elsevier Brain Stimulation Conference in Kobe, Japan from 23–26 February 2025 on the effects of NIBS in Stroke

ii. Dr. Sunil Narayan was an Invited faculty for the 10th stroke summer school of Indian Stroke Association (10th ISA Stroke Summer School 2024), from August 23rd-25th 2024 at Hyderabad and gave a talk on “Stroke Genetics”

iii. Dr. Sunil Narayan was an invited faculty for the 17th Indian National Stroke Congress held from 20th to 23rd March 2025 at Hotel Holiday Inn, Lucknow on “Newer versus older antiplatelets in secondary stroke prevention”

iv. Dr. Sunil Narayan was an Invited faculty at Asian Stroke Summer School at Trivandrum funded by the ESO, WSO and Stroke Research Centre at BERN, Geneva on 14th July 2024 and gave a talk on Small vessel disease - Treatment aspects at a Session on secondary prevention of stroke

v. Dr. Sunil Narayan was an invited faculty at IFNRCON 2025 held in Ludhiana from 27th to 29th March 2025 and was the chairperson to conduct a Workshop on Neuromodulation in Neurological Conditions and an invited faculty to talk on "Neuromodulation: Principles & Practice".

vi. Dr. Sunil Narayan was invited faculty for a session on "Return to Life After Brain Injury: A Global Perspective" and delivered a talk on Effects of exosomes isolated from Human Umbilical Cord Mesenchymal stem cells (hUC-MSCs) on in-vitro and in-vivo stroke models at NIPER, Ahmedabad held from 17 - 19 February, 2025

Dr. Rajeswari Aghoram

i. Delivered oration/ lecture in a CME/ symposium/ workshop :Neurophysiology of EEG and signal characteristics in EEG and Cognition workshop 2024

ii. Autoimmune markers of inflammatory myopathy and their clinical relevance in IANCON 2024;

iii. Talk on Telerehabilitation in epilepsy IFNRCON 2024

iv. Member of team that organised and conducted AHA certified Advanced stroke life support workshop-2024

Dr. Pradeep P Nair

i. Delivered oration/ lecture in a CME/ symposium/ workshop: Member of organising team of workshop on Autonomic function study at Mumbai on 14.02.2025 and delivered a talk on a " cardiac autonomic function studies"

ii. Delivered talk JIPMER on 09.08.2024 in CME on Obstetric medicine organised by OG "Seizure in pregnancy -Role of Neuroimaging"

iii. Talk in IANCON 2024 Visag "Wearable devices in Epilepsy"

iv. Workshop on EEG at Hyderabad "EEG conclave" Feb 2025

v. Delivered 2 talks – a)Normal EEG and activation procedures b)Benign variants

vi. Delivered a Talk at Hyderabad during CME organized by AIG hospital on 11.17.2024 on when to start ASM

vii. Member of organizing team of workshop on Electrophysiology at Nepal on 14.12.2025 and delivered 2 talks -a) Late responses and blink reflex b) Clinical approach to myopathy

Dr. Ramkumar S

i. Faculty and organizing committee member in the IFNRCON 2024, delivered a talk on "Assessment of upper limb spasticity", faculty in "Botulinum toxin workshop", chairperson in "Stroke symposium", "Stroke rehabilitation" held in JIPMER from 12.04.2024 to 14.04.2024.

ii. Completed e diploma course in 'Advanced management of neurological diseases' from Harvard medical school on 20.06.2024.

iii. Part of the organising committee for JIPMER connaissance held on 28.06.2024

iv. Attended the "Graphics for publication" workshop on 18.09.2024 at JIPMER; Attended the "Gaps & controversies in deep brain stimulation" hands-on workshop on 19.09.2024 at Chennai

v. Attended the "Advanced epidemiology workshop on survival analysis" on 27.09.2024 and 28.09.2024 at JIPMER

vi. Presented an interesting case "WOBBLE AND JERK: A DANCE OF NEUROLOGICAL INTRIGUE" on 29.09.2024 in the clinical neurology forum webinar

vii. Attended the Indian academy of neurology conference 2024 at vishakapatnam from 16.10.2024 to 20.10.2024

viii. Attended as a panelist for a patient awareness programme on epilepsy organized by the Indian Academy of Neurology on 17.11.2024

ix. Attended the qualitative research workshop as a part of the 10th JIPMER research day workshop on 8.02.2025

Dr. Saranya B Gomathy

i. Faculty presentation of an interesting neuromuscular case in the Clinical Neurology forum webinar on 29-09-2024.

ii. Faculty and organizing committee member in the IFNRCON 2024, organiser of the Electrophysiology workshop as part of IFNRCON 2024 and Chairperson for a symposium on Neurorehabilitation.

iii. Organising member of the Connaissance workshop on Neurophysiology, 2024 in JIPMER

iv. Faculty in Neuroradiology workshop as part of Neurocritical Care Society of India Conference (30th Aug-1st Sep 2024) held at Mahabalipuram, and delivered a talk on neuroimaging in metabolic encephalopathy and CVT as part of the workshop.

v. Attended as a delegate, the Neuromuscular update for Practising Neurologists at Hotel Westin, Powai Lake, Mumbai, from February 14 - 16, 2025.

vi. Attended the Muscle-Nerve Ultrasound Workshop on 23/06/2025, conducted by the Nerve-Muscle Society to get hands on experience in neuromuscular ultrasound

vii. Participated in the Mid-Term NEUROSONOCON 2024, Hyderabad on 27th and 28th July 2024 to learn neuromuscular ultrasound.

viii. Attended the 14th Basic and Advanced Epidemiology Workshop in JIPMER from 23rd-26th September 2024

ix. Attended the Grant writing for Extramural funding workshop on February 23, 2025 online

x. Attended the ISNACC Neuroanaesthesia and Critical Care conference between January 23-26, 2025 at Kovalam, Thiruvananthapuram

Dr. Vaibhav Wadwekar

i. Attended as Faculty-Interesting case discussion during Sept 2024(Online) in the Clinical Neurology Forum

ii. Attended as Faculty and Convened the symposium: "Surgical aspects of Myasthenia Gravis in IANCON 2024 Visakhapatnam

iii. Attended as Faculty and delivered a talk on Brain Death Certification and counselling in "Regional CME & Workshop on Death Certification, Auditing and Medico legal aspects", on 26-11-2024 at Sri Venkateshwara Medical college in Pondicherry

iv. Attended as Panellist in MG talk in 23rd Neuro Update Chennai on 10-12th Jan 2025

Senior residents

Dr. Jayaram S presented his research paper titled "Haemorrhagic CVT-risk factors, outcome and prevalence of APLA antibodies and IgG antibodies to spike protein of SARS-CoV2" at the AAN Annual Meeting on April 15, 2024 at Colorado, USA. He also received the AAN-AINA Best Indian Trainee Award for this paper.

Dr. Raghavendar B delivered an online presentation on Muscular dystrophy in the Neuromuscular webinar, conducted by the NM subsection of the IAN. He also was part of the organising team and a speaker at the IFNRCON Neurorehabilitation conference (April 2024) at JIPMER.

Participation in health camps/ public health awareness/ education programme:

Dr. Rajeswari Aghoram organised and facilitated a patient contact programme for epilepsy in February 2024. She also participated in AIR live show to enhance awareness of epilepsy. As part of research day celebration, Dr. Rajeswari participated and won the debate on mandatory need for PG thesis at MD/MS level and interviewed CAR-T cell innovator Dr. Rahul Purwar.

Dr. Ramkumar actively contributed to public and academic engagement through a series of impactful initiatives. He participated as a panellist in a patient awareness programme on epilepsy organized by the Indian Academy of Neurology on 17th November 2024. He delivered a lecture on "Acute Stroke Management" for MBBS students on 28th March 2025 and organized an expert talk by Prof. Dr. Srinivas Chakravarthy from IIT-M on Parkinson's Disease on 24th March 2025. In observance of International Epilepsy Day 2025, he delivered a live radio talk on epilepsy on All India Radio on 21st February and a live video talk on Door darshan on 25th February, furthering public awareness and education on the condition.

Major events in Department

Awards and Honours

Dr. Sunil Narayan and team won the Neurorehabilitation initiative of the year award of the Indian Academy of Neurology and participated in three multicentric stroke trials and contributed to the National stroke guidelines update of the Director General of Health Services.

Dr. Sunil Narayan delivered the IAN Neurorehabilitation award of the year talk on Effects of Vedic chants intervention in Autistic spectral disorders at the IANCON2025 held in Visakhapatnam. Dr. Sunil Narayan gave the Chairman's address at the IAN stroke subsection annual conference at AIIMS, Bhuvaneswar on "Pre hospital imaging : Mobile Stroke Unit, way to go" on 31.8.2024.

Dr. Rajeswari Aghoram was selected for the GCI-BIRAC-Gates foundation women in STEM leadership for mid-career woman cohort 2024-25.

Dr. Saranya B Gomathy was awarded the MRCP (UK) degree in December 2024.

Senior residents and Neurotechnology students

Dr. Jayaram Saibaba, 2nd year DM resident won the Indian Trainee award of Association of Indian Neurologists of American award of American Academy of Neurology for the paper "Hemorrhagic Cerebral Venous Thrombosis (CVT) - Risk Factors, Outcome, and Prevalence of Novel Biomarkers (Antiphospholipid Antibodies & IgG Antibodies to Spike Protein of SARSCoV2" at Denver, Colorado (April 2024). Dr. Jayaram also won the first place in the National Neuroimmunology and Autoimmune Quiz IMMUNOBLAST 2024 held in Chandigarh as part of the ICTRIMS conference from November 14-16, 2024.

Dr. Pushkar Pazhani 3rd year DM resident won the first place for an EEG quiz conducted by NESSAN EEG on July 21, 2024.

BSc Neurotechnology student Ms. Sakthi Priyadarshini got selected for the GJ STRAUS award 2025 for her research titled "Association between olfactory dysfunction and autonomic dysfunction in Parkinson's disease using the Indian Smell Identification Test and the olfactory dysfunction impact on daily life."

Administrative Assignments

Dr. Sunil K Narayan

- Expert committee member New drugs advisory committee for Neuropsychiatry, DCGI, India
- Served as a Faculty selection committee member for the IITM, Chennai
- Member, ICMR Grants advisory committee
- Expert member of the Stem cell Research committee of the DHR, New Delhi
- Expert writing committee member of the updated stroke guidelines of the DGHS, Ministry of Health.
- Ministry of Health; DST SERB project evaluation Expert committee member
- Chairman, Stroke Subsection, Indian Academy of Neurology
- Head of Department of neurology at JIPMER
- JIPMER Animal Research Committee member
- MoU advisory committee, JIPMER

Dr. Pradeep P Nair

- Member of JSAC committee, HIS committee, Brain death certification committee, Interdepartmental PGRMC committee, Observer for PGRMC meetings of ENT & Ophthalmology departments
- Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies- Office bearer PANS

Dr. Vaibhav Wadwekar

- Member PAC/RRC committee and maintenance committee (Hospital)
- Member brain death certification committee JIPMER
- Member – interdepartmental PGRMC committee
- Member of Condemnation Committee

Dr. Rajeswari Aghoram

- Member of board of studies for BSc Educational neuroscience, Pondicherry University
- Member of Institute Ethics Committee, JIPMER
- Member of the NTEP core committee
- Member of SEC, DCGI, India
- Member DCGI, member Cochrane groups (hepatology, epilepsy and airway group)
- Member DCGI, Subject Experts committee

Dr. Ramkumar Sugumaran

- Member Indian Society for Sleep Research
- Member of Ataxia Global Initiative
- Member of International Parkinson and Movement disorder society
- Member of International Headache Society
- Member of Indian Academy of Neurology
- Member of Indian Epilepsy Association
- Member of Indian Medical Association
- Member of Pondicherry Association of Neuroscientists (PANS)
- Member of Tamilnadu & Pondicherry Association of Neurologists (TAN)
- Member of JIPMER scientific society
- Departmental member of JIPMER Quality Council
- Departmental fire and safety officer, JIPMER
- Member – interdepartmental PGRMC committee
- Member of JIPMER Brain Death Committee
- Member condemnation committee for College of Nursing, RCC All Ward & OPD
- Departmental GeM purchasing officer.
- Departmental nodal officer for JIPMER web content
- Departmental nodal officer for CMCHIS
- JIPMER PAC/RRC committee member

Dr. Saranya B Gomathy

- Member of the JIPMER Brain Death certification committee
- Member-interdepartmental PGRMC committee
- In charge of the department Consumables committee

Department of Neurosurgery

Faculty List

Professor: Dr. M.S.Gopalakrishnan
Professor: Dr. A.S. Ramesh
Additional Professor & Head: Dr. A. Sathia Prabhu
Associate Professor: Dr. M. Manoranjitha Kumari
Associate Professor: Dr. R.Gopikrishnan
Assistant Professor: Dr. Waseem Ahamed T P
SMO: Dr. Sahul Hameed Natchial

List of Staff
Junior Physiotherapit: Dr. J. Mohanakrishnan
Stenographer Gr II: T. Soudarsan
Storekeeper: G. Ramesh

Departmental Highlights of the Year April 2024-March 2025

The Department of Neurosurgery holds outpatient clinics every Monday (Dr. A.S. Ramesh, Dr. Sathia Prabhu, and Dr. Gopikrishnan) and Thursday (Dr. M.S. Gopalakrishnan, Dr. M. Manoranjitha Kumari, and Dr. Waseem Ahamed T.P.). Dr.A.S.Ramesh conducts "Neuro spine clinic," and "Pediatric spine clinic," on Mondays in the same OPD area.

We perform peripheral nerve surgery, pediatric neurosurgery, epilepsy surgery, and neuro-oncology procedures. We are proficient in endoscopic pituitary surgery and intraventricular procedures.

The department frequently collaborates with the Interventional Radiology team in managing neurovascular conditions such as aneurysms, arteriovenous malformations (AVMs), and arteriovenous fistulas (AVFs), with the ENT department for complex skull base surgeries, with the Paediatrics department for craniofacial abnormalities, and with Radiation and Medical Oncology specialists in the management of neuro-oncology cases.

Educational Courses

- **Undergraduate courses:** We conduct didactic lectures and modular teaching sessions annually for VI semester MBBS students.
- **Postgraduate courses:** We train MS General Surgery and MD Emergency Medicine students in managing traumatic brain and spine injuries. MS General Surgery students also get to see and assist with elective neurosurgical procedures so that they can decide on taking up the field for their future specialization.
- **Super-specialty courses:** We started the three-year MCh Neurosurgery residency in 2010, and the current intake is two candidates per year. We started an integrated MCh neurosurgery course (direct post-MBBS six years) in 2023, and the current intake is one per year.
- **Other courses:** The department conducts didactic teaching sessions for BSc & MSc nursing students through lectures and modular teaching. We also train Emergency Medicine Technology and Operation Theatre Technology students.

Departmental Activities for the Year 2024-25

An animal laboratory was established by the department in Animal Husbandry and was inaugurated by the then Director, Dr. Gautam Roy. In January, a Microneurosurgical Anastomosis Workshop was held in this facility, organised by Dr. Sathia Prabhu and his team. Dr. Jayanand from Sree Chitra Tirunal Institute was the guest speaker and conducted hands-on training for Puducherry and Tamil Nadu residents. Our Department also co-organised lateral skull base surgery organised by ENT, and Dr Sampath Chandra Prasad Rao from Manipal Hospital, Bangalore, was the guest speaker.

Faculty conference participation

1. Dr. R. Gopikrishnan presented a scientific paper on " Direction of approach in Acom aneurysm surgery" at Chitra Neurosurgery Update 2024 on September 1st at Trivandrum
2. Dr. R. Gopikrishnan presented an award paper on "A2 forks in anterior communicating artery aneurysms" at the 2nd International Neurosurgery conference & Workshop at Government Kilpauk Medical College 15th February 2025 and won First place.
3. Dr.Waseem Ahamed made a video presentation on Negotiating a tight interhemispheric space in kissing DACA Aneurysm at Vascular Neurosurgery conference, SGPGI Foundation Day, 19-21 April 2024, Lucknow
4. Dr. Manoranjitha Kumari chaired a session on "Cervical Compressive Myelopathy - anterior Approach "on National Spine Conference - NSSA 2024 Held at Hyderabad on 20th September 2024.
5. Dr.A.Sathia Prabhu chaired sessions during 2nd International Neurosurgery conference & Workshop at Government Kilpauk Medical College 15th February 2025 and Chitra Neurosurgery Update 2024 on September 1st at Trivandrum

6. M.S. Gopalakrishnan presented the following papers/ posters (a,b, and c) and guided MBBS students (d, e, and f) to present their research topics on traumatic brain injury at the International Neurotrauma conference at Cambridge, UK in Sept 2024.
   a. The fate of bifrontal contusions in a good coma scores patients and a novel bleed-to-brain ratio. (Lt Col Sushila Chauhan, Gopalakrishnan Sasidharan, Deepak Barathi
   b. Can cerebral Oximetry by Near Infrared spectroscopy (NIRS) Detect Deterioration in Head Injury ?– A Prospective Observational Study (Hemchander Pandey & Gopalakrishnan Sasidharan)
   c. Does poor adherence to National Institute for Health and Care Excellence (NICE) criteria for emergency CT scans in TBI patients lead to excessive radiation exposure? A cohort study (Zahid Sayeed Iqbal and M.S. Gopalakrishnan)
   d. Can the CRASH prognostic model's prediction of the risk of 14-day mortality in traumatic brain injury be used to evaluate the performance of a trauma centre? A prospective cohort study. Sarthak Sinha and M.S. Gopalakrishnan
   e. A propensity-matched comparison of the in-hospital mortality of traumatic brain injury patients who have undergone decompressive craniectomy versus craniotomy (Arjun Pant, Sarthak Sinha, M. S. Gopalakrishnan)
   f. The In-hospital Outcome Of Patients Undergoing Decompressive Craniectomy For Traumatic Brain Injury: A Retrospective Cohort Study And An Analysis Of The Inter-rater Concordance Of The Indications. (Sarthak and M.S. Gopalakrishnan)

Administrative Assignments

Members of the Institute constituted Committees

1. Dr.M.S.Gopalakrishnan is a member of the Equipment Purchase Committee
2. Dr.A.S.Ramesh is a member of the Board of Medical Experts for Declaration of Brain Death in JIPMER, Department coordinator for TNCMCHIS, Member of the JIPMER Deceased Donor Transplantation Committee(JDDTC), Member of the expert committee for Trauma Rehabilitation in JIPMER, Sedarpet Campus, and Departmental consignee for GEM procurement.
3. Dr.A.Sathia Prabhu is a member Board of Medical Experts for Declaration of Brain Death in JIPMER
4. Dr.A.Sathia Prabhu is a field expert member of the National Medical Commission (NMC) - Ethics & Medical Registration Board (EMRB)
5. Dr. Manoranjitha Kumari is a NABH coordinator, an Academic departmental coordinator, nodal officer for JQC
6. Dr.Gopikrishnan is the Departmental Buyer for GEM procurement.
7. Dr Waseem Ahamed TP is a member of the Brain Death Declaration team and departmental nodal officer for biomedical waste management.

Department of Nuclear Medicine

Faculty List

Professors

- Dr. Nandini Pandit
- Dr. Dhanapathi Halanaik

Additional professor and Head

- Dr. Madhusudhanan Ponnusamy

Assistant Professor

- Dr. Harish Goyal

Departmental Highlights of the Year 2024-25

The Nuclear Medicine Department provides comprehensive diagnostic and therapeutic services. Diagnostic procedures include PET/CT (for oncologic and non-oncologic conditions), stress myocardial perfusion imaging, bone scintigraphy, thyroid uptake scans, and renography. Therapeutic services deliver targeted radionuclide treatments for hyperthyroidism and thyroid cancer, available in both outpatient and inpatient settings. The department has continued to expand its capabilities, recently introducing advanced interventions such as PET/CT-guided biopsies and transarterial radioembolization (TARE) for liver malignancies.

Educational Courses

As of March 31, 2025, the Department is hosting 9 M.D. residents and 12 B.Sc. students in Nuclear Medicine Technology. This academic year, three M.D. degrees have been awarded. A structured clinical internship is offered to five recent B.Sc. graduates. Additionally, interdisciplinary training is provided to postgraduate clinicians in Radiodiagnosis, Radiation Oncology, and Surgical Gastroenterology, as well as to MBBS interns and Neurotechnology students from allied health sciences.

Departmental Academic Activities for the Year

Faculty Conference Participation

Dr. Nandini Pandit

- Delivered a lecture titled "Ventilation Perfusion Imaging" at the Tamil Nadu and Puducherry State Conference on Pulmonary Diseases (TAPPCON 2024), organized by the Department of Pulmonary Medicine at JIPMER, Puducherry, on September 20, 2024.
- Chaired a scientific session at the 9th Annual Conference of the Nuclear Medicine Physicists Association of India (NMPAICON 2025), held at AIIMS, New Delhi, on February 16, 2025.

Dr. Dhanapathi Halanaik

- Chaired a scientific session and delivered an invited lecture at the 22nd Annual Conference of the Association of Nuclear Medicine Physicians of India (ANMPICON 2024), organized by PGIMER, Chandigarh, on September 27 & 28, 2024.
- Delivered an invited lecture on *"Cardiac Amyloidosis"* at the 15th Biennial Conference of the Nuclear Cardiological Society of India (NCSICON 2025), organized by Sarvodaya Hospital, Faridabad on March 8, 2025.

Dr. Madhusudhanan Ponnusamy

- Delivered an invited lecture at the 56th Annual Conference of the Society of Nuclear Medicine India (SNMICON 2024) in Coimbatore on December 6th, 2024.

Dr. Harish Goyal

- Delivered a lecture titled "Not Just Metastases – PET-CT of the Lung" at the Tamil Nadu and Puducherry State Conference on Pulmonary Diseases (TAPPCON 2024), which was organized by the Department of Pulmonary Medicine at JIPMER, Puducherry, on September 20, 2024.
- Presented a lecture on "PET in Histiocytic Disorders" at the 22nd ANMPICON 2024, organized by PGIMER, Chandigarh, on September 27, 2024.
- Delivered a talk on "Interesting SPECT & PET Images" at the 15th Biennial Conference of the Nuclear Cardiological Society of India (NCSICON 2025), held at Sarvodaya Hospital in Faridabad on March 9, 2025.

Major Events in the Department

New services started

The department now offers Ga-68 FAPi PET/CT to address diagnostic challenges in non-FDG-avid malignancies and benign disorders like vasculitis. Therapeutic advancements include radioligand therapies: PRRT for neuroendocrine tumors and PSMA-targeted agents for metastatic prostate cancer. Interventional capabilities have been enhanced with TARE for liver-directed therapy, radiosynovectomy for joint diseases, and PET/CT-guided biopsies for targeted tissue sampling.

Administrative Assignments

Dr. Madhusudhanan Ponnusamy serves as one of the Associate Deans for Academics and holds important administrative roles, including serving as the Member-Secretary of both the Academic Advisory Committee and the Hostel Advisory Committee. He also manages operations as the Faculty In-charge of the Common Facility Mess within the hostel complex.

In the academic domain, he plays a crucial role as the Coordinator for the MBBS Foundation Course and the Postgraduate First-Year Orientation Program. Additionally, he actively participates as a Resource Person in various faculty development initiatives, such as the NMC Curriculum Implementation Support Program (CISP) and the Advanced Course in Medical Education (ACME). He has made significant contributions to numerous educational programs organized by the Department of Medical Education.

Department of Obstetrics and Gynaecology

Faculty List

Senior Professor

- Dr. Latha Chaturvedula

Senior Professor & Head

- Dr. Gowri Dorairajan
- Dr. Jayalakshmi. D
- Dr. Veena P
- Dr. Dilip Kumar Maurya
- Dr. Haritha. S
- Dr. Anish Keepanasseril
- Dr. Sasirekha R
- Dr. Kubera N.S
- Dr.Chitra T

Additional Professors

- Dr.Mamatha Gowda
- Dr Murali. S

Associate Professors

- Dr Parvathi. T
- Dr Bhabani pegu
- Dr Nivedita
- Dr Yavana Suriya J
- Dr Arpitha A
- Dr Sujithra devi R

Assistant Professors

- Dr Sujatha V
- Dr Ashwini
- Dr Sivaranjini P

Departmental Highlights of the Year 2024-25

Got Platinum Laqshya Certification. Inspection was held on the 24th February 2025 AOGIN 13th National conference was conducted in Pondicherry in Oct 2024 in collaboration with our department. AGOI chapter of TN-Pondicherry was started in Feb 2025 with active collaboration from our department. MCH gynaecologic oncology was started.

Educational Courses

a. Undergraduate: MBBS
b. post graduate: MS (OBG) 20
c. Ph.D/ paramedical courses/ others: MCH Gyn Onco-1; PDF (Obst medicine-1;Fetal medicine-1)

Departmental Activities for the Year

Organised conference/ CME/ workshop

i. **National Conference / workshop:** AOGIN 13th National conference was conducted in Pondicherry in Oct 2024 in collaboration with our department. During Connaissance 5.0 Conference 2 workshops were conducted (general gynecology care and safe delivery;28/06/2024)
ii. **State chapter event:** Installation CME of AGOI was conducted in Feb 2025 with active collaboration from our department.
iii. **Local workshop / CME:** Workshop on instrumental delivery (Oct 2024), CTG workshop (Sept 2024), laparoscopy workshop (Nov 2024). Clinical Forensic Medicine Orientation Program for Examination of Sexual Offense and POCSO Cases, JIPMER Aug 2024.

Faculty conference participation

Delivered oration/ lecture in a CME/ symposium/ workshop

Dr Gowri Dorairajan was invited as Esteemed Chairperson and Expert in Project Selection Committee (PSC) meeting for reviewing, and monitoring Investigator - Initiated Research Proposal - Small Grant in the area of 'Maternal Health', Division of Descriptive Research, ICMR discussed on 10th October2024. She was an expert for Panel discussion on "Writing and Original article- Do's and Don'ts" in the Manuscript writing workshop held at JIPMER on 4th October 2024. She was also subject expert for critically reviewing research proposal for funding FOR KAHER on 20th April. She went to BHU as expert for faculty recruitment interview on 31st July 2024. She presented paper "Elective Repeat Caesarean or induction of labour (ERCOLI TRIAL) at term gestation" in the world congress RCOG 2024 held in Paris from 15th to 17th October 2024 and presented an invited lecture on "How to prepare an "impactful Book Proposal" in a workshop on Book Writing held in JIPMER on 27th November October 2024. She also presented a paper "Differences in collagen and smooth muscle expression in ruptured versus strong previous caesarean scar" at conference ADVANCES 2024 in Kerala on 6th and 7th April.

Dr Haritha Sagili presented a Poster on "Adherence to dietary modification and exercise in women with Gestational Diabetes Mellitus and its association with glycaemic control and adverse pregnancy outcomes - A

retrospective analytical cohort study"at RCOG World congress Muscat, Oman Oct 2024 and judged sessions in the following conferences: AGOIN, JIPMER Oct 2024, FOGSI Yuva, Mysuru Aug 2024, FOGSI South Zone VP Conference, Mahabalipuram Jun 2024.

Dr Sivaranjini P as a part of Organising team, organised workshop on "Essential obstetrics" on 29.06.2024 conducted as a part of JIPMER Connaissance 2024. She was a judge for "Case presentation – Obstetrics and Gynaecology" held on 29-06-2024 as part of JIPMER Connaissance 2024 and participated in panel discussion on Placenta accreta spectrum as panellist in AICOG 2025 held in Mumbai from 8th to 12th January 2025.

Participation in health camps/ public health awareness/ education programme

Dr Haritha Sagili was the World population day coordinator (11th July 2024).

Major events in Department

New academic course started

MCH gyn Onco and PDF Fetal medicine was started.

Awards and Honours

Dr Gowri Dorairajan was awarded the FELLOW OF THE ACADEMY OF MEDICAL SCIENCEs in November 2024. She led the department to achieve score of 99.55 for labour room and 98.5% for operation theatre of Obstetrics and got Platinum Laqshya Certification. Inspection was held on the 24th February 2025.

Administrative Assignments

- Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies
- Member in constituted Institute Committees
- Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies

Dr Haritha Sagili was a subject Expert for assisting the Union Public Service Commission- 2024 and Nodal officer for JIPMER website 2024 and part of Antibiotic stewardship team, POCSO, Gender affirmation group, Departmental PG Research Monitoring committee, Near miss audit committee.

Department of Ophthalmology

Faculty List

Professor

- Dr. Subashini Kaliaperumal
- Dr. K Ramesh Babu (Head of Department)
- Dr. Shashi Ahuja

Additional Professor

- Dr. Nirupama Kasturi

Associate Professor

- Dr. Amit Kumar Deb
- Dr. Geeta Behera

Assistant Professor

- Dr. Shreyas Temkar
- Dr. Karthikeyan Mahalingam

Departmental Highlights of the Year 2024-25

The Department of Ophthalmology catered to 54,082 outpatients and 2133 inpatients and performed around 4161 major ophthalmic surgeries. Six postgraduates completed their M.S. Ophthalmology course, and 5 optometry students completed their B.Sc. Optometry course successfully. A postdoctoral fellow in Glaucoma completed the course in July 2024. The department procured important equipment like the digital photo slit lamp, specular microscopy for the eye bank, and a radiofrequency cautery machine.

Educational Courses

- Undergraduate – M.B.B.S: 180 students/year
- Postgraduate – M.S. Ophthalmology: 9 students/year
- PhD/ paramedical courses/ others – B. Optometry: 5 students/year
- Postdoctoral fellow in Glaucoma: 1 per year

Departmental Activities for the Year

Organised Conference/ CME/ workshop

- The Department was involved in a hands-on workshop in CONNAISSANCE 2024, a 3-day medical conference for MBBS students held in June 2024. Workshops included an introduction to the basics of cataract surgery and fundus evaluation techniques with hands-on demonstrations.
- A workshop on "Botulinum toxin in Ophthalmology" was conducted on 5th October 2024 with a lecture on the mechanisms, dosage, and indications of Botulinum toxin. This was followed by a live demonstration of injection techniques by the expert.
- The annual "JIPMER Retina Update", was conducted on November 17th, 2024, at the SSB Conference Hall, JIPMER, under the aegis of the Pondicherry Ophthalmologists Association (POA). The program included talks by experts on various topics in medical and surgical retina. Postgraduates and fellows also presented challenging cases with enlightening discussions. A quiz on diabetic retinopathy was held for MBBS students, with prize distribution to the winners. Nearly 100+ delegates attended the program.

Faculty conference participation

Dr. Subashini Kaliaperumal

- Dr. Subashini Kaliaperumal judged the Velayutham Best Paper session at the TNOA conference held in Chennai from August 17 to 19th, 2024. She was faculty and Local Organising Committee Co-chairman for the 33rd Annual Conference of Glaucoma Society of India from 27th to 29th September, 2024, held at Puducherry and spoke on "Steps of Trabeculectomy surgery".
- She virtually presented a paper titled 'Pattern ERG (PERG) and photopic negative response (PhNR) in glaucoma suspects vs Primary open angle glaucoma' in the 27th EVER Congress held in Valencia, Spain from Nov 3rd to 5th, 2024. She also participated as faculty in the 3rd Mid-term conference of All India Ophthalmological Society held at Dehradun from October 24-27, 2024, and spoke on 'Ocular Hypertension- the way forward'. She was the speaker for an All-India webinar on "Optimising glaucoma management" and spoke on the topic "What's new and important in OCT for glaucoma progression" on Jan 22nd, 2025.
- She organised several activities for World Glaucoma Awareness Week, observed from March 9th to March 15th, 2025, including a national-level quiz for undergraduates. She gave a talk on "Extending control beyond IOP in Glaucoma" in a CME organised on 13th March 2025 for postgraduates. She was appointed as a judge by the Glaucoma society of India for "Photo talk" held on March 9th, 2025.
- Dr Subashini was a moderator for Faculty debate session "Medical research should be primarily funded by Government, not industry" in the JIPMER Research Day program held on March 8th 2025. She was a panelist for a webinar "Video bouquet in refractive Surgery" organised by TEF Eyeedu on March 19th, 2025. She was invited speaker in the Annual Congress of Kolkata Association of Ophthalmologists held from March 22 to 23, 2025 and spoke on 'The Picture worth a thousand Words:

Gonioscopy' and 'Sculpting Success: The art of Trabeculectomy'.

Dr. Ramesh Babu

Dr. Ramesh Babu was the Judge of the Prof C.P. Gupta "Best of the Best" Paper award category at TNOC 2024, Chennai EYECON held between 16/08/24 to 18/08/24. He was the organizing chairman for the CME "JIPMER Retina Update - 2024" conducted on 17 Nov 2024.

Dr Shashi Ahuja

Dr Shashi Ahuja presented physically E-Poster "Atypical presentation of open-angle glaucoma-a cross-sectional study" at the 40th Asia-Pacific Academy of Ophthalmology Congress-All India Ophthalmological Society from 03-06 April 2025 at New Delhi.

Dr. Nirupama Kasturi

- Dr. Nirupama Kasturi was the speaker on "Optimising Toric IOL outcomes" at the Phaco CME organised by Pondicherry Ophthalmologists Association on 28th April 2024.
- She was also the guest speaker on "Congenital nasolacrimal duct obstruction" at Aravind Eye Hospital, Puducherry, in December 2024. She mentored postgraduate students in the national-level Big Q quiz program organised by Maharastra Ophthalmological Society, which secured third place in the final round. She gave a talk on "Management of third nerve palsy with nil MR function" at the Eye Foundation EYEEDU-Pediatric Ophthalmology update on 27th August 2024.
- She was the convenor for a webinar in the Tamil Nadu Ophthalmology PG forum on Diagrams and colour coding on September 5th, 2024. She moderated a case presentation on comitant squint in the Tamil Nadu ophthalmology PG forum webinar in December 2024.

Dr. Amit Kumar Deb

- Dr. Amit Kumar Deb presented a free paper in the Retina free paper session for TNOA TOPS award and in the session TNOA Prof C.P. Gupta "Best of the Best" Paper award at TNOC 2024, Chennai EYECON held between 16/08/24 to 18/08/24.
- He presented one faculty talk and one free paper at South Asian Academy of Ophthalmology Conference, held from September 21–23, 2024, at Thimphu in Bhutan.
- He presented two faculty talks, one free paper and one physical poster at AIOC midterm conference held at Dehradun, Uttarakhand, October 25-27, 2024. He was the organizing secretary for the CME "JIPMER Retina Update - 2024" conducted on 17 Nov 2024.
- He presented a free paper in the prestigious JM Pahwa award session for top 10 papers in retina at VRSI Guwahati, held between Dec 6 to Dec 8, 2024.
- He was invited for a faculty talk on "Evaluation in Endophthalmitis" in the CME "Retina4U" conducted by Aravind Eye Hospital, Puducherry, on 23rd February 2025.

Dr. Geeta Behera

- Dr. Geeta Behera acted as an expert panelist for the AIOS International Masterclass Webinar on "Paradigm shifts in understanding corneal pathology through corneal anatomy with implications for management", moderating a case presentation from JIPMER, "Bilateral recurrent corneal perforation in a case of bullous SLE" on June 22, 2024.
- She participated as faculty for the 71st annual conference of Tamil Nadu Ophthalmic Association (TNOA), held in Chennai in August 2024 and spoke on "Tips and Tricks in bleb needling", and also presented two oral papers. She organised several activities for the 39th National Eye Donation Awareness Fortnight from August 25th to September 8th, 2024, including felicitating donor families and the EMSD team of JIPMER.
- She gave a Guest lecture on "Eye Banking, Keratoplasty and Recent Advances", on 02.09.2024 for MBBS students at IGMC&RI, Puducherry. She was a Faculty and Local organising Committee member (coordinator of surgical skills transfer course - wet lab) for the 33rd Annual Conference of Glaucoma Society of India (GSI) from 27th to 29th September, 2024, held at Puducherry and spoke on "Ocular Blood Flow Pathophysiology & Clinical Relevance in Glaucoma" and "Identifying glaucoma progression on visual fields", and presented a physical poster.
- She was invited as a judge (cornea) for the "NoiNaadi" online national case presentation competition held under the Young Ophthalmologists Society of India (YOSI) in October 2024. She participated as faculty in the 3rd Mid-term conference of All India Ophthalmological Society (AIOS-MTC) held at Dehradun from October 24-27, 2024, speaking on "Cataract and trabeculectomy: when and how?" and presenting an oral paper.
- She also participated as faculty in the 12th annual national conference of the Cornea Society of India (Keracon 24) held on 6-8th December 2024, Bengaluru, speaking on "Impact of an educational video in improving awareness of eye donation among non-medical health care workers", and presenting a video and poster. At the JIPMER Research Day 2024, she presented an oral paper "Comparison of two automated perimetry prototypes with conventional

standard automated perimetry in normal and glaucoma patients", under faculty presentations: research in progress.

- She gave a talk on "A comprehensive understanding of maximal medical therapy" in a CME organised on 13th March 2025 for postgraduates. The postgraduate theses done under her guidance were presented by her or the student at various national conferences as free papers and posters (AIOS-MTC 2024: won best free paper award, TNOA 2024, Keracon 24, GSI 24).

Dr. Shreyas Temkar

- Dr. Shreyas Temkar attended as a faculty member at the Retnet national conference held in Bengaluru in June 2024. He presented a free paper at the 71st annual conference of Tamil Nadu Ophthalmic Society, held in Chennai in August 2024 on the topic ""Multimodal imaging characteristics and treatment outcomes of retinal capillary macroaneurysms". He also gave a faculty talk on "Anti-VEGF Non-Responder - Definition and Management".
- He attended a week-long basic and advanced epidemiology workshop held at JIPMER in September 2024. He was invited as a judge for the "NoiNaadi" online national case presentation competition held under the Young Ophthalmologists Society of India (YOSI) in October 2024.
- He presented a free paper on the topic "Structural and functional assessment of ganglion cell complex for early detection of hydroxychloroquine-induced retinal toxicity" at the Vitreoretinal Society of India annual conference in November 2024, held at Guwahati. He participated as a faculty member at the Winter conference of the Delhi Ophthalmological Society and presented two free papers in November 2024. He participated as a delegate in the Advances in Retinal Imaging Surgery & Electrophysiology (ARISE 2025) conference held in Coimbatore in February 2025.
- The ICMR-STS project, guided by him, was selected for oral presentation at the JIPMER research day 2024. Postgraduate thesis project done under his guidance was presented by the student at various national and international conferences as a free paper and poster (AIOC 2024, TNOC 2024, and APVRS, Singapore 2024).

Dr. Karthikeyan Mahalingam

- Dr. Karthikeyan Mahalingam was a faculty IIRSI conference, Chennai in July 2024 where he delivered talk on the topics: "Role of micropulse DLCP in glaucoma", "Managing complications of glaucoma drainage devices" and moderated a session, "Latest in eye surgery". He was a faculty at 71st Annual conference of Tamil Nadu Ophthalmic Society, held in Chennai in August 2024 where he delivered a talk on the topics: "From Resident To Innovator: Recipe To Innovate During Your Residency/Fellowship", "Paediatric cataract surgery: Evolution in biometry, Surgical techniques and New frontiers" and presented a Free paper: "Citation classics in Keratoconus: A bibliometric analysis".
- He attended the Annual conference of Indian Neuro-Ophthalmological Society (INOS), September 2024, Chennai as a faculty, delivered talk on: "Differentiating neurological and glaucomatous visual field loss" and presented a challenging case, "A rare case of Myelin Oligodendrocyte Glycoprotein Associated Disease (MOGAD) with 6th nerve involvement".
- He attended the GlaucoCherry, Annual conference of GSI, September 2024, Puducherry and delivered a faculty talk on "Controversies resolved: Branded and Generic drugs – REMARKS". He was instrumental in organising and moderating the "NoiNaadi 2.0" online national case presentation competition held under the Young Ophthalmologists Society of India (YOSI) in October 2024.
- He participated as a speaker on the topic, "Selective laser trabeculoplasty" – Old problems – New solutions. Debating Ophthalmology's evolving techniques, AIOS-ARC-YOSI virtual meet, Oct 2024. He delivered a talk on "Congenital Glaucoma - The Innovative U Tool For Pre-Operative Assessment", All India Ophthalmic Society- International Ophthalmic Conclave (AIOS- IOC), Webinar, Jan 2025. He attended the Surgical Strike 360- January 2025, conducted by Young Ophthalmologists Society of India (YOSI)-Rajan Eye Care, Chennai and delivered a video assisted talk on "Managing complications of GDD". He attended the Summer Showers March 2025, MEH, Trichy- under (Tamil Nadu Ophthalmic Association) TNOA, association with Young Ophthalmologists Society of India (YOSI) and delivered a talk on, "The inception of innovation: Planting the idea that changes the game". He was invited to a CME, Vizhi Ariviyal Padasaalai (VAP) at RIOGOH, Egmore, Chennai, March 2025 to deliver a talk on "Interpretation of visual perimetry"

Participation in Health Camps/ Public Health Awareness/ Education Programmes

1. The 39th National Eye Donation Awareness Fortnight was observed from August 25th to September 8th, 2024. The activities conducted include a live public interactive program on Eye Donation awareness, on Doordarshan and All-India Radio, Puducherry; interactive eye donation and eye banking lectures for MBBS students of JIPMER and IGMC&RI, and nursing students of JIPMER; drawing competition

for school students; felicitation program for donor families and the EMSD team of JIPMER.

2. World Glaucoma Awareness Week was observed from 9th to 15th March 2025. Various activities were conducted during this week-long event to create awareness on Glaucoma. These included a walkathon, a Glaucoma awareness talk for the general public, a CME session for postgraduate students, and a national-level quiz for undergraduate students.

Major events in the Department:

Visiting Professor

1. A guest talk was delivered by Dr. Chitra Ramamurthy, Medical Director, The Eye Foundation - Coimbatore, on "Control of astigmatism in cataract surgery" on 27th April 2024.
2. A guest lecture was delivered by Dr. Ramesh Dorairajan, Consultant, Sundar Eye Hospital, Chennai on "Biometry and IOLs" on 29th November 2024 to mark the 75th anniversary of 1st intraocular lens implantation by Dr Harold Ridley. The lecture was held at Hunter theatre and attended by all the faculty, optometry staff, residents and optometry students.
3. An insightful guest talk was delivered by Dr. Anil K Mandal, on his life journey of managing congenital glaucoma on 26th September 2024.

Virtual Retina forum webinars

1. 23 July 2024: Lasers in peripheral retinal diseases. Dr Karthik Kumar, Consultant, Kumar Eye Care, Kanchipuram.

Awards and Honours

1. Dr. Amit Kumar Deb received the TNOA TOPS AWARD for best free paper in Retina at TNOC, 2024, Chennai, held between 16/08/24 and 18/08/24. Received runner-up award in the free paper session IV at the South Asian Academy of Ophthalmology (SAO) International Conference held from September 21-23, 2024, at Thimphu, Bhutan.
2. Dr. Geeta Behera - Received the "Reviewer Commendation Award" from the Indian Journal of Ophthalmology and the best session free paper (glaucoma) award for "Cataract Affects Macular Ganglion Cell Measurement More Than Retinal Nerve Fibre Layer Thickness" at the annual conferences of TNOA, Chennai (Aug 2024), and AIOS-MTC, Dehradun (Oct 2024).
3. Dr Shreyas Temkar – Editor Commendation Certificate from the Indian Journal of Ophthalmology for 2024-25.

Administrative Assignments

Dr Subashini Kaliaperumal

- Member of the PWD committee.
- Vice President of JIPMER Alumni Association (JAA)
- Member of the GFR-155 committee.
- Member of research committee under Indo-US Joint Call in the area of Vision Research by the Department of Biotechnology, Ministry of Science & Technology

Dr Ramesh Babu

- Member of Board of Studies for Undergraduation (MBBS Ophthalmology)
- Member of Board of Studies for Postgraduation (MS Ophthalmology)
- Member of Board of Studies for B. Optometry
- Chairman of NABH Accreditation Committee
- Member of JIPMER Quality Council
- Member Secretary of the Donations Committee
- Vice Chairman of Website Committee
- Officer in charge, Dr APJ Abdul Kalam JIPMER Auditorium
- Member of Specialists Board in speciality of Ophthalmology for DNB
- Chairman and Nodal Officer of NIRF Committee
- Organizing Committee Member for 9th Annual Research Day 2024

Dr. Nirupama Kasturi

- Member of the Institute Plagiarism Verification Committee
- Member of the Institute Fire Safety Committee.
- Member of the Institute Undergraduate Research Monitoring Committee

Dr Amit Kumar Deb

- Deputy warden of Harvey House 1
- GeM buyer for the Department of Ophthalmology and Chief Warden Office
- Secretary of Pondicherry Ophthalmologists' Association (POA)

Dr Geeta Behera

- Member of the Community Outreach Cell, JIPMER

Dr. Shreyas Temkar

- Department nodal officer for the JIPMER website.

Department of Orthopaedics

Faculty List

Professor

- Dr. Jagdish Menon
- Dr. Deep Sharma
- Dr Gopisankar Balaji

Additional Professor

- Dr. Suresh Gandhi B. Head of the department

Associate Professor

- Dr. Prabu M.
- Dr. Gipson Samuel T.
- Dr. Pasupathy P.

Assistant Professor

- Dr. Raghavendra K
- Dr. Kirubakaran P

Departmental Highlights

The department operates in three units providing outpatient, inpatient, emergency, trauma care and operative services. With experienced and eminent faculty setting up the department, the quality in patient care has been well assured through the years. Though being one of the oldest in the country, the department boasts modern and state of the art computer aided real time navigation technology and intra operative 3D fluoroscopic capabilities to ensure optimum and appropriate care to the patients where needed. With available resources and a faculty team comprising of both well experienced seniors and enthusiastic and dedicated juniors, the department of orthopaedics at JIPMER provides basic and specialised orthopaedic care at all levels. Comprehensive orthopaedic care in Trauma, Arthroplasty, Complex Spine deformity correction, Sports medicine, Complex deformity correction, Paediatric orthopaedic services, Musculo skeletal oncology is provided.

Educational Courses

The department of orthopaedics at JIPMER plays a vital role in MBBS education. Conducting a series of lectures on carefully selected topics and having students posted in OPD and wards ensures a comprehensive learning by undergraduate students. The postgraduate student (MS) intake was twice in a year, 5 students being taken every 6 months. As of march 2025, there were 28 postgraduate students in the department. With a fully functional skills lab, the department offers one of the best learning environments for the post graduate students. Apart from this, the department also conducts lectures and practical classes for B.Sc., Ot technician, B.Sc. emergency trauma technician and Medical record officer trainees.

Departmental Activities for the Year 2024-2025

Organised Conference/ CME/ Workshop

- Department of Orthopaedics, JIPMER Puducherry organized a CME on Basic knee arthroscopy course for post graduates which was held at hotel Accord in SEPT 2024 a total of 40 delegates attended the program.
- Department of Orthopaedics JIPMER Puducherry Organized a CME on Basic Deformity course in April 2024 with various national and state faculty at JIPMER auditorium 40 delegates were registered and attended the program.
- Department of Orthoapedics JIPMER Puducherry Organized a Pondicherry Orthopaedic Association State Conference under the AGES of Pondicherry Orthopaedic Association at APJ Abdul Kalam Auditorium JIPMER where various renowned faculty from state were invited with over 200 delegates attended the conference- Jan 2025
- Department of Orthopaedics JIPMER Puducherry had Organized a Hands On Workshop On Total Knee Replacement was a post conference workshop following POACON held at APJ Abdul Kalam Auditorium in Jan 2025, where 40 delegates actively participated in the workshop- Jan 2025
- Department of Orthoapedics Organized a Hands On Workshop On Tendon Repair techniques was a post conference workshop following POACON held at APJ Abdul Kalam Auditorium in Jan 2025, where 40 delegates actively participated in the workshop – Jan 2025
- Department of Orthopaedics Organized a Hands On Workshop On Lower Extremity Periarticular Fractures was a pre conference workshop held at JISPH building JIPMER Puducherry where around 60 delegates actively participated in the workshop- January 2025
- "Transforming Tiny Foot – Comprehensive Management Of CTEV" CME And Hands-On Workshop On Ponseti held on April 2025 at APJ Abdul Kalam Auditorium Multipurpose Hall Organized by Department of Orthopaedics JIPMER Puducherry where 42 delegates actively participated in the CME and workshop.

Faculty Conference Participation

Dr Jagdish Menon

- Delivered an invited faculty lecture on "The utility of extended bacterial cultures and next-generation sequencing in 'culture-negative' fracture-related infections' at the 32nd annual meeting of the European Orthopaedic research Society (EORS 2024) on 19th Sep 2024 held at Aalborg, Denmark.
- He also spoke on 'Getting the acetabular socket right in total hip replacement' at the annual meeting of the Pondicherry Orthopaedic Association (POACON 2025) on 4th Jan 2025; 'The management of the dislocating total hip replacement' at the annual meeting of the Tamil Nadu Orthopaedic Association (TNOACON 2025) on 7th Feb 2025 and 'Trauma to the bony pelvis' at the Surgical Tutor Masterclass on 30th Jan 2025.
- He also participated as a faculty at the JIPMER ORP Course (26th May 2024), the PG Teaching Course at Chidambaram (10th Aug 2024), Kerala PGCON at Trivandrum (14th Aug 2024), the TNOA PG Teaching Course at MMC Chennai (27th-28th Sept 2024), and the MORE PG Training Course at Pondicherry (25th Oct 2024), where he delivered a talk on 'Approach to peripheral nerve injuries'. He also presented on 'Peripheral nerve examination' at Calicut Ortho Course at Kozhikode (15th Nov 2024).
- He served as the Course Director for the ATLS provider course at CMC Vellore (11th -13th Apr 2024) and JIPMER, Pondicherry (4th -6th July 2024). He was participated in training of faculty for the ATLS at the Instructor courses held at JIPMER on 4th -5th Aug 2024 and 20th -22nd Oct 2024 at JIPMER, Pondicherry. He also organised the Trauma Quality Improvement programme 'workshop at JIPMER Pondicherry on 28th-29th Jan 2025. He was faculty at the AO trauma Course – Basic principles of fracture management (Twin) at Jodhpur on 7th-9th Mar 2025 where he spoke on "Relative stability: Biomechanics, techniques and fracture healing' and " Intramedullary nailing; to ream or not to ream'

Dr. Deep Sharma

- Invited faculty for Giving talk on management algorithm for spine tumors at POACON 2024 Jan 5-7
- Invited faculty for Panel discussion on Spine Tumors at ASSICON 2024 Jan 18-21
- Invited faculty for talk on Spino-pelvic parameters Impact on surgical decision making at WESSCON 2024; Feb 16-18
- AIIMS Spine deformity course March 21-23 2024, PSO Video demo and Cadaveric workshop on spine osteotomies and spino-pelvic fixation.
- Presented oral paper at Global Spine Congress at Bangkok, May 15-18 2024
- Invited to deliver talk on Cervical spine fracture and hands on workshop faculty at Chennai Orthopaedic and spine Society annual Conference, 2024 at Chennai on 29 th June 2024
- Invited faculty and Panel expert for Knee Arthroplasty Course on July 7 th 2024 at Pondicherry organized by Cholamandalam ortho association and Depuy synthes
- Invited to chair a session on Adult Spine Deformity: Complications and their management at ICS, Chennai by ASSI/COSS & Chennai spine club on 22-24 th August 2024 at Mahabalipuram
- Attended Nailscon 2024 at Pahalgam Kashmir: 20 – 22 Sept 2024
- Invited as a course Faculty for the MMC PG training program 2024, Spine session on 29 th Sept 2024
- Invited to Deliver talk on Geriatric Trauma on 17-18 Oct 2024 at National Emergency and Trauma Nursing Conference 2024 at JIPMER Invited as course faculty for ATLS Instructor course on 19-20 oct and 20 21 oct 2024 at JIPMER
- Invited as course faculty for Mahatma Gandhi Orthopedic revision (MORE) Course 2024 on 25 th Oct 2024 at MGMC, Pondicherry
- Invited as Course faculty at Calicut Ortho Course 2024 on 15-17 Nov 2024
- Invited as course faculty at Manipal Spine Robotic Conference at Bangalore on Nov 30-Dec 1 2024
- Invited as external examiner for M.Ch. Spine surgery exam at AIIMS Rishikesh Dec 9 2024
- Invited to chair a session and panel discussion on Degenerative spine and complications in spine surgery at ASSICON 2025, Bangalore, Jan 17-19 2025
- Invited as a Judge and chair the Gold medal Paper session at Pondicherry Orthopaedic Association annual meeting, January 2025
- Invited to deliver a talk on Intraoperative neuro monitoring and faculty for the cadaveric workshop on spine osteotomy and spino- pelvic fixation March 27-29 2025, at AIIMS, Delhi: Annual Spine Deformity Conference.
- Invited as a Guest Editor for Indian Journal of surgery
- Associate Editor for Indian Journal of Orthopaedics.

Dr. Gopisankar @ Balaji

- Participated as course faculty in "Current concepts in Osteosynthesis -Advanced 2024" in CMC Vellore on 20/6/2024 & 21/6/24 and delivered lectures on "Elbow fracture dislocation", and "Complex malleolar fractures".

- Participated as course faculty in IFAS Basic foot and ankle course in CMC Vellore on27/07/24 and delivered lecture on Talar injuries.
- Moderated a panel discussion on forearm fractures in OASIS TRAUMACON at Chennai.
- Faculty for MMC PG Course at Chennai.
- Talk on tips and tricks in harvesting BPTB graft on 7-9 feb 2025 in TNOACON 2025.
- Organising chairman for basic knee arthroscopy course for postgraduates.

Dr Suresh Gandhi B

- Organising chairman and faculty of Pondicherry Orthopaedic State Conference held at JIPMER, Puducherry in January 2025.
- Organising Chairman of TKR workshop post POACON 2025 held at APJ Abdul Kalam Auditorium JIPMER Puducherry in January 2025.
- Organising Chairman of tendon repair workshop post POACON 2025 held at APJ Abdul Kalam Auditorium JIPMER Puducherry in January 2025.
- Organising Chairman of pre-conference workshop on "periarticular fractures of the lower extremity" POACON 2025 held at APJ Abdul Kalam Auditorium JIPMER Puducherry in January 2025.
- Organising Chairman and faculty of CME and workshop on CTEV held on April 2025.
- Organising Chairman and Faculty of basic deformity correction workshop held on April 2024.
- Demonstration of computerised Ilizarov – February 2025

Dr. Prabu.M

- Peer reviewer in the Indian Journal of Orthopaedics.
- Teaching faculty in BTLS and fracture fixation course for operating room personal.
- ATLS faculty from 2023.
- MBBS external examiner at KIMS Bangalore March.2023.
- MBBS external examiner at Savitha Medical College February 2024
- Faculty talk, COSICON, Chennai, June 2024.
- Faculty talk, OASISCON, webinar, September 2024.
- Faculty lecture at ACS medical college, Chennai 22nd November 2024.
- Faculty lecture and organizing secretary at POACON 2025
- Faculty in ATLS provider course GITAM, Visaz January 2025
- External examiner for MS Ortho, MVMC, Pondicherry 2025
- Faculty lecture at TNOACON February 2025
- Faculty in the cadaveric workshop IGMC, March 2025.
- Member of :
  1. Indian Medical Association
  2. Indian Orthopaedic Association (LM12420)
  3. Pondicherry Orthopaedic Association
  4. Association of Spine Surgeons of India
  5. ATLS, India as Faculty

Dr. Gipson Samuel T

- Organised conference - POACON 2025, January 4 to 6, 2025 under the aegis of POA
- Faculty conference participation POACON 2025, 6th Jan 2025 - Talk on `Reconstruction after resection in Bone tumours`, POACON 2025, 5th Jan 2025 – Chaired a Free paper session on Shoulder disorders, TNOACON 2025, 7th Feb 2025 - Chaired a Free paper session in Orthopaedic Oncology, POACON 2025, 5th Jan 2025 – Judge for Poster presentation, POACON 2025, 4th to 6th, Jan 2025 – Scientific Committee

Dr. Pasupathy P

- Participated as faculty in TNOACON 2025 held at Cuddalore and delivered a "Talk on `Damage control; orthopaedics versus Early appropriate care"`
- Participated as faculty in the COSSCON 2024 held at Chennai talk on "extension injuries to stiff cervical spine"
- Participated as faculty and organizing secretary of POACON 2025 held at JIPMER 2025 "degenerative spondylolisthesis"
- Participated as faculty in the ASSICON 2025 held at Bangalore
- Participated as faculty in the CTEV CME and workshop held at JIPMER 2025

Dr Kirubakaran P

- Jipmer deformity course 2024 ORGANISING SECRETARY
- Pondicherry orthopedic association conference 2025 and preconference basic conference cme organising secretary responsibility for banner, certificate printing , scientific program, tnmc credit points.
- Faculty At IFASCON KOCHI 2024. Delivered a talk on recurrent peroneal dislocation 24 .08.2024 (National Foot And Ankle Conference)
- Faculty in TNOACON 2025 9th February delivered a talk on external fixation in foot and ankle trauma how to maintain the arch(state conference)
- OASIS Instructional Course Lecture Series Webinar Talk On Periprsothetic Distal Femur Fractures 6th May 2025
- Madras Orthopedic Society Beyond Prp And Bmac Masterclass On Orthobiologics . A Talk On

Orthobiologics In Foot And Ankle Recent Update 12.1.2025 .

- 26 April 2025 Aopas 2025 Chandigarh Association Of Pelviacetabular Surgeons Of India . Faculty Talk On Ct Scan In Assessment Of Pelviacetabular Fractures
- Faculty In 5th January POACON 2025 Delivered Talk On Ankle Arthrodesis Through Transfibular Approach
- Executive Committee Member In PONDICHERRY ORTHOPEDIC ASSOCIATION

Dr Raghavendra K:

- Presented a paper on developmental dysplasia of the hip in walking children, mid-term outcome: an association between acetabular index and acetabular development at POSICON 2025 held at Ahmedabad, Gujarat, in January 2025.
- Faculty lecture and Organising secretary at POACON 2025.
- Scientific committee member for POACON 2025
- Organising secretary and Faculty lecture in CTEV CME and workshop.
  1. Two-handed two-finger technique of the Ponseti method for management of CTEV
  2. PMSTR in CTEV at the Clubfoot CME and workshop held in April 2025 at JIPMER, Puducherry.
  3. Hands-on Training for the delegates on the Ponseti method of plastering technique on CTEV models.
- Faculty lecture and table teacher on Essentials of Splints and tractions at Connaisance UG conference held at JIPMER, Puducherry, in April 2025.
- Peer reviewer of "Journal of Clinical Orthopaedics and Traumatology".

Participation in health camps/ public health awareness/ education programme

- KARASANUR HEALTH CAMP.
- Dr Gipson S Invited for Health Connect organised by Puducherry Govt for Hemophiliacs.
- Dr Raghavendra K attended health camp under ABPMJAY/TNCMCHIS at Rawthankuppam village, Villupuram District in September 2024.
- Dr Pasupathy gave a Radio interview in Rainbow FM on `Spinal disorders`
- All India radio interviews by Dr Kirubakaran P spine issues in orthopedics.

  road traffic accident and orthopedic trauma.

Awards and Honours

- Dr. Sharran M, Final year Orthopaedic junior resident participated in the Post Graduate exam conducted by Institute of Child health and Hospitals for Children Egmore for TN state and secured Gold Medal in Final Exam.
- Dr Sharran M secured First prize in Spine Quiz Competition Organized by TNOA in Oct 2024.

Administrative Assignments

Dr Jagdish Menon

- Serves as Member of the Board of studies at the Kerala University of Health Sciences and AIIMS Nagpur
- He also serves as Faculty-in-charge of Procurement' at JIPMER, Pondicherry. He serves on the Editorial board of the Indian Journal of Orthopaedic surgery

Dr. Deep Sharma

- Associate Editor of Spine Section of Indian Journal of Orthopaedics
- Deputy Medical Superintendent for PMRC, Screening OPD, and Transfusion Medicine Blocks
- Member of various institute committee.

Dr. Prabu. M

- Nodal officer for TN scheme Orthopedics.
- Nodal officer for website management for Orthopedics.
- Secretary for PGRMC orthopedics.
- Faculty in ATLS
- Nodal officer for centralized skills lab.

Dr. Pasupathy

- Was Joint secretary of Website committee
- Member of Procurement committee for Puducherry Government
- Member of Core committee of the National TB eradication programme

Dr. Gipson

- Member of JIPMER Official Language Implementation Committee,
- Member of Medical Board for admission of Pwd candidates in MBBS, PG etc.,
- Member of PMR Specification Vetting Committee,Member of Condemnation of Costly equipment EMS
- Resource person for Emergency Medical Technician Certificate Course

Dr Kirubakaran

- Executive committee member in PONDICHERRY ORTHOPEDIC ASSOCIATION

Dr Raghavendra K

- Nodal officer fire safety for PMRC

Department of Paediatrics

Faculty List

Professor (Senior Scale)

- Niranjan Biswal

Professor

- Narayanan Parameswaran
- Gunasekaran Dhandapany (Head of the Department)
- Tamil selvan
- Sriram Krishnamurthy
- Reena Gulati
- Nivedita Mondal

Additional Professor

- Delhi Kumar CG
- Venkatesh C

Associate Professor

- Jaikumar GR
- Bobbity Deepthi

Assistant Professor

- Sudarsan
- Sivamurukan P
- Ramya Srinivasa Rangan
- Anitha A (on contract since 05.04.2024)

Departmental Highlights of the Year 2024-25

The Department of Paediatrics is housed in the JIPMER Women and Children Hospital. The spectrum of healthy and sick children reaching this department for clinical care provides the students with unparalleled opportunities to learn and serve. Problem solving and research are central to the academic programs in the department. The daily outpatient attendance averages around 150 to 200. The Department runs several specialty clinics which include Pediatric Neurology, Child Psychiatry Forum, Child guidance clinic, Infectious Diseases, Pediatric Nephrology, Childhood Asthma, Pediatric Cardiology, Genetic Clinic, Genetic counselling clinic, Immunization, Haematology, Gastroenterology, Endocrinology, and Child development. The Pediatric ICU has 19 beds and 13 ventilators. The department has a regular teaching program for undergraduate (M.B.B.S) and postgraduate (M.D) students, as well as a PhD program in Pediatrics. The department also runs a DM program in Pediatric Critical Care and Emergency with intake of two students per year. Research on health issues with a crying need at the regional and national level is the priority of the department. The department is committed to improve child health care through excellence in patient care, teaching, and research. Poster/oral presentations of the research work done by our residents and faculties are routinely presented in many regional/national/international conferences. The department has published more than 150 scientific papers in the last 5 years in indexed journals of national and international repute.

Educational Courses

- Undergraduate – MBBS
- Postgraduate – MD Paediatrics, 22 students with two batches of 11 each
- Super Specialty – DM Paediatric Critical Care and Emergency, two students per year
- Ph.D. – Paediatrics

The Standing Academic Committee of JIPMER has approved a 2-year Post-Doctoral Fellowship (PDF) course in Pediatric Nephrology with an intake of 1 fellow per year.

Departmental Activities for the Year

Organised conference/ CME/ workshop

State chapter event

Dr Narayanan and Dr Sivamurukan, had organized and participated as resource person in basic ventilation workshop on 22nd June 2024 at 16th East coast PEDICON 2024, Puducherry.

Local workshop / CME

Dr. Gunasekaran D and Dr. Narayanan P have conducted two American Heart Association-certified PALS (Pediatric Advanced Life Support) courses for the Postgraduates in the Department of Paediatrics, JIPMER, Puducherry. The first course was on 5-6 April 2024 (12 students), and the second course was on 8- 9 April 2024 (for 10 students). They were also involved in conducting RBSK training program for health care workers from Lakshadweep.

Dr Sudarsan, Dr Bobbity Deepthi and Dr Sriram Krishnamurthy organised and conducted the 'College round' of the national postgraduate quiz in Pediatric Nephrology on 19th July 2024 and the 'Divisional round', organised by the Indian Society of Pediatric Nephrology (ISPN), on 31st August 2024. This quiz was special and unique as the 'Divisional Round' was successfully conducted all over the country simultaneously using online webinar platform with participation from ~150 medical colleges from various parts of the country. As part of the World Kidney Day celebrations 2025 in JIPMER, Dr Bobbity Deepthi, Dr Sudarsan and Dr Sriram Krishnamurthy organised and conducted the

Postgraduate Quiz in Pediatric Nephrology for JIPMER postgraduates on 12.3.2025.

The Department of Paediatrics, in Coordination with Dept. of Nursing, Women and Children Hospital (WCH), JIPMER, successfully launched the Stop Diarrhoea Campaign at JIPMER, Puducherry, on 1st July 2024. The Campaign was from 1st July - 31st August 2024. Dr Ramya Srinivasa Rangan was nominated as the Nodal officer for this campaign at JIPMER. A banner (the contents in the trilingual language) was displayed at the entrance of the WCH Building, JIPMER. Oral Rehydration Therapy (ORT) Corners and posters related to the campaign were set up at all patient care areas (Paediatric wards, General OPD, Speciality OPDs, NICU, PICU, Casualty, Immunization clinics, and postnatal wards). The Health education related to Diarrhoea prevention and management in all patient contact areas was executed by the Nursing Superintendent (Mrs Santhi Tamilmani), Deputy NS and their team of Senior Nursing officers (SNO) at WCH through weekly sessions addressing hand hygiene, ORT preparation and home management of diarrhoea, safe drinking water and safe storage, toilet use and risks of open defecation, breastfeeding, and complementary feeding throughout the campaign period.

A Poster competition (40 participants) and rangoli competition (15 participants) for Senior Nursing officers were held on the 23rd and 24th of July 2024, respectively, on the theme of "Diarrhoea prevention and management". Twelve nursing officers enacted a Role play on "Diarrhoea prevention and management" on 26th July on the Ground floor of the WCH Building main entrance for forty minutes. On the 26th of July, a Quiz competition was organized for the Final year MBBS students (59 participants) in the JIPMER Academic Centre (JAC) Building. A visit to JIPMER Urban Health Centre at Kurusukuppam and JIPMER Rural Health Centre Ramanathapuram was taken on 25th July and 18th July, respectively; during this visit, parents/caretakers who came for routine immunization visits were educated regarding diarrhoea prevention and management. School visits to four government schools were made to educate schoolchildren regarding diarrhoea aetiology, prevention, danger signs, and management, which benefitted almost 500 students. The tree plantation program was conducted on 30th August 2024, in which the Faculty, Nursing Officers, Senior Nursing Officers and Deputy Nursing Superintendent planted thirty saplings around the WCH building to commemorate the anti-diarrhoea campaign. The felicitation ceremony was held on the 24th of August, where certificates and prizes were distributed by The Chief Guest Dr V. Anandalakshmi, Deputy Director (FW & MCH) & State Nodal Officer, Dr L.N. Dorairajan, Medical Superintendent, JIPMER, Dr D. Gunasekaran HOD, Dept. of Pediatrics, Chief Nursing Officer Mrs A. Sankareswari, Mrs Santhi Tamilmani, Nursing Superintendent, WCH, Mrs Kannaki I, Deputy NS, and Mrs, Gandhimadi, Deputy NS.

Faculty conference participation

Delivered oration/ lecture in a CME/ symposium/ workshop

- Dr Narayanan was invited as faculty for the Basic course on "Fundamentals of Clinical Biochemistry" and conference on "interpretive Clinical biochemistry" by Dept. of Biochemistry, IGMC &RI during 18-7-24 to 20-7-2024 and delivered a lecture on "Approach to a child with Hyperammonemia". He was also invited as faculty for 18th Workshop on Pediatric and Neonatal Ventilation, SRMC, Chennai during 5-9-2024 to 6-9-2024. He was invited as faculty for the CME on Advanced Ventilation and Pediatric Critical Care Update, held from 13-15 September 2024 at AIIMS Raipur where he delivered 3 lectures and was faculty for 3 workstations. The lectures were on "Let's begin the journey – Initiation of Mechanical Ventilation", "Trans pulmonary Pressure & Assessment of recruitability & lung recruitment" and "DKA management – The never-ending Dilemma". The workstations included "Case based discussion on low compliance Ventilation", "APRV and HFOV", and "Respiratory muscle power assessment". He was also invited as faculty for the "Yuva Pedicriticon 2024 and the 15th Karnataka State Pediatric Critical Care Conference" held during 27th to the 29th of September, 2024, where he delivered a lecture on "ICU: an open and shut case?". He was invited as faculty for the CME on Simplified approach to Pediatric advanced intensive care and resuscitation kernels (SPARK) at KIMS, Trivandrum on 20-10-2024 where he delivered a lecture on "Ten commandments in managing Raised ICP". He was also invited as faculty for the Masterclass on Arterial Blood Gas Analysis organized by Department of Anesthesiology &Critical Care, JIPMER, Puducherry in association with ISCCM Puducherry on 17-11-2024 and delivered a lecture on "Oxygenation and Ventilation". He was also invited as faculty for the 26th National conference of Pediatric intensive care chapter of India (Pedicriticon 2024) during 11th to 15th December 2024 at Chennai where he participated as faculty in two workshops and moderated two panel discussions. He delivered a lecture on "How to conduct RCTs?" in the workshop on Research Methodology. He also delivered a lecture on "How to Minimize VILI- Driving Pressure and Trans pulmonary Pressures" and conducted

a workstation on "HFOV and inhaled nitric oxide therapy" in the Advanced Ventilation workshop. He moderated two panels, one on "QI Interventions: for show or safety? and another on "Immunomodulation for hyperferritinemia in Dengue". He was also invited as faculty for the 62nd National Conference of the Indian Academy of Pediatrics at Hyderabad, from 8th to 12th January 2025. He delivered a lecture on "Respiratory physiology" and was faculty for the pre-conference workshop on Mechanical ventilation and HFOV. He also was a panelist for the GOI MOHFW panel on Vision 2030: Role of pediatricians in strengthening pediatric critical care. He was also invited as faculty for Nexgen Foundation course for Postgraduates at MGMC Puducherry during 25th to 26th March 2025 where he delivered a lecture on "Ethics and Professionalism"

- Dr Tamil Selvan participated as Faculty in the 62nd Annual National Conference of the Indian Academy of Pediatrics at Hyderabad from 08-12th Jan 2025. He also presented an oral paper titled "A Prospective Cohort Study on the Effect of Antiseizure Medications on Thyroid Function in Children Aged 6 Months to 12 Years with Epilepsy" at EAPS 2024 at Vienna, Austria.
- Dr Sriram Krishnamurthy participated as invited Faculty in the 36th Annual National Conference of the Indian Society of Pediatric Nephrology (ISPN) (ISPNCON 2024) on 7.12.2024 at New Delhi and delivered a talk on 'WDR72-associated tubulopathy.' He was also invited Faculty for the pre-conference workshop of the 36th Annual National Conference of the Indian Society of Pediatric Nephrology (ISPN) ISPNCON 2024 on 6.12.2024 at New Delhi and delivered a lecture on 'Development of Research protocol: Introduction: Topic and Rationale' at the workshop on Research protocol development. He was also one of the Referees for review of the scientific content of the Abstracts of papers presented in the Oral presentation section at the event, as well as referee for the Poster section at the Conference. He was faculty at the International Pediatric Nephrology Association (IPNA)-supported pediatric nephrology conference 'Young kidneys 2024- an IPNA teaching course' and Dr Georgi Abraham 2nd Annual Oration at Chennai and delivered a lecture entitled 'Chronic kidney disease in glomerular diseases' on July 21, 2024. At this conference, Dr Nithya RM, Junior Resident in Pediatrics was awarded 2nd Prize at the Dr M. Vijayakumar Medal Examination. He also participated as Lead Faculty and Moderator for a panel discussion entitled 'Glomerular Diseases in Children' at the Pediatric Nephrology conference -NEPHKIDS 2024 and 15th Dr BR Nammalwar Oration at Chennai (held under the auspices of the International Society of Nephrology, the International Pediatric Nephrology Association, and the Indian Academy of Pediatrics) on 15.9.2024. At this conference, 6 MD students from the Department of Pediatrics, JIPMER won awards at the Dr M. Vijayakumar Medal Examination in Pediatric Nephrology for postgraduate students in Pediatrics. The awards included First Prize (Dr Akshaya, MD (Pediatrics) student); Second Prize (Dr Gurram Vandana, MD (Pediatrics) student); Third prize (Dr Abhay, MD (Pediatrics) student); Fourth Prize (Dr Praveen SM and Dr Monica S, MD (Pediatrics) students); Fifth prize (Dr Samith Ponnachan, MD (Pediatrics) student). He was also faculty for the educational activity entitled 'Indian Society of Pediatric Nephrology (ISPN)'s Pediatric Nephrology Core Curriculum: Nephrology education from a Pediatric Residents' outlook (NEfPRO)' and delivered a lecture on 'Approach to Renal Tubular Acidosis' on June 20, 2024 as part of this teaching activity. He was also faculty at the Pediatric Nephrology CME entitled 'Kids and the kidneys-2' organised by Mahatma Gandhi Medical College and Research Institute, Pondicherry on August 11, 2024 and delivered a lecture on 'Management of Acute Kidney Injury in children.' He presented a research paper entitled 'Clinical characteristics and genetic profile of children with WDR72-associated distal renal tubular acidosis: a nationwide experience' on 21.2.2025 at Research Day 2025, JIPMER as part of Faculty (Published papers) category.
- Dr. Reena Gulati presented a poster titled 'Comparison of two different doses of vitamin D3 supplementation on bone health in ambulatory boys with DMD- a double blind randomized controlled trial' authored by Dr. Reena Gulati and Pranay Sangla. Abstract published in proceedings of the European Human Genetics Conference 2024, June 1-4, 2024. Dr. Reena Gulati was invited as Guest of honour at the 'Annual Research Day-2025' of SriVenkateshwaraa group of Institutes, at Sri Venkateshwara Medical college Hospital and Research Institute, Puducherry. She delivered a guest lecture titled 'Application of Next Generation Sequencing (NGS) in clinical settings'. She was invited as guest speaker at seminar on 'NGS and microarray applications' held on September 28, 2024, organized by the Department of Medical Oncology, JIPMER where she delivered a lecture on 'Applications of NGS/microarray in a clinical setting-perspective of Pediatric Geneticist'. Dr. Reena Gulati was invited as guest faculty to the '7th Annual Conference of the Indian Society of Inborn Errors of metabolism-ISIEM-2024' which was held from 20th to 22nd September at Jaipur, where she chaired the session titled 'Lysosomal Mysteries: Decoding Storage Disorders- Diagnosis & Management

of Pompe Disease'. She was also invited as guest faculty at 'Annual Meeting of the Indian Society of Human Genetics and International Conclave on Neurogenetics' from January 20-22, 2025, organised by National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru, where she acted as the chairperson for a scientific session on 'Genetics of Complex Disorders/Epigenetics/Gene-environment Interactions' and acted as the judge for research posters presentation.

- Dr Nivedita Mondal conducted a training on 'Neuromotor examination' for a team of physicians from Lakshadweep for Rashtriya Bal Swasthya Karyakram on 16.05.2024 in the Department of Pediatrics, JIPMER. She delivered a talk on 'Pediatrician's perspective on feeding a neurologically impaired child' in the 5th Annual Pediatric Rehabilitation Conference on 10.11.2024 conducted in Pondicherry. She took an online class on 'Examination of a Child with Cerebral Palsy' for DNB Neonatology fellows in Kerala Institute of Medical Sciences, Trivandrum on 18.03.3025. She was an invited speaker for the session on "Hands on training - Screening for ASD" in the CME on Autism Spectrum Disorder in Children on 29.03. 2025 at Mahatma Gandhi Medical College, Pondicherry
- Dr Delhi Kumar C.G. presented a poster titled "Neurodevelopmental Outcome in Children with Congenital Hypothyroidism Between 6 to 42 Months of Age – A Cross-Sectional Analytical Study" in the European Society for Paediatric Endocrinology 2024 Conference held in Liverpool, UK from November 16 -18, 2024.
- Dr Venkatesh. C served as a resource Person for RBSK training program for health care workers from Lakshadweep on 16.05.2024 held at the department of Pediatrics. He was invited as a faculty to VCRC to give a guest lecture on Scrub Typhus for MSc MPHE students on 12.12.2024.
- Dr. Bobbity Deepthi participated as invited Faculty in the 36th Annual National Conference of the Indian Society of Pediatric Nephrology (ISPN) (ISPNCON 2024) between December, 6th -8th, 2024 at New Delhi and was a Panelist for "Nephrolithiasis-Advances in diagnosis and treatment". She also delivered a talk on "Glomerular function and renal function reserve" in the pre-conference workshop (Diagnostics in Pediatric Nephrology)" of the 36th ISPNCON 2024 on 6.12.2024 at New Delhi. Dr. Bobbity Deepthi delivered an invited lecture titled "Approach to Hemolytic Uremic Syndrome in children" on 25th April, 2024 for the Scientific session organised by the Women in Nephrology (WIN) Tamil Nadu and Puducherry wing. Dr. Bobbity Deepthi was a resource faculty for the workshop "All about Hemodialysis" organised at the 'Young kidneys 2024-an IPNA teaching course' and Dr Georgi Abraham 2nd Annual Oration at Chennai on 20th July, 2024. She was also a resource faculty for "Soft peritoneal dialysis catheter insertion" and "Peritoneal dialysis-complications and troubleshooting" at the Pediatric Nephrology CME entitled 'Kids and the kidneys-2' organised by Mahatma Gandhi Medical College and Research Institute, Pondicherry on August 11, 2024. Dr. Bobbity Deepthi participated as Faculty and a member of organizing committee of the Nutrition in Pediatric and Adolescent CKD CME (NUTRI-PACK CME 2024) on December 10th, 2024 at St John's Medical College, Bangalore and was lead faculty for Practical Session Diet assessment in CKD. She also participated as Faculty in the 3rd Annual conference of Women in Nephrology (WIN)-Tamil Nadu and Puducherry chapter, 2024 and delivered lecture on "Automated and continuous ambulatory peritoneal dialysis" and was Panelist for "Pediatric hypertension" on 28th September 2024 at SRIHER, Chennai. Dr. Bobbity Deepthi also presented oral research papers entitled 'Clinical characteristics and genetic profile of children with WDR72-associated distal renal tubular acidosis: A nationwide experience 'and 'Seroconversion after Varicella vaccination and post-Varicella infection in Children and Adolescents with Nephrotic syndrome' and 'Assessment of protein energy wasting in children with chronic kidney disease: A cross-sectional study' at the 20th IPNA Congress, held on 19 - 23 February 2025, Cape Town, South Africa. Dr. Bobbity Deepthi attended and presented the research work titled 'Clinical Characteristics and Outcomes of Children and Adolescents with Lupus Nephritis' at 22nd Asian Pacific Congress of Nephrology held in conjunction with the 44th Annual Meeting of the Korean Society of Nephrology (APCN & KSN 2024) held between 13th-16th June 2024 at Seoul, South Korea. Dr. Bobbity Deepthi attended and presented the research work titled "Clinical characteristics, genetic profile and outcomes of children with non-azotemic refractory rickets: a cohort study" at the International society of Nephrology (ISN) World Congress of Nephrology congress 2025, held between February 6-9th 2025 at New Delhi India.
- Dr Sudarsan was a faculty for the 'Indian Society of Pediatric Nephrology Core Curriculum: Nephrology education from a Pediatric Residents' outlook (NEfPRO)' program, an online education series targeting pediatric postgraduates all over the country and delivered a lecture on the topic "Water homeostasis and approach to polyuria" on 31.5.2024. He was awarded a travel grant to participate in the

22nd Asian Pacific Congress of Nephrology (APCN 2024) held in Seoul, South Korea from 13-16th June 2024 and present two papers for poster presentation: "Experience of continuous kidney replacement therapy from a tertiary care center" and "Audit of pediatric kidney biopsies from a tertiary care center". Dr Sudarsan participated as faculty in the "Young Kidneys 2024" workshop on "Hemodialysis: Troubleshooting and case based discussion" conducted by Dr. Mehta's Multispecialty hospital, Chennai on 20th July 2024 and delivered a lecture on "Principles of Hemodialysis". He participated as faculty in the 6th Annual Pediatric Nephrology Conclave: An International Pediatric Nephrology Association (IPNA) endorsed Pediatric Nephrology Workshop cum CME conducted at AIIMS, Bhopal on 26th and 27th July 2024 and conducted the dialysis workshop and delivered a talk on "Acute HD and SLED prescription". He also participated in a panel discussion on "Antenatal Hydronephrosis: A case based approach". He participated as faculty in the "Kids and Kidneys-2" workshop on pediatric AKI and peritoneal dialysis conducted by Mahatma Gandhi Medical College and Research Institute, Puducherry on 11th August 2024 and delivered a talk on "PD Prescription for AKI". He participated as faculty in the NephKids 2024 workshop cum CME conducted by Apollo Hospitals, Chennai on 14th September 2024 and delivered a talk on "Fluids in special situations". He participated as faculty in the "National Pediatric Nephrology Conclave 2024", a combined Indian Society of Nephrology (ISN), Indian Society of Pediatric Nephrology (ISPN) and IPNA sponsored teaching course conducted by SAT Hospital, Government Medical College, Thiruvananthapuram on 23rd and 24th November 2024 and conducted the CRRT workshop and delivered a talk on "Pediatric CRRT- Prescription and Complications". He also delivered faculty lectures on the following two topics: "Office Practice in childhood kidney diseases - Early diagnosis and Timely Referral" and "Diagnosis and Evaluation of childhood lupus nephritis". Dr Sudarsan Krishnasamy participated as faculty in the 36th Annual National Conference of the Indian Society of Pediatric Nephrology (ISPNCON 2024) held from 6th to 8th December, 2024 at New Delhi. He participated in the Critical Care Nephrology workshop and delivered a talk on "Fluid balance in the critically ill". He delivered a faculty lecture on the topic "Hypophosphatemic rickets" in the main conference. He was also a referee for the posters presented in the conference. Dr Sudarsan Krishnasamy participated in the 20th Congress of IPNA held in Cape Town, South Africa from 19-23 February 2025 and presented a poster on "Performance of the Pediatric Reference Change Value Optimized for Acute Kidney Injury in Children (pROCK) criteria in critically ill children".

- Dr Sivamurukan gave a lecture in Pediatric Intensive Care Primer CME on recognition of critically ill child at PIMS, Puducherry on 3rd August 2024. He also gave a talk (as a panelist) on ChatGPT and other chat bots: boon or bane in Pedicriticon 2024 at Chennai on 15th December 2024.
- Dr. Ramya Srinivasa Rangan participated in organizing the RBSK training program ON 14- 16th May 2024. She also delivered a talk on Pediatric Tuberculosis – Diagnosis and management as part of NTEP training programme on 21st March 2024.

Participation in health camps/ public health awareness/ education programme

Dr. Tamil Selvan organised the divisional round of National Level Postgraduate Quiz in Pediatrics (IAP) in the Department of Pediatrics, JIPMER in association with Indian Academy of Pediatrics 2025.

Our department is part of an online educational activity entitled 'Clinical Combined Rounds-Pediatric Nephrology' along with other institutes such as AIIMS, New Delhi; PGIMER Chandigarh; Christian Medical College, Vellore; St John's Medical College, Bangalore; SAT Hospital, Thiruvananthapuram among others. This educational program caters to faculty, residents and fellows in pediatric nephrology from these institutes is held weekly.

A Postgraduate Quiz in Pediatric Nephrology was organised in the Department of Pediatrics, JIPMER as part of World kidney day (WKD) 2025 celebrations on March 12, 2025 with this year's WKD theme 'Are your kidneys okay? Detect early, protect kidney health'. Dr Nanditha and Dr Madhubalan, Junior Residents in the department won the first prize in this quiz. Dr Pramila and Dr Raghavi won the second prize.

Dr Sriram Krishnamurthy participated in the Indian Society of Pediatric Nephrology (ISPN)'s Pediatric Nephrology Core Curriculum: Nephrology education from a Pediatric Residents' outlook (NEfPRO) Web-series and delivered a lecture on 'Approach to Renal Tubular Acidosis' on June 20, 2024 as part of this teaching activity.

Dr Venkatesh.C participated as a panelist in a multidisciplinary panel discussion on Neurorehabilitation held as a part of public forum in IFNRCON 2024, held at community hall, JIPMER on 14.04.2024.

Dr. Bobbity Deepthi was a faculty for the educational activity entitled 'Pediatric Nephrology Core Curriculum:

Nephrology education from a Pediatric Residents' outlook (NEfPRO)' by ISPN and delivered a lecture on 'Kidney Biopsy and its interpretation "on April 5th, 2024.

Dr Sudarsan was a faculty for the 'ISPN Pediatric Nephrology Core Curriculum: Nephrology education from a Pediatric Residents' outlook (NEfPRO)' program, an online education series targeting pediatric postgraduates all over the country, and delivered a lecture on the topic "Water homeostasis and approach to polyuria" on 31.5.2024.

Dr. Ramya Srinivasa Rangan delivered a Talk on Hello Doctor show in FM Rainbow 102.8 on the topic of Childhood Nutrition on 21.11.2024 organised by Akash Vani Puducherry. She was also the Quiz co-ordinator and Quiz master for the Local Round (within the dept. of Pediatrics, JIPMER) and Divisional Round (Including 10 Medical Colleges and Institutes in Puducherry Division) of the 18th IAP-Quiz for the Postgraduates – Dr. Vandana Gurram and Dr. Jayakrishna from JIPMER (winners) and a team of 2 PGs from Mahatma Gandhi Medical College (Runner up) from the Divisional round participated in the Zonal round at Trissur.

Major events in Department

New services started

Hip surveillance for early detection of hip subluxation/ dislocation was started in the Child Development Clinic in 2024.

A support group for parents of children with cerebral palsy had been started in 2024. Initially, parental education on the disease and home management strategies were covered. This year onwards sessions on parental mental health well-being have been add-ed.

New academic course started

The Standing Academic Committee of JIPMER has approved the department's proposal to start a 2-year Post-Doctoral Fellowship (PDF) course in Pediatric Nephrology with an intake of 1 fellow per year.

Awards and Honours

- Dr Sriram Krishnamurthy is Section Editor of the nephrology section of the journal 'Indian Pediatrics'. His tenure as Executive member of the Editorial Board (Journal Committee) and member of the Advisory Board of the journal 'Indian Pediatrics' was extended on 7.1.2025 for 1 more year. He was also appointed as a referee by the Indian Society of Pediatric Nephrology (ISPN) for the ISPN Divisional Round Postgraduate Quiz held on 31.8.2024
- Dr. Reena Gulati was appointed chairperson and expert consultant for evaluation of 'Research proposals in Genetics' submitted for grant of funds from the 'Chief Minister's Research Grant (CMRG), 2024-2025', Directorate of Technical Education (DoTE), Govt. of Tamil Nadu. She acted as the judge by the Indian Society of Human Genetics for competitive prize evaluation of research abstracts presentations from January 21-22, 2025, submitted at their annual conference of 2025 at NIMHANS, Bengaluru. Dr. Reena Gulati was invited as Guest of honour at the 'Annual Research Day-2025' of Sri Venkateshwaraa group of Institutes, at Sri Venkateshwara Medical college Hospital and Research Institute, Puducherry.
- Six MD students from the Department of Pediatrics, JIPMER won awards at the Dr M. Vijayakumar Medal Examination in Pediatric Nephrology for postgraduate students in Pediatrics at the Pediatric Nephrology conference -NEPHKIDS 2024 and 15th Dr BR Nammalwar Oration at Chennai on 15.9.2024 (held under the auspices of the International Society of Nephrology, the International Pediatric Nephrology Association and the Indian Academy of Pediatrics). The awards included First Prize (Dr Akshaya, MD (Pediatrics) student, JIPMER); Second Prize (Dr Gurram Vandana, MD (Pediatrics) student); Third prize (Dr Abhay, MD (Pediatrics) student, JIPMER); Fourth Prize (Dr Praveen SM and Dr Monica S, MD (Pediatrics) students, JIPMER); Fifth prize (Dr Samith Ponnachan, MD (Pediatrics) student). Dr Nithya RM, Junior Resident in Pediatrics was award 2nd Prize at the Dr M. Vijayakumar Medal Examination, Young Kidneys 2024, on 21.7.2024. Dr Monica S and Dr Akshaya A, Junior residents in Pediatrics were awarded the 1st Prize at the Indian Society of Pediatric Nephrology (ISPN) National quiz in Pediatric Nephrology for postgraduate students in Pediatrics at the 36h Annual National Conference of the Indian Society of Pediatric Nephrology (ISPN) (ISPNCON 2024), New Delhi on 8.12.2024. Dr Nanditha and Dr Madhubalan won the first prize at the Intercollegiate Pediatric Nephrology Quiz Competition held on 13.3.2024 on the occasion of World Kidney Day.
- Dr Samith Ponnachan, Junior Resident, Pediatrics (Corresponding author: Dr Bobbity Deepthi) presented a paper entitled 'Seroconversion after varicella vaccination and post-varicella infection in children and adolescents with nephrotic syndrome- A cross sectional study' in the Oral Presentation section of 36h Annual National Conference of the Indian Society of Pediatric Nephrology (ISPN) (ISPNCON 2024), New Delhi on 8.12.2024.
- Dr Sudarsan is the Nephrology Section Editor of the journal "BMC Pediatrics" from July 2024. He was the Quiz Master for the ISPN Divisional Round Postgraduate Quiz held on 31st August 2024.

- Dr Sivamurukan became the winner for young intensivist oral poster category given at Pedicriticon 2024 at Chennai on 15th December 2024. He was also awarded the 2nd price in oral presentation – faculty research in progress category at the tenth JIPMER research day 2025 on 8th March 2025.

Administrative Assignments

- Prof Niranjan Biswal continues to be a member for board of studies for MBBS and MD courses at SRIHER, Chennai and BHU, Varanasi.
- Dr Narayanan continues to be the Associate editor of Indian Journal of Critical Care Medicine (IJCCM). He is also the member of the editorial board of the Indian Journal of Paediatrics as section editor.
- Dr Tamil Selvan was one of the Expert members of the National Medical Commission (NMC) regarding scrutiny/review of compliance report and SAF provided by the Medical colleges 2024. He is also the Divisional Coordinator for the National level IAP PG quiz organised by Indian Academy of Pediatrics (IAP).
- Dr Sriram Krishnamurthy is Section Editor of the pediatric nephrology section of the journal 'Indian Pediatrics'. He is an Executive member of the Editorial Board (Journal Committee) and member of the Advisory Board of the journal 'Indian Pediatrics' w.e.f. 7.1.2025 for 1 more year. He is an Expert group member for formulation of guidelines on management of Pediatric Acute Kidney Injury in resource constrained units by the Indian Society of Pediatric Nephrology (ISPN)'. The guidelines are in process. He is also an Expert group member for Revision of guidelines on Antenatal Hydronephrosis. These guidelines are in process too. He is also a member of the Indian Academy of Pediatrics (IAP) Ethics Committee.
- Dr. Reena Gulati is a member of WHO-ICMR committee constituted by GOI for developing guidelines for 'Immunodeficiency-related vaccine-derived poliovirus (iVDPV) surveillance'. She is a member of the 'Expert Group on Long Term Poliovirus Excretors in PID Cases in India', for policy formulation on national implementation of 'Immunodeficiency-related Vaccine Derived Polio Virus (iVDPV) Surveillance' in India.

  She is a member of group of experts for consultation for the implementation of new surveillance program being coordinated by WHO-India 'Expert Group Consultation on Long term Poliovirus Excretors in PID Cases in India'. She is also the 'Principal Coordinator' at JIPMER that has been designated as one of the sentinel centres in India for implementation of this surveillance program. She is a member (expert) of the inspection committee of the CDSCO (Central Drugs Standard Control Organisation-South zone), office of Deputy Drug Controller (I) for inspection of clinical trials.
- Dr Venkatesh C is a member of Indian Academy of Paediatrics, National Respiratory Chapter (IAPNRC) Research Committee since Feb 2024 and is involved in assisting and supporting IAPNRC in promoting research activities.
- Dr Bobbity Deepthi is currently the Editorial Member of ISPN Bulletin (an official publication and Newsletter of the Indian Society Pediatric Nephrology). She is also the section editor for ISPN Bulletin. She is also the scientific-in-charge person for Women-in Nephrology (WIN) Tamil Nadu and Puducherry chapter for the year 2024-2026 and organises monthly scientific sessions (webinars) as a part the committee. She is also the Editor of the journal BMC Pediatrics. She is also the member of Publication and Biostatistics committee of the WIN-India.
- Dr Sudarsan is a core expert group member for formulation of the revised national guidelines on Antenatal Hydronephrosis and the ISPN national guidelines on the management of acute kidney injury (AKI) in children.

Member in constituted Institute Committees

Prof Niranjan Biswal is the chairman of quarters allotment committee. He is also a member of Institute General body and disciplinary cell committee for Junior and Senior Residents. He is also the chairperson for committee set up to frame rules and regulations for campus internet and rental shops in JIPMER campus.

Dr Narayanan is a member of the equipment requirement review committee (ERRC). Dr Narayanan is also a member of the antimicrobial stewardship (AMSP) committee. He was also made a member of the Innovation and Development Projects review Committee. Dr Narayanan is also the chairman of the OPEX committee and Vice Chairman of the HSAPC committee.

Dr. Gunasekaran D is a Member of the Institutional Human Ethics Committee (Observational), JIPMER, Puducherry, from 16th June 2022.

Dr Sriram Krishnamurthy is serving as Member of the JIPMER Scientific Advisory Committee (JSAC) since 2019 till date. He was also appointed as President of Jury for a PhD Viva-Voce held on 18.10.2024 in JIPMER, Pondicherry. He is also an Observer to the Postgraduate Research Monitoring Committees (PGRMC) of the departments of Neurosurgery, Neurology and Endocrinology as appointed by the Dean (Research) office.

Dr. Reena Gulati is a Member of the JIPMER Scientific Advisory Committee (JSAC). She has been a member of the 'Hospitals stores articles purchase committee' (HSAPC) of JIPMER for part of the year. She is the Deputy Warden of Blackwell Postgraduate ladies' hostels I and II. She is also a member of the 'Anti-ragging committee' of JIPMER and a member of the 'Institute Hostels Mess Committee'. She was appointed as President of the Jury for the PhD viva voce held in Department of Pathology, JIPMER, on 27. 01.2025.

Dr Nivedita Mondal is a member of the HSAPC.

Dr Venkatesh C is a member of PhD Research Monitoring Committee.

Dr Jaikumar G.R was a member of scientific committee for research day celebrations 2025.

Dr Bobbity Deepthi is currently the nodal officer for POCSO related cases from Department of Pediatrics. She is the nodal officer from the Department of Pediatrics for the JIPMER website committee. Member of Integrated modular teaching committee constituted by Dean Academic for the phase III MBBS-Integrated modular teaching.

Dr Sudarsan is the Fire and life safety departmental coordinator (FSDC) for the dept. of Paediatrics and he is also the member Secretary of the Departmental PGRMC and Assistant Member Secretary of the Undergraduate Research Monitoring Committee (UGRMC).

Dr Sivamurukan P was selected as one of the Board of Medical Experts for certifying Brain Stem Death at JIPMER, Puducherry.

Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies

Dr Gunasekaran D is a Member of the Pondicherry state committee for "Adverse Events following Immunization".

Dr Sriram Krishnamurthy is Executive member of the Editorial Board (Journal Committee) and Advisory Board of the journal 'Indian Pediatrics' (tenure extended for 1 year on 7.1.2025), official journal of Indian Academy of Pediatrics, and Section editor of the nephrology section of the journal). He was appointed by Pondicherry University as a member of the Inspection Committee for affiliation of postgraduate courses of Pondicherry University on 17.3.2025. He is a member of the Indian Society of Pediatric Nephrology (ISPN) Registries committee. He is also a member of the Indian Academy of Pediatrics (IAP) Ethics Committee.

Dr. Reena Gulati is a member of Institute Ethics Committee, Human (IHEC) of the Pondicherry University, Pondicherry. She is also a member of the 'Women Cell' of Pondicherry University that attends to the grievances of the women employees and students of the University. She is a member of the ISAC (Institute Scientific Advisory committee, Human) of the All India Institute of Medical Sciences (AIIMS), Bilaspur. Dr. Reena Gulati was appointed as Member of the 'Committee for recruitment of faculty in Pediatrics on regular basis at AIIMS Bilaspur. She also acted as Member, Committee for regular faculty recruitment in different disciplines for ANIIMS (Andaman and Nicobar). She also acted as chairperson and expert consultant for evaluation of 'Research proposals in Genetics' submitted for grant of funds from the 'Chief Minister's Research Grant (CMRG), 2024-2025', Directorate of Technical Education (DoTE), Govt. of Tamil Nadu. She was appointed by Pondicherry University as a member of the Inspection Committee for affiliation of postgraduate courses of Pondicherry University, conducted on 18.3.2025.

Department of Paediatric Surgery

Faculty List

Head of the Department

- Dr Bikash Kumar Naredi

Professors

- Dr Bibekanand Jindal
- Dr Kumaravel S
- Dr Bikash Kumar Naredi
- Dr Krishna Kumar G

Assistant Prof

- Dr.Vidhya G

Departmental Highlights of the Year 2024-25

The increase in operating days from 5 to 6 days a week has enabled the expansion of robotic surgery to infancy, taking the procedural tally to beyond 500 procedures. The unit is also an established centre for shunt surgery for portal hypertension. Specialised procedures such as Neonatal thoracoscopy (Diaphragmatic hernia, lobectomy and mediastinal cyst excision), Liver resection (Hepatoblastoma), and Bladder Exstrophy repair, which are not performed in the nearby centres, are carried out in the Department.

Educational Courses

- Undergraduate: MBBS
- Postgraduate :
- M.Ch. Pediatric Surgery 6 year post MBBS
- MCh (Pediatric Surgery) post MS

Departmental Activities for the Year

Organised Conference/ CME/ Workshop

1th Master class in Peidatric Thoracic surgery organized in JIPMER from 29-31 March 2024 (MCPTS 22024)

The MCPTS 24 was successfully organized by the Department of Pediatric surgery under the aegis of JPSAAS (JIPMER Pediatric surgery Alumini Academic Society . More than 100 delegates and Faculty participated in the event. This workshop brought the Department of Pediatric Surgery to the international limelight.

The department has its own alumni society, which is registered under the name JIPMER Pediatric Surgery Alumni Academic Society(JPSAAS) having twenty four members spread across India

Faculty conference participation –

Dr. Bikash Kumar Naredi :

1. Presented paper on innovative technique of vesico-scopic Urteric reimplantation in IPEG (International Pediatric Endoscopic Surgeons Group) in May 2024 at Las Vegas .
2. He was invited as a faculty member of the Pediatric Urology Annual Conference in September 2024 at Kolkata, where he presented a video on Bracka's Urethroplasty.
3. He has also been invited as Faculty for IAPSCON 2024 at Rishikesh. Invited as Faculty in EAT (1St Esophageal atresia and Tracheo esophageal fistula 2024 at AIIMS Bhatinda demonstrated video of Reverse gastric tube replacement of oesophagus.
4. Invited faculty in Master Class Pediatric Hepatobiliary conference at AIIMS Jodhpur Author of One of paper presented by resident and won 1st Prize.
5. Member in the board of study for pediatric surgery at AIIMS Bhatinda and AIIMS Patna.

Co-ordinator of ARISH Centre of Excellence for Pediatric Robotic surgery

Dr. Bibekanand Jindal

1. Attended and actively participated in 12 th Annual conference of the society of Pediatric Urology (SPUCON 2025) held at Kolkata from 30 th August to 1 st September 2024.
2. Attended and actively participated in the 1 st conference of Esophageal atresia and Tracheoesophagel fistula (EAT 2025) held at AIIMS Bathinda from 20 th March to 22 nd March 2025
3. Attended and actively participated as Guest faculty in the workshop Systemic Reviews and Networking Support in Health (SARANSH) for Regional Capacity Building in systemic Reviews in India held at AIIMS Delhi from 18 th - 22 nd December 2025.
4. Attended, delivered a lecture on Robotic in Pancreatic Surgery and actively participated in the PESICON 2025, the 20th Annual conference of PESI-IAPS held at Amrita Institute of Medical Sciences, Kochi, Kerala from 14th - 16th February 2025.
5. Attended and actively participated in the 6 th Annual conference of association of Pediatric Surgical oncology (APSOCON 2024) held at SGPGIMS, Lucknow on 28th, 29th September 2024
6. Attended, deliver a talk and Chair a session in the Master class in Pediatric Hepatobiliary Surgery

(MCPHS) 2024 held at AIIMS, Jodhpur from 3 rd October 2024 to 5 th October 2024.

7. Attended and actively participated in the 23 rd Annual Conference of Tamilnadu- Pondicherry chapter of IAPS held at CMC Vellore 18 th July to 20 th July 2024.
8. Attended, presented a Video on Robotic assisted choledochal cyst surgery and actively participated in Annual conference of International Pediatric Endo surgery Group (IPEG 2024) held from June 19 – 21, 2024 at the Green Valley Ranch Resort Spa & Casino in Henderson, Nevadaat Las Vegas.

Dr. Kumaravel S

Member of PhD RAC Committee FOR 2 STUDENTS

- Winner of two awards at an International Level Event, World Congress of Endoscopic Surgeons 1. Best Paper Award, 2. Best Poster award, both based on the advanced Robotic Surgery carried out in children including infants
- Publication of Chapter titled "Pediatric Robotic Pyeloplasty" in an exclusive textbook of Minimal Access Surgery for Pediatric Surgeons.
- Obtained Fellowship of Advanced Laparoscopic Surgery for Robotic surgery
- External Expert for Specification Vetting Committee for Multi-Desciplinary Surgical Robot purchase by AIIMS, Mangalagiri

Dr. Krishna Kumar G

Dr Krishna Kumar chaired a session in the annual (International Hepato Biliary Pancreatic Association) IHBPA Pondicherry 4-6 April 2024. He was the organising secretary for the Reviewer Training workshop held on line, 14 July 2024. As faculty in the Tamilnadu Pondicherry Pediatric Surgeons meet held at Vellore, 18-20 July 2024 he chaired a session. At the national meeting of the Association of Colo Rectal Surgeons of India (ACRSICON) held in Chennai, 19-21 Sep 2024 he chaired a session. He presented a paper on the role of Transit time in PUJ Obstruction at the annual Italian Congress of Pediatric Surgery, Padua, 17-19 Oct 2024. As invited faculty he chaired a session at the national conference of the IndianAssociation of Pediatric Surgeons (IAPSCON 2024), Rishikesh, 7-10 Nov 2024. He spoke onthe recent advances of Minimal Access Surgery in Neonates as invited speaker at theNeonatology Conference (NEOCON 2024), Mamallapuram, 6-8 Dec 2024. He was the organising secretary for the CME on Pediatric Surgery in Tropics, Chennai 25 Jan 2025. He was involved in the annual conference of the Pondicherry state chapter of Association ofSurgeons of India (Ponsicon 2025), 30 Jan-1 Feb 2025. He was invited to judge a session at the Institute Research Day, Pondicherry, 15 Feb 2025. As faculty he delivered a talk on abdominal emergencies at the national meeting of the NAPEM (National Academy of Pediatric Emergency Medicine), Trivandrum 28 Feb 2025.

Vidhya G

Joint as Assistant Professor of Pediatric Surgery in January 2024. Attended IAPSCON(Indian association of Pediatric Surgeons conference) 2024 at AIIMS Rishikesh. She presented Paper in PESICON2024 at Amrita Institute of Medical Science, Kochi, and was awarded 1st prize. She also attended annual conference of Tamil Nadu and Pondicherry pediatric surgeon's Society at CMC vellore.

Major events in Department:

Visiting Professor

Dr. Rajender Saoji: Prof And HOD Pediatric surgery GMC Nagpur

New services started

Laparoscopic Fundoplication for GER. VAT assisted Lobectomy and Thoracoscopic lobectomy.

Sclerotherapy and embolization of Vascular Malformation with collaboration with intervention radiology.

3 D laparoscopy surgery for complex Pediatric surgical procedure

Thoracoscopic Lobectectomy

Robotic Pediatric surgery

Pediatric Urinary Tract Stone Management with PCN and URS as Department-Purchased PCNL set and Ureterorenoscope

New academic course started

6 M.Ch Pediatric Surgery one intake per year

Awards and Honours

Dr. Bikash Kumar Naredi nominated as study board member for pediatric surgery at AIIMS Patna and Bhatinda

Administrative Assignments

(include under the following headings)

- Dr. Bibekanad Jindal: Chairman IAPS- SOS and O/I JIPMER guest House, O/I Multidisciplinary Robotic Surgery Unit, O/I Guest House, Member Vidyalaya Management Committee of Kendriya Vidyala No 1
- Dr. Kumaravel is DMS of SSB block
- Dr. Bikash Kumar Naredi is O/I of Student Cafeteria committee, DMS EMS, Member of JIPMER Official Language Implementation Committee, Member of CCTV camera Installation committee. Officer in Charge of Student Cafeteria. Elected as president of

JFA 2024-25. EC member in RIPSS (Research section of IAPS)

- Dr. Krishna Kumar G

  Dr Krishna Kumar was an office bearer (Executive Committee member & Academic Co-Ordinator) in the state chapter of the Association of Surgeons of India during the year 2024-25. He is the officer in charge of Central Stores and is the chairman of the linen condemnation committee.

- Vidhya Gunasekaran: Member of the Tamil language teaching committee for new joining students

Department of Pathology

Faculty List

Professor & Head

- Dr. Rakhee Kar (July 2022-June 2025)

Senior Professor

- Dr. Surendra Kumar Verma (Retired on Feb 28, 2025)
- Dr. Bhawana Ashok Badhe
- Dr. N. Siddaraju

Professor

- Dr. NG Rajesh
- Dr. Pampa Chi Toi
- Dr. BH Srinivas

Additional Professor

- Dr. J. Sreerekha
- Dr. Debasis Gochhait
- Dr. M. Prabhu

Assistant Professor

- Dr. Kanwalpreet Kaur
- Dr. Rashmi P Joshi
- Dr. Kaniyappan Nambiar
- Dr. Sanjay Sriram S

Departmental Highlights of the year 2024-25

The department conducts regular clinicopathological meets. JIPMER Puducherry was awarded as best DIAMOnDS centre in DHR-ICMR Research Excellence summit 2024 held on 14th November 2024 at New Delhi. Several workshops and CMEs were organised by the department in this period. Dr. Rakhee Kar was awarded the Dr. J. G. Parekh oration at Haematocon 2024 in Nagpur. Dr. BH. Srinivas was awarded as a faculty at the "Usha Hardas Memorial Infectious Disease Symposium at the APCON 2024 held at Cuttack from Dec 2024. Dr. Rajesh was awarded the faculty research award in basic sciences at 10th annual Research Day in JIPMER on 8th March 2025.

Educational Courses

- Undergraduate course: MBBS
- Postgraduate courses: MD (Pathology), M.Sc. MLT (Pathology)
- Subspecialty courses: PDCC (Hematopathology), PDCC (Nephropathology)
- Ph.D programme: Ph.D (Pathology),
- Other allied courses: BLMS, B.Sc (AHS), MRT/ MRO

The department provides postgraduate training in M.D. (Pathology), M.Sc. MLT Pathology, and also has a Ph. D programme and the Postdoctoral certificate courses in Hematopathology and Nephropathology. The Department also provided training in Pathology to undergraduates (MBBS); B. Sc., MLT and other B.Sc. Allied science. The department also provides training to other PG courses like Transfusion Medicine, Forensic Medicine, Dermatology, Medical Oncology, Pulmonary Medicine. In the current year, five PhD scholars completed their final public viva-voce examination and four residents obtained their MD degree, 5 MSc MLT students completed their training and one student each completed PDCC Hematopathology and PDCC Nephropathology. As on 31st March 2025, the department has one student pursuing PDCC Hematopathology and one student pursuing PDCC Nephropathology, 25 students undergoing training for M.D (Pathology) and 10 students in MSc MLT Pathology.

Departmental Activities for the Year

Organized conference/ CME/ workshop

1. Workshop on biopsy and tissue processing on June 28th JIPMER as part of JIPMER Connaissance 2024.
2. 6th Annual International CME of Pediatric Pathology Under the aegis of "Association of Paediatric Pathologists of India" held from 16th-18th August 2024. Workshops on CD34 stem cell enumeration and pediatric small round cell tumours were held on 18th August 2024 as a part of above CME.
3. Hands-on workshop on Polymerase chain reaction and Reverse transcriptase Polymerase chain reaction in DIAMOnDS laboratory from 30-31st August 2024.
4. DIAMOnDS symposium on automation and quality management in immunohistochemistry on 25th Nov 2024 at JIPMER.
5. Workshop on laboratory diagnosis of haemophilia and bleeding disorders conducted at JIPMER, Puducherry from 5th to 7th December 2024.
6. "CME on Lung Cancer" on 25.02.2025 at JIPMER, Puducherry under the aegis of National Academy of Medical Sciences, ISSLC, and DIAMOnDS project

Faculty conference participation:

Dr Rakhee Kar was an invited faculty at "Hands on workshop on morphology-the cornerstone of Hematopathology" on 28th-29th March 2025 organized by Department of Pathology, MGMCRI, Puducherry and delivered a talk on "Importance of scientific writing for a newbie", at National Hematology Update XIII & Alumni meet 2025 on 31st January-2nd February 2025

organized by Department of Hematology, AIIMS New Delhi and delivered a talk on "Case-based discussion for ICC vs WHO classification for AML/MDS", at 72nd annual conference of IAPM (APCON-2024) held from11th–15th December 2024 at Cuttack Odisha and was a resource person in a preconference workshop on "Diagnostic utility of IHC in bone marrow trephine biopsy: a case based analytical approach. She was organizing chairperson and faculty in a workshop on laboratory diagnosis of hemophilia and bleeding disorders conducted at JIPMER Puducherry from 5th-7th December 2024. She was an invited faculty at 65th National conference of ISHBT, Haematocon 2024 at Nagpur from 7th-10th November 2024 and was a resource person in a workshop on Coagulation in AIIMS Nagpur on 7.11.2024 and delivered a talk on "History taking and clinical approach in a case of bleeding disorder" and delivered the Dr. JG Parekh Oration on "Setting up a contemporary coagulation lab: Challenges and the way forward" on 8.11.2024, at the 14th Annual Congress of Odisha Hematology (ODHECon-2024) held from13th–15thSeptember 2024 at Cuttack Odisha and was a resource person in a preconference workshop on ALL MRD and a moderator for a session in the conference titled "Engaging Lab Hematologists; Lets Enjoy". She was part of organizing team for "6th Annual International CME of Pediatric Pathology under the aegis of "Association of Paediatric Pathologists of India" held from 16th-18th August 2024 at JIPMER Puducherry and moderated a session on "Lymphoma mimics in children: A case-based approach" and was resource person in a workshop on CD34 stem cell enumeration. She delivered a talk "What's new in AML classification (WHO 2022 vs ICC)" in Workshop on Clinical & Research Perspective in Leukemia [with focus on AML] held on 26th & 27th July 2024, JIPMER, Puducherry. She delivered a talk "Diagnosis of Hemoglobin Disorders-A Regional Perspective" as an invited faculty in Institute Day CME "Pathology-past, present and future" under TNPCIAPM held at Madras Medical College, Chennai on 7.06.2024. She took a session on "Bone marrow aspirate-A few uncommon and diagnostically challenging cases" as part of OTPPGP on 10.04.2025, 6 pm IST, presented an ISHBT Master Class, on "Diagnostic approach to pancytopenia: A case-based learning" on 17th January, Friday, 7 pm IST and moderated two talks Recent Updates on Myeloid and Lymphoid Neoplasms with Eosinophilia and Diagnostic Approach to Hypereosinophilia in a live Webinar on Clinical Aspects of Eosinophilia of the International Eosinophil Society on Wednesday, 7 August 2024 6:30 pm – 9:30 pm IST on online platform.

Dr. Surendra Verma was the organising chairperson for the "CME on Lung Cancer" on 25.02.2025 at JIPMER, Puducherry and delivered the introductory address.

Dr. Bhawana Ashok Badhe participated by organizing national conference as member of organizing committee for JIPMER Alumni Meet on 15.8.24 and The Sixth Annual International CME of Pediatric Pathology (APPI), JIPMER on 16.8.24. She delivered lecture in APPI CME on the topic, "Pediatric head and neck tumours". Attended conferences as faculty for chairing sessions in 10th International Yoga Day celebrated on 21st June 2024 at JIPMER. Additionally, she attended," DIAMOnDS symposium on Automation and quality management in IHC as resource faculty and chaired a session as Panelist in 13th AOGIN National conference at JIPMER on 5th Oct 24.

Dr. N. Siddaraju moderated a "Head and Neck Pathology" session at the Annual Conference of Pediatric Pathology organised by the Department of Pathology at JIPMER, Puducherry from 16-08-2024 to 18-09-2024. He delivered a guest lecture on "Endoscopic Ultrasound-Guided Fine Needle Aspiration Cytology of Pancreaticobiliary Lesions" at the UPCYTOCON organised by the Department of Pathology, Institute of Medical Sciences, Banaras Hindu University on 14-09-2024. He participated in a symposium on "Advances in the Diagnosis and Management of Thyroid Cancer" in the "International Conference on Cancer Diagnosis and Management" held on 20-09-2024 and 21-09-2024 at Sapthagiri Institute of Medical Sciences and Research, Bangalore. He conducted a workshop on cervical cytology, where he spoke on "Interpretation of Glandular Lesions on Cervicovaginal Cytology" at the Annual Conference of Gynaecology organised by the Department of Obstetrics and Gynaecology at JIPMER, Puducherry on 04-10-2024. He delivered a guest lecture on "Fine-Needle Aspiration Cytopathology of the Breast with Special Reference to the Grey-Zone Categories of the Yokohama System" at ESIC, Chennai. He conducted an NBEMS Pathology webinar entitled "Breast Cytology with Emphasis on the Yokohama System of Reporting" on 22nd October 2024. He participated in the pre-conference CME on "Thyroid Cytopathology" and spoke on "Papillary Thyroid Carcinomas- Easy but not so Easy". He chaired the prestigious "Nalinibai Thakkar Award" session in the CYTOCON 2024, organised by the Department of Pathology, All India Institute of Medical Sciences, Jodhpur, from November 2024. He also spoke on "Cytology of the Papillary Lesions of Breast" in the post-conference workshop conducted during the CYTOCON-2024. He participated as a guest faculty in the WORKSHOP CUM CME on Hematology and Cytology organised by the Department of Pathology,

Indira Gandhi Institute of Medical Sciences, Patna on the 18th and 19th of January 2025.

Dr. Rajesh NG served as the organizing co-chairperson and faculty for the 6th Annual International CME of Paediatric Pathology and pre-conference workshop held by the Department of Pathology at JIPMER, Puducherry from 16th to 18th August 2024, where two Senior Residents under his guidance received first and second prizes for oral paper presentations. From 30th to 31st August 2024, he conducted a hands-on workshop on Polymerase Chain Reaction and Reverse Transcriptase Polymerase Chain Reaction in the DIAMOnDS laboratory. In October 2024, he was faculty and chairperson, conducting a panel discussion during the AOGIN India 13th National Conference and pre-conference workshop at JIPMER, Puducherry from 3rd to 5th October 2024. On 23rd November 2024, Dr. Rajesh was an invited faculty member, delivering guest lectures and leading a slide seminar at "Pathology 4.0 – The Digital and AI Revolution" organized by AIIMS Madurai under the aegis of the Tamil Nadu and Pondicherry chapter of IAPM. On 25th November 2024, he organized and participated as faculty in the DIAMOnDS Symposium on Automation and Quality Management in Immunohistochemistry in the Department of Pathology at JIPMER. He delivered a talk on Artificial Intelligence in Renal Transplant Pathology for the Banff Digital Pathology Working Group on 14th December 2024. Continuing his academic engagement, he served as Organizing Secretary and faculty for the Continuing Medical Education on Lung Cancer under the auspices of the National Academy of Medical Sciences, ISSLC, and DIAMOnDS project at JIPMER on 25th February 2025. He delivered a guest lecture on the strengths and limitations of droplet digital PCR during the Research Day workshop on 4th March 2025 and, on the same day, presented oration "the Dr. Malathy Madhavan Endowment Lecture 2025" in the Department of Pathology, Dr. ALM Postgraduate Institute of Basic Medical Sciences, University of Madras, Chennai, on the topic "Circulating Tumor Cells in Diagnostic Pathology Practice." Additionally, throughout the year, he conducted multi-disciplinary PhD seminar programs every Friday as part of the teaching program for PhD scholars.

Dr. Pampa Ch Toi was invited as a Guest speaker in the Institute of Pathology, Madras Medical College, Chennai, for the Institute Day CME -2024 on the 7th and 8th June 2024 and spoke on "update on thyroid lesions". She was invited as a speaker for the Faculty Guest lecture program titled "A potpourri of cases of ovarian tumours" in Saveetha Medical College, Chennai on June 14th 2024. She was the faculty in charge and was a faculty in the workshop titled "Patient to Pathologist" as part of the CONNAISSANCE 2024, the National UG conference conducted in JIPMER on 28.6.2024. She also participated as faculty in a case-based multidisciplinary team (MDT) discussion during the Oncology Workshop at Connaissance 2024 on 29.6.2024 on the topic "Basics in Oncology". She was the moderator and faculty for the Interns orientation program at JIPMER on the topic "Rational diagnostics and Rational therapeutics" and delivered a talk on the topic of "Rational diagnostics" in August 2024.She was a part of organizing team for "6th Annual International CME of Pediatric Pathology under the aegis of "Association of Paediatric Pathologists of India" held from 16th-18th August 2024 at JIPMER Puducherry and was a panelist and a subject expert for the topic "Best practice: Rectal biopsies in Hirschsprung's disease- The Hidden Secrets". She was also the organizing secretary for the JIPMER Pathology Alumni Meet cum CME on 15.8.24. She was invited as a guest speaker to the CME & Workshop on GI Pathology & Neuropathology-2025 held in the Department of Pathology, Gauhati Medical College, Assam and delivered a talk on the topic "Diagnostic approach to duodenal biopsy" on 31st January 2025 and was a faculty in the workshop of GI pathology.

Dr BH. Srinivas was organising Secretary for the 6th Annual International CME of Pediatric Pathology under the aegis of "Association of Paediatric Pathologists of India" held from 16th to 18th August 2024 at JIPMER, Puducherry, and he delivered a talk on "Hematuria in Children" in the same. Final year Junior resident won second prize in original research studies in oral paper presentation under my guidance. Participated as Guest faculty in the 17th Annual National Conference and International CME of Renal & Transplant Pathology" (ISRTPcon 24) held at Jodhpur from Feb 22-24, he spoke on "Drug Induced Renal Disease". Participated as guest faculty at NPSICON 2025 Organised by Dept. of Pathology, AIIMS New Delhi from Feb 21-23. Senior resident won first prize for original research studies in oral paper presentation under my guidance. Additionally, he served as the resource faculty at the Neuromuscular Workshop under the aegis of Tamil Nadu and Pondicherry Chapter of IAPM (TAPCON 2024) held at Coimbatore from July 4-6, 2024 and spoke on Approach to Nerve Biopsy. Delivered a guest lecture titled as "Evaluation of Graft Nephrectomy Specimens" at ISOT 2024 Transplant Pathology CME held at Ahmedabad on October 20, 2024. Delivered a lecture in the CME- Pattern-based approach to kidney disease, conducted by Sri Balaji Vidyapeeth, Puducherry, on 1st July 2024. Participated as resource faculty at SGUP 2024 held at Mangalore from Sept 27-28 and spoke on Minimum Dataset for Reporting of "Pediatric

renal Tumors: Synoptic reporting & Multidisciplinary approach" and "Minimum Dataset reporting of Testicular Cancer Specimens with Updates in Testicular Tumours". He participated as resource faculty in the International Congress in "Urological oncology and Uropathology" held from 10-12 January 2025 at Bhubaneswar, Odisha. Also, participated as guest faculty at the first annual Bone & soft tissue conference held at Kolkata on October 19th in which presented interesting cases. Participated as Faculty in the "DIAMONDS Symposium on Automation and Quality Management in Immunohistochemistry" on 25th November 2024. Participated as a resource person at Bone & soft tissue Oncopathology conference & FISH Workshop held at CMC Vellore on 5th December 2024. He was faculty at Lung CME conducted by the Department of Pathology on 25.2.2025 and chaired a session

Dr. J. Sree Rekha was a faculty member at the workshop titled "Patient to Pathologist" as part of the CONNAISSANCE 2024, the National UG conference conducted in JIPMER on 28.6.2024. She was an invited faculty for a workshop titled, "Validation and banking of MCQs and OSCE/OSPE" at AIIMS, Kalyani on 2.8.2024. She was a part of the organising team and managed the scientific program for the Annual conference of Pediatric Pathology conducted by the Department of Pathology, JIPMER from 16.8.2024 to 18.8.2024, under the aegis of the Association of Paediatric Pathologists of India. She also presented an interesting case in the workshop on Pediatric soft tissue tumours at the same conference. She attended a hands-on workshop on PCR conducted by the Diamonds lab, in the Department of Pathology on 30.8.2024 and 31.8.2024. She delivered a guest lecture titled "Recent Updates in Carcinoma Breast" on the occasion of Breast Cancer Awareness Month at PATCON 2.0 CME on Oncopathology at Government Thiruvarur Medical College and Hospital on 9.10.2024. She was a guest faculty to conduct academic Sessions for postgraduates in Pathology at the Department of Pathology, GITAM Institute of Medical Sciences and Research (GIMSR), Vishakhapatnam on 24th and 25th November 2024. She was a resource faculty and delivered a talk titled, "Role of IHC in Biomarker Testing of Carcinoma Breast and Lung" at DiAmonds symposium on Automation and quality management in immunohistochemistry, sponsored by Roche Diagnostics on 25.11.2024. She attended the Bone and Soft tissue conference conducted by CMC Vellore from 6.12.2024 to 7.12.2024. She attended the Annual Meeting of the Dermatopathology Society of India conducted at Vishakhapatnam from 3.12.2025 to 5.12.2024. She was a resource faculty at the same conference and presented two cases in the Glass slide challenge session. She was a resource faculty and delivered a talk on "PDL1 reporting patterns and its therapeutic implications" in the Lung CME conducted by the Department of Pathology on 25.2.2025.

As a faculty member in the Department of Medical Education, JIPMER, Dr. J. Sree Rekha was a resource faculty at the following workshops

1. Basic course in Medical Education (BCME) and Curriculum Support and Implementation Programme III (CISP) from 24.6.2024 to 28.6.2024.
2. Advanced course in Medical Education (ACME) from 19.8.2024 to 26.8.2024.
3. 91st National course of Teachers Training (NTTC) from 23.9.2024 to 29.9.2024.
4. 92nd National course of Teachers Training (NTTC) from 10.2.2025 to 16.2.2025.
5. Advanced course in Medical Education (ACME) from 24.2.2025 to 2.3.2025.
6. NMC appointed observer for the CISP III program conducted at PIMS, Pondicherry on 2.12.2024 and 3.12.2024
7. NMC appointed observer for the CISP III program conducted at the Trichy SRM Medical College and Research Institute, Trichy on 19.3.2025 and 20.3.2025

Dr. Debasis Gochhait delivered a lecture in the CME - Approach to nodular lesions of thyroid, conducted by Sri Balaji Vidyapeeth, Puducherry on 19th July 2024. Conducted a Workshop in Cervical cytology and HPV testing (AOGIN-2024) organized by the OBG department, JIPMER, Puducherry, 5th October 2024. Also conducted a Workshop on Ancillary methods in FNAC at CYTOCON 2024, organized by AIIMS, Jodhpur on 18th November, 2024. Participated in the Symposium on automation and quality management in IHC, conducted by the Department of Pathology, JIPMER, on 25th November 2024. Conducted a Workshop on Cell block & IHC in cytopathology at APCON 2024, organized by SCB Medical College, Cuttack on 11th December 2024. Presented two interesting cases in dermatopathology in the Annual meeting of the Dermatopathology Society of India conducted by DSI, Visakhapatnam from 3rd -5th January 2025. He also attended the Workshop - 10th basic molecular pathology workshop, conducted by Tata Medical Centre, Kolkata, from 23rd-28th September 2024, and the Conference on bone and soft tissue oncopathology-2024, organised by CMC Vellore on 6th and 7th December 2024.

Dr. M. Prabhu presented a poster titled "A study of clinicopathological characteristics of ETP-ALL diagnosed by applying TCCSG flow cytometry-based scoring system" in the International Society of Laboratory Hematology (ISLH) annual conference conducted in Nantes, France. He was invited as a guest

speaker to deliver a talk on "Flow cytometry in Acute leukemias" in Mahatma Gandhi Medical College and Research Institute, Puducherry, "Approach to acute leukemia" in Sri Venkateshwaraa Medical College Hospital, Puducherry, 65th Annual Conference of Indian Society of Haematology and Blood Transfusion "HAEMATOCON 2024" to deliver a talk "Peripheral smear – Science or art" in Nagpur, "Approach to pancytopenia" in Saveetha Medical College, Chennai. He had conducted the workshop on 'CD34 stem cell enumeration by flow cytometry' in "Annual Pediatric Pathology Conference" and organised a workshop on "Coagulation work-up in bleeding disorders" under the aegis of Pondicherry Chapter of ISHBT. He was invited as a faculty member for conducting the "Flow cytometry workshop for measurable residual disease in ALL" in "National Hematology Update – XIII" held in AIIMS, New Delhi and "Morphology – the cornerstone of Hematopathology" on March 28-29, 2025 which was held in Mahatma Gandhi Medical College and Research Institute, Puducherry.

Dr Kanwalpreet Kaur was faculty and part of organising team in the CME on lung cancer and was the quiz master at the quiz session. The CME was conducted by the Department of Pathology, JIPMER, Puducherry.

Dr Rashmi P Joshi presented a case, "Teratoid Wilms", in an interesting case presentation session at the 6th Annual International CME of Pediatric Pathology, held on 17th August 2024 in JIPMER, Puducherry organised by the Department of Pathology, under the aegis of the Association of Paediatric Pathologists of India. Additionally, she was part of the scientific committee and also delivered a talk on the "WHO system of reporting lung cytopathology" on 25th February 2025 at a CME on lung cancer conducted by the Department of Pathology, JIPMER, Puducherry under the aegis of NAMS, ISSLC and DIAMOnDS project. She has co-organised a workshop on "Coagulation work-up in bleeding disorders" under the aegis of the Pondicherry Chapter of ISHBT.

Dr. Kaniyappan Nambiar delivered a talk titled "Lymphoma Mimics in Children: A Case-Based Approach" at the 6th Annual International CME of Pediatric Pathology, held on 17th August 2024. The event was organised by the Department of Pathology, JIPMER, Puducherry, under the aegis of the Association of Paediatric Pathologists of India. Additionally, he moderated a session "Panel Discussion: Unravelling Fascinating Cases – Insights & Expert Perspectives" on 25th February 2025 at a CME on lung cancer conducted by the Department of Pathology, JIPMER, Puducherry under the aegis of NAMS, ISSLC and DIAMOnDS project.

Dr Sanjay Sriram S presented two cases, titled "Mimickers of lymphoma in adults", in an interesting case presentation session at the 6th Annual International CME of Pediatric Pathology, held on 17th August 2024. The event was organised by the Department of Pathology, JIPMER, Puducherry, under the aegis of the Association of Paediatric Pathologists of India. Additionally, he delivered a talk on "From Scan to Slide: Tackling difficult lung cancer cases Together" and was the quiz master at the quiz session. He co-organised this CME on lung cancer conducted by the Department of Pathology, JIPMER, Puducherry. He delivered a talk on "Dermpath Basics: Spongiotic reaction pattern" at the 27th annual conference by the Dermatopathology Society of India (DSI), held on 3rd January 2025 at Visakhapatnam.

Participation in health camps/ public health awareness/ education programme

Dr. Debasis Gochhait: The cytology section is active in helping and screening for cervical carcinoma screening program conducted by other departments (Obs &Gyn & Preventive medicine)

Major events in Department

i. Visiting Professor: Dr. Manisha Mishra, a former alumna and currently Assistant Professor at Ohio State University, USA, visited the department and gave a guest lecture on Diagnosis of mediastinal lesions by endobronchial ultrasound guided FNAC on 21.01.2025.
ii. New services started: Few high-end tests have been added / standardized in some labs.
iii. New academic course started: Nil
iv. Awards and Honours

Dr. Rakhee Kar was awarded the Dr. JG Parekh Oration at Haematocon 2024 held in Nagpur on 8.11.2024 and delivered an oration talk on "Setting up a contemporary coagulation lab: Challenges and the way forward"

Dr. Rajesh NG was awarded as principal investigator for the best DIAMOnDS centre by Department of Health Research – Indian Council of Medical Research in the DHR-ICMR Research Excellence summit 2024 held on 14th November 2024 at New Delhi. He was awarded by JIPMER, Puducherry for the Best Faculty Researcher in the Basic Sciences category for the year 2024-2025, in the 10th Annual Research Day program held on 8th March 2025. Furthermore, he delivered the Dr. Malathy Madhavan Endowment Lecture 2025 in the Department of Pathology, Dr. ALM Postgraduate Institute of Basic Medical Sciences, University of Madras, Chennai on "Circulating tumor cells in Diagnostic Pathology Practice" on 4th March 2025.

Dr BH. Srinivas: The Indian Association of Pathologists and Microbiologists (IAPM) is pleased to award a certificate of appreciation for being a faculty at the "Usha Hardas Memorial Infectious Disease Symposium titled "Opportunistic Infections in renal allograft recipients" at the APCON 2024 national Pathology Conference held at Cuttack from Dec 12-15, 2024.

Administrative Assignments

Dr. Rakhee Kar was responsible for administration of the department including the conduct of faculty and department meetings. She was involved in procurement of several equipment and consumables in this period and in the renewal of CAMC orders. She was part of several institute purchase committees in the capacity as HOD Pathology. She oversaw the posting of staff in various sections and the regular conduct of various academic programmes. She was a member of ETP committee and NTEP committee. She served as subject expert for faculty recruitment/promotion in other INI. She continued as Editor in chief of IJHBT and as an Associate Editor of Journal of Hematology and Allied Sciences.

Dr. Bhawana A. Badhe was the Chairman of the Disciplinary Committee for UG and JRs at JIPMER. She is also the chairman of the tissue Biobanking committee at JIPMER, a member of the Institute Biosafety Committee, a member of the Departmental Promotion Committee, Chairperson for transfer policy for medical laboratory technologists, nominated observer for PG RMC2025 and a nominated member of the board of studies for undergraduates. She was the Officer-in-Charge of the Hindi cell for 3 months. She has conducted a science camp and a spirituality session. She is nominated as a member of the Board of Studies for AIIMS, Madurai. She is nominated as external expert for conducting interviews for faculty posts in AIIMS, Madurai. She is a Member of Neoadjuvant Vs Adjuvant Gastric Adenocarcinoma Phase 3 Multicentric Randomised control trial. She is involved in Duties for other Institutions by being an Expert committee member for onsite physical inspection in the medical college, Port Blair, Subject expert for interview for the Post of Professor for AIIMS Raipur, Subject expert for interviews for assistant professor in AIIMS New Delhi.

Dr. N Siddaraju was in charge of the JIPMER Equipment Condemnation Committee and was also a member of the AC Committee, JIPMER, Puducherry. He is also an Editorial Board Member of the Journal of Cytology and a reviewer for the Diagnostic Cytopathology, Cytopathology, Journal of Cytology (JOC), and the Indian Journal of Medical Research (IJMR). He was a member of the Board of Studies for Postgraduate courses at JIPMER and the Board of Studies for the B.Sc. MLT courses at the University of Pondicherry.

Dr. NG Rajesh was officer in charge of Central Research Facility, a member of Biomedical Engineering division, a member of JIPMER scientific advisory committee and was the OBC Liaison officer. He supervised the day-to-day administration of the DIAMOnDS lab including all procurements related to the lab.

Dr Pampa Ch Toi is the chief course coordinator of the JIPMER BSc AMS course. Additionally, she is one of the officers in-charge of the MBBS Pathology academic activities, hostel warden of Aschoff House, Chairman of the Legal Services Clinic Committee for the Northeastern Students, Officer in Charge-Housekeeping services, Member secretary of guest house committee, Member of the Academic Advisory Committee, Member of the Library committee and Member of various interview panels in the Institute

Dr BH. Srinivas has been the Assistant Purchase Officer of the Institute from April 2023 to date. He is also the Secretary for the Institute OPEX Committee, Member of the Institute Pneumatic tube system & House allotment Committee, Coordinator for the Institute Clinico-pathological Conference (CPC). He is elected as Vice President of Tamil Nadu & Pondicherry Chapter (TN&PC-IAPM) of the Indian Association of Pathologists and Microbiologists from January 2025 Onwards. He was an Executive member of the Indian Society of Renal & Transplant Pathology (ISRTP) and an Associate Editor of Clinical Pathology & Research Journal (CPRJ). Also, he is reviewer for various journals such as Indian Journal of Nephrology (IJN), Urology, International Journal of Advanced Medical and Health Research (IJAMR), International Journal of Surgical Oncology, Indian Journal of Pathology & Microbiology (IJPM), and Indian Journal of Asian Journal Of Neurosurgery (AJN).

Dr. J. Sree Rekha is Officer in charge of the MBBS course in the Department. She is also a Faculty at Department of Medical Education and Member of Institute Ethics committee (IEC) – Observational Studies, JIPMER. Additionally, she is Associate editor of the Indian Journal of Dermatopathology and Diagnostic Dermatology (IJDPDD) and South Zone representative of the Dermatopathology Society of India (DSI)

Dr. Debasis Gochhait: He has been a library committee member for the last four years. He has been the department coordinating officer for the MSc MLT pathology course for the last 2 years. Last year, he was included as a Member of the Institute Biosafety Committee (IBSC). He is also the associate editor for the JIPMER journal (International Journal of Advanced

Medical and Health Research). In addition to that, he has served as an external subject expert for the affiliation of various medical colleges of Puducherry on behalf of Puducherry University.

Dr. M. Prabhu served the Pondicherry Chapter of ISHBT as a Secretary cum Treasurer. He was appointed as one of the members in UGRMC, JIPMER. He was in-charge of B.Sc., Allied medical sciences and BLMS from the Pathology department and also in-charge for JIPMER website page for the Pathology department.

Dr Rashmi P Joshi is in-charge of the Department library of the Department of Pathology. Additionally, she supervises a 24/7 haematology lab in the SSB block and is one of the in-charge of Allied Medical Sciences and BLMS.

Dr.Kaniyappan Nambiar is one of the in-charges of the MBBS Pathology academic activities.

Dr Sanjay Sriram S is the junior MD co-ordinator and plays an active role in MD academic activities. Additionally, he is in charge of the Department Museum.

Department of Pharmacology

Faculty List

Professor & Head

- Dr. S. Manikandan

Professor

- Dr. M. Jayanthi

Additional Professor

- Dr. C. Girish
- Dr. Harivenkatesh. N

Associate Professor

- Dr. Kesavan. R
- Dr. Priyadharsini. R
- Dr. Mirunalini. R
- Dr. Suganthi. S

Assistant Professor

- Dr. Anusha. N

Senior Research Officer

- Dr. P.M.K. Reddy

Departmental Highlights of the Year 2024-25

The department faculty are involved in the orientation programs for MSc/MPH/PGD students and orientation for PhD scholars during the reporting year. Faculty members and residents presented papers in various conferences and have won prizes. Department faculty members published papers in indexed journals. Our MD residents have won second prize in Pharmacovigilance quiz at SoPICON 2025, AIIMS, Bhopal.

Educational Courses

The Department is running Master's programme in Pharmacolgy with three years duration.

Annually SEVEN students are admitted to the Department, through National level entrance examination.

Department has full-time PhD scholars and admission for PhD is also through National level entrance examination.

The Department also hold the responsibility of regular teaching of basic and clinical pharmacology, Applied and experimental Pharmacology nursing to the students of the following courses:

- Undergraduate Courses: MBBS, B.Sc. Nursing, and other allied courses including MRD/MRO course
- Postgraduate Courses: MD Pharmacology
- Trainees: Medical Records Officer / Medical Records Technician.
- Research Courses: PhD

Departmental Activities for the Year

Organised Conference/ CME/ workshop

1. Dr. C. Girish organized a workshop on Surgical training in micro vascular anastomosis in rats, collaboration with Dept of Neurosurgery, 4th and 5th January 2025
2. Dr. Priyadharsini. R organised the international workshop on "Pharmacogenetic variants testing using Real-time PCR" in the ISSCP 2024 programme conducted at Amrita School of Pharmacy, Amrita Vishwa Vidyapeetham, Kochi Kerala, India (Nov 28, 2024)
3. Dr. Mirunalini. R organized workshop on Digital Tools in Omics and Primer Designing Techniques conducted in the Department of Pharmacology, as a part of Connaissance 2024. She also organized CME on regenerative medicine and stem cells organised in the Department of Pharmacology
4. Dr Anusha N organised the 3rd National Workshop on Pharmacoeconomics (NWPE-2025), in the Department of Pharmacology on January 25 & 26, 2025.

Faculty Conference Participation

Delivered oration/ lecture in a CME/ symposium/ workshop

- Dr. S. Manikandan delivered a talk on "Introduction to Digital Tools in Omics" in the Workshop on Digital Tools in Omics and Primer Designing Techniques conducted as a part of Connaissance 2024 on 29.06.24. He was a resource person in the "3rd National Workshop on Pharmacoeconomics" organized by Dept of Pharmacology, JIPMER on 24th and 25th January, 2025, and delivered a talk on 'Pharmacoeconomic Modelling'.
- Dr M. Jayanthi participated as resource person for the session on 'Naïve to Mastery in writing Protocols with Precision' on 25.04.2024 in "ASPIRE- 8th Annual Sri Ramachandra Pharmacology Insight and Rapid Review course 2024' organised by SRMC&RI, SRIHER from 25th-29th April, 2024. She was a Resource person in 'Digital tools in Omics & Primer designing' workshop at Connaissance, Fifth International Undergraduate Medical Students' Conference held on 29th June, 2024 and gave a talk on 'Introduction to primer designing'. She delivered an invited guest lecture online on 'Clinical applications of TDM (Anticancer drugs/antimicrobials)' at the CME on 'Fundamentals of Therapeutic Drug Monitoring'organized by Dept of Pharmacology, Sri Manakula Vinayagar Medical College and Hospital, Puducherry on

November 18th 2024. She was an invited speaker in 3rd National Conference of National Association of Pharmacology & Therapeutics, NAPTICON' held on 22nd and 23rd November 2024 at AIIMS, Nagpur and delivered a talk on 'CRISPR-Cas9 Gene editing therapy for sickle cell disease: moving from the bench to the bedside. She was a Resource person in the "3rd National Workshop on Pharmacoeconomics" organized by Dept of Pharmacology, JIPMER on 24th and 25th January, 2025, delivered a talk on 'Cost-effectiveness analysis'. She gave a lecture on 'Roles and Responsibilities of Ethics Committee in Clinical Trials Including Confidentiality and Privacy'in the Workshop on "Good Clinical Practice(GCP)" Organized by Departments of Clinical Pharmacology, Pharmacology & Medical Oncology , JIPMER for ICMR scientists and staff on 3rd Jan, 2025

- Dr. C. Girish - Resource faculty: Orientation programme in research methodology & Ethics for MSc/MPH/PGD students, 7-9, Nov, 2024, NTTC hall, JIPMER.
- Dr. R. Kesavan participated in the Connaissance conference as a Resource person and delivered lecture in the Digital tool in Omics workshop on 29.06.2024
- Dr. Priyadharsini. R gave a talk on "Scientific research and ethics" on the occasion of PHARMA ANVESHAN 2025, conducted at SMVEC- Pharmacy College (Mar 6 2025). She delivered a lecture on "Precision Cardiology: Harnessing pharmacogenomics for enhanced efficacy and patient safety with anti-platelet therapy" in the ISSCP 2024 programme conducted by Amrita School of Pharmacy, Amrita Vishwa Vidyapeetham, Kochi Kerala, India (Nov 29, 2024). She participated in the panel discussion on "Challenges in cardiopharmacogenomics implementation" in the ISSCP 2024 programme conducted by Amrita School of Pharmacy, Amrita Vishwa Vidyapeetham, Kochi Kerala, India (Nov 29, 2024). She also gave a talk on "Compensation and funding in clinical trials" in the National CME on 'Recent advances on good clinical practice' conducted by the Department of Pharmacology, Government Thiruvannamalai Medical College and The Tamilnadu Dr. MGR Medical University (April 8, 2024). She also delivered lectures at the 3rd National Pharmacoeconomics workshop on "Cost minimization Analysis" and "calculation of cost" organized by the Department of Pharmacology, Puducherry, JIPMER (Jan 24-25, 2025). She also gave a lecture on "Writing protocol in PGRMC format" in the orientation programme in research methodology & ethics for M.SC/MPH and nursing students conducted by Division of research, JIPMER, Puducherry (Nov 8, 2024) Pharmacology, Institute Block, JIPMER
- Dr. Mirunalini. R gave a talk on "Ethics, Professionalism and Communication skills" in the Foundation course for I year MBBS scheduled held from 2nd to 17th September 2024 in the Department of Medical Education. She also gave a talk on "Gene nomenclature" in the Workshop on Digital Tools in Omics and Primer Designing Techniques conducted as a part of Connaissance 2024 on 29.06.24. She delivered a speech on Statistical considerations while planning a research project and preparing a protocol in the event on "The Key to Research Excellence: From Planning to Successful Publishing" Organized by Department Of Pharmacology, MGMCRI, Puducherry on 4th February 2025.
- Dr. Suganthi. S delivered a lecture on 'TDM of cyclosporine in children with Nephrotic syndrome' in the TDM education webinar organized by International Association of Therapeutic Drug Monitoring and Clinical Toxicology IATDMCT on June 5, 2024. She also delivered as lecture on 'Analytical challenges in TDM' in the virtual CME on "Fundamentals of Therapeutic Drug Monitoring' conducted by the Department of Pharmacology, Sri Manakula Vinayagar Medical College and Hospital, Puducherry on 18th November 2024. Presented a paper and served as Judge for oral presentations in the 54th Annual conference of Indian Pharmacological Society 2024 (IPSCON 2024) organized by Dept. of Pharmacology, AIIMS, New Delhi on 27-29 November 2024. Delivered a lecture on 'Cost-benefit Analysis' in the 2nd National Workshop on Pharmacoeconomics conducted by Dept. of Pharmacology, JIPMER, Puducherry, on, 2025. She also delivered a lecture on 'Inferential Statistics for Data analysis' in the scientific event 'The Key to Research Excellence: From Planning to Successful Publishing' organized by Dept. of Pharmacology, MGMCRI, Puducherry, on Feb 4, 2025.

Participation in Health Camps/ Public Health Awareness/ Education Programme

- Dr. S. Manikandan participated in public health awareness initiatives during the Jan Aushadhi Diwas Week 2025.
- Dr M. Jayanthi was the coordinator and resource person in "Ethics and Professionalism" module of MBBS Foundation course during Sept 2024, taken lecture on "Complementary and Alternative Medicine" on 5th Septmeber, 2024. She conducted an awareness program on "Promotion of Generic medicines" for pharmacists working at JIPMER, Puducherry on 9th Jan 2025.

- Dr. Priyadharsini. R participated in the "Jan AUSHADI Diwas" awareness campaign conducted at JIPMER, Puducherry
- Dr. R. Kesavan participated in public health awareness initiatives during the Jan Aushadhi Diwas Week 2025. As the Nodal Officer of the Janaushadhi Kendra at JIPMER, key events were organized and conducted, including seminars for nursing students and pharmacists, focusing on the objectives and public health relevance of the Pradhan Mantri Bhartiya Jan Aushadhi Kendras (PMBJK) As part of the Women and Child Health (WCH) campaign, awareness was created regarding affordable, women-centric products available through PMBJK. The week concluded with a public awareness rally, during which the significance of generic medicines was highlighted in an address to the general public
- Dr. Mirunalini. R gave an awareness talk to the public on Jan Aushadhi Pariyojana on the event of Jan Aushadhi Diwas an initiative by MoHFW on March 1st 2025

Major Events in Department

Awards and Honours

- Dr. C. Girish selected as a nominee of Committee for Control and Supervision of Experiments on Animals (CCSEA), Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying, New Delhi. He is also nominated as a member in expert committees of drafting syllabus for DHR-ICMR non-medical fellowship, constituted by Director General, ICMR.
- Dr. Priyadharsini. R received Dr. Parvathavarthini best paper award for the PG dissertation work "Effect of probiotics supplementation on hormonal profile, levels of inflammatory biomarkers and oxidative stress in women with Polycystic ovarian syndrome - a randomized double blind placebo controlled trial" in the 9th Annual Sri Ramachandra Pharmacology Insight and Rapid Review Course – ASPIRE 2025. She also Completed the certification course on "JIPMER Advanced Course in Research Methodology, Biostatistics, Ethics, and Soft Skills" (JACRM) organized by the Department of Medical Education in collaboration with the Division of Research.
- Dr. Mirunalini. R received Best Published paper award for the paper "Clinical characteristics and treatment outcome of Isoniazid monoresistant tuberculosis patients: a mixed methods study" on the 10th Research Day on 8th March 2025 at JIPMER, Puducherry. JK Dutta award was presented to the PG project under her guidance for the category under infectious diseases " Pyrazinamide resistance due to pncA gene mutation and its association with treatment outcome among tuberculosis patients of South India- A longitudinal observational study" during the 10th Research Day 2025 on 8th March 2025
- Dr Anusha N received the Early Career Award during the 10th ACCRI conducted by ISCR on February 1st, 2025, in Mumbai for the published work 'Subclinical Hypothyroidism and plasma levels of antiepileptic drugs – A cross-sectional study'. She received second prize in oral presentation for the paper 'Development and Validation of SAME tool in patients' on the 10th Research Day on 8th March 2025 at JIPMER, Puducherry.

Administrative Assignments

Member in constituted Institute Committees

Dr. S. Manikandan

- Proprietary Article (PAC RRC) Committee – Member
- Institute Stores Article Purchase Committee - Member

Dr M. Jayanthi

- Drug Purchase and Utilisation Monitoring Committee – Member secretary
- Sponsored Clinical Trial Research Monitoring Committee - Member
- PhD Research Monitoring Committee – Member
- Printing and Stationary Purchase Monitoring Committee - Member
- Paid Pharmacy (24X7) Committee – Chairperson
- Jan Aushadi monitoring Committee - Chairperson

Dr. C. Girish

- Officer in-charge, Central Animal House, JIPMER.
- Member-Secretary, Institutional Animal Ethics Committee, JIPMER.
- Member- Secretary, JIPMER Animal house renovation committee.
- Inspection officer for the super specialty OTs.
- Member of dept purchase committee
- Member of dept PG dissertation monitoring committee

Dr. Priyadharsini. R

- Member and alternate member secretary of the Institute ethics committee (Human studies - Observational)
- Member of Intramural fund committee
- Member of Rational use of medicine committee (RUMC)

Dr. Mirunalini. R

- Member of the Institute Nursing Ethics Committee
- Member of JIPMER NTEP core committee
- Member of Committee for setting up Jan Aushadhi Kendra
- Nominee of Committee for the Control and Supervision of the Experimental Animals (CCSEA) for the Institutional Animal Ethics Committee as a Scientist from outside the institute

Dr. Suganthi. S

- Joint Member Secretary JIPMER Scientific Advisory Committee
- Joint Member Secretary of the IMRF committee

Dr Anusha. N

- Website nodal office
- Annual report compilation committee

Department of P.M.R

Faculty List

Professor & Head

- Dr. NAVIN KUMAR

Assistant Professor

- Dr. V.Padmapriyadharshini

Senior Resident

- Dr. Kalyaanasundhary S

Staff of Ancillary Services

Physiotherapy Section

Senior Physiotherapist	: M Suganthi
Junior Physiotherapists	: R. Salaja
	: L. Sivagami
	: A. Jebaraj Fletcher
	: N Mohd. Thoufeeq
	: S. Sathiyaraj (on study leave.
	: RAHUL RANJAN
	: Mohammad Shameer S
	: Kaptan Singh Meena
Physiotherapy Technician	: Mrs.G.Komady
	: Thakor Ghanshyamsinh Pravinji

Occupational Therapy Section

Senior Occupational Therapist	: S. Sathish Kumar
Junior Occupational Therapists	: M. Ramakrishnan
	: Josemary Sangeetha X
	: Bandana Senapati
	: Suba Growther
	: E Pachaippan
	: Rajesh Sahoo
	: Smruti Ranjan Naik
Occupational Therapy Technician	: Suganya M
Craft Teacher	: D Coumaracouroubarane

Prosthetics Section

Prosthetist	: M Anand Padmanabhan
	: J. Prakash
Prosthetic Technician Gr.I	: S.X. Herald Felix Xavier
Prosthetic Craftsman	: C.Prasanth (On-Contract)

Orthotic Section

Orthotist	: K. Srikanth
	: Mana Govinda Dalai
Orthotic Technician	: Chandra Shekhar Tiwary
Orthotic Craftsman	: V. Sargunan
	: R.Harini (On-Contract)

Departmental Highlights

The PMR Department has been functional in JIPMER since 1986. The PMR OPD has been functioning regularly since Feb 2012. The Department has been associated with UG teaching along with Orthopaedics and peripheral posting of PG students from Orthopaedics and Immunology. It is also associated with training of nursing students. The Physiotherapy Section and the Occupational Therapy Section started in 1966 under the Orthopaedics Department with limited staff, equipment and space. It later shifted to the spacious PMRC block II floor in 1985. In addition to routine duties, therapists also attend special clinics like CP clinic/Poliomyelitis clinics. The Orthotic section started in 1968, provides different types of orthoses to the patients. The prosthetics section has been functioning since 1986 at PMR block. Amputees who are referred by various Departments are fitted with appropriate prosthesis.

Education Courses

- MBBS classes along with Orthopaedics.
- Intern posting.
- Peripheral posting of PG from Orthopaedics and Immunology (Post-doctoral)
- Teaching of B.Sc and M.Sc Nursing

Departmental Activities for the year

Organised CME/Conference/Workshop

i) The Department of Physical Medicine and Rehabilitation, JIPMER, celebrated the International Day of Persons with Disabilities with a series of events, starting from December 3, 2024. The celebrations aimed to create awareness about the rights and inclusion of persons with disabilities.

- A painting competition held at the JIPMER Community Hall for JIPMER staff and their dependents.
- A seminar on the Rights of Persons with Disabilities Act was held in the JIPMER Auditorium to better understand the challenges and rights of persons with disabilities
- To foster inclusivity and camaraderie, the Department of PMR organized sports activities that encouraged interaction between persons with and without disabilities. The JIPMER grounds hosted a cricket match and other competitions involving differently-

abled staff, students, and JIPMER able-bodied staff, encouraging teamwork and mutual respect.

- On the occasion of World PT Day, the Physiotherapy Section of the Department of Physical Medicine and Rehabilitation (PMR) organised a program on 9th Sept 2024 in the PT Section (90) of PMRC Block. The SOP is also released on JIPMER website on 8th September 2024, which is available on the link: https://jipmer.edu.in/department/pmr/notice-board. The theme of the World PT Day for this year 2024 is: "PHYSIOTHERAPY CAN HELP YOUR LOW BACK PAIN"
- The patient awareness videos on "low back pain and physiotherapy" were developed in Tamil and Hindi languages based on the World PT Day theme and broadcast across all OPDs at JIPMER.
- The occupational therapy section Observed World Occupational Therapy Day on 27thOctober 2024.
- As part of "WORLD OCCUPATIONAL THERAPY DAY"Oct 27th 2024 the theme for this year "OCCUPATIONAL THERAPY FOR ALL" has been propagated as "ERGONOMICS FOR WORK RELATED MUSCULOSKELETAL PROBLEMS". Department organized a month long awareness programme at Occupational therapy OPD from Oct 28th to Nov 27th for the benefit of JIPMER staff and students during regular OPD hours, simultaneously awareness camps were also organized at JIPMER Rural Health Centre Ramanthapuram on 6th November 2024 in the presence of Dr. Navin Kumar, Professor and Head of PMR, Dr. Pratima, Medical Officer PHC Ramanthapuram, Dr.Sathish Kumar.S, Senior occupational therapist & In charge of Occupational therapy section. Around 40 staff and 150 coolie workers were benefited at Urban Health centre Kurusukuppam on 12th November 2024 in the presence of Additional Prof PSM Dept Dr. Venkatachalam Dhanaselan, Asst Prof PMR Dr. Padmapriyadarsini V, Dr. Devan Medical officer Kurusukupam, Dr.Sathish Kumar.S Senior occupational therapist & In charge of Occupational therapy section along with Social Preventive medicine Department for the benefit of household women and Geriatric persons. Around 50 persons benefited. An awareness video, pictures highlighting ergonomics and corrective postures were displayed in our OPD for patients benefit. In both the camps corrective postures, fall prevention, modifications and adaptations at home were advised.

Faculty conference participation

Dr. Navin Kumar, Professor and Head of PMR

- Resource Person for PMR Refresher Course at Jaipur.
- Invited faculty and conducted a workshop on Disability Assessment at AIIMS Deoghar under BAPMRCON 2024.
- Online webinar by IAPMR on Disabilty Asesssment: Changes in new Guidelines; 2024.
- Treasurer for IFNRCON 2024 at JIPMER, chaired a workshop, two scientific sessions and invited speaker "Disability Evaluation in Neurological Conditions".
- Invited speaker (online) for Disabilty Evaluation in Neurotrauma conditions as part of Neurotrauma 2024.
- Invited faculty and conducted a workshop on Disability Evaluation nas per latest guidelines @ 53rd National conf of IAPMR- IAPMRCON 2025 from 31st Jan to 2nd Feb 2025.
- Presented a poster entitled "A CROSS SECTIONAL STUDY ON QUALITY OF LIFE IN LOWER LIMB AMPUTEES AFTER PROSTHESIS FITTING" @ ISPRM Congress from 1st to 6th June 2024.

Mrs. M. Suganthi, Senior Physiotherapist

- Chaired a session on "Paediatric play therapy" by Dr. Joshua Samuel Rajkumar in 12th Annual Conference IFNRCON 2024 from 12th to 14th April 2024 at JIPMER Pondicherry.
- Organised "World Physiotherapy Day Program" on account of World Physiotherapy Day celebrations in the Physiotherapy section on 9th September 2024.
- Headed the document preparation team and released the "Standard Operating Procedural Manual for Physiotherapy Equipment', Version 1.0 on the account of World Physiotherapy Day celebrations in the Physiotherapy section on 9th September 2024.
- Delivered Keynote speech on "Physiotherapy & Low Back Pain" based on the account of World Physiotherapy Day celebrations in the Physiotherapy section on 9th September 2024.
- Organised and delivered a Patient Awareness video on "Low Back Pain & Physiotherapy" which was broadcast across all the OPDs in JIPMER Hospital.
- Chaired a Q&A session on Workshop on Shoulder Joint Biomechanics, Treatment and Mobilisation conducted by Prophysio Edu on 22/12/2024 at Hotel Annamalai International, Pondicherry.

Mr. M.Ramakrishnan, Junior Occupational Therapist**,** presented free online vido titled "Guidance

& counselling" in the website of World Occupational Therapy occupational narratives project database in Oct 2024, did free online video competition and presented "Roles of Occupational Therapist in and out of Jipmer Hospital" at Puducherrry state program organized by AIOTA in Oct 2024, presented an oral paper entitled "the effectiveness of stress management techniques on Alcoholic patients" at the International Conference on Psychiatry and Rehabilitation Sciences organized by LRD World college, Moradabad from 27th to 29th Mar 2025.

All the Junior Physiotherapists and Physiotherapy technicians of the physiotherapy section Delivered Patient Awareness video talks titled, "Basics of Low Back Pain" which was broadcast across all the OPDs in JIPMER Hospital.

Mrs. R. Salaja, Junior Physiotherapist

Attended one day health camp conducted under ABPMJAY/TNCMCHIS and provided Physiotherapy Evaluation and Intervention to patients at Therkunam Village, Villupuram District, Tamil Nadu on 29/11/2024

Mrs. L.Sivagami, Junior Physiotherapist

- Chaired a session on "Aqua therapy" by Dr. Johan Lambeck, Senior Lecturer IATF in 12th Annual Conference IFNRCON 2024 from 12th to 14th April 2024 at JIPMER Pondicherry.
- Chaired a Q&A session on Workshop on Shoulder Joint Biomechanics, Treatment and Mobilization conducted by Prophysio Edu on 22/12/2024 at Hotel Annamalai International, Pondicherry.

Mrs Bandana Senapati, Junior Occupational Therapist, did an **E-poster presentation** at IFNRCON, 2024 on 12th April 2024, JIPMER. presented a paper on the topic **'Breastfeeding Self-Efficacy: A crucial juncture of neurons, psychology and contextual support: Occupational Therapist's Perspective'** the 2nd Indian Neurorehabilitation conference of Occupational Therapy (INCOT, 2024) at New Delhi on 29th September, 2024.

Mr. A.S. Jebaraj Fletcher, Junior Physiotherapist

- Member of Scientific Committee of 12th Annual Conference IFNRCON 2024 which was held from 12th to 14th April 2024 at JIPMER Pondicherry.
- Presented a paper titled, "Neurobics: A Vital Adjunct to Physical therapy in improving cognitive and Physical functions in a Pregnant woman with Wernicke's Encephalopathy – A Case Report" on FLAIR 2024 conference conducted by Sri Venkateshwaraa college of Physiotherapy, Puducherry on 08/11/2024

-Presented a paper titled, "Community based Self-Paced Exercises improves Femoral Muscular Torque Ratios after ACL Reconstruction – A Case Report" on ICPER 2025 conference conducted by Jalappa college of Physiotherapy, Kolar, Karnataka on 07/03/2025.

Mr. J.Prakash, Prosthetist Chaired a session at the National Conference of OPAI held in Visakhapatnam between February 1-2, 2025, and presented paper on Advancements of Prosthetics & Orthotics in the CRE held at JIPMER Auditorium on 06.12.2024

Mr.Smruti Ranjan Naik, Occupational Therapist,Dept. of PMR,JIPMER has presented a paper titled Occupational Therapy in Disability Rehabilitation in the Continued Rehabilitation Education (CRE) on RIGHTS OF PERSON WITH DISABILITY ACT held on 06 th December 2024, JIPMER,PUDUCHERRY.

Participation in health camps/ public health awareness/ education programme.

Mrs. R. Salaja, Junior Physiotherapist Attended one day health camp conducted under ABPMJAY/TNCMCHIS and provided Physiotherapy Evaluation and Intervention to patients at Therkunam Village, Villupuram District, Tamil Nadu on 29/11/2024

Mrs. L.Sivagami, Junior Physiotherapist

Attended one day health camp conducted under ABPMJAY/TNCMCHIS and provided Physiotherapy Evaluation and Intervention to patients at Seshanganur Village, Villupuram District, Tamil Nadu on 26/7/2024

Mr. A.S. Jebaraj Fletcher, Junior Physiotherapist

Attended one day health camp conducted under ABPMJAY/TNCMCHIS and provided Physiotherapy Evaluation and Intervention to patients at V.Puthur Village, Villupuram District, Tamil Nadu on 29/8/2024

Mr. S. Mohammad Shameer, Junior Physiotherapist

Attended one day health camp conducted under ABPMJAY/TNCMCHIS and provided Physiotherapy Evaluation and Intervention to patients at Rawthakuppam Village, Villupuram District, Tamil Nadu on 27/09/2024.

New services started

- The Cerebral Palsy clinic was changed to twice a month (every first and third Tuesday) from once a month previously since the month of April 2024.
- In the physiotherapy section, installation of new physiotherapy equipment like Cryotherapy, Lymphopress, Upper body Ergometer and Unweighing Body weight Treadmill units were done.

Awards and Honours

- Dr. Navin Kumar, Professor and Head of PMR was felicitated for being a regular Voluntary Blood Donor.

- Expert member for the Committee on "Work Related injuries and illness" for Central University of Tamil Nadu, Thiruvarur.

- Mr. K. Srikanth, Orthotist is Rotary international District(2981) Chairman community service(Medical).
- Mr. M.Ramakrishnan, Junior Occupational Therapist was awarded "National Award foer Excellent Occupational Therapist" 2024 organised by special need education home (NGO), Nagda MP on 10-7-2024.
- Mrs.BandanaSenapati, Junior Occupational Therapist got the Clinical Eminence Award (Senior) in the 2nd Indian Neurorehabilitation conference of Occupational Therapy (INCOT,2024) at New Delhi on 28th September, 2024, got 3rd prize in Hindi Essay and consolation prize in Debate competition held at JIPMER in the month of September 2024.
- Mr. Kaptan Singh Meena, Junior Physiotherapist awarded 3rd prize in Hindi Essay (Hindi language)) organized by JIPMER as part of Hindi Fortnight activities.
- Mr. Thakor Ghanshyamsinh Pravinji, Physiotherapy Technician awarded 3rd prize in Hindi speech (Level-I) organized by JIPMER as part of Hindi Fortnight activities.
- Mr. N. Mohamed Thoufeeq, Junior Physiotherapist successfully completed MPT(Orthopedics) degree program and rejoined duty after 2 years study leave on October 5th 2024

Administrative Assignments

- Dr. Navin Kumar, Professor and Head of PMR was nominated for training program organized by MoHFW, Govt of India at AIIPMR, Mumbai on "Accessibility Standards for Healthcare facilities by JIPMER Admin.
- was nominated for "Ethical values in Public Governance" workshop (online) organised by Institute of Secretariat Management and Training, Delhi.
- Contributed to Gazette published by GoI on "Accessibility Standards for Healthcare facilities".
- Contributed to Development of "Training Module on Accessibility Standards for Healthcare facilities" under MoHFW, GoI.
- Member of NIRF committee, Jipmer.
- Fire Safety departmental Coordinator (FSDC) for PMRC Block.
- Membership of International Society of Physical and Rehabilitation Medicine (ISPRM).
- Membership of Indian federation of Neuro Rehabilitation (IFNR).

- Mr. S.Sathish Kumar, Senior Occupational Therapist is Safety Quality Monitor for Occupational Therapy Section.
- Mr. K. Srikanth, Orthotist is Lead Coordinator for FSPC.
- Mr. J Prakash, Prosthetist was elected as Executive Member of Orthotics & Prosthetics Association of India and nominated to JIPMER Staff Recreation Club Committee.
- Mr. S.X. Herald Felix Xavier, Prosthetic Technician Gr. I is Executive member of JIPMER OBC Employees' Welfare Association.
- Mr. V. Sargunan, Orthotic Craftsman is Executive Committee Member of Jipmer SC-ST cum Minority Association and Treasurer Jipmer Bharatiya Employees Sangam.
- Mr. G. Sivakumar, MTS (cobbler), is Joint Treasurer of Jipmer PwD Employees Association, Puducherry.

Department of Physiology

Faculty List

Professor (Senior Scale)

- Dr. G. K. Pal
- Dr. G. S. Gaur
- Dr. Pravati Pal

Professor

- Dr. S. Velkumary
- Dr. Y. Dhanalakshmi

Additional Professor

- Dr. Basanta Manjari Naik (Additional Professor & Head)
- Dr. N. Prabhu
- Dr. S. Karthik
- Dr. Saranya. K

Associate Professor

- Dr. Rajalakshmi. R

Departmental Highlights of the Year

The Department of Physiology is among the premier departments in JIPMER, having been started with the inception of the institute. The Physiology department provides medical education and training to undergraduate and postgraduate medical students, as well as students in various paramedical courses. The department is also involved in clinical investigations of electrophysiological diagnostic procedures, pulmonary function tests, and autonomic function tests for hospital patients. The unique feature of the physiology department is that the electrophysiology laboratory has been providing hospital services in patient management for more than thirty years. Also, research activities are conducted vigorously in various department laboratories. The yoga research, therapy and training are important routine features of the department. The Advanced Centre for Yoga Therapy Education and Research (ACYTER) of JIPMER is under the Department of Physiology. The Department of Physiology has conducted many national conferences, CMEs, and workshops on physiology and yoga.

Educational Courses (Courses and Number of Students Intake Per Year)

The Department provides training in Physiology (two semesters) to undergraduates for MBBS, B.Sc. (Nursing) and B.Sc. (Medical Laboratory Technology), B.Sc. (AHS) – Dialysis Technology/ Medical Radiation Technology/ Operation Theatre Technology/ Perfusion Technology/ Neuro Technology/Cardiac Lab Technology/ Nuclear Medicine technology. The Department provides training in Physiology to medical record officers and medical record technicians of the Institute. It also provides training to 5 M.D. (Physiology) and 5 M.Sc. (Medical Physiology) postgraduates per year. Four M.Sc. (Medical Biochemistry) and 2 M.Sc. (Neurotechnology) students come to us for their first-year teaching program. As of 31st March 2025, the department has 13 students undergoing training for M.D. Physiology and 9 students are undergoing training for M.Sc. (Medical Physiology).

Departmental Activities for the Year

Organised conference/ CME/ workshop

- The Department of Physiology organized the 10th International Yoga Day Celebration programs held on 21st June 2024, organized by the Advanced Centre for Yoga Therapy Education & Research (ACYTER).
- The Department has conducted a Foundation Course Yoga Program for the first-year MBBS students of batch 2024- 2025 from 5th to 15th September 2024. Dr. Pravati Pal. Dr. S. Velkumary, Dr. Y. Dhanalakshmi and Dr. Rajalakshmi R contributed as resource faculty for the same.

Faculty conference participation –

Delivered oration/ lecture in a CME/ symposium/ workshop

1. Dr. G.K. Pal delivered a keynote address in the National Physiology Conference held at Adarsh Institute of Medical Sciences, Bhatinda, Punjab on 19th March, 2025. He also delivered a keynote address in the Physiology Annual Conference (ASSOPI-UP Chapter) at Sarojini Naidu Medical College, Agra, UP, held on 28th March, 2025.
2. Dr. G. S. Gaur was a resource faculty and delivered a guest lecture on Nobel electro diagnostic investigations: an experience at the tertiary care hospital of South India at the Annual conference of UP chapter of Association of Physiologists of India (ASSOPI) organised at SN Medical college, Agra, U.P. from 28th to 29th March 2025. He was also a resource faculty for the workshop on Nerve conduction studies and delivered lecture on "Mastering Electrodiagnostic Investigations and diagnosis– H Reflex, Nerve Conduction Studies, and Repetitive Nerve Stimulation" during APPICON 2024 organised by the Department of Physiology, ESIC Medical College and Hospital, K.K. Nagar, Chennai, Tamil Nadu, India from 10th -14th December, 2024.
3. Dr. Pravati Pal was a Resource person for the online NEP Orientation and Sensitisation Programme

organised by UGC-MMTTC, University of Rajasthan and delivered lecture on "Role of Yoga in Health and Disease' She deliver online guest lecture on "Yoga and Research" at AIIMS Madurai on 5th June 2024. She delivered a guest lecture on "Role of Yoga in psychological stress management in pregnant women having antenatal depression" at AIIMS, Patna; Acted as a judge for the Yoga competition on 18.06.2024, rangoli and painting competition on 20.06.2024 at AIIMS, Patna. She was a guest speaker at the workshop on "Competency-based medical education and Integrated Teaching" at AIIMS, Gorakhpur on 26.07.2024. She delivered a lecture - demonstration on "Suryanamaskara' in the Foundation course for 1st MBBS in September 2024. She delivered the following lecture at the 10th Annual conference of ASSOPI held at AIIMS, Patna from 22nd to 27th October 2024: "Role of Diet in the Management of Hypertension"; "Breathing Practices as Therapeutic Modality in Anxiety Disorder"; "Establishing an Animal Physiology Laboratory"; JIPMER Experience in Animal Experiments"; and "Somatosensory Evoked Potentials in Neurophysiology". She delivered a lecture on "Role of Yoga in Health and Disease' in the online 8th Faculty Induction Program by UGC Malaviya Teachers Training Center, Sambalpur University, Odisha on 14.11.2024. She delivered a lecture on "Key Elements of a Scientific Book Writing" in the Book writing Workshop conducted by the Research Division of JIPMER ON 27.11.2025. She delivered a lecture on "Mechanism of Metabolic syndrome related Sarcopenia" at the 70th Annual conference of APPI on 12.12.2024, held at ESIC Medical College, Chennai, and on "Role of Pranayama in Anxiety Disorder" in the National Conference on Lifestyle and Health, 19th March, 2025 at Adesh University, Bhatinda.

4. Dr. S. Velkumary made noteworthy contributions during the assessment period, participated as a resource faculty across several national academic and public health platforms,. On 12th April 2024, she served as resource faculty and convenor for the pre-conference electrodiagnostic workshop of IFNRCON 2024, the 12th Annual Conference of the Indian Federation of Neurorehabilitation, under the Indian Academy of Neurology, organised by the Department of Neurology at JIPMER, Puducherry where, She presented a talk on *Somatosensory Evoked Potentials (SSEP)* and *Cognitive Evoked Potentials*. As part of the 10th International Yoga Day celebrations on 21st June 2024 at JIPMER, Puducherry, she addressed the general public with a session titled *"Unlock Your Inner Oasis: Breathe and Stretch for Holistic Health."*At the 10th FIPS ASSOPICON 2024, held on 26th October 2024 at AIIMS Patna, she presented a talk on *"Role of Pranayama in the Management of Hypertension"*, as part of a symposium focused on *Lifestyle Modifications in Hypertension Management*. On 10th October 2024, in observance of World Mental Health Day, she delivered a guest lecture on *"Psychophysiological Responses to Stress and Its Management Through Yoga"* for nursing students at Mother Theresa Post Graduate and Research Institute of Health Sciences (MTPGI), Puducherry. On 12th December 2024, she participated as resource faculty at APPICON 2024, hosted by ESIC Medical College, KK Nagar, Chennai, where she spoke on *"Sarcopenia: Definition & Diagnosis"* as part of a symposium dedicated to *Metabolic Syndrome and Sarcopenia*. On 12th March 2025, she contributed as resource faculty at the National Conference on "Rethinking & Redefining Psychiatric Nursing", organised by Indrani College of Nursing, Ariyur, Puducherry, and she conducted a lecture cum demonstration on*"Yoga for Mental Health"*.
5. Dr. Y. Dhanalakshmi contributed as a resource faculty for the pre-conference workshop on cognitive evoked potential during the IFNRCON 2024, organised by the Department of Neurology at JIPMER, Puducherry, INDIA on 12th April 2024 as a part of the 12th Annual conference of the Indian Federation of Neuro rehabilitation subsection of the Indian Academy of Neurology. She also contributed as an organizing secretary for the 10th International Yoga Day Celebration programs held on 21st June 2024, organized by the Advanced Centre for Yoga Therapy Education & Research (ACYTER) Department of Physiology, JIPMER, Puducherry. She contributed as a resource faculty for the Foundation Course Yoga Program for the 1st year MBBS students' batch -2024-2025 during 5th -15th September 2024.
6. Dr. Basanta Manjari Naik was a resource faculty in a symposium during ISSEMICON 2024, organized by Dept. of Physiology, IMS, BHU, Varanasi, from 12th - 14th November 2024: Session on 'Electroencephalography as a neurobiological correlate in exercise & cognition'. She was also a resource faculty for the workshop on "Polysomnography" on 10th December 2024 and "Nerve conduction studies" on 11th December 2024 during 70th APPICON 2024, organized by Dept. of Physiology & Pharmacology, ESIC Medical College Hospital, Chennai, K.K. Nagar, Chennai, Tamil Nadu, India from 10th -14th December, 2024.
7. Dr. K. Saranya was a Resource Faculty in the Symposium in 10th FIPS-ASSOPICON 2024, organised by the Dept. of Physiology, AIIMS, Patna, from 24th - 26th October, 2024 for the session on 'Pathophysiology of Hypertension'. She was a resource faculty in Symposium during ISSEMICON 2024, organized by Dept. of Physiology, IMS, BHU,

Varanasi, from 12th - 14th November 2024: Session on 'Electroencephalography in exploring the neural signatures of obesity and fitness'. She was a resource faculty in Workshop during ISSEMICON 2024, organized by Dept. of Physiology, IMS, BHU, Varanasi, on 17th November 2024: Session on 'Anthropometric Techniques & Application'. She was a resource faculty for workshop during 70th APPICON 2024, organized by Dept. of Physiology & Pharmacology, ESIC Medical College Hospital, Chennai, on 10th December 2024: Session on 'Somatotype and Body Composition, the Kinanthropometrical aspect of Human Body Shape and Size: Method and Practice'. She was a resource faculty in the Symposium during 70th APPICON 2024, organized by the Dept. of Physiology & Pharmacology, ESIC Medical College Hospital, Chennai, from 12th - 14th December 2024: Session on 'Frailty Status and Cardiovascular Autonomic Dysfunction in Type 2 Diabetes Mellitus'.

8. Dr. R. Rajalakshmi contributed as Resource Faculty for various Faculty Development Programs at the National and Institute level. She was a Resource Faculty in the Symposium in 10th FIPS-ASSOPICON 2024, organised by the Dept. of Physiology, AIIMS, Patna, from 24th - 26th October, 2024: Session on 'Role of Exercise in the Management of Hypertension'. She was a Resource faculty for various sessions during the 91st and 92nd National Course on Educational Science for Teachers of Health Professionals, organized by the Medical Education Unit, JIPMER. She was a Resource faculty for various sessions of the 'Basic Course in Medical Education' and 'Advance Course in Medical Education', a faculty development program organized by the Medical Education Unit, NMC Regional Centre, JIPMER. She was a Resource faculty for the sessions on "Communication Skills" during the Induction Training Program for Nursing Officers, organized by the Department of Nursing Services, JIPMER. She was a Resource faculty for the Faculty Development Program, "JIPMER Advanced Course in Research Methodology - JACRM", organized by the Department of Medical Education Unit, JIPMER, in August 2024. She was a Resource faculty for the Faculty Development Program on "Soft Skills Training" for faculty at AIIMS Kalyani, from 7th to 8th Oct 2024. She was a Resource faculty member for a two-day 'Training the Trainers' workshop conducted by Trivandrum Institute of Palliative Sciences, Pallium India, on December 17th and 18th, 2024. She was a Resource faculty for the 'National Course on 'Educational Science for Teachers of Health Professionals' at AIIMS Bibinagar, from 24th to 28th March 2025. She contributed as an Organizing Committee member for the 10th International Yoga Day Celebration programs held on 21st June 2024, organized by the Advanced Centre for Yoga Therapy Education & Research (ACYTER) Department of Physiology, JIPMER, Puducherry. She contributed as a resource faculty member for the FOUNDATION DAY Yoga Program for the first year of the MBBS students' batch-2024- 2025 during 5th -15th September 2024.

Administrative Assignments

1. Dr. G.S. Gaur is a member of the hostel advisory committee for various hostels of JIPMER during the period and continues to be warden for hostel Harvey House-II. He acted as Chairman for the Harvey House-II hostel welfare committee. He is the chairman of the Institute's disciplinary committee for hostel Harvey house II, JIPMER and a member of the Institute's disciplinary committee for other JIPMER hostels. He continues to be the faculty in-charge of 3rd year MSc Medical Physiology and Electrophysiology Laboratory. He continues to be a member of the editorial board for the Journal of Annals of Yoga and Physical Therapy. He was a member of the jury for Ph.D. Viva Voce examination and acted as an external expert for conducting online Ph.D. viva-voce for PhD Scholar Dr Akriti Kapila Sharma, Department of Physiology, AIIMS Rishikesh on 9th Oct. 2024.
2. Dr. Pravati Pal is a member of Institute Animal Ethics Committee. She is the expert member in DST (SATYAM), New Delhi for the review of yoga proposals. She continues to be the faculty in-charge of MD Physiology and Animal Research & Cardiovascular Research Laboratory. She continues to be the Vice President (South zone) of Association of Physiologists of India.
3. Dr. S. Velkumary served as the Head of the Department until 30th June 2024. She currently holds the position of faculty in-charge for both the 2nd year M.Sc. Medical Physiology program and the Obesity Research Laboratory. She continues to be the Finance Secretary of the Association of Physiologists of India (ASSOPI).
4. Dr. Y. Dhanalakshmi nominated as a faculty for the dept. selection committee for purchase in price bid comparative statement for cons/ Non-cons. Items for the year 2022-2024 for the Department of Biochemistry. She was the Nodal officer for the departmental website details, including ACYTER, and reviewer for the departments of Pathology and Animal House website details. She is the faculty in-charge of 1st year MSc Medical Physiology & MSc Neurotechnology. She is also faculty in-charge of Molecular Physiology & Clinical Physiology Laboratory.

5. Dr. Basanta Manjari Naik is a member of the JIPMER Annual Report committee, JOLIC & Anti-ragging Committee. She has taken up the responsibility of Head of the Department from 1st July 2024. She is the faculty in-charge of Amphibian Laboratory and deputy faculty in-charge of Electrophysiology & Animal Research Laboratory.
6. Dr. N. Prabhu is the faculty in-charge of BLMS and Pulmonary Function testing, Lifestyle Modification Laboratory & department seminar room cum library.
7. Dr. S. Karthik was nominated as Departmental coordinator for the Fire Safety and Preparedness Committee (JIPMER). He is also a Member of the Biomedical Engineering Division Committee. was nominated as Departmental coordinator for the Fire Safety and Preparedness Committee (JIPMER). He is also a Member of the Biomedical Engineering Division Committee. He is the faculty in-charge of BSc Nursing, MRT& MRO & Internship program. He is also the faculty in-charge of Haematology Laboratory.
8. Dr. K. Saranya was nominated as Nodal Officer-in-charge from the Department of Physiology to coordinate with the Biomedical Waste Management Unit. She is an executive Body Member of the Association of Physiologists of India (ASSOPI) in the capacity of Headquarter Office Secretary, ASSOPI. She is the Faculty in-charge of AUtonomic Function Testing Laboratory. She is the Faculty in-charge from Department of Physiology for the MBBS I-year course.
9. Dr. R. Rajalakshmi was nominated as Student Welfare Officer for the students of JIPMER. Member Secretary of the Institute Ethics Committee for Observational Studies (IEC-OS), JIPMER; Member of the Intramural Research Fund Committee (IMRF), JIPMER. Special invitee of the JIPMER Scientific Advisory Committee (JSAC); Member of the Medical Education Unit, JIPMER; Inspection Officer – for condemnation and breakage of items – Department of Biochemistry, Telemedicine Unit (IT Wing); Faculty in charge - Allied Health Sciences; Member of the Institute Store Articles Purchase Committee (ISAPC). Member of the Student Grievance Redressal Committee; Coordinator for the Foundation Course, Internship Orientation Program and Mentorship program for MBBS students at JIPMER. She is the faculty in-charge of BAHS and Neurophysiology Laboratory.

Department of Plastic Surgery

Faculty List

Professor (Sr Scale)

- Dr Ravi Kumar Chittoria
- **Professor**
- Dr Devi Prasad Mohapatra
- **Professor**
- Dr Dinesh Kumar S.
- **Professor & Head**
- Dr Friji M.T.
- **Assistant Professor**
- Dr Padmalakshmi

Departmental Highlights of the Year 2024-25

Department is fully equipped for Hand & Microvascular Surgery, Transplantation Surgery, Laser Surgery, Maxillofacial and Craniofacial Surgery, Burns and Reconstructive Surgery, Anti-aging and Regenerative Medicine Therapy, Wound Simulators Surgery, Telemedicine Services and is a Centre for Advanced Wound Care using newer Wound Care Technologies. The department has a State of an Art 20 Bedded JIPMER Tertiary Burn Centre (JTBC) (including Burn ICU & Burn OT), Microvascular Training Lab, Speech Therapy Training Lab, Wound Simulator Lab, Telemedicine Centre. Various Special Clinics run by the Department are Telemedicine Clinic, Burn Clinic, Comprehensive Breast Oncoplastic Clinic, Transgender clinic, Brachial Plexus Clinic & Anti-aging Clinic. The department has 'Smile Train Project' and M.Ch Plastic Surgery Course (3 Seats every year).

Educational Courses

Undergraduate Courses

- The Department continues with its undergraduate teaching program. It holds regular classes for undergraduate MBBS students.
- B.Sc. (Nursing) 6th semester students are given regular bedside training in the Plastic Surgery Ward.
- Post Basic Diploma Students (Operation Room Nursing) are given Practical Training in Plastic Surgery OT.
- Post Basic Diploma Students (ICU Nursing) are given Practical Training in Plastic Surgery ICU.

Postgraduate Courses

- The faculty was involved in teaching and training of Junior Resident (Postgraduate) students of MS General Surgery and Orthopaedic Surgery during their peripheral posting in the department of Plastic Surgery by giving didactic lectures, moderating seminars, journal clubs, etc. And clinical teaching during ward rounds.

Higher Specialty Courses

- The Department continues with its higher specialty teaching program for M.Ch students.
- The Department faculty imparts training to post-graduate fellows in Dermatosurgery

Departmental Activities for the Year

Organised Conference/ CME/ Workshop

Local workshop / CME Organized

1. Nurses Mentorship Program on Cleft Care – NCSL in JIPMER held in Plastic Surgery OPD, SS Block on 9th April 2024.
2. Lecture Series – 'JIPMER Lecture Series 2024' on 'Use of Dermal matrix in complex wounds & Salvage of complex wounds' delivered by Prof Dr Marcus James Dermot Wagstaff, Royal Adelaide Hospital, Australia & Prof Dr Vijay Jaganathan, Pondicherry Institute of Medical Sciences (PIMS), Puducherry on 18th April 2024.
3. Lecture Series – 'JIPMER Lecture Series 2024' on 'Newer approaches in wound care and role of innovative wound dressing designed using silk protein for accelerated wound healing' delivered by Dr Priyadarshan K, Senior Plastic, Microvascular & Cosmetic Surgeon, Bangalore on 21st June 2024.
4. Lecture Series – 'JIPMER Lecture Series 2024' on 'Advanced wound dressings – what you need to know' delivered by Dr Rajesh Kesavan, Adjunct Professor, SRM Institute & Savitha Medical College, Chennai on 26th June 2024.
5. Oration – 'JIPMER Sushruta Oration 2024' on 'Reconstructing Lives Through Plastic Surgery' delivered by Prof Dr S Raja Sabapathy, Chairman, Department of Plastic Surgery, Hand and Reconstructive Microsurgery and Burns, Director, Ganga Hospital, Coimbatore on 19th July 2024.
6. JIPMER Lecture Series 2024 on 'Nuances, New Thinking and New Possibilities in Facial Plastic Surgery' delivered by Dr G S Radhakrishnan, Professor in Plastic Surgery, Stanley Medical College & IRRH, Chennai on 2nd August 2024.
7. JIPMER Lecture Series 2024 on 'Nuances of non-surgical facial rejuvenation' delivered by Dr Sandeep

Sharma, Plastic Surgeon, APSI Travelling Professor in Cosmetic Surgery, International Ambassador Aesthetic Surgery Journal, Vadodara, Gujarat, India, President, IAAPS (2021-22) on 9th September 2024.

8. World Smile Day Celebration held in Plastic Surgery OPD, SS Block on 4th October 2024.
9. JIPMER Lecture Series 2024 on 'Advances in Diabetic Foot Management' delivered by Dr T M Balakrishnan, Consultant Plastic & Microvascular Surgeon, Coimbatore Medical College, Coimbatore on 22nd November 2024.
10. Awareness Program on Cleft Lip and Palate Deformities Accredited Social Health Activist (ASHA) Programme on 15th February 2025 in SSB Conference Hall, 3rd Floor, SS Block.

Faculty Conference Participation

Dr. Ravi Kumar Chittoria delivered multiple presentations and guest lectures across various conferences and CMEs throughout 2024. His talks included: "Regenerative Technologies for Diabetic Foot Ulcers (DFUs)" at IPA Con 2024 in Chennai on April 7, 2024; "Artificial Intelligence (AI) Assisted Telemedicine" at the TSI-TN Chapter Telemedicine Conference on April 5, 2024; "'SWCR Guidelines for Leprotic Ulcers'" as a Guest Lecture at WOUNDCARECON-2024 in KGMC Lucknow from April 26-27, 2024; and the "Dr. J L Gupta Oration" also at WOUNDCARECON 2024 on April 26, 2024. He further discussed "Role of Regenerative Technology in Wound Management" at a CME organized by the Department of Pharmacology, JIPMER on May 16, 2024; "Guidelines for Necrotizing Fasciitis" at an International Wound Conference held online in Prague on August 29, 2024; and "APRP in Plastic Surgery" at the Reproductive Medicine conference in Chennai on September 5, 2024. He also presented on "Telemedicine & its applications" at a seminar organized by the Department of Medical Oncology at Regional Cancer Centre (RCC) on October 16, 2024, and "Wound Cover - How to achieve" at a CME organized by the Department of Endocrinology, JIPMER in collaboration with CMEFI and DFSI on December 15, 2024.

Devi Prasad Mohapatra was highly active in national and international conferences from April 2024 to March 2025. His engagements included: a lecture during the National conference of the Indian Society of Cleft Lip Palate and Craniofacial anomalies from April 17-20, 2024, at Mangalore; serving as an expert member for the pre-conference workshop "ICT Tools for Research and Publications" at "Illuminate 2024" held at A.C.S Medical College and Hospital, Chennai, on April 26, 2024; and being a resource faculty for a cadaveric flap dissection course at Nandha Medical College & Hospital, Erode, on July 13-14, 2024. He was also a resource person for a preconference workshop at the National conference on AI in Healthcare: empowering medical professionals for enhanced healthcare delivery, at SDUMC, SDUAHER, Kolar, on July 24-25, 2024. He delivered a presentation on "use of Large language models in Plastic Surgery" during the AMEE Medical Education Conference in Basel, Switzerland, from August 24-28, 2024. He was a faculty member and presented lectures during the National conference of the Association of Plastic Surgeons of India (APSICON 2024) held from September 10-14, 2024, at Coimbatore. He also presented a video lecture during the national conference of the Indian society of Surgery of the Hand (ISSHCON 2024) held from October 4-6, 2024, at Bangalore, India, and a lecture on "Preventive Surgeries in Diabetic Foot" during the CME 'New Learnings in Diabetic Foot Complications' held at JIPMER on December 15, 2024. Additionally, he delivered a lecture during the Annual conference of the Association of Plastic and Reconstructive Surgeons of Odisha (APRASOCON 2025) held from January 11-12, 2025, and participated as a faculty for a workshop during the Annual conference of the Pondicherry Orthopaedic Association held from January 3-5, 2025, at JIPMER. His final listed presentation was "Approach to a Child with Cleft Lip and Plate and Peri neonatal Management. Various Management Protocols with Rationale" during an APSI CME on March 29, 2025.

Participation in Health Camps/ Public Health Awareness/ Education Programme

1. All faculty participated in the Awareness Program on Cleft Lip and Palate Deformities Accredited Social Health Activist (ASHA) Programme on 15th February 2025 in SSB Conference Hall, 3rd Floor, SS Block.

MajorEvents in Department

Visiting Professor in Department

1. Prof Dr Marcus James Dermot Wagstaff, Royal Adelaide Hospital, Australia.
2. Prof Dr Vijay Jaganathan, Pondicherry Institute of Medical Sciences (PIMS), Puducherry on 18th April 2024.
3. Dr Priyadarshan K, Senior Plastic, Microvascular & Cosmetic Surgeon, Bangalore on 21st June 2024.
4. Dr Rajesh Kesavan, Adjunct Professor, SRM Institute & Savitha Medical College, Chennai on 26th June 2024.
5. Prof Dr S Raja Sabapathy, Chairman, Department of Plastic Surgery, Hand and Reconstructive Microsurgery and Burns, Director, Ganga Hospital, Coimbatore on 19th July 2024.

6. Dr G S Radhakrishnan, Professor in Plastic Surgery, Stanley Medical College & IRRH, Chennai on 2nd August 2024.
7. Dr Sandeep Sharma, Plastic Surgeon, APSI Travelling Professor in Cosmetic Surgery, International Ambassador Aesthetic Surgery Journal, Vadodara, Gujarat, India, President, IAAPS (2021-22) visited on 9th September 2024.
8. Dr T M Balakrishnan, Consultant Plastic & Microvascular Surgeon, Coimbatore Medical College, Coimbatore on 22nd November 2024.

Awards and Honours

Dr Ravi Kumar Chittoria received following Awards & Honours:

1. Received 'Best Professor Award in Plastic Surgery - 2024' by Golden Aim Conference & Award For Excellence & Leadership in Healthcare on 9th June 2024.
2. Received 'ISSH Academic Award-2024' by ISSH Academy in ISSHCON 2024 Award ceremony at Bengaluru.
3. Received 'Bharat Gaurav Puraskar - Certificate of Excellence Award' for Outstanding Achievements and Remarkable contribution in the field of Healthcare & Medical Sciences, New Delhi by KTK Outstanding Achievers and Education Foundation on 29th September 2024.
4. Received 'Best Patent Award-2024' in National Education day Awards (NED - 2024) by Knowledge Research Academy, Coimbatore on 11th November 2024.
5. Received Fellowship 'Royal Fellow of the International Organization for Academic and Scientific Development (FIOASD)' on 7th February 2025.

Administrative Assignments

Prof Dr Ravi Kumar Chittoria

1. Associate Dean (Academic)
2. Registrar (Academic) (13th February 2025)
3. Head of IT Wing
4. Officer In-Charge of Telemedicine
5. Officer In-Charge of AIS
6. Nodal Officer of AISHE Project of MHRD, GoI
7. Nodal Officer of JIPMER BIMSTEC Telemedicine Network (JBTN) Project of MEA, GoI
8. Nodal Officer of NMCN Telemedicine Project of MoH&FW, GoI
9. Nodal Officer for NKN Project of DeitY, GoI
10. Nodal Officer for Drone Project of NHSRC, MoH&FW, Govt of India
11. Chairman of Student Grievance Committee
12. Chairman of Telemedicine Committee
13. Chairman of Technical & Evaluation Committee (sports items)
14. Chairman of JIPMER Community Radio Committee.
15. Chairman of Senior Resident Recruitment Committee
16. External Member of AIIMS Bilaspur Website Committee
17. External Member of IT Technical Committee of AIIMS Bilaspur
18. Member of HIS Committee
19. Member of GeM Committee
20. Member of JIPMER Karaikal IT Committee
21. Member of NIRF Ranking Committee
22. Member for India Today Ranking Committee
23. Member of JIPMER Campus Digitalization Committee
24. Member of JIPMER Website Committee
25. Member of Fire Safety Committee
26. Member of Honorarium Committee
27. Member of Convocation Coordination Committee
28. Member of Board of Studies (BOS) for Nursing College for UG/PG Course
29. Member of Academic Advisory Committee (AAC)
30. Member of CCTV Committee
31. Member of eOffice Committee
32. Member of Anti-ragging Committee
33. Member of Research Day Committee
34. Member of CONNAISSANCE Committee
35. Member of JIPMER IT Technical Committee
36. Member of MBBS Counselling Committee
37. Member of SPANDAN Committee
38. Member of MSc/MPH/PBD Course Counselling Committee
39. Member of BSc Course Counselling Committee.
40. Member of JIPMER ID Card Purchase Committee

Devi Prasad Mohapatra

- Invited as subject expert for standing selection committee for AIIMS Mangalagiri, AIIMS Guwahati.
- Nominated as expert from JIPMER for Technical Evaluation Committee for Machinery & Equipments under Negotiated Loan for the office of chief of government pharmacy, Pondicherry.

Prof Dr. Friji M T

1. Head of department of Plastic Surgery and Burn Unit.

2. Officer In Charge Outsourcing Services wing JIPMER.
3. Member JIPMER Scientific Advisory Committee (JSAC).
4. Member of Biomedical waste management committee , JIPMER.
5. Member Hospital Stores Articles Purchase Committee (HSAPC).
6. Member Integrated Security Surveillance Systems (CCTV) Committee
7. Member Board of Studies for Super Specialty Courses.
8. Member Outsourcing services Monitoring committee.
9. Nodal Officer for Centre of Excellence in Trauma and Burn Injury under National Program for the Prevention and management of Trauma and Burn injuries.
10. Invited as subject expert for standing selection committee for AIIMS Mangalagiri.
11. Member of UPSC interview board for the post of Medical officer.
12. Member of UPSC interview Board for the post of Assistant Professor- Plastic and Reconstructive surgery.

Dr. Padmalakshmi

1. Website Nodal officer for the Department.
2. Biomedical Waste Management Nodal officer for the Department.

Department of Preventive and Social Medicine

Faculty List

Professor (Senior scale)

- Dr Gautam Roy
- Dr KC Premarajan

Professor and Head

- Dr Ganesh Kumar S

Professor

- Dr Sonali Sarkar
- Dr Sitanshu Sekhar Kar
- Dr. Swaroop Kumar Sahu
- Dr. Palanivel. C

Additional Professor

- Dr Subitha L
- Dr Mahalakshmy T
- Dr Jayalakshmy R
- Dr Venkatachalam J

Others

Medical Officer (JIRHC)

- Dr. Sunil Jadhav

Medical Officer (JUHC)

- Dr. Devan

Social Scientist

- Dr Zunatha Banu A

departmental Highlights of the Year 2024-25

The department has played an an active role in implementing national health initiatives in 2024-25, aligning our services with the Ayushman Bharat Health and Wellness Centre (AB-HWC) framework. This year, the department actively carried out programs such as Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA), Active Case Finding (ACF) for Tuberculosis, Pradhan Mantri Jan Arogya Yojana (PMJAY), the Ayushman Bhava campaign, and the Viksit Bharat Sankalp Yatra in our rural and urban field practice areas. We also expanded digital health services by introducing telemedicine consultations (Tele-dermatology via e-Sanjeevani) and enhancing the Health Information System (HIS) at both the Rural and Urban Health Centres, enabling better patient care through electronic records and data management.

Our department conducted numerous capacity-building workshops and conferences, including a three-day Mixed Methods Research workshop in April 2024, 14th Basic and Advanced Epidemiology and Health System Strengthening (HSS) workshop, to strengthen research skills among faculty, residents, and public health professionals nationwide. In January 2025, we hosted PUDUCON'25, a joint state conference on public health, in collaboration with the Indian Public Health Association (IPHA) and Indian Association of Preventive and Social Medicine (IAPSM), which brought together around 200 delegates to deliberate on pressing public health issues and foster partnerships.

New patient care services were initiated this year. Dedicated Tobacco Cessation Clinics were launched at both the JIPMER Rural Health Centre (Ramanathapuram) and Urban Health Centre (Kurusukuppam) in November 2024, in collaboration with the Department of Psychiatry. Additionally, Yoga and lifestyle clinics were introduced as part of health promotion activities at the health centers. Both the JIPMER Urban Health Centre (JUHC) and Rural Health Centre (JRHC) successfully underwent external NQAS assessments scoring above 95%, while the Urban Centre also excelled in Kayakalp criteria, reflecting exemplary standards of cleanliness, infection control, and quality care.

The academic training programs of the department continued to excel. Postgraduate students from our department have achieved notable success in national level conferences, and Master of Public Health (MPH) students completed their internships at reputed organizations, securing placements thereafter. Faculty members also received recognition: Dr. Gautam Roy, was honored with a Lifetime Achievement Award by IPHA Puducherry for his outstanding contributions to public health and Dr. Sitanshu Sekhar Kar was awarded the Fellowship of IAPSM for 2024-25. Dr. Gautam Roy served as Director of JIPMER from January 1, 2025, until his retirement on January 31, 2025. The department remains actively involved in numerous research projects, including serving as a hub for the RePORT India TB network and the Health Technology Assessment (HTA) initiative, and engaging in collaborations on public health issues such as tuberculosis, nutrition, and health systems research. We are actively involved in various projects focused on anemia, public health nutrition, gestational diabetes, non-communicable diseases and mental health, contributing to significant advancements in the areas of public health concern. Additionally, our academic collaboration on Global Health Capacity Building with the German Academic Exchange Service continues to advance our research and training initiatives.

Educational Courses

The Department offers training programs for postgraduates in MD (Community Medicine) and Master of Public Health (MPH), open to MBBS and allied health science students (such as B.Sc. MLT, MSc Nursing, and B.Sc. Speech & Hearing). In the academic year 2024-25, eight MD (Community Medicine) students (five in the July session and three in the January session) and 17 MPH students were admitted through the JIPMER Entrance Exam. During the same period, five MD (Community Medicine) students and 18 MPH students graduated from the department. Currently, there are four PhD scholars enrolled under the department.

Departmental Activities for the year

Organised conference/ CME/ workshop

i. The Department organized the Mixed Methods Research Workshop from 23rd to 25th April 2024 at JIPMER. This three-day workshop, coordinated by Dr. Mahalakshmy T, was attended by 32 participants including faculty, residents, and researchers from across the country. Department faculty served as resource persons and provided hands-on training in mixed-method study design and qualitative data analysis.

ii. The Basic and Advanced Epidemiology Workshop was conducted by the Department from 23rd to 30th September 2024. Approximately 25–30 participants attended each module, which included courses on Basic Epidemiology, Regression Analysis, Survival Analysis, and Sample Size Estimation. Department faculty, including Dr. Sonali Sarkar and Dr. Jayalakshmy R, coordinated the workshop, providing valuable training in Epidemiological methods.

iii. A State-Level Capacity Building Workshop on Tobacco Control was held on 24th October 2024 at JIPMER, in collaboration with the Puducherry State Tobacco Control Cell. Sessions covered include tobacco use epidemiology, implementation challenges, and regulatory updates. Faculty from the department, Dr. Sitanshu S. Kar facilitated sessions alongside external experts.

iv. The department, along with the JIPMER International School of Public Health, jointly organized PUDUCON'25 - the Puducherry State Conference on Public Health on 21st to 22nd January 2025. The conference theme was "Promoting Health Through Partnerships" and was inaugurated by state health authorities. Two pre-conference workshops (on Infectious Disease Modelling and on Health Technology Assessment) were conducted, and around 200 delegates participated. Dr. Subitha L (Department of PSM) co-organized the event, which included panel discussions, research presentations, a postgraduate public health quiz, and a valedictory function.

v. The department also organized workshops to strengthen research capacity, including a Qualitative Research Methods workshop on 8th February 2025 and a "Health Technology Assessment – A Primer" workshop on 1st March 2025 (as part of JIPMER Research Day 2025). These workshops were led by departmental faculty and invited experts, and provided an interactive platform for participants to develop skills in qualitative research and health economics.

vi. The National Consultation on Tobacco Product Regulation, convened by the National Tobacco Regulators Forum (NTRF) at JIPMER in partnership with the Ministry of Health and Family Welfare, concluded on March 7, 2025. Over two days, policymakers, health experts, and regulators—led by Dr. Sitanshu Sekhar Kar, Dr. Jayalakshmy R, and inaugurated by Smt. V. Hekali Zhimomi, Dr. L. Swasticharan, Prof. Pratima Murthy, and Prof. Abdoul Hamide—pledged against tobacco use and examined regulatory challenges, chemical monitoring, industry tactics, and enforcement. State panels from Tamil Nadu, Puducherry, Andhra Pradesh, and Karnataka shared best practices. The consultation ended with clear recommendations on enforcement, public awareness, and research.

vii. The department organized a series of National Tuberculosis Elimination Program (NTEP) workshops at JIPMER, including sessions for faculty and residents on 9 December and 10 December 2024, as well as a dedicated workshop for nursing staff on 9 December 2024 and 18 March 2024.

Faculty conference participation

Dr. Gautam Roy served as the organising chairperson for the workshop on qualitative research for project staffs under ICMR-still birth bereavement care project conducted in JIPMER (20-21 February 2025). ***Dr. K. C. Premarajan*** served as Resource person in Global health capacity building meeting held at Hidelberg Institute from 7- 15 August 2024 as part of the Hidelberg Institute of Global health and JIPMER MoU Project. ***Dr. Sonali Sarkar*** served as a keynote speaker at the 5th IAPSM Young Leaders' Conclave on 9–10 November 2024 at AIIMS, New Delhi, presenting "TB Elimination by 2025 – Wishful Thinking or Realistic Possibility?" and "Inter-Generational Dialogue on Motivations, Expectations & Career Opportunities." On 20 January 2025, she chaired the "Routine Immunisation" session at PUDUCON 2025 in JIPMER Puducherry. During the India

Innovation Summit – Pioneering Solutions to End TB (18–19 March 2025, Bharat Mandapam, New Delhi), she contributed to the "Operational Innovations in Community-Wide Screening" panel. She then delivered "An Overview of the InTGS Programme" at the World TB Day programme on 24 March 2025 (DBT/ICMR, New Delhi) and discussed the "Current TB Landscape: Global Indian Context" at the webinar "Bridging Research Gaps in TB: India's Path to Elimination" on 27 March 2025. At the ICMR–Gates Foundation Consultation Meeting (7–8 April 2025, NIHFW New Delhi), she addressed "Impact of Undernutrition on TB Incidence and Mortality." Earlier, from 21–23 August 2024 in Salvador, Brazil, she spoke on the RePORT India consortium at the RePORT International Annual Meeting and subsequently organized its 14th Annual Meeting (9–11 April 2025, CCMB Hyderabad) with approximately 150 delegates. At JIPMER Puducherry, she presented "Case-Control Study" during the Basic Epidemiology course (23–26 September 2024), "Propensity Score Matching" at the Research Circle symposium (20 September 2024), and lectured on Survival Analysis at the PSM workshop (27–28 September 2025). Additionally, she convened the Scientific Committees for both Connaissance 2024 (leading sessions on Study Designs on 29 June and Scientific Writing on 30 June) and JIPMER Research Day 2024. ***Dr. Sitanshu Sekhar Kar*** has contributed extensively to health-professional education and health-economics capacity building. As resource faculty and organising-team member, he led the 91st and 92nd National Course on Educational Science for Teachers of Health Professionals (JIPMER, virtual Oct 2024 & Feb 2025) and the ACME, BCME & CISP workshops (virtual Aug 2024 & Feb 2025). From April to June 2024, he co-planned and taught in FAIMER's online Regional Institute Fellowship. In April 2024, he helped organise the Mixed Methods Design workshop, and in September 2024, the 14th Basic and Advanced courses in Epidemiology and Regression. He was the organising chairperson for the state-level PUDUCON 25 conference (Jan 2025) and conducted a preconference "HTA: a primer" workshop at JIPMER's 8th Research Day (Mar 2025). He served as resource faculty for DHR-sponsored HTA trainings (Apr 2024–Mar 2025) and delivered a plenary on "Ethics at the Heart of Health Priority Setting" at the HiTAP Priorities Conference in Bangkok (May 2024). ***Dr. Kar***'s international engagements include an exchange visit to the Heidelberg Institute of Global Health (Aug 2024), participation in the Geneva workshop on health-inequality aversion (Nov 2024), and completion of a DCEA course at NUS (Feb 2025). ***Dr. Ganesh Kumar S*** served as the organising chairperson for the Basic and Advanced Epidemiology workshop (23–28 September 2024). He chaired the state-level PUDUCON 25 (Joint IPHA-IAPSM state conference) in Puducherry on 21–22 January 2025. ***Dr. Swaroop Kumar Sahu*** has organized multiple National Tuberculosis Elimination Program (NTEP) workshops at JIPMER as a nodal officer: two sessions for faculty and residents on 9 and 10 December 2024 and a dedicated workshop for nursing staff on 9 December 2024 and 18 March 2024. He chaired a session at the XXIVth APCRICON-2024 conference in Bhubaneswar on 3–4 August 2024, participated in the national seminar "Yoga Research and Evidence Based Yoga Therapy" at S-VYASA, Bangalore on 17–18 February 2025, and served as a resource person at PUDUCON'25 (Joint IPHA-IAPSM state conference) in Puducherry on 21–22 January 2025. He also contributes as an external expert and DC committee member for PhD theses. ***Dr. Palanivel C*** presented two research papers "Latent Tuberculosis Infection Among Healthcare Workers in a Tertiary Care Hospital of Puducherry, South India, 2023" and "The Impact of TB on Climate Change (Experience from India)- at the Union World Conference on Lung Health 2024, held from November 12 to 16 in Bali, Indonesia. ***Dr. Subitha L*** co-chaired a session on 'TB undernutrition: Everybody's concern' at the Union World Conference on Lung Health, held in Bali, Indonesia, from November 12-16, 2024. She also presented a paper titled 'Community Action on Lifestyle Modification (CALM) intervention for health and wellness in a high NCD burden setting' at the 52nd National Conference of the Indian Association of Preventive & Social Medicine held in Srinagar from April 11-13, 2025. ***Dr. Mahalakshmy T*** coordinated the "Mixed Methods Design" workshop (Dept. PSM, Apr 23–25, 2024), contributed to the organising teams for the Basic & Advanced courses in Epidemiology and Diagnostic Accuracy (Sept 23–28, 2024) and the 4th National Workshop on Health System Strengthening (Nov 19–23, 2024). As resource person, she supported the "Scientific Paper Writing" workshop in Odisha (Feb 22, 2025), the SET workshop at AIIMS Delhi (Nov 13–14, 2024), the "Health Policy and Systems Research" primer at the 27th IAPSM UP/Uttarakhand conference, and research methodology sessions at AIIMS Madurai's Faculty Development Program. She also served on the organising team and as resource person for the state-level "PUDUCON 25" conference (Jan 19–22, 2025). ***Dr. Jayalakshmy R*** was the resource person of Basic and advanced epidemiology workshop in September 2024 (4 days) and sample size workshop (two days) 2024. She attended coordination meeting as a part of HIGH project at Heidelberg university at Germany during 7th to 15th August 2024, which included theoretical lectures, field activities, and simulation exercises. She facilitated State Level Co-ordination Committee Meeting (SLCC) and workshop for tobacco control program in 2024 was conducted as a

part of NTRF team. Dr. Jayalakshmy was a resource person for Scientific writing workshop in CONNAISSANCE 2024, JIPMER, Mixed methods design organized by Dept of PSM, JIPMER on 23 to 25 April, 2024, Thesis writing workshop for MPH candidates. She has served as a resource person at PUDUCON 2025 and co-convened the NTRF state-level consultation meeting held at JIPMER from 5th to 7th March 2025. In addition, she led the qualitative methods workshop during JIPMER's Research Day and coordinated the Postgraduate Diploma in Family Medicine (PGDFM) program offered by the Distance Education Department of CMC Vellore. ***Dr. Venkatachalam J*** served as an Organising Secretary for the National Health System Strengthening workshop (19–24 November 2024) and for the workshop on qualitative research for project staffs under ICMR-still birth bereavement care project conducted in JIPMER (20-21 February 2025). He was also the organising secretary for both Basic and Advanced Epidemiology workshop (23–28 September 2024) and the CONNAISSANCE Research Methodology workshop at JIPMER, Puducherry (4–5 April 2025). He presented a research paper entitled "Association between Common Mental Disorder and Glycemic Control in Women with Gestational Diabetes: A Mixed Method Study" at Ramaiah Medical College, Bengaluru (6–8 October 2023) and a poster on "Navigating Health Perspectives and Challenges in the Post-COVID Phase, Puducherry" at the IAPSM National Conference 2025. As an expert, he participated in a regional round-table discussion on Non-Communicable Diseases at Pondicherry Institute of Medical Sciences in collaboration with ECHO India and was part of the expert group for the two-day rATA training workshop at St. John's Medical College, Bengaluru (22–23 August 2024). He served as resource person for the Postgraduate orientation session on "Ethics Proforma and Informed Consent Document" organized by the Department of Medical Education, JIPMER in 2025, and chaired sessions on "Soft Skills Development for Nurses" at JIPMER in March 2024 as well as on "Sustainable Development Goals" and the "National Health Mission" at the Vector Control Research Centre in February 2024. Additionally, he contributed to expert groups on the "Bereavement Care Concept" and to a proposed national multicentric task force at ICMR Headquarters, New Delhi during 2023 and 2024. He also served as a judge for the oral presentations at the Indian Association of Preventive and Social Medicine (IAPSM) National Conference 2025. ***Dr. Zunatha Banu A*** was a resource person for the workshop on Data collection software in Social Work Research organized by the Bharathidasan University on 18th Dec 2024. She was also a resource person for Data Analysis & Epi Data Collect Software organized by Cauvery College for Women, Tiruchirappalli on 27th January 2025. She participated in PUDUCON'25 from 21st to 23rd January, a state conference on public health. She was a part of the expert group for the two-day rATA training workshop at St. John's Medical College, Bengaluru (22–23 August 2024).

Major events in Department

New services started

a. Tobacco Cessation Clinics were inaugurated at both JIRHC and JUHC in November 2024, offering weekly cessation counseling and therapy services in collaboration with Psychiatry.

b. The JIPMER International School of Public Health (JISPH) was established as an academic initiative in 2024, with Dr. S.S. Kar as Officer-in-Charge, to focus on global health capacity-building and research collaborations.

New academic course started

As part of JIPMER-HIGH project in collaboration with Heidelberg University, Germany, a course on One Health was developed for Postgraduate trainees.

Awards and Honours

Dr. Gautam Roy was honored with a Lifetime Achievement Award by the IPHA Puducherry Chapter during PUDUCON'25 (Jan 2025) for his outstanding contributions to the field of public health. ***Dr. Sitanshu Sekhar Kar*** was awarded the Fellowship of the Indian Association of Preventive and Social Medicine (IAPSM) for 2024–25 in recognition of his leadership in public health. He also serves on the Board of Directors of the HTAsiaLink Network of health-technology assessment bodies across the Asia-Pacific region (2023–2025) and leads the DAAD-funded "Global Health Capacity Building in India" project under the SDG-DAAD Partnership Funding Line II (2023–2026). Additionally, MD Community Medicine and MPH students received prizes for best paper/poster presentations at various conferences in 2024-25, reflecting their expertise and the quality of training in the department.

Administrative Assignments

Dr. Gautam Roy retired from the Institute in 2024, after having served as Professor (Senior Scale) and contributing to various institutional committees (Curriculum Committee of AIIMS Rishikesh, Local Research Advisory Committee of the Model Rural Health Research Unit, Puducherry, Sponsored Clinical Trial Committee, and Board of Studies for MPH at VCRC, Puducherry) during his tenure. ***Dr. K. C. Premarajan*** has been the Project Co-ordinator for infrastructure development project being executed by HLL and CPWD and other agencies in JIPMER. He is member

of the Director's Advisory Group, a member of Project Management Committee, JIPMER, Karaikal Project, a member of Task force on Fire safety, a member of anti-ragging committee, member of JIPMER Power project and water conservation committee, member of the External Expert Committee for Equipment Procurement and award of maintenance Contract, Raja Muthaiah Medical College, Chidambaram. He is also the warden of Osler's house. He is in-charge of the Engineering section and Facility Management services being executed by HITES (FM) including operationalization and Management services. ***Dr. Sonali Sarkar*** serves as Faculty-in-Charge (Academics) at JISPH and holds memberships on key JIPMER committees—including the Press Committee, the PhD Research Monitoring Committee, and the Nursing Research Monitoring Committee. She is a member on the ICMR Extramural Program's Budget Review Committee for Investigator-Initiated Research Projects and is an external expert for the Health Ministry's Screening Committee (HMSC) within ICMR's International Health Division. Additionally, she mentors four PhD candidates in the interdisciplinary BRIC-RCB i3C PhD Immersion Programme (January–March 2025). ***Dr. Sitanshu Sekhar Kar*** served as Head of Preventive & Social Medicine from July 2021 to June 2024 and was appointed Officer-in-Charge of the JIPMER International School of Public Health in 2024. He was elected President of the Indian Association of Public Health for 2025–2027 and continues as Joint Editor of the Indian Journal of Public Health (2022–2025). Internationally, he sits on the HTAsiaLink Network Board (Nov 2023–May 2025) and the ICRAG 2 steering committee at St. John's Medical College (2024–2029). Nationally, he serves on the DHR's HTAIn Project Appraisal Committee, NACO's National Ethics Committee, and the Core Committee of JIPMER's Medical Education Unit. ***Dr. Kar*** convenes the MoHFW's National Tobacco Regulatory Forum, contributes to the NTCP Steering Committee, and is a member of multiple Boards of Studies (KIIT SPH, AIIMS-Guwahati, AIIMS-Bilaspur). He also leads integrated teaching for 7th-semester MBBS students. ***Dr. Ganesh Kumar S*** took charge as Head of the Department in July 2024. He has been a member of the Editorial board of the Journal of Natural Science, Biology and Medicine, Editor in Journal of Pioneering in Medical Sciences and Journal of Health Research and review, supervisor and mentor for guiding Ph.D scholars, reviewer in national and international journals. He is also the Faculty Coordinator for Allied Health Sciences teaching (B.Sc. MLT and other courses) in the department.

Dr. Swaroop Kumar Sahu is the Faculty-in-Charge of MBBS teaching and the Family Health Advisory Programme (FHAP), contributes to the JIUHC faculty team and oversees Yoga services, assists in planning and supervising Post-Graduate and MPH training activities, and participates in the mentorship program for MBBS students. He serves as Secretary of JIPMER International and National Collaboration Cell (JINCC) or MOU committee, contributing to various collaborations with JIPMER. He is a member of the Puducherry State Task Force for National Tuberculosis Elimination Program (NTEP) and the NTEP Core Committee for JIPMER. He is also a member of the Board of Studies of the Department of Community Medicine at Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar, the Internal Quality Assurance Cell (IQAC) at Pondicherry Institute of Medical Sciences (PIMS), and the Institutional Human Ethics Committees (IHEC) of both Siddha Regional Research Institute (SRRI) and Sri Aurobindo Society, Puducherry. Dr. Sahu coordinates Active Case Finding for TB in the field and at JIPMER, and contributes to the editorial board of the Public Health Action (PHA) journal. ***Dr. Palanivel C*** serves as a member of the Institutional Ethics Committee for Observational Studies and as Member Secretary of the Department of Preventive and Social Medicine's Postgraduate Research Monitoring Committee (PGRMC). In 2024, the Ministry of Health and Family Welfare appointed him as Nodal Person for JIPMER's Centre of Excellence under the National Action Plan for Climate Change and Human Health (NAPCCHH), where he oversees related research and training initiatives. ***Dr. Subitha L*** holds the position of Associate Dean (Research) at JIPMER and continues to serve on the institute's Learning Resource Allowance committee. She coordinated the Part II MPH teaching modules and the MPH internship program. From July 2024, she assumed charge as Faculty in-charge of JIPMER Rural Health Centre, Ramanathapuram. She was also elected Secretary of the IPHA Puducherry State Branch in 2024, facilitating professional activities and collaborations in public health across the region. ***Dr. Mahalakshmy T*** is the Undergraduate Education Coordinator for the department, overseeing MBBS curriculum and assessments. She serves as Joint Secretary of the JIPMER Scientific Advisory Committee (JSAC) and is a member of the Intramural Research Fund (IMRF) Committee. She serves as the Co-Convenor for the Basic Course in Medical Education (BCME) at JIPMER's NMC Nodal Centre. In July 2024, she took over as Faculty in-charge of the Urban Health Centre at Kurusukuppam, where she now oversees community health activities and training. **Dr. Jayalakshmy R** assists in coordination of the MPH Part I coursework, including formative assessments and examinations. She served as Faculty in-charge of the Urban Health Centre, Kurusukuppam until mid-2024, during which she organized several staff capacity-building activities and coordinated various national

health programs. She continues to be actively involved in tobacco control initiatives as a Co-Convenor of the National Tobacco Regulators Forum, participating in national workshops and meetings on tobacco product regulation. Executive member of IPHA, state chapter. She also serves as the Departmental Coordinator for the Integrated Disease Surveillance Programme (IDSP). ***Dr. Venkatachalam J*** is the Faculty Coordinator for the MBBS Community Medicine curriculum and serves as the departmental Nodal Officer for IDSP at JIPMER. He is also the Nodal Officer for the Multi-Institutional Scientific Committee (MISC) at JIPMER and a member of the Institute Ethics Committee. Dr. Venkatachalam is the Member-Secretary of the JIPMER Kayakalp Community Monitoring panel and a member of the Biomedical Waste Management Committee of the institute. He has also been an Executive Member of the IPHA Puducherry Chapter, contributing to public health advocacy in the region. Further institutional commitments include membership of the Nursing Research Monitoring Committee and the Outreach Cell Committee, as well as appointment to the Group B Officers' Cadre Restructuring Committee. He is an Executive Member of both the Indian Public Health Association (Puducherry Chapter) and the Indian Association of Preventive and Social Medicine (IAPSM), and he contributes to ethical oversight as a member of the Ethics Committee for Intervention Studies at JIPMER and of the Ethics Committee at Sri Venkateshwara Medical College, Puducherry. Additionally, he has overseen logistics as Officer-in-Charge of the transport section for the CONNAISSANCE and SPANDAN events. ***Dr. Zunatha Banu A*** serves as the Social Scientist in the department. She coordinates the field-work placement training for Master of Social Work (MSW) students of Pondicherry University at the department's rural and urban health centers. She also contributes to community outreach activities and health education campaigns organized by the department.

JIPMER Rural Health Centre

- JIPMER Rural Health Centre (JRHC), Ramanathapuram, was started in 1966 to provide primary health care to our defined community and to impart training for interns, exposure of undergraduate MBBS students and MPH trainees to the community.
- There are four wards covered under JIPMER Rural Health Centre - Ramanathapuram, Thondamanatham, Thuthipet and Pillayarkuppam, catering to around 10,000 population.

List of Faculty posted at JRHC, Ramanathapuram

Sl. No.	Name	Designation
1	Dr. Gautam Roy	Professor (Senior Scale)
2	Dr. Sonali Sarkar	Professor & Faculty in charge of JRHC until June 2024
3	Dr. Ganesh Kumar. S	Professor & Head
4	Dr. Palanivel. C	Professor
5	Dr. Subitha. L	Additional professor Faculty in charge of JRHC from July 2024

List of staff posted at JRHC, Ramanathapuram

Medical Officer (In-Charge)	Old team: Dr. Sunil J, Dr. Pratima Agarwal (Till February 2025) New team: Dr. Vadivel, Dr. Pratima Agarwal
Public Health Nurse Officer	Old team: Mrs. Komathi, Mrs. Jayanthi (Till March 2025) New team: Mrs. Komathi, Mrs. Prabha (From April 2025)
Senior Nursing Officers	Old team: Mr. Sundara Bharati, New team: Mrs. Kumareshwari
Nursing Officers	Old team: Mrs. Lalitha, Mrs. Kavitha, Mrs. Umamaheswari New team: Mrs. Sabari, Ms. Kavitha, Ms. Divya
Senior and Junior Residents	SR: Dr. Anurag Gola (April 2024 – September 2024), Dr. Ismail (October 2024 – March 2025) JR: 3
Medical Social Worker	Mrs. Chitrakala
Pharmacist	Old team: Mrs. Valentine, Mrs. Selvamani New team: Mr. Tajdeen, Mrs. Saritha
Lab-Technician	Mr. Mohanraj
Junior Administrative Assistant	Mr. Pazhanisamy
Medical Records Clerk	Mr. Mukesh Kumar
ANM	Mrs. Durgadevi, Ms. Jeevitha, Ms. Anusuya, Ms. Sowmiya

ASHA	Mrs. Satya, Mrs. Vijayalakshmy, Mrs. Devy, Mrs. Marie
UDS	Mr. Kiruthikananthan, Ms. Selvaarasi, Mr. Vimalraj, Ms. Malarvizhi, Mr. Sasikumar, Ms. Bakiyalakshmi, Mr. Suriyakuman
DRL	Mr. Matchagandhi, Ms. Geetha, Ms. Adhilakshmi, Ms. Rani
Sodexo	Mr. Karthikeyan R, Mr. Chandiramavulee S, Mr. Karthikeyan S, Mr. Karthikayan K, Mr. Rajesh P, Mr. Arunraj N

Outreach activities conducted from April 2024 to March 2025

1. **VHND (Village Health & Nutrition Day):** A team from JRHC conducts outreach activities at the Anganwadi four times a month. The activities include a demonstration on nutritious food preparation, health education on nutrition, breastfeeding and immunization, sensitization to active case finding for tuberculosis, and awareness regarding HPV vaccination.
2. **School Health Programme:** School immunization, IFA supplementation, deworming, height & weight measurement, and health education regarding nutrition, menstrual hygiene, and mental and physical health were given.
3. **NCD-clinic in Thondamanatham and Thuthipet:** JRHC team conduct NCD outreach clinics in Thondamanatham and Thuthipet every month. The clinic entails follow-up sessions for registered patients, which include medicine distribution, screening for complications and conducting routine blood investigations.
4. **Adolescent Health clinic:** Team from JRHC conducts outreach adolescent health clinic and activites at anganwadis four times a month. The activities includes health education on adolescent health and hygiene, substance abuse, nutritious food, menstrual hygiene and mental & physical health. Screening for malnutrition & anaemia and clarification of health and hygiene related queries will also be done.

Special activities

1. **Telemedicine – Dermatology -** In patient have dermatological condition with diagnostic difficulty by RHC team, the case will be consulted through whatsApp group Dermatology Teleconsultation UHC & RHC with faculty from Dept of Dermatology JIPMER. Experts will the review the case and give recommendation on further management of the case.
2. **JIPMER ED-RHC Tele-Care Pathway -** In emergency cases with diagnostic difficulty and requires advice on further management in case of emergency will be posted in WhatsApp group "JIPMER ED-RHC Tele-Care Pathway". Faculty, senior residents from Dept of Emergency Medicine, JIPMER will review the case and help in further management. And emergency cases referred to JIPMER by ambulance are also informed in the group to prevent delay in care in emergency.
3. **e-Sanjeevani -** Patients with health condition that needs specialist consultation for management will be uploaded in the e-Sanjeevani website using RHC user ID, and the special consultation will be carried out online, and recommendations on further management will be provided.
4. **TCC Launch in JRHC -** The Tobacco Cessation Clinic was inaugurated on 22nd November 2024 in JRHC. A training session for staff, residents and interns was conducted by the Department of Psychiatry, JIPMER, regarding the initiation of the tobacco cessation clinic. SOP was prepared for the clinic, and TCC has been conducted every Friday since then. Beneficiaries of the TCC clinic are being mobilised from the OPD, special clinics and the field.
5. **Provision of Aids to Persons with Disabilities under the ALIMCO Scheme**

   The Artificial Limbs Manufacturing Corporation of India (ALIMCO) is a Government of India enterprise dedicated to producing and distributing high-quality assistive devices for persons with disabilities (PwDs). Established to empower PwDs, ALIMCO operates under the Department of Empowerment of Persons with Disabilities (DEPwD) and plays a pivotal role in implementing schemes like the Assistance to Disabled Persons for Purchase/Fitting of Aids/ Appliances (ADIP Scheme). The primary objective of the ALIMCO initiative is to provide durable, modern, and scientifically manufactured assistive devices to PwDs, thus enhancing their physical, social, and psychological rehabilitation. This initiative aims to promote their well-being and facilitate their integration into mainstream society.

   - Beneficiary Identification: Identify PwDs in need within the service area, focusing on those from economically weaker sections.
   - Assistive Device Distribution: Provide appropriate aids and appliances to eligible beneficiaries to improve their mobility and functionality.
   - Awareness and Outreach: Conduct camps and workshops to raise awareness about available assistance and ensure maximum outreach.

Implementing the ALIMCO scheme at our Rural Health Centre has significantly benefited persons with disabilities in our service area. Providing essential assistive devices and conducting awareness programs has empowered beneficiaries to lead more independent and fulfilling lives. Continuous monitoring and feedback mechanisms are in place to ensure the sustained success of this initiative.

6. 100-day TB campaign

Launched on December 7, 2024, the 100-Day TB Elimination Campaign is an intensive effort by the Ministry of Health and Family Welfare to accelerate TB case detection and treatment across 347 high-burden districts in 33 states and union territories. This campaign is critical to India's strategy to eliminate TB by 2025. The campaign aims to rapidly enhance TB case detection, reduce diagnostic delays, and improve treatment outcomes through focused interventions over 100 days.

Target and Goals

- Enhanced Case Detection: Intensify efforts to identify undiagnosed TB cases in high-burden districts within the 100-day timeframe.
- Prompt Treatment Initiation: Ensure all diagnosed TB patients commence treatment immediately to curb transmission.
- Community Engagement: Increase awareness about TB symptoms and the importance of early diagnosis and treatment adherence.
- Health System Strengthening: Enhance the capacity of healthcare workers through training and resource allocation to effectively manage TB cases.

Adult BCG Vaccination

The Bacille Calmette-Guérin (BCG) vaccine has been a cornerstone in TB prevention, primarily administered to infants. Recent considerations have explored the potential benefits of BCG vaccination in adults, especially among high-risk groups, as part of the broader strategy to eliminate TB by 2025. The objective is to evaluate the efficacy of BCG vaccination in reducing TB incidence among adults in high-risk populations.

Target and Goals

High-Risk Groups: Target adults with latent TB infection, healthcare workers, and close contacts of TB patients for vaccination.

Vaccination Coverage: Achieve high coverage in identified high-risk groups within specified timeframes.

Safety Monitoring: Implement robust monitoring systems to track adverse events and vaccine efficacy.

Adult BCG vaccination was conducted in service area of RHC from 27.05.2024 to 16.10.2024.

S.No.	Indicator	Numbers	Percentage
1	Number of high-risk individuals enumerated	1629	
2	Past H/O TB	14	0.9
3	Contact of TB	47	2.9
4	Age >60 years	891	54.7
5	BMI <18	4	0.2
6	Individuals with Diabetes Mellitus	599	36.8
7	Individuals with a smoking history	74	4.5
8	Number of high-risk individuals vaccinated	466	28.6
9	Number of adverse events reported	0	0

7. Swacchata Hi Seva - The Swachhatha Hi Seva cleaning drive was conducted at Pillaiyarkuppam community hall surroundings on 29.09.2024. It was attended by Faculty, Medical officers, MBBS interns, MPH trainees, PSM residents and JRHC staffs.

8. Medical camp at car festival in Pillaiyarkuppam - Medical camp at Koothandavar temple festival, Pillaiyarkuppam was conducted on 23rd and 24th April, 2024. Health awareness regarding safe sexual practice and distribution of condoms was done. Pamphlet distribution to raise awareness regarding adult BCG vaccination was done.

9. Nikshaya Mitra Scheme - Under the Nikshaya Mitra Scheme senior and junior residents of JRHC have adopted four TB patients in our service area. Nutritional supplements were to all the beneficiaries on 20th May, 2024. In addition, employees of Power Grid Corporation enrolled as Nikshay Mitras and Nutritional kits were distributed to TB patients in the service area on 27th February 2025.

10. Dengue Source Reduction Activities - Dengue source reduction activities was carried out in our JRHC campus along with health education and awareness on dengue given to people in our service area. Also, ICMR Vector Control Research Centre (VCRC) team visited the centre and provided

train for dengue source identification and various methods for mosquito source reduction.

11. **Awareness on vector-borne diseases - Health education regarding waterborne** diseases was given in Thondamanatham on 6th August. Malaria awareness through a rally with the involvement of school students. Health education regarding mosquito breeding, source reduction and water-sanitation is given by JRHC team in Thuthipet. Anti-dengue program was conducted in the Government Primary School (GPS) in the form of a skit, a quiz competition, and health education.
12. **Clean Air for Blue Skies** - On October 7th, 2024, a health promotion event was held in Ramanathapuram to observe "Clean Air for Blue Skies". Health talk on the sources of indoor and outdoor air pollution, its impact on health and the environment, and measures to mitigate these issues at both the individual and community levels. Blood pressure and sugar testing and nutritious snacks were provided at the end of the event.
13. **Kit distribution for individual with filariasis** - Morbidity management and disability prevention kits were distributed for individuals with filariasis in the service area on 4th February . Health education given on appropriate use of the kit.

Days of Public Health Importance observed

1. **World Health Day 2024 (07th Apr 2024)**

   World Health Day was observed in JRHC on the theme of "My Health, My Right. In relation to rangoli, cooking and badminton competitions were held. Health walk to raise health awareness to emphasise WASH practices by students from Govt. Primary School, Ramanathapuram, was conducted.

2. **World Oral Health Day**

   As part of the World Oral Health Day celebration, an event was held at the Government Primary School in Thuthipet on 03.04.2024 to raise awareness about oral hygiene. Toothbrushes and toothpaste were provided, and prophylactic fluoride applications were performed.

3. **World Menstrual Day**

   Health awareness sessions were conducted to raise awareness about menstrual health and hygiene. Practical advice on the usage of sanitary products and the importance of maintaining proper hygiene were emphasised during the session.

4. **World No Tobacco Day**

   As part of World No Tobacco Day, an event was held on 07.06.2024 to raise awareness about the ill effects of tobacco usage. Interns performed a skit, and the JRHC team made the No Tobacco Pledge. An awareness program on Substance abuse and Tobacco usage at Thuthipet Glass Factory, where Dr.R.Suryakumar, State Tobacco Consultant, shared his insights regarding the ill effects of tobacco. Workers were screened for blood pressure, RBS, and haemoglobin status. Female workers were counselled for screening for cervical cancer.

5. **International Yoga Day**

   As part of International Yoga Day, Yoga training activity was held at Govt. Primary School, Ramanathapuram on 28th June 2024. Around 40 students from the 3rd to 5th grades took part in the event.

6. **Stop Diarrhoea Campaign**

   As part of the Stop Diarrhoea Campaign, the ORS & zinc corner was set up in our JRHC. A health talk was given about the causes and prevention of diarrhoea, the importance of cleanliness and proper sanitation. Importance of use of Oral Rehydration Solution (ORS) and Zinc for management of diarrhoea in children, along with correct methods of preparation of ORS and methods for maintaining hygiene to prevent diarrhoea.

7. **World Population Day**

   On 11 July 2024, in view of World Population Day, a program was conducted in our JRHC. Health education on different family planning methods and demonstrations regarding the use of different types of contraceptives were given.

8. **National Deworming Day (NDD)**

   NDD was observed in all schools of our service area on 12th August 2024 and 10th February 2025. Albendazole tablet was distributed among students. Handwashing was demonstrated. A health talk on nutritious food, health & and hygiene was given.

9. **World Heart Day observation**

   On October 1st, 2024, a health awareness session was held at the Thondamanatham NCD Clinic. The discussion focused on modifiable risk factors for coronary artery disease (CAD), such as diet, inactivity, tobacco, and alcohol use. Participants were educated on adopting a heart- healthy lifestyle, including yoga and meditation, and they were encouraged for yoga clinic at JRHC.

10. **World Mental Health Day**

    World Mental Health Day was celebrated on October 18, 2024, with the theme of workplace mental health set by the World Federation of Mental Health. A session was organized for all JRHC staff, focusing on improving mental health in the workplace through various engaging activities and encouraging participation from all members.

11. **World Occupational therapy day**

    A small program has been conducted on 06.11.24 in JRHC and in service of Thondamanatham by the

Department of PMR, JIPMER where importance of ergonomics and posture correction has been explained in detail by demonstration and video. Staff members from JRHC and workers from MNERGA has participated in the event and clarified the doubts at the end of session.

12. International Day of Elderly Persons

International Day of Elderly Persons was celebrated in JRHC on 05.11.24. Health awareness on problems of elderly, common ailment management has been discussed. Joint movement exercises and ways of health wellbeing has been taught to patients attending NCD clinic.

13. No Scalpel Vasectomy Fortnight

For observation of No Scalpel Vasectomy Fortnight, a group discussion was organized by JIPMER Rural Health Centre on 24.12.2024 (Tuesday) to explore the role of men in contraception and planned parenthood. The session was attended by approximately 10 men and women of reproductive age who actively participated in the discussion. The discussion was moderated by a team comprising medical officers, a medical social worker, and a resident. The event aimed to raise awareness about male involvement in family planning and to encourage informed discussions on contraception choices.

14. World TB Day

On the eve of World TB Day, an event was held in JRHC on 24th March. Health talk was given outlining various initiatives the health system took with respect to TB. This was followed by an inspiring talk by a TB Champion highlighting his journey to recovery from TB. A skit by ASHA and ANM showcasing the continuum of care in TB disease was conducted. An entertaining puppet show was carried out to sensitise people on various aspects of the disease. Nutrition baskets were distributed by Nikshay Mitras from Power Grid Corporation.

15. World Health Day- 'Healthy Beginnings and Hopeful Futures'

Aligning with the theme of World Health Day, 'Healthy Beginnings and Hopeful Futures', Mr. Raghu, Lactational Counsellor from the Department of Neonatology, delivered an interactive health talk on Importance of Breastfeeding, skin to skin care, proper positioning, and dos and don'ts during Postnatal period, followed by a doubt clearing session with postal natal mothers. An interactive quiz was conducted by Dr. Sukumar, Junior resident, Department of Paediatrics, for postnatal mothers on feeding and child growth.

Workshops, Training sessions, and health education

1. Internal Internship Program

Internal internship program was conducted for MPH-II trainees in two batches from 1st-30th of July. They worked on various assignments for improving the service delivery and health system strengthening at the centre. They submitted their reports on the tasks assigned, namely, needs assessment of elderly for assistive devices, PMJAY card distribution, school health camps, establishing a tobacco cessation clinic, water quality monitoring etc

2. POSHAN-Maah celebration

POSHAN-Maah was celebrated in Ramanathapuram Town Anganwadi centre on 28.09.2024. Features of complimentary food and practices were explained to the beneficiaries. Delicious and nutritious food were displayed and prizes were distributed accordingly.

3. NQAS (National Quality Assurance Standards) State evaluation

A team deputed from the State government visited JIPMER RHC, Ramanthapuram for NQAS External Assessment on 25th February. The team reviewed all activities, documentation and interviewed staff. They appreciated the good practices and gave certain recommendations for improvement

NQAS assessment 2024-25

State level NQAS assessment of JRHC conducted on 26.02.2025

UT of Puducherry • 2024-25 NQAS. State Certification							
Name of the Health facility, NIN and date	Aggregate score of the Health Facility	Score of each dept	Segregated score in each area of concern	Scores of core standards	Individual standard wise score	Patient Satisfaction Score (PSS)	State Certification
JIRHC Ramanathapuram NIN 3212512465 26.2.25	95.48%	All departments are above 65%	All are above 55%	All are above 55%	All are above 45%	Above 55%	State Certified

JIPMER Urban Health Centre (JUHC), Kurusukuppam

- JIPMER Urban Health Centre (JUHC), Kurusukuppam, was started in the year 1964 to provide primary health care to our defined community and to impart training for interns, exposure of undergraduate students, postgraduate students and M.PH trainees to the community.
- There are 4 wards covered under JIPMER Urban Health Centre - Vaithikuppam, Kurusukuppam, Vazhaikulam & Chinnayapuram catering to around 10,000 population.

List of Faculty posted at JUHC, Kurusukuppam

Sl. No.	Name	Designation
1	Dr Premarajan K C	Professor
2	Dr Sitanshu Sekhar Kar	Professor
3	Dr Swaroop Kumar Sahu	Professor
4	Dr Mahalakshmy T	Additional professor, Faculty in Charge of JUHC (July 2024 onwards)
5	Dr Jayalakshmy R	Additional professor, Faculty in Charge of JUHC (April – June 2024)
6	Dr Venkatachalam J	Additional professor

List of staff posted at JUHC, Kurusukuppam

Medical Officer (In-Charge)	Dr. Devan
Public Health Nurse Officer	Mrs Rathna J, Mrs Shobana
Nursing Officers	Mrs Divya K. S., Mrs Sudha
Senior and Junior Residents	SR: 1, JR: 3
Medical Social Worker	Mr. Sivakumar, Mr. Saranraj (February, March 2025)
Pharmacist	Mr. Jagabar Sathick (April – August 2024) Mrs. Valentine, Mrs. Selvamani (September 2024 onwards)
Lab-Technician	Mr. Muthuvel
Upper Division Clerk	Mr. Anbuselvam
Medical Records Clerk	Mr. Balu
ANM	Ms. Aiswarya, Mrs Pavithra
ASHA	Mrs Uma Maheswari, Mrs Stella Mary
UDS	Mrs Kalpana, Mrs Shanthi, Mrs Visalatchi
DRL	Mr. Siva

NQAS assessment

UPHC Quality Score Card			
Dressing Room & Emergency	General Clinic	Maternity Health	New Born & Child Health
83.9	88.5	95.1	90.2
Immunization	UPHC Score		Family Planning
94.3			72.9
Communicable Disease	84.7		Non Communicable Disease
88.1			81.9
Outreach	Pharmacy	Laboratory	General Administration
90.2	78.0	80.3	78.5

Outreach activities conducted from April 2024 to March 2025

1. **100 Days TB Screening Campaign (January 2025):** As part of 100-day TB campaign, a portable X-ray camp screened 120 patients who were part of vulnerable population were line listed and screened at the centre and at a camp in Chinnaiyapuram. 28 abnormal X rays were identified and followed up with sputum samples taken at spot or early morning.
2. **National Deworming Day (February 2025):** All schools in service area which include Francis Assissi, Calve college, GPS, NKC and Deepsthal were part of program. Albendazole tablets were distributed to 772 children across schools and Anganwadi centers.

Special activities conducted during April 2024 to March 2025

1. **NQAS Assessment (January 2025):** External assessment of JUHC covering 12 thematic areas, scoring 84.83, making JUHC eligible for national-level evaluation
2. **Kayakalp Assessment (February 2025):** A hygiene and cleanliness audit conducted by external investigators
3. **Swachhata hi Seva Campaign (September 2024):** A beach cleanup drive in Vaithikuppam with participation from faculty, residents, and interns, followed by a rally and a cleanliness pledge

Camps conducted during April 2024 to March 2025

1. **School Immunization Camp (August 2024):** Vaccination drive in service area schools (GPS Kurusukuppam, Francis Assisi, Calve, Deepsthal schools) - Td and DPT booster vaccines
2. **Palliative Care Screening Camp (September 2024):** Conducted by ALIMCO, assessing 14 patients for assistive aids, with 10 beneficiaries identified
3. **Cervical Cancer Screening Camp (January 2025):** PAP smear tests were conducted for 54 eligible women at anganwadis as part of a community outreach initiative.

Public Health Activities conducted during April 2024 to March 2025

1. **World Health Day (April 2024):** Celebrated with elocution, drawing competitions, and health demonstrations on diabetic foot care, immunization, and antenatal care
2. **Stop Diarrhoea Campaign (July 2024):** Awareness sessions on ORS preparation, hydration, and hygiene, with ORS and Zinc corners set up in schools and Anganwadi centers
3. **World No Tobacco Day (June 2024):** Observed in the NCD clinic with a health talk on tobacco hazards, substance abuse prevention, and an anti-tobacco pledge
4. **Dengue and Malaria Awareness Program (August 2024):** Conducted in schools, including a quiz competition, health talks on vector control, and preventive measures.

Teaching & training at JUHC, Kurusukuppam

- **Community based Teaching & training** is provided for undergraduates and postgraduates in the areas of research methodology through community-based project work, communication, IEC activities and health need assessment.
- **MBBS interns** are posted for one-month posting at JUHC in batches of 10-12 interns. They are trained according to the roles of Indian Medical Graduate.
- **Junior Residents (JR)** are posted for a period of three months. Each JR is posted for two such postings during their course. Senior Resident guides and oversees their activities.

List of research activities in JUHC in the year 2024-25

S.No	Title	Duration, Status
1.	Social Capital Levels And Its Association With Ncds Risk Factors Among Adults In A Selected Area Of Puducherry – An Exploratory Study	1 Year, Ongoing
2.	Screening And Validation For Selected Visual Impairments And Assessing Effect Of Community Volunteers In Facilitating Seeking Care For Visual Impairments Among The Elders In A Selected Urban Primary Health Care Setting, Puducherry – An Explanatory Mixed Method Study	1 Year, Ongoing
3.	Coverage And Utilization Of Health Insurance Among Households In Selected Areas Of Puducherry – A Concurrent Mixed Method Study	1 Year, Ongoing
4.	Design And Implementation Of An Electronic Data Capture-Based Dashboard For Monitoring Non-Communicable Disease Care In Selected Primary Health Centres Of Puducherry- A Quasi-Experimental Study	3 months, Completed
5.	Perceived And Actual Need, Treatment Seeking Behaviour Including Out-Of-Pocket Expenditure for Oral Health Care Among the General Population in Selected Urban Areas of Puducherry: A Community-Based Study	3 months, Completed

6.	Utilization Of Supplementary Nutritional Services of ICDS Through Anganwadi Centers Among Under-Five Children In Puducherry- A Cross-Sectional Mixed Method Study	3 months, Completed
7.	A Time-Motion Study Of Health Workers In JIPMER Urban And Rural Health And Wellness Centres, Puducherry.	3 months, Completed

Workshops & Training Sessions during April 2024 to March 2025

1. **Palliative Care Training (January 2024):** Covering pain management, communication skills, and home-based palliative care techniques
2. **Intensified Pulse Polio Immunization (IPPI) Training (February 2024):** Hands-on training for Anganwadi teachers and staff on vaccine handling, administration, and adverse events
3. **HICC Training (July 2024):** Workshop on biomedical waste management, personal protective equipment usage, and handwashing techniques for staff, residents, and interns
4. **IPPI Orientation (February 2025):** Training session led by senior residents, educating staff on oral polio vaccine administration, vial monitoring, and micro-planning strategies
5. **Adolescent Workshop (May 2024):** Engaged 50 adolescents in sessions on tobacco prevention, self-esteem, nutrition, and yoga, followed by a quiz competition and a "No Tobacco" pledge.

Department of Psychiatry

Faculty List

Professor & Head

- Dr Shivanand Kattimani

Professor

- Dr Moushumi P. Mukherjee
- Dr Ravi Philip Rajkumar
- Dr Vikas Menon

Additional Professor

- Dr Balaji Bharadwaj

Assistant Professor

- Dr Ragul Ganesh
- Dr Ankita Chattopadhyay
- Dr Natarajan Varadharajan

Departmental Highlights of the Year 2024-25

The Department of Psychiatry organized a Mental Health Awareness Marathon on October 27, 2024, in celebration of World Mental Health Day 2024, with the theme "*It's Time to Prioritize Mental Health at the Workplace,*" supported by Integra Software Services in Puducherry. The event focused on enhancing awareness about workplace mental health and attracted over 300 participants, including JIPMER staff, students, and community members. The department actively contributed to the National Mental Health Survey–2 (NMHS-2), under the Ministry of Health and Family Welfare, Government of India.

Educational Courses

- Undergraduate: The department continues to provide teaching in Psychiatry to students of M.B.B.S. A total of 19 didactic lectures and two weeks of clinical postings are taken for the 7th Semester students.
- Postgraduate: 6 MD (Psychiatry) residents and 1 PDCC (Child & Adolescent Psychiatry) Senior Resident per year
- Department faculty also act as guides, co-guides, and resource persons for many Ph.D/ paramedical courses/ others: B.A.S.L.P., Emergency Medical Technician Certificate course, and other paramedical courses

Departmental Activities for the Year

Organised conference/ CME/ workshop

Local workshop / CME

Workshop was conducted by the Department of Psychiatry, JIPMER on 'Spiritually informed care in Psychiatry Practice' by eminent Dr. Parameswaran Ramakrishnan from Harvard Divinity School, on 20 January 2025

Faculty conference participation –

Delivered an oration/ lecture in a CME/ symposium/ workshop

Dr Moushumi Purkayastha Mukherjee:

- Participated as chairperson in the NACONSRMH held in Nov 2024 at NIMS university Jaipur and 45th CIPCON held in august 2024 in Ayodhya.
- She also acted as resource person for the lecture for students at JIPMER Academic Centre lecture hall (Allied Health Sciences) foundation course) in 2024 on Stress management and for Master of Public Health students at the JIPMER international school of public health on substance abuse and stigma

Dr. Ravi Philip Rajkumar: Delivered talks

- "Finding research questions for systematic reviews" as part of weekly online CME conducted by the Indian Psychiatric Society – Karnataka chapter on December 20, 2024
- "Mental Health Issues in Older Adults" as part of the conference on "Social Security and the Ageing Population in Viksit Bharat 2047" organized by Pondicherry University and ICSSR at Pondicherry University (Karaikal Campus) on February 13, 2025

Dr Shivanand Kattimani: delivered talks

- 'Important aspects in evaluation and Management of ASD' (webinar) as part of the CME on Autism organized by Child and Adolescent Psychiatry Super speciality department Andhra Medical college, Visakhapatnam, Andhra Pradesh on April 2, 2024
- "Treatment advancements in ADHD and management of hyperactivity in other neurodevelopmental disorders" during 39th Tamil Nadu state annual conference of the Indian Psychiatric Society (TANPSYCON) organized by Tamil Nadu chapter of Indian Psychiatry Society - Kongunadu branch, 27 and 28th July 2024, held at Coimbatore, Tamil Nadu.
- 'Large Epidemiological Studies in Mental Health - Learnings and Challenges -Special Focus on the National Mental Health Survey India", during 57th Annual Conference of the Indian Psychiatric Society-South Zone (IPSOCON)2024, from 18th to 20th October 2024, held at NIMHANS convention centre, Bengaluru on October 19, 2024.

- 'Promotion of mental health in the young' (webinar) at college of nursing, AIIMS, Raipur on November 8, 2024
- 'Evaluating biomarkers in ADHD to Predict treatment outcomes' symposium during 76th Annual National Conference of the Indian Psychiatric Society (ANCIPS) held 22-25th January 2025 at Hyderabad, India on January 23, 2025.
- 'Neurobiology of Spiritually Informed Psychiatric Assessment and Care: Towards Development of Evidence-based Spiritual-Psychiatry Fellowship Training Program in India' symposium, during 76th Annual National Conference of the Indian Psychiatric Society (ANCIPS) held from 22-25th January 2025 at Hyderabad, India on January 25, 2025.
- "Promoting Mental health in the community" during the state level conference, PUDUCON'25 Organised by the Department of Preventive and Social Medicine, JIPMER International School of Public Health, JIPMER, Puducherry on January 21, 2025.
- "Role of organizations in promoting workplace mental health" as a panellist during the 24th Annual National Conference of Indian Society of Psychiatric Nurses held from 7-9th February 2025 held at Puducherry on February 9, 2025.

Dr. Vikas Menon: Delivered talks on

- "Alternate preparations of Lithium" at Bipolar Disorder International Conference 2025, organized by the Department of Psychiatry, Kasturba Medical College, Manipal, on March 30, 2025
- "Catatonia across psychiatric disorders, which is difficult to treat" at the Indian Psychiatric Society Andhra Pradesh State Branch Midterm CME held at Ananthapuramu on March 1, 2025.
- "Steps in doing a systematic review and meta-analysis" for the Systematic Reviews and Networking Support in Health (SARANSH) conducted by AIIMS, Bibinagar, and supported by the Department of Health Research, Govt of India.
- "Challenges and opportunities in Psychiatric Research" for the Brief Course in Psychiatric Research conducted by the research capacity building committee of the Indian Psychiatric Society on January 8, 2025.
- "Components of patients and methods" for the scientific writing workshop at the annual conference of the Association of Surgeons of India (ASICON), Agra, and moderated a panel discussion on "Writing an original article: Do's and don't's" on December 10, 2024
- "Trust in training: Unlocking competence with Entrustable Professional Activities in Psychiatry" for "National Conference on Psychiatry Teaching-Learning Practices in Indian Medical Institutions" at St. Johns National Academy of Medical Sciences, Bengaluru on November 16-17, 2024.
- "Components of patients and methods" for workshop on Scientific Writing at the 13th annual conference of the Asia Oceania research organization on Genital Infections and Neoplasia conference on 04.10.2024 and participated in a panel discussion on "How to write an original research paper? Do's and Don'ts"
- "Challenges and opportunities for suicide prevention in South East Asia: Overview and way forward" for the 4th annual conference of the Global Psychiatric Association on October 10, 2024.
- "Evidence-based management of attempted suicide" for a webinar conducted by the IPS suicide prevention specialty section on September 9, 2024.
- "Stressed and sick: The link between common mental disorders and non-communicable diseases" for PIMS-ECHO India online training program on non-communicable diseases on August 8, 2024.
- "Working towards advance directives in CL teams" for the mid-year conference of Indian Psychiatric Society (MIDCIPS) 2024 at Agra on August 17, 2024.
- "How to read meta-analyses papers and understand forest plots?" for an online talk conducted by the Indian Psychiatric Society, West Zone Branch (IPS WZB) on August 12, 2024
- "Components of patients and methods" for Workshop on Scientific Writing at the 3rd National Assembly of Editors of Medical Journals conducted by the Journal of Indian Medical Association and participated in a panel discussion on "How to write an original research paper? Do's and Don'ts" at Kolkata on July 28, 2024,
- Resource faculty for the Basic workshop on Randomized Controlled Trials conducted by the Division of Research, JIPMER on October 28, 2024.
- "Media reporting of suicide: Variations between East and the West" for Webinar on "Social Aspects of Suicide" organized by the Global Psychiatry Association on April 4, 2024.

Dr Balaji Bharadwaj

- Delivered a talk on "Treatment of Maternal Depression in Pregnancy: Why, When & How?" at the National Conference on Psychiatric Updates (PSYCHUP) conducted by Sree Balaji Medical College & Research Institute, Chromepet, Chennai on November 16, 2024

Dr. Ragul Ganesh

- Delivered a lecture on "Bridging the Gap: Paediatric Consultation-Liaison Psychiatry in the Indian

Healthcare System" at the Annual National Conference of the Indian Psychiatric Society (ANCIPS) in January 2025 in Hyderabad.

- He also chaired the session on AI in Child and Adolescent Mental & Behavioral Health at the National Mid-Term CME of the Indian Association for Child and Adolescent Mental Health (IACAM) at AIIMS, New Delhi, in February 2025.

Dr. Ankita Chattopadhyay

- Oral lecture titled 'Can ecological momentary assessment be used in alcohol dependent patients? A Preliminary Study in TANPSYCON 2024, held at Coimbatore, in July 2024.
- Presentation of a symposium on 'Digital Treatment Interventions for Substance Use Disorders: Recent Advances and Future Directions' at the International Society of Addiction Medicine (ISAM) Annual Conference in Istanbul, Turkey, 2024, with ISAM Board Members. Also presented another symposium on 'Barriers to seek and retain in treatment for substance use disorder in population with special clinical needs' and oral lecture on "Is Ecological Momentary Assessment a feasible tool to measure craving and mood in treatment-seeking patients with alcohol dependence? A study from India" in the same.
- Quizmaster at the Annual National Conference of the Addiction Psychiatry Society of India (APSI), ADDICON, Srinagar, October 2024.
- Presentation of symposium titled 'Breaking the Silence: The need for assessing Sexual Functioning in Patients with Substance use disorders' at the National Conference of Indian Association for Social Psychiatry (IASP) in Mysore, November 2024.
- Symposium Paper Presentation titled "Opioid Use in Chronic Cancer Pain: Balancing Relief and Risk" in the 1st National Conference on Psychotherapeutic Assessments and Interventions in Psycho-oncology (NCPO-2025)
- Presentation of symposium on 'Artificial Intelligence (AI) As A Lifeline: Revolutionizing Suicide Prevention in India' and participation in KC Dube poster session at the Annual Conference of Indian Psychiatric Society (ANCIPS), Hyderabad, 2025.

Dr. Natarajan Varadharajan

- Delivered an invited talk on "Stress-evidence based practice" at the State Level Seminar on MINDHEALCON 2024, in observance of World Mental Health Day, organized by the Department of Mental Health Nursing at the College of Nursing, Mother Theresa Post Graduate and Research Institute of Health Sciences, on October 10, 2024.
- He also delivered an invited talk on "Challenges In Mental Health" at the National Conference on "Rethinking & Redefining Psychiatric Nursing: Novel Trends and Contemporary Challenges" held at Indirani College of Nursing on March 12, 2025.

Participation in health camps/ public health awareness/ education programmes

Dr. Ragul Ganesh:

- Participated in the Rashtriya Bal Swasthya Karyakram (RBSK) training in collaboration with the Department of Paediatrics in April 2024.
- He provided training to participants on screening and early intervention services for children diagnosed with Autism and Attention-Deficit/Hyperactivity Disorder (ADHD).
- He led an awareness program about drug abuse on Wednesday, January 29th, at 10:00 AM at the Karikalampakkam Government School in Puducherry.

Dr. Ankita Chattopadhyay:

- Nominated for and took part in the UNODC Policymakers Training on the Nature, Prevention, and Treatment of Drug Use Disorders in New Delhi, India, from August 28 to 30, 2024. Additionally, she served as a resource person in a capacity-building workshop for resident doctors and staff at the Tobacco Cessation Clinic within the Department of PSM at JIPMER on November 19, 2024, and January 10, 2025.

Dr. Natarajan Varadharajan:

- Participated in the celebration of the United Nations International Day of Older Persons by leading an awareness session centered on healthy minds and aging, organized by the Department of Geriatric Medicine.
- He organized and arranged a Mental Health Awareness Marathon, in observance of World Mental Health Day 2024 in Puducherry, on October 27, 2024.

Major events in the Department:

Awards and Honours

- **Dr. Vikas Menon** was awarded the P. Raghurami Reddy Best Research Award at the 57th Annual Conference of the Indian Psychiatric Society-South Zone (IPSOCON 2024) held at NIMHANS, Bengaluru from October 18th-20th, 2024 (First author).

- **Dr. Ragul Ganesh** received the Dr. V K Varma Award for the Best Published Paper in Social Psychiatry and Allied Fields at the National Conference of the Indian Association for Social Psychiatry (IASP) in Mysore on November 8th, 2024 (Fifth author).
- Dr. Ankita Chattopadhyay was awarded the Dr. V K Varma Award for the Best Published Paper in Social Psychiatry and Allied Fields at the National Conference of the Indian Association for Social Psychiatry (IASP) in Mysore on November 8th, 2024 (First author).
- Dr. Natarajan Varadharajan was awarded the P. Raghurami Reddy Best Research Award at the 57th Annual Conference of the Indian Psychiatric Society-South Zone (IPSOCON 2024) held at NIMHANS, Bengaluru from October 18th-20th, 2024 (Second author).

Administrative Assignments

Dr. Moushumi P Mukherjee:

- Co-ordinated as Vice-president for the 18th TN-IPS midterm CME-2024 conducted by Puducherry Cuddalore Psychiatry association in collaboration with Department of Psychiatry, Indira Gandhi Medical College, Puducherry held on 4, 5th of January 2025.

Dr. Shivanand Kattimani:

- Continued as Head of the department of Psychiatry for the third year and he also serves as Nodal officer of TeleMANAS program (Tele Mental Health Assistance and Networking Across State, under national mental health program by MHFW) with JIPMER as mentoring institute.
- He serves on Board of Subjects (BoS) as psychiatry expert for SBM PATIL Medical College, Hospital and Research Centre (SBMPMCH & RC), Vijayapura (Karnataka).
- He became a member of the editorial board for PLOSone journal.

Dr. Vikas Menon:

- Nominated as external expert for Ph.D committee (Behavioral Sciences) of NIMHANS, Bengaluru, for three years from June 2024
- Served as an expert on the Indian Council of Medical Research (ICMR) project selection committee to review mental health proposals submitted under the intermediate grant (` 2-8 crores) in June 2024
- Co-chairperson - Super specialty certificate courses subcommittee of Indian Psychiatric Society (2024-2025)

Dr Ragul Ganesh:

- Co-chairperson- Website committee of the Indian Psychiatric Society
- Convener - website committee of the Indian Association for Child and Adolescent Mental Health.

Dr. Ankita Chattopadhyay:

- Selected as the Member Secretary of the prestigious International Society of Addiction Medicine- New Professionals, Exploration, Training and Education (ISAM-NExT).
- Member of constituted Institute Committees

Dr. Shivanand Kattimani:

- Member of the JIPMER scientific advisory committee(JSAC), that reviews the quality of the research proposals submitted by the JIPMER faculty at the Institute.
- Member of the Nursing Research Monitoring Committee (NRMC), that reviews BSc nursing and MSc nursing student scientific proposals.

Dr. Vikas Menon:

- Appointed as the Officer-in-charge of the institutional website committee from 04.04.2024

Department of Pulmonary Medicine

Faculty List

Professor (Senior Scale)

- Dr. Saka Vinod Kumar

Professor

- Dr. R. Manju

Additional Professor & Head

- Dr. Dharm Prakash Dwivedi

Additional Professor

- Dr. Madhusmita Mohanty Mohapatra
- Dr. Vishnukanth G

Associate Professor

- Dr. Pratap Upadhya

Departmental Highlights of the year 2024-25

The department is now offering Endo Bronchial ultrasound services (EBUS) for diagnosis of mediastinal lymph node sampling. The department is also offering Body Plethysmography tests for better diagnosis of interstitial lung diseases. The department has collaboration with ICMR, AIIMS New Delhi for multicentric study ICMR network of pulmonary fibrosis. An ICMR sponsored study on "Impact of pulmonary rehabilitation on pulmonary function, exercise tolerance and health related quality of life among Post COVID patients" has been started in the department.The Department of Pulmonary Medicine has started renovated Infectious disease ward (ID ward) in March 2025. It has 2 beds exclusively for MDR TB cases. This ward also has 2 bedded ICU with ventilators and NIV for sick patients with infectious diseases.

Educational Courses

The M.D. degree course in TB & Respiratory Disease (one candidate per year) was started in the year 1994. From 2011 TB & Respiratory Disease course was renamed as M.D. (Pulmonary Medicine) with intake of one candidate each year. Currently three MD students are admitted in each session (January and June) through INI-CET exam. The department also conducts lecture classes, modular teaching, and bedside clinical classes for MBBS students. The department is also involved in training students of Medical Record Technician (M.R.T) and Emergency Medical technician courses.

Departmental Activities for the Year

Organised conference/ CME/ workshop

Local workshop / CME

The Department of Pulmonary medicine has organised 10th State Conference TAPPCON 2024, Joint conference of Association of Pulmonologist of Puducherry and Association of pulmonologists of Tamil Nadu from 21-23 September 2024 in JIPMER. More than 150 national and state faculty and around 400 delegates attended the conference. A total of nine workshops was conducted across various medical colleges of Puducherry, including 4 workshops in the department. More than 200 participants were benefitted by faculties from across India. The Department also conducted a CME on Difficult to treat Asthma on world Asthma Day 2024. The Department of Pulmonary Medicine took initiative to conduct APP Master Class for MD Pulmonary Medicine, Medicine students across Pondicherry. The Department of Pulmonary Medicine has also conducted Pondicherry Inter college TB quiz for PG Students. The Department is regularly conducting workshop on Pulmonary Function Testing and Chest radiology in CONNISANCE conference.

Faculty Conference Participation

Delivered oration/ lecture in a CME/ symposium/ workshop

Dr. Saka Vinod Kumar, Professor (Senior Scale), was organizing Chairperson of TAPPCON2024 and was a faculty at TAPPCON2024. ***Dr. R. Manju, Professor***, was a panellist in Panel discussion in the 26th Joint National Conference on Pulmonary Diseases of National College of chest physicians (NCCP India) and Indian Chest Society (ICS) NAPCON 2024 held at PSG Institute of Medical Sciences and Research, Coimbatore from 21st to 24th November 2024. She also moderated session in Difficult to Treat TB Case Discussion under STC, Puducherry along with ECHO TB Clinic in Pondicherry State in March 2025. She has attended the State Level NTEP Workshop 2025 as a faculty held at Sri Manakula Vinayagar Medical College & Hospital, Puducherry on 27.08.2025. ***Dr. Dharm Prakash Dwivedi, Additional Professor & HOD*** has delivered scientific lecture, conducted thoracoscopy workshop, panelist and chaired a session in the 26th National conference of Indian Association of Bronchology, BRONCHOCON at Kochi on 24th to 27th May 2024. He also delivered a talk on Practical Approach to Interstitial lung Diseases

at CMC Vellore on 25th October 2024 as part of knowledge dissemination domain of ICMR network for pulmonary fibrosis project. He delivered couple of scientific lectures, chaired two sessions, panelist in Panel discussion and conducted a workshop in the 26th Joint National Conference on Pulmonary Diseases of National College of chest physicians (NCCP India) and Indian Chest Society (ICS) (NAPCON 2024) at PSG Institute of Medical Sciences and Research, Coimbatore from 21st to 24th November 2024. He delivered a talk in state level medical conference INFECTIOSUMMIT organised by PIMS, Puducherry on 18th October 2024 has attended 4th Annual Conference on Interventional Pulmonology as resource person from 7th to 9th February 2025 in Hyderabad. He was organising secretory, financial committee member of Tamil Nadu and Puducherry state conference of pulmonology, TAPPCON 2024. ***Dr. Madhusmita Mohanty Mohapatra, Additional Professor,*** was a faculty and organising treasurer at TAPPCON 2024 and the course director of Multimodality Imaging of Chest workshop in TAPPCON 2024. She was also part of workshop conducted on PFT and Chest X-ray for CONNAISANCE at JIPMER on 28.06.2024. She also delivered guest lecture on Primary Tuberculosis and Management of DSTB during TOT NTEP training programme conducted by department of Preventive and Social Medicine, JIPMER. ***Dr. G. Vishnukanth, Additional Professor*** was Faculty at ATICON 2024 (Apollo Thoracic Intervention Conference) in May 2024 and delivered a talk on care of bronchoscope including disinfection. He also provided hands on training in Basic bronchoscopy navigation for PG students at ATICON (04.05.2024). He was also a faculty at BRONCOCON 2024 at Kochi and provided hands on training for C-TBNA. He was also a faculty in NATCON 2024 at Jaipur and participated on a debate on the access to Molecular Diagnostic Tools in NTEP. In NAPCON 2024, Coimbatore, he delivered a talk on "Role of AI in Personalized Medicine". He was also faculty at TAPPCON 2024 and was also the course director for Basic bronchoscopy Workshop in TAPPCON 2024. He has conducted workshop on PFT and Chest X-ray for CONNAISANCE at JIPMER on 28.06.2024 and also delivered Guest Lecture on the management of DSTB during NTEP training program conducted by Department of Preventive and Social Medicine, JIPMER (Dec 2024). He was the Joint Organizing Secretary for TAPPCON 2024, Organizing Secretary for CME on World Asthma Day 2024 at JIPMER – "DIFFICULT TO TREAT ASTHMA" and organized walkathon on the occasion of World TB Day 2025. He also organized quiz for undergraduate students of JIPMER, Puducherry and JIPMER, Karaikal on the occasion of World TB Day celebrations. ***Dr. Pratap Upadhya, Associate Professor,*** was a faculty & scientific committee co-chair at TAPPCON2024 and was the course coordinator for Mechanical Ventilation Workshop in TAPPCON2024.

Participation in health camps/ public health awareness/ education programme

Approximately 400 people from age group of 4 years to 82 years enthusiastically participated in the Walkathon 2025 for public awareness in observation of World TB Day 2025. Several health awareness programmes were conducted on Asthma, COPD, Smoking cessation in the department. ***Dr. R. Manju, Professor***, has given Health awareness talk in AIR regarding current issues in respiratory diseases in Jan 2025.

Major Events in Department

New services started

The Department of Pulmonary Medicine has started renovated Infectious Diseases Ward (ID ward) in March 2025. It has 2 beds exclusively for MDR TB cases. This ward also has 2 bedded ICU with ventilators and NIV for sick patients with infectious diseases. Department also has started Cryobiopsy for better tissue yield.

Administrative Assignments

- Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies

Dr. Saka Vinod Kumar, Prof. (Sr. Scale), is the Core Committee Coordinator of National Tuberculosis elimination programme (NTEP) JIPMER Hospital Core Committee. He is also the member of Programmatic management of multidrug resistance Tuberculosis (PMDT) committee and NTEP Core Committee (State Task Force). ***Dr. R. Manju, Professor,*** is the Member secretary for National Tuberculosis Elimination Programme (NTEP) Core committee JIPMER and organizing secretary for Association of Pulmonologist Pondicherry (APP).

Member in constituted Institute Committees

Dr. Saka Vinod Kumar, Prof. (Sr. Scale), was the Head of the Department of Pulmonary Medicine, JIPMER up to 31.12.2024. He is the member of JIPMER Departmental Promotion Committee (DPC), JIPMER Recruitment Rules Committee, JIPMER Cadre Restructure Committee. He is the Liaison Officer for SC/ST, JIPMER. He is the chairman of JIPMER Allegation Committee. He is a member of JIPMER Disciplinary Committee for all students including Senior and Junior Residents. He is a member of JIPMER committee for dealing with parking rules violation references. He is the Chief Vigilance Officer, JIPMER till 15.05.2024. ***Dr. R. Manju, Professor***, is a member of JIPMER Karaikal Core committee for planning Multispecialty hospital.

She is the Member Secretary of Postgraduate Research Monitoring Committee of Department of Pulmonary Medicine. She is a member of Institute Ethics Committee (IEC) for Observational studies, JIPMER, as a Clinician member, facilitating the research discussion and approval. In the process of making the approval more researcher friendly by getting feedback from all the stakeholders. She is the member of Department Purchase Committee while specification vetting. ***Dr. Dharm Prakash Dwivedi, Additional Professor & HOD***, Head of the Department of Pulmonary Medicine, JIPMER from 01.01.2025. He is the Chairman of Departmental Postgraduate Research Monitoring Committee. He is the Officer-in-Charge of HINDI Cell since 1st July 2024. ***Dr. Madhusmita Mohanty Mohapatra, Additional Professor***, is member of JIPMER Quality Council and Fire Safety coordinator for Pulmonary Medicine. She is the GeM Buyer for the department of Pulmonary Medicine. ***Dr. G. Vishnukanth, Additional Professor*** is the department member of JIPMER Website Review Committee. He is the GeM Consignee for the department of Pulmonary Medicine. He is also the Member Secretary of Departmental Postgraduate Research Monitoring Committee.

Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies

Dr. Saka Vinod Kumar, Prof. (Sr. Scale), is the outside member of Departmental Promotion Committee for Department of Census Operation, Puducherry Govt. of India and also Member of Subject Expert Committee (SEC) Pulmonary, CDSCO, Drug Control General of India, New Delhi, Government of India. He is the President of Association of Pulmonologist Pondicherry (APP). ***Dr. R. Manju, Professor***, is the Executive Member of Association of Pulmonologist Pondicherry (APP). ***Dr. Dharm Prakash Dwivedi, Additional Professor & HOD,*** is Executive Member of Association of Pulmonologist Pondicherry (APP). He is also reviewer for International Journal of Medicine and Public Health, Cureus journal, BMJ case reports, Journal of Clinical Tuberculosis and other mycobacterial diseases, Respiratory Medicine, Respiratory Medicine case report and Editorial Board member for the Medical Journal of Clinical Trials & Case Studies (MJCCS), Current Respiratory Medicine Reviews, Clinical medicine research and IP Journal of Immunology & Respiratory Diseases. He is also the editor of EC Pulmonology and Respiratory Medicine. He is the member of evaluation committee Pondicherry University, UG Medical education board member of NMC. ***Dr. G. Vishnukanth***, ***Additional Professor*** is a CME observer for Tamil Nadu Medical Council. He is also a National Medical Council (NMC) assessor for PG courses.

Department of Radio-Diagnosis

Faculty List

Professors

- Dr. S. Elangovan
- Dr. K. Nagarajan
- Dr. A. Ramesh

Professor & Head

- Dr. S. Deepak Barathi

Additional Professors

- Dr. Sunitha V. C
- Dr. G. Ramkumar
- Dr. Subathra A

Assistant Professors

- Dr. Santhakumar S
- Dr. Gurumurthy B

Departmental Highlights of the Year 2024-2025

Following the successful completion of installation of the Biplane DSA Cathlab (Make - Siemens Healthcare Private Limited, Germany, Model - Artis Zee), vascular diagnostic and interventional procedures and biliary interventions are being done regularly. A state of the art 128 slice MDCT scanner (GE Healthcare, Revolution Maxima) was installed in the Emergency medical services block, as a replacement for the previous dual slice CT scanner, thus helping in efficient patient care at the emergency block. The new equipment was purchased and donated by the Powergrid Corporation of India, as part of their CSR activity.

Educational Courses

- DM Neuro Imaging & Interventions: The course was started from January 2019, with intake of one resident per year.
- One-year Post-doctoral fellowship course (PDF) in Advanced Imaging: The course commenced in July 2017, with intake of one resident per year.
- Postgraduate Course - MD Radio-Diagnosis: the annual intake is 13 residents (6 in January session and 7 in July session). As on 31st March 2025, there are 39 PG residents in the department.
- Allied Medical Science course BSc (Medical Technology – Radio-Diagnosis): This course commenced in 2015 with intake of 5 students per year.

Departmental Activities for the year

Organised conference/ CME/ workshop

- The state level monthly meet of TN&PY chapter of IRIA was conducted in JIPMER on 21st April 2024, on the theme of "Abdominal Imaging". The first monthly meet of the Puducherry subchapter of TN&PY IRIA was conducted on 16th February 2025, on the theme "Breast Interventions".

Faculty conference participation

Dr K Nagarajan

- Gave an invited guest lecture on 'Deciphering demyelination' at the CME on demyelinative disorders by Dept of Neurology, IGGGH & PGI Puducherry (20 May 2024) and on 'IR training opportunities in Govt/ Public sector' at the first annual conference of state chapter of Indian Society of Vascular & Interventional Radiology (TN-PY ISVIR 22 Sep 2024).

Dr A Ramesh

- Delivered a lecture on "CT Coronary Angiography-How I do it" in the 23rd Asian Oceanian Congress of Radiology, AOCR 2025 at Chennai, Tamil Nadu during Jan 23-26, 2025.
- He also participated as a faculty in the "Panel Discussion on Soft tissue Sarcoma" in PONSICON 2025 (Pondicherry Association of Surgeons of India Conference) at SLIMS, Pondicherry on 1st Feb 2025.

Dr. Sunitha V C

- Acted as workshop faculty during National Midterm CME of Breast Imaging Society of India at Kochi on 7th April ,2024.
- She delivered an online guest lecture on Imaging in Endometriosis at the Endometriosis Society monthly meeting on 23rd April 2024 and delivered two guest lectures in Sonosummit 2024 -International Congress of Ultrasound at Chennai on 12-14th July 2024 on the topics of "First trimester screening for preeclampsia and Fetal Growth restriction" "Interpretation of Fetal Growth charts".
- She also acted as faculty for Calirads PG teaching program by Kerala Radiology Association on 13th November 2024.
- She delivered a guest lecture at Anatimaging - A Hybrid CME on Medical Imaging Modalities -Enhancing Anatomical Precision, on 2nd August 2024;

- Delivered a guest lecture at 13th National conference of Asia Oceania Research Organization in Genital Infection & Neoplasia(AOGIN),at JIPMER Pondicherry;
- Delivered a guest lecture on Image-guided breast interventions in the monthly meeting of TN-PY chapter of IRIA on 13th April 2025.

Dr. Ramkumar. G

- Participated as a faculty in the CME on Cardiac Imaging, and delivered a talk on "CT Imaging in Congenital heart diseases" on 11th November 2024, at Tirunelveli medical College, Tamilnadu.
- He was also a faculty in the Rectal cancer update, delivering a talk on "MR Imaging in Rectum – Rectal cancer Lexicon" on 23rd November 2024, at JIPMER, Puducherry.

Dr. Subathra Adithan

- Delivered a talk on "Optimal reporting of Lung Cancer at Diagnosis and Follow up" at SCIICON 2024, the Annual Conference of the Society of Chest Imaging and Interventions, held in Bangalore on 1st and 2nd August 2024.
- She served as a panellist on "AI in Diagnostics" at Connaisance 2024, JIPMER, on 29th June 2024. She presented on "Descriptors in chest imaging: Self-assessment and review" at the SCIICON Webinar, held online on 22nd June 2024.
- She delivered talks on imaging of interstitial lung diseases in the workshop 'Multimodality imaging of the lung' at TAPPCON 2024 (Tamil Nadu and Pondicherry State Conference on Pulmonary Diseases) on 20th September 2024.
- She conducted sessions in the Interpretation of ILD workshop at AOCR-IRIA (23rd Asian Oceanian Congress of Radiology and the 77th Annual Conference of Indian Radiological & Imaging Association), Chennai, from 23rd to 26th January 2025, including sessions on "Approach to low attenuation pattern and Airway disease in HRCT," and supervised case reviews on "Low exposure pattern" and "Occupational and exposure related lung disease."
- She conducted a case-based discussion on ILD during the Master Class on Interstitial Lung Disease at the monthly meeting of the Pondicherry Association of Pulmonologists at JIPMER on 18th February 2025.
- She gave a talk on "From Scan to Slide – Tackling difficult lung cancer cases together" at the Continuing Medical Education on Lung Cancer, organized by the National Academy of Medical Sciences (NAMS), ISSLC, and DIAMOnDS Project, JIPMER, on 25th February 2025.
- She also gave a talk on "Staging the lung cancer: Role of CT, PET-CT and CE MRI" in an online webinar organized by the Indian College of Radiology and Imaging and Indian Radiology and Imaging Association (ICRI/IRIA) on 2nd March 2025.
- A resource faculty for the National Teachers Training Course (NTTC), NMC's Advance Course in Medical Education (ACME), NMC's Basic Course in Medical Education conducting multiple sessions on 'Framing Objectives', 'Taxonomy of Learning', 'Curriculum Development', and 'Assessment' in 4 ACME courses, 3 Basic Courses in Medical Education (BCME), 2 National Courses in Teachers Training, and 1 Curriculum Implementation Support Program (CISP-III) between July 2024 and March 2025.

Dr. Santhakumar S

- Delivered an online lecture in ICRI teachings conducted by IRIA on 4th June 2024 on "Vascular Neuranatomy- Arterial system".and another online lecture in ICRI teachings conducted by IRIA on 6th August 2024 on "Tips and Tricks for effective tables, graphs, figures, and figure legends".
- He also delivered an online lecture on 8th November, conducted by radiology department of AIIMS Nagpur on account of International day of radiology, on the topic "Case based discussion in neurointerventions" and a lecture on IOGCON-2024 on 10th November conducted by Obstetrics & Gynecology department of Indira Gandhi Medical College & Research Institute (IGMC&RI), Puducherry on the topic "Role of interventional radiology in Obstetrics & Gynecology".

Dr. Gurumurthy

- Gave an invited talk on Shoulder USG made easy: A stepwise approach, TN-PY IRIA 2nd monthly meet, 2025, Puducherry and How to read a knee MRI in Pondicherry knee arthroscopy conclave, 2024, Puducherry.

Participation in health camps/public health awareness/education programme

- The IRIA Raksha program - save the girl child initiative by IRIA, was organized in the Women & Child Hospital of JIPMER, educating and creating awareness to the public.

Administrative Assignments

Dr Ramesh:

- Nominated as a member of the Special Board of studies in B.Voc. Radiographic and Imaging technology UG Board of Studies for the Pondicherry University till 2025.

- He was also nominated as technical expert for the pre-bid meeting for the procurement of Radiology equipment for the upcoming AIIMS under PMSSY-IV &V.
- He has also been elected as the President of Pondicherry subchapter of Tamilnadu and Pondicherry chapter of Indian Radiological and Imaging Association for the year 2024-25.

Dr. Ramkumar. G:

- The secretary of the Pondicherry subchapter of TN&PY chapter of Indian Radiological and Imaging Association (IRIA) for the years 2024 & 2025.

Dr. Subathra Adithan

- Served as the Chairman of the Radiodiagnosis Committee for the National Medical Council (NMC) Curriculum revision for the MBBS course, with the revised curriculum published in September 2024 and implemented from the same academic year.
- She is an Executive Committee Member of the Society of Chest Imaging and Interventions, India. She also acted as the NMC Coordinator for the Basic Course in Medical Education conducted at SRM Medical College (Trichy), Manakula Vinayagar Medical College (Puducherry), and IGMC & RI (Puducherry).
- She served as a member of the Pondicherry University Inspection Committee for the affiliation of Allied Health Sciences courses, and as the Pondicherry University nominee on the expert committee for the selection of Assistant Professor (Teacher Faculty) in MIRT at College of Health Sciences, PIMS, Pondicherry.
- She co-ordinated the curriculum revision process for Postgraduate Medical courses at JIPMER.
- She also co-ordinates the intern's orientation program.

Department of Radiation Oncology

Faculty List

Radiation Oncologists

Professor& Head

- Dr. Jagadesan Pandjatcharam

Professors

- Dr. V Parthasarathy
- Dr. K Gunaseelan
- Dr. Shyama Prem S

Associate Professor

- Dr. Pooja Sethi

Assistant Professors

- Dr. Ambedkar Yadla
- Dr. Kannan P
- Dr. Swarnaditya Roy

Medical Physicists

Associate Professor

- Dr. N Vijayaprabhu

Assistant Professors

- Dr. K Saravanan
- Dr. R Seenisamy
- Dr. S Mourougan

Departmental Highlights of the Year 2024-25

- Department organized 2 CMEs at Institute level.
- Dr. Kannan (Assistant Professor) got international grant from IAEA for attending CREDO workshop.
- One MD, Radiation Oncology resident and 4 BSc students successfully completed PG Course and Graduation course respectively.
- Senior and Junior Residents secured top three places in various quiz competitions held at state and national level Conferences and CMEs.

Educational Courses (Courses and number of students intake per year)

- The Postgraduate Course (MD Radiation Oncology), a 3-year program, commenced in 2009 and admits students biannually with a total annual intake of 9 students. In the academic year 2024–25, one student graduated from this program.
- Two Post-Doctoral Fellowship/Certificate Courses were approved in 2024, and recruitment for both began in June 2024. The Head & Neck Radiation Oncology Fellowship, a 1-year course, is conducted annually with an intake capacity of 1 student per year. Similarly, the Pelvic Oncology Fellowship, also a 1-year annual course, admits 1 student annually.
- The BSc in Radiotherapy Technology, a 3-year undergraduate program followed by a 1-year compulsory internship, has been offered since 2010 and is conducted annually. It has an intake capacity of 5 students per year. In the 2024–25 session, 4 students have completed their theory and practical examinations and are currently undergoing their internship.
- Lastly, the Medical Physicist Internship Program, a 1-year internship, has been approved and recruitment has started from with intake of 4 students per year.

Departmental Activities for the Year

Faculty Conference Participation

Dr. K Gunaseelan delivered lecture in the topic of Brachytherapy: Beyond the Basics conducted by Dr. Kamakshi Memorial Hospital Pvt. Ltd co-hosted with CORE AROI - TN&PY Chapter July, 2024. He participated as resource faculty in the workshop "Head and Neck Brachytherapy" held on 17.08.2024 at Government Arignar Anna Memorial Cancer Hospital & Research Institute, Regional Cancer Centre, Karapettai, Kanchipuram co-hosted with CORE AROI - TN&PY Chapter. He delivered lecture on "Radiotherapy Redefined: De-escalation and Enhancing Survival Quality for Breast Cancer", at the 39th AROI TNPY-2024, hosted by CMC, Vellore, from 20th & 21st September 2024. He participated as resource faculty for 6th JIPMER SURGERY UPDATE 2024 - Panel Discussion - Management of early breast cancer. He delivered lecture in Brachytherapy Workshop on surface mould brachytherapy held on July 20th 2024 at Govt. Roya pettah Hospital co-hosted with CORE AROI - TN&PY Chapter.

Dr. Shyama Prem S organized CME on survival analysis in collaboration with the department of biostatistics in March 2025. She attended the online delineation workshop on Brain tumours conducted by ESTRO in May 2024, on Breast cancers conducted by ESTRO in June 2024, on Post operative prostate in June 2024, and Lung SBRT in November 2024. She attended the Advanced research in medicine- R in survival analysis conducted by Biostatistics, CMC Vellore in March 2025. Her Study titled Submandibular and parotid gland sparing versus parotid gland sparing alone in head and neck cancers: assessor-blinded randomised controlled trial was selected for oral poster discussion and Study titled Evaluation of Submandibular Gland Function

Using Quantitative Pertechnetate Scintigraphy in Submandibular-Sparing Radiation for Head and Neck Cancers was selected for digital poster for ESTRO 2025.

Dr Jagadesan P chaired a session on "Neoadjuvant Chemotherapy in cervical cancer", at the 39thAROI TNPY-2024, hosted by CMC, Vellore, from 20th & 21st September 2024. He was a judge in the best paper session and was also a panelist in the session on "Management of advanced and recurrent Vulvar cancer", at the 13th National AOGIN Conference 2024, conducted from 3rd to 5th October 2024 at JIPMER Puducherry, organized by AOGIN INDIA. He participated in the debate on "Bladder preservation strategies Vs Radical cystectomy" at Uro - Oncology Update" conducted from 23rd to 24th November 2024, AIIMS, New Delhi.

Dr. Pooja Sethi was invited as resource faculty for the Multidisciplinary Head and Neck Symposium at the 2nd AIIMS Oncology Conclave (AOC-2025) held on 15th and 16th February, 2025 at National Cancer Institute (NCI)- AIIMS Jhajjar. She attended the Advanced research in medicine- R in survival analysis and Metanalysis conducted by Biostatistics, CMC Vellore in March 2025.

Dr. Ambedkar Y organized Rectal Cancer Update CME on 23rd Nov 2024 and CME on survival analysis in collaboration with the department of Biostatistics in March 2025. He delivered talk on "Sexual Well-being in Gynaecological Cancers" at AROI-TNPY Conference at CMC vellore. He delivered a talk on "Watch and Wait Strategies in Rectal Cancer" at Rectal Cancer Update CME conducted at JIPMER.

Dr. Kannan P delivered lecture on breast radiation technique organised by Freedom from Cancer – Relief and Research foundation (FFC) on 1st June 2024 at Chennai, Tamil Nadu. He delivered lecture on "3D printing brachytherapy" organized by Government Royapettah hospital (GRH) and Kilpauk Medical College (KMC) on 20th July 2024 at GRH campus. He delivered lecture in "Brachytherapy: Beyond Basics" held on 17th August, 2024 organised by Department of Radiation Oncology, Government Chengalpattu Medical College & Government Arignar Anna Memorial Cancer Hospital and Research Institute.

He was invited as a chairperson for the 39th Annual conference of the Association of Radiation Oncologists of India (AROI TNPY chapter) held in Christian Medical College, Vellore, Tamil Nadu on September 20 and 21, 2024. He was invited as a distinguished faculty member and panelist at the 1st Annual Conference of the GI Oncology Society (GIOS 2024) held in PGIMER, Chandigarh from 8th to 10th November 2024. He took part as member of organizing team for Rectal Cancer Update CME on 23rd Nov 2024 and delivered lecture in the rectal cancer update CME organised by Department of Radiation Oncology, JIPMER on 23rd November, 2024. He delivered lecture on "TNT v/s Conventional NACRT in rectal cancers" in CME on colo-rectal diseases organised by Department of General Surgery, PGIMER, Chandigarh on 22nd February, 2025.

Dr. Swarnaditya Roy took part as member of organizing team for Rectal Cancer Update CME on 23rd Nov 2024 intra-College CME ON Rectal Cancer Update on 23-Nov-2024 organized by Department of Radiation Oncology, JIPMER. This was attended by around 100 delegates from Radiation Oncology, Surgery, Surgical Oncology, Medical Oncology & Surgical gastro-enterology. He delivered lecture in Rectal Cancer Update CME. He delivered talk in "Head & Neck Cancer Symposium" in AOC 2025 in AIIMS, Delhi on 16-02-2025.

Dr. N Vijayaprabhu was invited to deliver a lecture at the 27th AMPI-TN PY chapter Annual Conference on the topic "Ring Gantry Radiotherapy: A Revolution or a Reckoning," held on 15 March 2025 at Kovai Medical Center and Hospital (KMCH), Coimbatore.

Dr. R Seenisamy attended the Annual Conference of Association of Medical Physicists of India (AMPI) held at Indo-American Cancer Hospital & Research Institute, Hyderabad, 8-10 November 2024.

Dr. S Mourougan chaired a session at Annual Conference of Association of Medical Physicists of India (AMPI) held at Indo-American Cancer Hospital & Research Institute, Hyderabad, 8-10 November 2024.

Participation in health camps/ public health awareness/ education programme

Dr. Gunaseelan, Karunanithi has participated in Prasar Barathi all India radio in hello doctor live show in FM Rainbow for the topic: puttrunoi kandarithal 4th Sep 2024 at Akashvani Puducherry and participated in Prasar Barathi all India radio in hello doctor live show in FM Rainbow for the cancer awareness 28th Nov 2024 at Akashvani Puducherry.

Dr. Kannan P delivered talk on "Cervical Cancer Awareness" organised by Health Club (ARTS) at Bharathidasan Government college for women on 18th November, 2024. He opted as volunteer for the Mentorship program for MBBS students.

Major events in the Department

1. Rectal cancer update CME organized by Department of Radiation Oncology, JIPMER on 23rd November, 2024.

2. CME on survival analysis in collaboration with the department of biostatistics in March, 2025

Awards and Honours

1. Dr. Kannan P received support from International Atomic Energy Agency (registration fees of 2000 USD) for participation in the CREDO 2025 workshop.
2. Quiz Competition Residents Awards-

   Dr. Harish M - First prize in AROI-TNPY (Sept 2024)

   Dr. Ebenezer – Second Prize in Rectal CME (Nov, 2024)

   Dr. Bhargav – Second Prize in Poster Presentation (AROICON, Nov, 2024)

   Dr.Smrithi S- Third Prize in AROI-TNPY (Sept 2024)

   Dr.Gousalya J- Third Prize in AROI - Core (June 2024)

Administrative Assignments

Dr. K Gunaseelan is member of the CORE administrative body of the AROI TN &PY chapter and executive member of AROI - TN & PY - office bearers' tenure 2023 – 2025. He is a nodal officer from JIPMER for the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) under the National Health Mission, Govt of India. He is member of the Steering Committee – Centre of Excellence (CoE) for NPPMT&amp: BI. He is a member of the Postgraduate Board of Studies in Medicine, Sri Ramachandra Medical College and Research Institute. He is the officer-in-charge of security service and fire safety service for JIPMER campus & Karaikal, member secretary for JIPMER Condemnation guidelines review committee, member secretary for JIPMER Parking regulation committee, member of institute outsourcing and monitoring committee, committee convener for JIPMER convocation day celebration, and for JIPMER Research day celebration, member of international conference monitoring committee, member of JIPMER facility Management outsourcing committee, member of JIPMER CCTV committee.

Dr Jagadesan P is JIPMER e-Office nodal officer, JIPMER-Website member secretary, and member of Research Day-Souvenir Committee and MACT Committee.

Dr. Pooja Sethi successfully completed one year certificate Course -JIPMER Advanced Course in Research Methodology, Biostatistics & Ethics (2nd JACRM, July, 2024 session). She was invited for peer review and submitted review for two case reports in BMJ Case report journal, two research articles each in Therapeutic advances in medical oncology journal and Digital Health journal.

Dr. Vijay Prabhu is a member of Institute Radiation Safety Committee. He was invited as the examiner to conduct the Ph.D. viva voce examination by Anna University, Chennai on 24th January, 2024. He was selected as a member of the doctoral committee for the Ph.D. program for the scholar Ms. Surudhi Ranjani K in the Department of Medical Physics at Anna University, Chennai, and attended its first meeting on 5th August, 2024 in Anna University, Chennai. He was selected as a member of the doctoral committee for the evaluation and approval of the Ph.D. thesis synopsis submitted by the scholar Ms. Dhivya S of the Department of Physics, VIT, Vellore. He is co-guide to the part-time (internal) Ph.D. scholar, Mr. K. Muniyappan, in the department of Radiation Oncology, JIPMER, Puducherry.

Dr. Seenisamy. R is a member of Institute Radiation Safety Committee. He is performing role of radiological safety officer for JIPMER and AIIMS Bibinagar. He coordinates the TLD PMS service for JIPMER.

Dr. K Saravanan is a member of Institute Radiation Safety Committee.

Dr. S Mourougan is a member of the JIPMER Annual Report editorial team.

Department of Surgery

Faculty List

Professor (Senior Scale) & Head of the Department

- Vishnu Prasad N. R

Professors (Senior Scale)

- Vikram Kate
- Kadambari D

Professors

- Uday Shamrao Khumbhar
- Nanda Kishore Maroju
- Suresh Kumar S

Additional Professors

- Sreenath G. S
- Balamourougan. K
- Anandhi A
- Balasubramanian G
- Gomathi Shankar V
- Shanmugam D
- Raj Kumar N
- Elamurugan T.P

Associate Professors

- Vijay Kumar C
- Sudharsanan S
- Ankit Jain
- Reddy Abhinaya P (
- Debasis Naik

Departmental Highlights of the Year

The 7th JIPMER Surgery Update and Third JIPMER Surgery Alumni Meet took place from March 27th to 30th, 2025, drawing participants from across India. A highlight was the live colonoscopy workshop led by Dr. Eswaramoorthy, which received excellent feedback. The second day featured two simultaneous surgical workshops. The following days included a conference that provided valuable insights and enhanced surgical skills. Additionally, basic surgical training was offered to undergraduate students during the 7th JIPMER Connaissance Essential Surgical Skills Workshop.

Educational Courses

- Undergraduate: As part of undergraduate teaching, the department conducts theory classes for 3rd, 4th, 5th, 8th, and 9th semester MBBS students. For second- and fourth-year students, the department conducts clinical classes and organizes ward rounds at the end of their postings, as well as sends up exams at the end of the year for both JIPMER Puducherry and Karaikal campus students. During this period, 230 students passed their surgery exam.
- Post graduate: The department offers surgical training for M.S. general surgery students. As of March 31, 2025, the department has 74 students undergoing training for their MS. During this period, 23 students obtained their MS degree.

Departmental Activities for the year:

Organised conference/ CME/ workshop-

- The Third JIPMER Surgery Alumni Meet was held from March 27 to March 30, 2025, alongside the 7th JIPMER Surgery Update, with a total attendance of 360 delegates.
- A surgical workshop was conducted on March 28, 2025, as part of the event, featuring both basic and advanced training in surgical skills. The advanced course had 70 delegates, while the basic surgical skills course had 50 participants.
- On March 27, 2025, a live demonstration workshop focused on colonoscopy was held, showcasing five live demonstration cases. This workshop registered 35 delegates.
- Additionally, a Basic Surgery Skills Course was conducted as part of the JIPMER Undergraduate Connaissance 2025, which attracted 80 registrations.

Faculty conference participation

Dr. Vishnu Prasad N. R:

1. Presented "Granulocyte-Colony Stimulating Factor(G-CSF) And Erythropoietin (EPO) Combination Therapy In Upper Gastrointestinal Bleed With Underlying Liver Cirrhosis: A Randomized Controlled Trial" At DDW 2024, Washington DC, USA on 20th May 2024.
2. Presented "Robotic GI and HPB Surgery", at AIIMS, New Delhi on 3rd September 2024 during the CME in Surgery and Annual day 2024
3. Presented robotic Ivor Lewis esophagectomy and robotic Puestow procedures during the IASGCON 2024 at Patna, October 2024. Also chaired sessions where foreign speakers presented multiple topics during the same conference.
4. Presented "Robotic GI and HPB Surgery", on 1st February 2025 during the PONSICON 2025, Puducherry
5. Chaired a session on "liver resection for various malignancies (foreign presenters) and oral presentation on pancreatic malignancies in the

IHPBA, India Chapter from 4th to 7th 2024 at Pondicherry.

6. Conference organized as chairman- Colonoscopy workshop, 7th JIPMER Surgery update and 3rd JIPMER Surgery Alumni meet from 27th March to 30th March 2025.

Dr Vikram Kate

International:

1. Attended the 65th Annual meeting of The Society for Surgery of the Alimentary Tract (SSAT) and the 55th Digestive Disease Week (DDW) Conference-2024 held at Washington D.C. USA from 18th to 21st May 2024.
   - Attended the Journal of Gastrointestinal Surgery Editorial Board Meeting as an EB Member / Research Committee Meeting / Peritoneal Abdominal Wall and Small Bowel (PAWS) Committee Meeting as a Member of the Committee.
   - Attended the Journal of Gastrointestinal Surgery Editorial Board Meeting.
   - Moderated Following Clinical Symposium / Debate:
     - Global Outreach Committee: International Advances in GI Surgery: Management of Esophageal Achalasia. ((Society for Surgery of the Alimentary Tract).
   - Best of Peritoneal Surface/Abdominal Wall/ Small Bowel (PAWS) Diseases Session (Society for Surgery of the Alimentary Tract)-
   - Presented the following papers in the conference.
     - Comparison of adapted Enhanced Recovery After Surgery (ERAS) pathway versus standard care in patients undergoing emergency abdominal surgery – a randomized controlled trial. – Lecture Presentation – SSAT Presidential Plenary Session: (Society for Surgery of the Alimentary Tract).
     - Development of nutritional risk assessment models using least absolute shrinkage selection operator for predicting postoperative complications among patients undergoing elective abdominal surgery – SSAT Plenary and Oral Session: Best of Peritoneal Surface/ Abdominal Wall/Small Bowel (PAWS) Diseases Session, (Society for Surgery of the Alimentary Tract).
     - Development of panel of three-dimensional biomarkers to identify gastric carcinoma and precancerous lesions of the stomach - an analytical cross-sectional study – Poster Session: Gastric Neoplasms: Precursor Lesions, Biology, Diagnosis and Therapy (American Gastroenterology Association)

National

1. Attended the 20th Conference of the International Hepato-Pancreato-Biliary Association (India Chapter) 2024 as an invited faculty held at Pondicherry from 5th to 7th April 2024. He participated in a session on training of HPB Surgeons: Panel discussion on academic Director Meet – Future of HPB training in India. He chaired and judged the oral award paper session for best papers of the conference. He presented the following paper as co-author: Enhanced recovery vs. standard care in acute pancreatitis - a prospective parallel arm double blind randomized controlled trial.
2. Attended the 3rd JIMA National Assembly of Editors of Medical Journals on 28th July 2024 at Kolkata as an invited faculty and conducted a Workshop as a Course Director on"How to write a scientific research paper". Delivered a lecture in the workshop on "How to write a scientific research paper-an overview".
3. Attended the 19th International Conference of the Association of Minimal Access Surgeons of India (AMASICON) held at Hyderabad from 15th to 18th August 2024 as an invited faculty and conducted a course as a Course Director for "Scientific Paper Writing Workshop". Delivered a lecture on "How to write a scientific research paper-an overview".
4. Participated as an invited faculty at the Prof. A. S. Fenn CME conducted by the department of Surgery, Christian Medical College, Vellore from 17th to 19th October 2024 and moderated case discussions. Delivered the Keynote lecture on "How to write a scientific research paper; Common pitfalls in writing".
5. Moderated the Jaipur Surgical Tutorial 16th Masterclass Series (virtually) on Carcinoma Stomach on 24th October 2024 in which the following lectures were presented.
   - Current standards of lymphadenectomy for carcinoma stomach.
   - Laparoscopic- assisted and Robotic-assisted distal gastrectomy for carcinoma stomach.
   - An overview of the management of carcinoma stomach.
   - Radiotherapy for the control of bleeding.
6. Participated as an invited faculty and resource person at the Workshop on "Academic Book Writing: Conceptualizing to Publishing" conducted by the Division of Research, JIPMER on 27th November 2024. Delivered a lecture on "Choosing a relevant book and chapter title and preparing the manuscript".
7. Attended the 84th Annual Conference of the Association of Surgeons of India (ASICON– 2024) held at Agra from 11th to 14th December 2024 and

the pre-conference workshop on 10th December 2024 on Scientific Writing.

8. Took over an Editor-in-Chief of Indian Journal of Surgery from 2025-2030.
9. Conducted a course in the Pre-conference Workshops as a Course Director for "Scientific Paper Writing Workshop". Delivered a lecture on "How to write a scientific research paper-an overview.
10. Moderator for a Panel Discussion on "Science of making a Publication" in the ASI programme.
11. Moderator for a Panel Discussion on "Challenges in the management of an Enterocutaneous Fistula" in the IASG Sectional programme.
12. Participated as an Examiner on the National Panel of Postgraduate Examiners for the "Infected Mesh Post Hernia Repair" Case Discussion session.
13. Participated as a Panelist in a Panel Discussion on "Chronic Pancreatitis – a Challenge" in the ASI programme.
14. Presented the following papers as co-author: Concomitant versus reverse hybrid therapy for the eradication of Helicobacter pylori infection- an open-label randomised controlled trial
15. Attended the First Annual Conference of the Indian Chapter of the Society for Surgery of the Alimentary Tract (SSAT), USA – SSAT KAIZENCON 2025, as an invited faculty held at Ahmedabad on 8th and 9th February 2025.
16. Delivered a Guest Lecture in the "Foregut Cancer Symposium: Esophageal and Gastric Cancer" on "Neoadjuvant therapy for esophageal and gastric cancers".
17. Chaired the SSAT Plenary Session for lecture by the SSAT President on "The difficult colorectal anastomosis and intraoperative decision pathways.
18. Chaired the SSAT Open House Discussion on "Training/ Fellowship opportunities for international surgeons in the USA & India.
19. Participated as an invited faculty and examiner for The International Edinburgh MRCS OSCE preparation Course (Kerala) held on 25th and 26th January 2025 at Baby Memorial Hospital, Calicut, Kerala. This two-day course provided a combination of presentations, discussion groups, practice sessions and individual feedback given by tutors experienced in the MRCS examination. It also covered simulated RCS OSCE stations covering clinical and procedural stations, applied surgical science and critical care, anatomy and surgical pathology and communication skills.
20. Course Director of a Scientific Writing Workshop on How to Write a Scientific Research Paper- a step-by-step approach at the Odisha University of Health Sciences (OUHS) on 22nd February 2025 at Bhubaneswar.
21. Participated in a Webinar on "International Experience with Robotic Surgery Challenges and Opportunities" organized by the Research Committee of the Society of the Surgery for the Alimentary Tract (SSAT) on 27th February 2025. Coordinated and made the design of the webinar and introduced the India Chapter representative at the webinar.
22. Attended the 21st National Conference of the Indian Chapter of the International Hepato-Pancreato-Biliary Association (IHPBA) 2025, as an invited faculty held at Kolkata from 20th to 22nd March 2025 and delivered a lecture in the "Liver Session" on "Deciding curriculum in HPB surgery".

Dr. Elamurugan

1. Delivered a lecture on 'Energy sources in Minimal access surgery' at 105th Association of Minimal Access Surgeons of India - FMAS Skill Course, Puducherry, India in June 2024
2. Delivered a lecture on 'Anatomy of foot and Epidemiology of foot complications in diabetes' at New Learnings in Diabetic Complications – CME, JIPMER, Puducherry, India held in December 2024.
3. Presented a poster titled 'Clinical utility of serum procollagen type 1N Propeptide levels in the diagnosis of diabetic foot osteomyelitis - a comparative cross-sectional analytical study' as co-author in the 21st DFSI, 10th IADFS and 2nd D-Foot International Conference, Mumbai, India held in Sep 2024.
4. Participated as organising team in 10th JIPMER research day

Dr. S. Sudharsanan

Participated as Speaker 2024 in the MIST 2024 from 03 Oct 2024 to 05 Oct, conducted by Mahatma Gandhi Medical College & Research Institute, Pondicherry.

Dr. Debasis Naik

As part of the ICMR project titled "Pilot Study on the Implementation of an Audit Framework for MCCD," Dr. Debasis Naik conducted an orientation class on Medical Certification of Cause of Death. This session was held for the residents of the Surgery, Surgical Oncology, and Surgical Gastroenterology departments in January 2025, followed by a session for the residents of the Orthopaedics department in February 2025.

Participation in health camps/ public health awareness/ education programme-

Dr. S. Sudharsanan delivered a health awareness talk on cancer prevention, early detection, and treatment on World Cancer Awareness Day, February 4, 2025, on

Suryan FM. This event reached a broad audience to promote cancer education and public health awareness.

Major events in Department

New services started – Chronic pancreatitis clinic under unit III from September 2024

Awards and Honours

Dr Vikram Kate

1. Appointed as Editorial Board Member of the Journal of Gastrointestinal Surgery, the official journal of the Society of the Surgery for the Alimentary Tract (SSAT), USA (2024-28).
2. Appointed as the Editor-in-Chief of the "Indian Journal of Surgery", official journal of the Association of Surgeons of India for a tenure of 2025-2030.
3. Member of the Research Committee of the Society for the Surgery of the Alimentary Tract (SSAT), USA (2025-27).
4. Member of the Faculty Development Committee of the Odisha University of Health Sciences, Bhubaneswar, Odisha, for the assessment of the professional development needs of the faculty members and to design and implement targeted training program.

Best paper Awards/honours

International

Dr. Vikram Kate presented paper titled "Comparison of adapted Enhanced Recovery After Surgery (ERAS) pathway versus standard care in patients undergoing emergency abdominal surgery – a randomized controlled trial. – Lecture Presentation in the SSAT Presidential Plenary Session: (Society for Surgery of the Alimentary Tract) at the 65th Annual meeting of The Society for Surgery of the Alimentary Tract (SSAT) and the 55th Digestive Disease Week (DDW) Conference-2024 held at Washington D.C. USA from 18th to 21st May 2024. The paper was co-authored by Likhita S. Singh, Gurushankari Balakrishnan, Sureshkumar Sathasivam, Anandhi Amaranathan, Thulasingam Mahalakshmy, Pankaj Kundra. (Picture enclosed)

Dr. Vikram Kate presented paper titled "Development of nutritional risk assessment models using least absolute shrinkage selection operator for predicting postoperative complications among patients undergoing elective abdominal surgery in the SSAT Plenary and Oral Session: Best of Peritoneal Surface/ Abdominal Wall/Small Bowel (PAWS) Diseases Session, (Society for Surgery of the Alimentary Tract) at the 65th Annual meeting of The Society for Surgery of the Alimentary Tract (SSAT) and the 55th Digestive Disease Week (DDW) Conference-2024 held at Washington D.C. USA from 18th to 21st May 2024. The paper was co-authored by Hemamalini Raghuraman, Gurushankari Balakrishnan, Rajalekshmy R. Mini, Elamurugan TP, Thulasingam Mahalakshmy, Nivedita Nanda, Rajesh Nachiappa Ganesh, Gomathi Shankar, Yuvaraj Krishnamoorthy.

Dr. Uday Shamrao Khumbhar and Dr. Vijayakumar C

1. Dr Kada Sri Vidul, Junior Resident, Department of Surgery, won the "IAGES Best PG Thesis award for the year 2024-25" for his thesis entitled "Comparison of postoperative pain in laparoscopic Total Extra-peritoneal Hernioplasty using self-Gripping mesh versus polypropylene mesh fixed with absorbable tackers - A parallel arm double blinded randomized control trial ". This thesis was guided by Prof. Uday Shamrao Kumbha, Dr. Vijayakumar C and Dr. Rajeswari M. Junior Resident received the certificate of appreciation and Prize worth Rs 1 Lakh at IAGES South Asi Conference held at Kathmandu, Nepal on 2nd February 2025.
2. Dr. Vijayakumar C received the Best Faculty Paper (Second Prize) for the paper entitled "Comparison of postoperative pain in laparoscopic Total Extra-peritoneal Hernioplasty using self-Gripping mesh versus polypropylene mesh fixed with absorbable tackers - A parallel arm double blinded randomized control trial". The paper was co-authored by Kada Sri Vidhul, Uday Shamrao Kumbhar.

Dr. Elamurugan

Elected as a Surgical Fellow without Examination of the Royal College of Surgeons of Edinburgh, United Kingdom

Dr. S. Sudharsanan

1. Golden Jubilee Short-Term Research Award for Undergraduate Students (GJSTRAUS) 2025 for guiding the Undergraduate project titled "Development and Validation of a Scoring System to Predict 30-day Mortality in Patients Undergoing Emergency Laparotomy.
2. Awarded the Indian Council of Medical Research-Short Term Studentship (ICMRSTS) award for guiding the undergraduate project on "Clinical and pathological predictors of recurrence in patients

National Quiz

Dr. Kishore Kumar U and Dr. Venkatesh A secured the 2nd Runner-up position in the ASI- Zuventus Surgical PG Quiz Contest Grand Final. Representing the state of Puducherry at the national level, they were awarded a cash prize of ₹15,000.

Administrative Assignments

Dr Vikram Kate

Editor/Editorial Board Member:

1. Editorial Board Member of the Journal of Gastrointestinal Surgery, the official journal of the Society of the Surgery for the Alimentary Tract (SSAT), USA (2024-28).
2. Editor-in-Chief of the "Indian Journal of Surgery", official journal of the Association of Surgeons of India for a tenure of 2025-2030.
3. First Editor-in-Chief of Annals of Minimal Access Surgery & Allied Science --the Official Journal of the Association of Minimal Access Surgeons of India published by Wolters Kluwer.
4. Editor-in-Chief of the International Journal of Advanced Medical and Health Research, the journal published by JIPMER from July 2016.
5. Editorial Board Member Gastroenterology Research & Practice
6. Chief Editor for Medscape Reference Gastrointestinal Procedures Section
7. Editorial Board Member Indian Journal of Surgery (2019-24).

Member in constituted Institute Committees

JIPMER

- Dean (Academic) from 23rd January 2023.
- Editor-In-Chief – JIPMER official publication – International Journal of Advanced Medical Health Research
- Chairman – JIPMER Annual Report Committee
- Chairman – Central Stores Committee.
- Member – Academic Advisory Committee.
- Chairman – of the Committee for Board of Studies in respect of Super-Speciality Courses.
- Chairman – of the Committee for Board of Studies in respect of College of Nursing Courses.
- Member- JIPMER Research Advisory Committee (JRAC)
- Member-Secretary of the Committee for "Board of Studies in respect of Post Graduate Courses/ undergraduate Courses".

National

- Member on the Planning Board of the Maharashtra University of Health Sciences,Nashik, Maharashtra.
- Member --Board of Research, (Ph.D., Post Doc, Fellowship, Certificate, and various grants) for Medical, Dental and Allied Health Sciences Faculties of the
- Maharashtra University of Health Sciences, Nashik, Maharashtra.
- Member of the Faculty Development Committee of the Odisha University of Health Sciences, Bhubaneswar, Odisha, for the assessment of the professional development needs of the faculty members and to design and implement targeted training program.
- Member of the Selection Committee for the faculty in Banaras Hindu University, Varanasi.
- Member of the Selection Committee for the faculty in Andaman and Nicobar Islands Institute of Medical Sciences as a Pondicherry University Nominee.

International

- Member of the Research Committee of the Society for Surgery of the Alimentary Tract (SSAT), USA from May 2020-May 2027.
- Appointed as an overseas Member of the Surgical Specialty Board in General Surgery (General, GI and HPB Surgery) of The Royal College of Surgeons of Edinburgh, UK for a period of three years 2021-25 by the President RCSEd.
- Appointed as a Member of the Program Subcommittee Small
- Bowel/Abdominal/Wall/Hernia/Other of the Society for the Surgery of the
- Alimentary Tract (SSAT), USA (2021-25)
- Appointed as a Member of the Program Subcommittee Small
- Bowel/Abdominal/Wall/Hernia/Other of the Society for the Surgery of the Alimentary Tract (SSAT), USA (2021-25).
- Office bearer in National / State or Inter-institute committees or Government approved academic / scientific bodies

Dr. Elamurugan

- Associate Dean (Academics)
- Member secretary, JIPMER Annual Report Preparation committee
- Member, Nursing Research Monitoring Committee
- Member, Intramural Fund Committee

Dr. S. Sudharsanan

- Member of Institute Ethics Committee for Observational studies in JIPMER
- Executive member of the Annual report committee in JIPMER
- Joint Secretary of Association of Surgeons of India, Puducherry chapter

Department of Surgical Gastroenterology

Faculty List

Professor & Head

- Dr. Biju Pottakkat

Additional Professor

- Dr. Kalayarasan R

Assistant Professor

- Dr H. Sakthivel
- Dr Pothugunta Saikrishna

Departmental Highlights

The department of surgical gastroenterology at JIPMER is a 30-bedded clinical unit with three full time faculty, nine MCh resident doctors, One postdoctoral fellow, PhD and research scholars, junior residents, nursing and other supporting staff. The department manages patients with complicated surgical problems in the GI tract and has outpatient clinics, general and special wards, intensive care unit and operation theatre. It is the only Surgical Gastroenterology department in the country to run Superspeciality (MCh Surgical gastroenterology), postdoctoral (PDF in HPB Surgery) and PhD in the field of gastrointestinal surgery. The department runs a simulation laboratory, stoma clinic, liver clinic and a diet clinic. State of the art facilities and equipment are available to fulfil the needs of complicated patients. The goal is to act as a department of excellence in patient care, teaching and research.

Educational Courses

The MCh Surgical Gastroenterology course was commenced on 16/08/2011 with two sanctioned seats per year. The selection for MCh in Surgical Gastroenterology is through a national eligibility written test. Dr Pradeep Joshi and Dr Salil Kumar Parida were the first MCh trainees of the department. From January 2019, the number of sanctioned seats has been increased to 3 per year. As on 31st March 2023, the department has 6 residents undergoing training for MCh Surgical Gastroenterology. The department started PhD in Surgical gastroenterology in 2016 with one sanctioned seat per year. The department started a Post-Doctoral Fellowship (PDF) course in hepatopancreatobiliary surgery from July 2017 with one sanctioned seat per year.

Departmental Activities for the Year 2024-25

National conference Organised

- 20th Annual National Conference of Indian Chapter of IHPBA from 5th April 2024 to 7th April 2024
- Mastery in Minimal Access Surgery (HPB) from 04th April to 06th April 2025

State chapter meet

- Workshop on "Applied and Holistic Clinical Nutrition on 10th & 11th May 2024
- Breastfeeding week Program on 17th August 2024 (Webinar)Theme: Closing the gap: Breastfeeding Support for all
- Seminar on Insight into Clinical Nutrition, on 23rd Feb 2024
- National Nutrition Month Program on 21st Sep 2024 at the topic of International Webinar on Smart Nutrition: The Role of Technology in Gut Microbiome wellness
- Breastfeeding week Program on 10th August 2024 – Workshop
- National Nutrition Month Program on 21st Sep 2024 for school children in Puducherry
- Seminar on Clinical Nutrition in AI on 15th & 16th March 2025

Faculty conference participation :

Dr Biju Pottakkat:

- Delivered 18 lectures in various conferences and CME held in India and abroad.

Dr Kalayarasan Raja

- Demonstrated "Robotic Pancreaticoduodenectomy" in the Live operative workshop conducted as part of IHPBA National Conference in JIPMER ,Puducherry.
- Delivered faculty lecture on "Anatomical landmarks for total mesopancreas excision during pancreatoduodenectomy" at 20th Annual Conference of the Indian chapter of IHPBA, Puducherry
- Delivered faculty lecture on "Robotic Radical Antegrade Modular Pancreato-Splenectomy (RAMPS) Procedure-Anatomical Landmarks, Tips and Tricks" at 54th Congress of KSERS & 14th International Symposium (KSERS 2024), Daejeon, South Korea.
- Delivered faculty lecture on "Indocyanine Green in Gastrointestinal surgery" at IASG Midterm Conference, Ahmedabad, India
- Delivered faculty lecture on "Robotic Pancreatoduodenenctomy" at FARIS Conclave, Noida, India
- Delivered faculty lecture on "Preoperative preparation and surgical technique for safe DP-CAR" at HBP Surgery week 2025, Gyeongju, Korea

Dr H.Sakthivel

- Delivered Faculty lecture on "Trouble shooting while feeding a critically ill patient: ***Monitoring and Managing complication***" *Clinical Nutrition Symposium series -2025 organized by IAPEN INDIA – India Association for Parenteral and Enteral Nutrition, Puducherry Chapter in collaboration with Indian Society of Critical Care Medicine, Puducherry on 22.06.2025*
- Invited as Faculty for 7th JIPMER SURGERY UPDATE and chaired two sessions on Small bowel transplant and HCC treatment options and was Examiner for a Case Presentation on Portal Hypertension held on 30.03.2025
- Invited as a Speaker for the Master Video Presentation session at ARIS 2025, April 18th – 20th, 2025, at Ramoji Film City, Hyderabad, India and presented on "Robotic Pancreaticoduodenectomy in a Patient with Replaced Right hepatic artery from Superior Mesenteric artery" and "Robotic management of complicated choledochal cyst - Technical challenges in a series of 3 cases".
- Invited as a Faculty for PSG ROBOCON 2024 held on August 23 – 24 , 2024 and delivered a talk on "Robotic Pancreaticoduodenectomy"
- Delivered a Talk on Landmark Trials in Cholangiocarcinoma in 20th National Conference of Indian Chapter of IHPBA 2024 , held in Pondicherry from April 5 – 7.
- Delivered a Talk on Minimally Invasive Surgical Anatomy of Bile Duct in the Mastery in Minimal Access Surgery (MMAS) Fellowship program in HPB Surgery Course Organised in JIPMER Puducherry from April 4 – 6, 2025.

Dr Pothugunta Saikrishna

- Delivered a Talk on Landmark Trials in Pancreas in 20th National Conference of Indian Chapter of IHPBA 2024 , held in Pondicherry from April 5 – 7.
- Delivered a Talk on Minimally Invasive Surgical Anatomy of Pancreas in the Mastery in Minimal Access Surgery (MMAS) Fellowship program in HPB Surgery Course Organised in JIPMER Puducherry from April 4 – 6, 2025.

Participation in health camps/ public health awareness/ education programme

- Dr Kalayarasan gave patient awareness talk on Jaundice and Liver disease in Doordarshan in July 2024.

Awards and Honours

- Dr Kalayarasan, Associate Professor won the prestigious Vattikuti Foundation's KS Innovation Award for his Novel Robotic Hilar Bile duct Resection Technique which was given the award ceremony held in Jaipur in February 2025.
- Dr Lunkhomba Takhellambam, Senior Resident won first prize for video presentation in HPB Radiology Course, May 2025. Video titled- "Post-pancreatectomy haemorrhage."
- Dr Siddhanth Sarthak, Senior Resident presented an oral paper titled "Long-standing non-cirrhotic portal hypertension causes splenic artery aneurysm: its implications, complications and management dilemma in the 21 st Annual Conference of the Indian Chapter of IHPBA held on March 20-23, 2025, at Fairfield by Marriott, Kolkata
- Dr Siddhanth Sarthak, Senior Resident Oral Video presentation titled " Robot assisted hilar bile duct resection, caudate lobectomy, segment IV resection in a patient with Bismuth colerette type IV cholangiocarcinoma" at the HBP Surgery Week 2025 & the 62 nd Annual Congress of the Korean Association of HBP Surgery (HBP Surgery Week 2025) and was awarded 500$ travel grant on March 27 (Thu) to 29 (Sat), 2025 at HICO, Gyeongju, Korea.
- Dr Ankith Anand, Senior Resident won First Prize in Video presentation-Laparoscopic management of left hepatic artery aneurysm with hemangioma in IASGCON 2024 held in Patna.
- Dr Venkatesh Damalapati , Senior Resident "Minimally invasive surgery for post cholecystectomy bile duct injuries – surgical technique & outcomes". Presented Oral paper presentation in the 21st Annual conference of Indian chapter of IHPBA on March 2025 held at Kolkata.
- Dr Venkatesh Damalapati , Senior Resident "Robot-assisted hilar bile duct resection, segment IV resection, caudate lobectomy, standard lymphadenectomy, and Roux-en-Y cholangiojejunostomy for type IV hilar cholangiocarcinoma". Secured first prize in Award video presentation in the 21st Annual conference of Indian chapter of IHPBA on March 2025 held at Kolkata.

Professor Biju Pottakkat

- Visiting Professor, CMC vellore
- MRCS- Glasgow
- Association Office bearer
- National Secretary- International Hepato-Pancreato-Biliary Association (IHPBA) India
- Chairman- Puducherry state Chapter- Association of Surgeons of India
- National Vice President- Indian Association of Parenteral and Enteral Nutrition (IAPEN)
- National executive committee member- Association of Surgeons of India

- National executive committee member- Association of Minimal Access Surgeons of India
- Executive committee member- Association of Minimal Access Surgeons of India- South Zone
- Programme Director- GI Nutrition Core Group-IAPEN

Dr Kalayarasan Raja

- Nominated as the program coordinator of the IHPBA outreach program in Cambodia
- Nominated as scientific committee member of APHPBA

Administrative Assignments

Dr Biju Pottakkat

- Vice President, Indian Association of Parenteral and Enteral Nutrition (IAPEN India), National executive committee member of the Association of Minimal Access Surgeons of India (AMASI).
- He is the editor in Chief of Journal of Nutrition Research. He is executive committee member of Association of Surgeons of India (ASI) and Chairman of Puducherry Chapter, ASI.
- He is executive committee member, International Hepatopancreatobiliary Association (IHPBA India), Member, State Organ and Tissue Transplant Organization (SOTTO) and Member, Project Evaluation Committee, ICMR.
- He is a member, Transplant Committee, National Health Authority, Govt of India.He was the also in the faculty selection board of AIIMS Rishikesh and NIMS Hyderabad.
- He is a member of expert technical committee of Sri Chitra Tirunal Institute, Trivandrum and AIIMS, Bhubaneswar.
- He was the examiner for Post Doctoral Fellowship Exam-JIPMER and MCh examinations in JIPMER, SUM university Bhubaneswar, AIIMS Patna, PGI Chandigarh (twice), GB Pant Institute Delhi, Bangalore Medical College, Madras Medical College.

Dr Kalayarasan

- Member of the Asia Pacific Advanced Telemedicine Network (APAN) Medical working group steering committee.
- He is the national executive committee member of International Hepatopancreatobiliary Association (IHPBA India) and scientific committee members of Asia Pacific Hepatopancreatobiliary Association (APHPBA).
- He is a membership committee member of International Society for Diseases of the Esophagus (ISDE) and program coordinator for International Hepatopancreatobiliary Association (IHPBA) outreach program.
- He is the editor He is an officer in charge of the Hospital Information System Unit and member secretary of JIPMER Telemedicine committee.

Department of Surgical Oncology

Faculty List

Professor & Head

- Dr. A. Balasubramanian

Assistant Professors

- Dr. S. Pradeep
- Dr. G. Sudhakar

Departmental Highlights

Department of Surgical Oncology marked a new dawn in managing human cancer in JIPMER when it came into existence in 2010. Established with a mission to combat and extend an effective treatment approach to cancer, the dedicated and highly specialized team provides comprehensive screening, early diagnosis, treatment, follow-up, and palliative care to every possible form of cancer. Some of the major highlights in the recent past have been performing Limb salvage surgeries with reconstruction for Bone & Soft tissue sarcoma, Advanced Robotic surgeries, Video assisted thoracoscopic surgeries, Cytoreductive surgery with Intraperitoneal chemotherapy for peritoneal malignancy.

Educational Courses

The Department of Surgical Oncology offers an MCh residency program with an annual intake of three students (including one sponsored seat). The course was started in the year 2013, and as of 31st March 2025, six students are undergoing training in MCh Surgical Oncology. The admission process into the course is through an Institute of National Importance Combined Entrance Test.

Departmental Activities for the Year

Faculty Conference Participation

Dr. A. Balasubramanian participated as faculty in the ASOCON 2024 National Conference and presented a surgical video on Robotic Right Hemicolectomy with CME and D3 Lymphadenectomy. His Master Surgical Video on Limb Sparing Surgery for Ewings Sarcoma got best Surgical Video award in National conference held on Sep 5-6, 2024 in National Cancer Institute, AIIMS, New Delhi.

He participated as faculty in the 14th Annual conference of the Pondicherry Orthopedic Association (POACON 2025) held on 3-5 January 2025. and presented a talk on Bone sarcoma resection operative techniques. He was a Resource Faculty in 5th Annual conference of the Association of Surgeons of India Puducherry on 30th Jan- 1st Feb 2025 and conducted a panel discussion on Soft Tissue sarcoma and their management. He participated as a faculty in the CME on Supportive care in Oncology held on 25-26 Jan2025. He delivered a lecture on Early rectal cancer management in CME on Rectal Cancer held at Jipmer on 23rd November 2024.

He was a committee member for organizing the Robotic surgery certificate course and as faculty demonstrated with videos of robotic surgery in surgical oncology in the Robotic surgery workshop conducted in JIPMER on 24-25 January 2025. He completed TR300 Esophagectomy training on 28th Feb 2024 held in Ramaiah Advanced training center, Bangalore, India.

Dr. S. Pradeep chaired the session on Pain management in Acute and Chronic Pancreatitis in the 20th Annual National Conference of Indian Chapter of International Hepato-Pancreato-Biliary Association held on 04th April 2024 in JIPMER, Puducherry.

He delivered a Master Video lecture on Robotic Retroperitoneal Lymph Node Dissection in the PSG ROBOCON 2024, conducted by PSG Hospital, Coimbatore on 24th August 2024. He delivered a talk on the Managing Malignant Tumors of Parotid and the need for Neck Dissection in the CME on Parotid Disorders: A Clinical Update on the Surgical Management conducted by the Department of ENT, JIPMER on 23rd February 2025.

Dr. Sudhakar. G presented a video on Limb salvage surgery for extremity soft tissue sarcoma, in ASOCON Delhi held on 6th -7th September 2024, National Cancer Institute, AIIMS, Delhi and presented a video on Robotic Hysterectomy and sentinel lymph node Biopsy in early endometrial cancer held at Puri Midcon Feb 2025 IASO Conference Bhubaneswar.

Awards & Honours

- Dr. Sinduja Ramanan, MCh Senior resident was awarded the Best video presentation award for the video presentation on 'Extracorporeal irradiation for Ewings sarcoma femur' at ASOCON Conference, organised by the Department of Surgical Oncology, AIIMS New Delhi in September 2024. She was also the recipient of a Travel Grant of Rs.10000 for the same conference.
- Dr. Vigneshwar T, Senior Resident won the first prize in the Best poster category for his poster titled 'Survival outcomes of patients underwent HIPEC, A Single centre experience' in the COPS 25 held in January 2025 at Namakkal, Tamil Nadu. He was

also awarded a Free registration grant to attend the CANCON 25 (INDESPO) at Kerala.

- Dr. Sinduja Ramanan, MCh Senior resident won the first prize in the Best paper award category for the paper titled 'Clinical determinants of complete cytoreduction in patients undergoing surgery for Pseudomyxoma peritoneii & factors affecting postoperative outcomes- A single centre experience of 25 patients' in the MIDCON conference, the midterm conference of IASO held in Puri, Bhubaneshwar in February 2025. She was awarded a cash prize of Rs.25000/- for this and the IASO travelling fellowship award. She was also awarded the Best video award for the video presentation on 'Total femur resection with Endoprosthesis reconstruction for a case of Ewing's sarcoma of the femur' at the same conference.

Health Education for Patients and Public

It was provided about various types of Cancer, risk factors for Cancer, Cancer Screening, Cancer Prevention, Management facilities etc., in all days in OPDs and was carried out by medical social worker Mr.Satiyanadamourthy

Administrative Assignments

Dr. S. Pradeep

- Appointed as Nodal Officer for Departmental Website Update
- Appointed as the Member of Brain Death Certification Committee

Department of Transfusion Medicine

Faculty List

Additional Professor & Head of the Department

- Dr. B. Abhishekh

Additional Professor

- Dr. Rajendra G Kulkarni

Associate Professor

- Dr. Dibyajyoti Sahoo

Assistant Professor

- Dr. Aparna Krishna

Chief Medical Officer

- Dr. A. Vadivel (from 01.04.2024 to 24.02.2025)
- Dr. Sunil Jadhav (from 25.02.2025 to 31.03.2025)

Departmental Highlights of the Year 2024-25

This year demand for blood components rose and along with our collection we were supported by other blood centres of Pondicherry. We have conducted 65 voluntary blood donation camps.Our total collection is 22,383 and issued 22,262 units.This year, We have collected 437 Single donor apheresis platelets and performed 41 peripheral blood hematopoietic stem cells. We perform Immunohematology tests like- Direct and Indirect Antiglobulin DAT & IAT). We also typify the antigen (phenotype), antibody, IgG class in DAT and IAT, and we estimate antibody titers and alloantibody identification through advanced immunohematology procedures like- red cell antibody screen and identification by red cell panels, antibody elution, and adsorption. We have established a Quality management system in place as required by Indian Drugs and cosmetic act and rules1945.

Educational Courses

The Department runs a postgraduate course - MD (Immunohematology & Blood Transfusion) with an annual intake of 4 residents, a Post-Doctoral certificate course in Apheresis with one senior resident, an undergraduate course - B.Sc. (AHS) MLT in blood banking with 5 students, and a certificate course in Phlebotomy with intake of 7 students. It also provides training for students of DM (Medical Oncology), MD (Pathology), MBBS, B.Sc. (MLT) & M.Sc. MLT (Pathology), B.Sc. & M.Sc. (Nursing) and other paramedical courses. As on 31st March 2025, the Department has two non-academic and one academic Senior resident, 7 Junior residents undergoing MD (Immunohematology & Blood transfusion). 11 students in B.Sc. (AMS) MLT in blood banking. 4 residents obtained their MD degree during the period under report, four students completed their B.Sc. (AHS) MLT in blood banking.

Departmental Activities for the Year 2024-25

Organised Conference/ CME/ workshop

National Conference/workshop

"TransCoMet 2025" was conducted from 20.03.2025 to 22.03.2025 at the Department of Transfusion Medicine, JIPMER. Around 25 faculty members specializing in Transfusion Medicine were participated from various states.

Local workshop / CME

CME on "Antenatal Serology" was conducted on 09.11.2024 at JISPH, JIPMER, Puducherry. Around 100 Residents from the Department of Transfusion Medicine and Obstrics & Gynecology from various institute have participated in this CME.

Faculty conference participation

Dr. B. Abhishekh, Additional Professor & Head, was invited as a guest speaker at the National Conclave on Blood Transfusion Services on 5th and 6th February 2025 at Kochi, Kerala, and delivered a talk on "Advancing Research Policy and Priorities for strengthening Blood Transfusion Services." He was invited as panelist member for the CME-TMASCON 2025, hosted by the Transfusion Medicine Academic Society on 30th March 2025 at IMA House, Kaloor, Kochi, on the topic "Key Practical Considerations in Stem Cell Collection & Post Collection Modifications". He was invited as a guest faculty at the "International Symposium on Neonatal and Pediatric Transfusion Practices" on 21st December 2024, organised by the Department of Transfusion Medicine at PGICH, Noida, to deliver a talk on Neonatal Transfusion: "What's in my blood bag?". He was invited as a guest speaker at the First National CME of Indian Society of Transfusion Medicine (ISTM) to be held on 11-12 July 2024, at Thiruvananthapuram, Kerala, and delivered a talk on "Innovative strategies to mitigate donor adverse events." He was invited as a guest speaker at the CME program "Advancements in apheresis and Transfusion reactions" held at Manipal Hospitals, Gurugram on 28th August 2024 and delivered a talk on "Evidence-based - Advanced apheresis technologies". He was invited as a guest speaker at the 20th Annual National Conference of the Indian Chapter of International Hepato-Pancreato-Biliary Association on 4th Apr 2024, held at JIPMER, Puducherry, and delivered a talk on Case presentation – Therapeutic plasma exchange, with nursing responsibilities. He was

invited as a guest speaker at the TRANSCON 2024 - 49th Annual National Conference of the Indian Society of Blood Transfusion and Immunohaematology, hosted from the 21st November 2024 to 23rd November 2024 at Mahatma Mandir Convention and Exhibition Centre, Gandhinagar, Gujarat, India and delivered a talk on " Breaking RhD Barrier in Red Cell Transfusions - When, where & by whom?" He was invited as a Faculty for the 12th Annual Conference of ISTM - TRANSMEDCON 2024 and the preconference workshops on "Educational leadership" and delivered a talk on "Kindling embers in the field of transfusion medicine – A panel discussion on education The future and the path ahead that was held between 26th and 29th September 2024 in Mahabalipuram. Dr. Rajendra G Kulkarni, Additional Professor, had attended and chaired a session in the 12th Annual Conference of ISTM -TRANSMEDCON 2024 held at Mahabalipuram from 27th to 29th September 2024. He also attended and chair a session in the National Workshop on Operationalizing the External Quality Assessment Programme for Blood Centres, organized by the Blood Transfusion Services Division, Directorate General of Health Services (Dte. GHS), Ministry of Health & Family Welfare, Government of India, in collaboration with the WHO India Country Office and Department of Transfusion Medicine, CMC- Vellore on 16-17 January, 2025. Dr. Dibyajyoti Sahoo, Associate Professor, had attended as delegate in the First National CME of Indian Society of Transfusion Medicine (ISTM) held on 11-12 July 2024, at Thiruvananthapuram, Kerala. He delivered a talk on "DCT Dilema" in CME-cum workshop on "Antenatal Immunohematology" organized by department of Transfusion Medicine, JIPMER. annual researchday. Dr. Aparna Krishna, Assistant Professor mentored an undergraduate MBBS student who received GJ STRAUS 2024 award. Presented a poster in 12th Annual Conference of ISTM, TRANSMEDCON 2024 and attended a workshop on 'Educational Leadership' in the same conference held. In September 2024. Presented an oral presentation at TRANSCON 2024-49th Annual National Conference of the Indian society of Blood Transfusion and Immunohematology held in November 2024.Presented a poster in SACT-2025, Series on advancements in Cell therapy, March 2025 and was awarded second price for the same. Attended a CME TMASCON 2025 as a delegate in March 2025.

Participation in health camps/ public health awareness/ education programmes:

Dr. Abhishekh B, Dr. Rajendra G Kulkarni, Dr. Dibyajyoti Sahoo and Dr. Aparna Krishna have participated in voluntary blood donation camps and given talks on various topics pertaining to voluntary blood donation.

Administrative Assignments

Member in constituted Institute Committees:

Dr. B. Abhishekh is a Faculty/Resource person for National Teacher's Training Course. Dr. Rajendra G Kulkarni is the Member secretary of the Blood and Injection safety group of JIPMER JQC and a Member of Undergraduate Research Monitoring Committee. Dr. Dibyajyoti Sahoo is the Nodal officer for Departmental website committee, Condemnation officer for JIPMER Academic Center.

Department of Urology

Faculty List

Professor (Sr. Scale) & Medical Superintendent

- Dr. L.N. Dorairajan

Additional Professor & Head

- Dr. Sreerag K.S.

Associate Professor

- Dr. Sidhartha Kalra

Assistant Professor

- Dr. Rudra Prasad Ghorai

Department Introduction

The department has expanded its service in Uro-oncology with respect to the comprehensive management of Urinary bladder cancer and male urethral cancers. The Department has completed about 400 robotic procedures comprising both ablative and reconstructive surgeries. These include complex surgical procedures like partial nephrectomy, radical cystoprostatectomy with intracorporeal urinary diversion, radical prostatectomy, augmentation of bladder and replacement of ureter with ileum, ureteric tailoring and reimplantation and ureterocalicostomy, radical nephrectomy with ivc thrombectomy, with favourable outcomes.

New facilities/services/events in the year 2024-25

Clinical

- Performed more than 350 renal transplants
- Facilitated in shifting Transplant ICU to SSB annexe Transplant ICU, starting the SSB annexe Minor operation theatre
- Performed more than 200 robotic surgeries. Highlight is robot assisted radical nephrectomy and IVC thrombectomy.
- Performed high end laparoscopic radical cystectomies, laparoscopic radical nephrectomy with renal vein and (level 0) IVC thrombus (level 1)
- In patient urological care.
- Urological consultancy service to other departments.
- Open urological operations for adult and paediatric patients.
- Adult and paediatric endoscopic upper and lower urinary tract diagnostic and therapeutic procedures.
- Adult and paediatric laparoscopic uro oncology, ablative and advanced reconstructive procedures.
- Extracorporeal shock wave lithotripsy service.
- Outpatient urological surgery and endoscopy.
- Image guided urological interventions.
- Surgery for male infertility and sexual dysfunction.
- Surgery for vascular access for dialysis.
- Renal transplant surgery including laparoscopic donor nephrectomy and deceased donor renal transplant surgery.
- Surgery for renovascular hypertension.
- Robot assisted laparoscopic ro oncology and reconstructive surgeries.
- Surgery for female lower urinary tract disorders.
- Holmium Laser enucleation surgery for benign enlargement of prostate
- Retrograde Intra renal surgery for renal stones.
- Female Lower Urinary Tract reconstructive surgery.
- Advanced Robotic urologic reconstructive and ablative surgeries.

Conference Participation/Administrative Assignments

Dr. Sreerag K.S.

- Participated in Mid-term conference on Geriatric urology & Men's health at Kochi in April 2024
- Participated in video workshop and CME on Reconstructive Surgery of Upper Urinary Tract in JISPH conference hall on 19.05.2024
- Invited as a faculty for uro oncology session in USICON Chennai in Jan 2025
- Invited as a faculty to deliver a talk in European Association of urology and urology society of India uro oncology conference in Kolkata in Feb 2025
- Delivered guest lecture on World Kidney Day at IGGGH&PGI, Puducherry in March 2025
- Delivered a talk in renal transplant workshop and conference organized by AIG Hospital Hyderabad

Dr. Sidhartha Kalra

- Multiple National presentation at various conferences with Best video South zone conference 2024 (robotic reconstruction in extrophy) Best Video FUSICON 2025 Robotic Mitrofanoff reconstruction
- Performing advanced Robotic reconstructive procedures such as robotic mitrafanoff and mainz pouch.
- Elected USI Council member for Functional and female urology section 2025
- Invited faculty at USICON 2025, Neurourology course Trichy 2025, AOGIN INDIA 2024 , FUSICON 2025
- Video Workshop upper urinary tract reconstruction JIPMER Pondicherry May 2024 Co-Organizing secretary and faculty

Dr. Rudra Prasad Ghorai

- Organised and ran a structured MCh Urology Residency Programme with weekly sessions covering basic urology training, research methods, data analysis, and presentation skills. The sessions were well-attended and positively received.
- Successfully conducted as course coordinator of hands-on workshop in CONNAISSANCE 2025 in JIPMER and it was well attended and positively received by MBBS students.
- Received First prize for Moderated podium and Moderated poster presentation in NZUSICON.

Administrative Assignments

Dr. L.N. Dorairajan

- Medical Superintendent of JIPMER Hospital.
- Appointed as an expert by the Pondicherry University in the Board of Studies for the B.Sc. Reproductive Medicine and Clinical Embryology, B.Sc. Uro Care, Technology, B.Sc. Hematology & Blood Banking Technology.
- External Subject Expert for assisting the Standing Selection Committee for the recruitment of faculty members for AIIMS, Raipur, AIIMS, New Delhi and AIIMS, Nagpur.
- Member of the committee for inspection of East Coast Hospital, Puducherry for advising on the suitability of the centre to perform Kidney Transplantation in terms of the Transplantation of Human Organs Act, 1994.
- Immediate Past President and Ex-Officio Member of Council of the Tamil Nadu and Pondicherry Association of Urologists.
- Elected Council Member in the Executive Council of the Association Southern Urologists.
- Member of the Urology Board of Studies for Sri Balaji Vidyapeeth (Deemed University).
- Secretary for JIPMER Alumni Association conducted annual alumni meet.

Dr. Sreerag K.S.

- Faculty for Advanced trauma life support provider course, stoma nursing course apart from taking classes for MBBS lecture classes, peripheral posting for surgery residents and MCh Training classes.
- In charge of simulation training program in urology.
- Course co-ordinator for ATLS India JIPMER chapter.
- Secretary for JIPMER Alumni Association conducted annual alumni meet
- Examiner of MCh Urology Exam at JIPMER, Puducherry in 2024.
- Participated in Puducherry National Doctors Cricket League in 2025.
- Conducted video workshop and CME on Reconstructive Surgery of Upper Urinary Tract in JISPH conference hall on 19.05.2024
- Question paper setter for Dr NB urology exams and INI SS exams
- External Practical examiner for Rajiv Gandhi university, MGR university, Amritha institute of Medical Sciences, Kochi, AIIMS Bhubaneswar, MS Ramayya medical college Bangaluru

Dr. Sidhartha Kalra

- Fire Safety Department Coordinator
- Nodal Officer for updating departmental activities in JIPMER Website.
- Faculty female sub-section urological society of India.

Dr. Rudra Prasad Ghorai

- Coordinator for TNCMCHS from July 2024.
- Coordinator for Karaikal Health Camp.
- Coordinator for B.Sc stoma course.

College of Nursing

Faculty List

Professor cum Principal (Ag.)

- Dr. M. J. Kumari

Assistant Professor

- Mr. R. S. Ramesh
- Dr. Lakshmi Ramamoorthy
- Dr. Padmavathi Nagarajan
- Dr. Vetriselvi. P

Tutor

- Mrs. Yamuna. T.V
- Dr. Porkodi Rabindran
- Mrs. Arul Nisha. S
- Mrs. S. Angelin Mary Sheela
- Dr. Kavitha. R. R
- Mrs. Niksy Abraham
- Mrs. Kanimozhi. K
- Mrs. Aruna. P
- Dr. Janarthanan. B
- Mrs. Muthu Lakshmi. K
- Mrs. Vembu. K
- Mrs. Vanitha. N
- Mrs. Shanmuga Priya. K
- Mrs. S. Rani

Lecturer (Contract)

- Mr. Periyasamy. K

Assistant Professor (Contract)

- Dr. Aanandhi V.N.
- Dr. K. Sivasankari
- Mr. Sreekanth. P.S
- Mrs. Huldah. J
- Mrs. Jayasri V
- Mrs. Vidya. J
- Mrs. Nandhini. S
- Mrs. Vidhya. G

Tutor (Contract)

- Mrs. K. Sivaranjiny
- Mrs. Malarmathi. M
- Mrs. Subasri. S

Departmental Highlights

The College of Nursing, JIPMER conducted Lamp lighting programme for B.Sc. Nursing I year students, celebrated world health day and Nurses day. Nursing research monitoring committee meeting, institutional ethical committee (Human studies) for nursing courses was conducted for nursing students' research study. Doctoral committee meetings were conducted for Ph.D. scholars. In the final examination, B.Sc. Nursing IV year got 100%; III year got 97%; II year got 86% and I year got 66.5%. M.Sc. Nursing I and II year students got 100%. Among 31 faculties, we have 8 of them with doctoral degrees in Nursing and 5 are pursuing Ph.D.

Educational Courses

- B.Sc. Nursing - Four years programme with an annual intake of 94 students.
- M.Sc. Nursing - Two years programme in five specialties namely medical surgical nursing, paediatric nursing, obstetrics & gynaecological nursing, community health nursing and psychiatric nursing with an annual intake of 31 students.
- One year post basic diploma in Nursing in three specialties namely critical care, cardio thoracic & operation room nursing with an annual intake of 19 students.
- Ph.D. in Nursing course – Currently, one full time scholar doing Ph.D. and seven part time Ph.D. scholars are doing under the guidance of four Nursing faculty.

Departmental Activities for the Year

Organised conference/ CME/ workshop

- World health day 2024 was observed on the theme 'My health My right' on 6th Apr'24. Dr. Hemavathi Balachandar, Ag. Director was the chief guest of the programme and Dr. Vikram Kate, Dean (Academic) felicitate the programme by delivering speech of medical professional role in health and the patient's right to obtain health. Then, the dignitaries distributed the prizes to the winners of poster and quiz competition.
- International Nurses day 2024 on the theme "Our Nurses our future: The economic power of care" was celebrated on 11th May'24 by paying homage to Florence Nightingale. Panel discussion on the theme was conducted by the M.Sc. Nursing students
- The 6th institutional ethics committee meeting for nursing courses (Human studies) for UG group projects was conducted on 8th Jul'24.
- Workshop on Research protocol writing for submitting Nursing Research Monitoring Committee (NRMC) has been conducted for B.Sc. Nursing III

year students on 23rd July 2024 and M.Sc. Nursing I year 2024 batch on 7th Jan'25.

- Clinical key training for nursing students was conducted on 24th Jul'24 by Elsevier Customer service Manager.
- Pre-NRMC protocol discussion for B.Sc. Nursing III year students was conducted on 5th Aug'24 and M.Sc. Nursing I year 2024 batch on 27th & 28th Jan'25.
- The 10th & 11th NRMC was conducted for B.Sc. Nursing III year students on 30th Aug'24 and for M.Sc. Nursing I year 2024 batch on 6th & 7th Mar'25. Nine group UG projects proposals and 31 PG dissertations were approved and submitted for IEC for ethical clearance.
- Farewell programme for M.Sc. Nursing II year (2022 batch) students was conducted on 21st Aug'24.
- Teacher's day was celebrated on 5th Sep'24 organized by M.Sc. Nursing students.
- The 5th doctoral committee meeting and synopsis presentation for Mrs. Vembu. K, Part time Ph.D. (Internal) scholar was conducted on 18th Nov'24.
- Anti-ragging awareness programme to all the nursing students has been conducted on 21st Nov'2024 before commencement of B.Sc. Nursing I year.
- An orientation programme for the B.Sc. Nursing I year 2024 batch students was conducted on 25th Nov'24 by College of Nursing.
- Fresher's day for B.Sc. and M.Sc. Nursing I year 2024 batch was organized by college of Nursing, JIPMER on 23rd Jan'25.
- The 19th Lamp lighting ceremony was conducted on 25th Mar'25 for B.Sc. Nursing I year 2024 batch. Dr. Vikram Kate, Dean (Academic), JIPMER was the Guest of Honour and Dr. Kamlesh Kumari Sharma, Professor cum Principal, Institute of Nursing Education and Research (INER), All India Institute of Medical Sciences (AIIMS), Bathinda was the Chief Guest of the programme.

Local workshop / CME

- Organized pre conference on HPB Nursing in collaboration with Indian Chapter of International Hepato Pancreato Biliary association (HPBA INDIA) as a Co-Organizing Chairperson held on 4th Apr'24.

Faculty conference participation :

Delivered oration/ lecture in a CME/ symposium/ workshop

Dr. M.J. Kumari lectured as resource person on "Pursuing higher studies in India-What and how?" on 17th Jun'24 at Vinayaka Mission's college of Nursing, AVMC&H, Puducherry, on 'Role of Institute Human Ethical Committee in Nursing Research' in the Professional Development Programme for the faculties on 28th Oct'24 by Indirani college of Nursing, Puducherry, presented the paper in 28th Annual conference of Nurse Researchers Society for Innovations (NRSI) on the theme "Transforming health care: Expanding the Research horizon in Nursing" organized by College of Nursing, CMC, Vellore from 27th to 29th Nov'24, lectured on "Admission and discharge/ referral/ death of victim of violence – Responsibility of Nurse as a witness" at Sabari college of Nursing on 24th Jan'25, presented paper title on "Compare the first attempt success rate of light emitting diode vein finder assisted intravenous cannulation versus standard technique among patients in tertiary care hospital: Randomized controlled trial" in 52nd IAPSMCON2025, Srinagar, Jammu & Kashmir from 10th to 13th Apr'25.

Dr. Lakshmi Ramamoorthy lectured as a resource person on postoperative management in liver transplant patients in a pre-conference workshop on Hepatobiliary Nursing part of the 20th National Conference of International Hepatobiliary Pancreatic Conference on 4th Apr'24, organized by the Department of Gastroenterology, JIPMER, Puducherry, lectured on Hand over process: Effective communication on Information Transfer at the national conference on CODE SAVERS, on 20th Apr'24, organized by the Department of Emergency Services, Indira Gandhi Medical College, Puducherry, lectured on Trauma Nursing Research and Evidence-Based Practice in the National Level Conference on Emergency and Trauma Nursing on 17th & 18th Oct'24 organized by the Department of Nursing Services, JIPMER, Puducherry, lectured on Qualitative Research Designs in a National Research summit on 12th Dec'24 organised by KMCH College of Nursing, Coimbatore.

Dr. Padmavathi Nagarajan presented the study on "Profile of Substance Use and its Association with Socio-Demographic Characteristics among Undergraduates" at CIPCON, Ayodhya, which was held on 30 & 31st August and 1st Sep'24, delivered the talk on "Stress at Workplace" at MINDHEALCON 2024 (State-level seminar) at MTPG&RIHS Pondicherry on 10th Oct'24, and presented the study on "Psychiatric comorbidities, coping strategies, and perceived social support among patients waiting for renal transplantation: A cross-sectional study" at the 76th Annual National Conference of the Indian Psychiatry Society (ANCIPS), Hyderabad, which was held from 22nd to 25th Jan'25.

Dr. Vetriselvi.P delivered lecture on Lactation -closing the gap-breastfeeding support as a Resource person in the national conference on 7th Aug'24 at Mother Theresa Post graduate and research institute of health sciences Puducherry.

Dr. Janarthanan. B lectured on "How to overcome the problems of publications in indexed journals and effective drafting of a research proposal" in the International Webinar organized by Vinayaka Missions Annapoorna College of Nursing, Salem on March 28th 2025.

Mrs. Huldah. J delivered lecture as a Resource person in state Conference on Patient safety and care Quality-key to Nursing excellence on 20th Nov'24 & 23rd Jan'25.

Mrs. Jayasri. V presented paper on Contraceptive Jewellery in National conference on Leading Nursing through innovation on 30th Apr'24 at Saveetha College of Nursing, Chennai, Guest Lecture on Nursing Career Opportunities-Global perspectives in Alumni Meet organised Alumni Association of KGNC, SBV, Puducherrry and Guest Lecture on Management of Mental Health Issues in Pregnancy and Puerperium on 26th Feb'25 in scientific Academic Forum, Kasturba Gandhi Nursing College, Puducherry.

Involvement of students in health camps/ public health awareness/ education programme

- The students were made short film on elderly abuse, alcoholism & its effects, healthy life style modifications, health for all as a part of world health day observation 2024.
- B.Sc. Nursing I year students participated in the workshop on Know your rhythm and National seminar on harmonious healing: Integrating music and yoga therapy for wellbeing was organized by the ACYTER, JIPMER in view of 10th International yoga day on 21st Jun'24.
- E-pledge against drug abuse was taken by the faculty and nursing students on 24th Jun'24.
- Role play was conducted by B.Sc. Nursing IV year students in the World population day organized by the department of Obstetrics & Gynaecology, JIPMER on 23rd Jul'24.
- Old age home visit was done by B.Sc. Nursing III year students on 24th & 25th Jul'24. Students distributed biscuits, interacted, entertained and conducted games among the old age people.
- B.Sc. Nursing III year students were participated in the Breast feeding rally on 1st Aug'24.
- Needle stick injury awareness program was conducted for nursing students by Dr.Anandhi A medical officer HIV clinic JIPMER on 2nd Sept'24.
- B.Sc. Nursing III year students went for field visit to Gothi industries and learnt about occupational health on 7th Aug'24.
- An awareness talk was given to the B.Sc. Nursing III year students in the Eye donation fortnight celebration on 9th Sep'24.
- World mental health day 2024 conducted by department of Psychiatric on 10th sept'24
- Nursing students were participated in the Interim cleanliness drive at Rock beach by JIPMER as part of Swatchta Hi Seva campaign on 29th Sep'24.
- Fire safety awareness drill was conducted by fire safety department on 24th Oct'24 for all faculty and staff of nursing college.
- An Integrity pledge towards Vigilance awareness week was taken by the faculty, staff members and students on 28th Oct'24.
- B.Sc. I year & M.Sc. II year Nursing students had actively participated in the Public awareness rally as a part of Jan Aushadhi Diwas on 7th Mar'25.
- M.Sc. Nephro Urology Nursing students were participated in World kidney day on 13th Mar'25.

Major events in Department:

Awards and Honours

- Mrs. S. Rani, Tutor & Ms. H.T. Lalthanthuami, Ph.D. Scholar won 1st & 2nd prize in the scientific paper presentation in National cardiac conference organized by SOCN & AIIMS Nagpur on 29th Sep'24 and also won 1st & 3rd prizes respectively in scientific poster presentation at NCETN 2024 organized by department of nursing services, JIPMER held on 18th Oct'24.
- Mrs. Yamuna.T.V., Tutor won 2nd prize in scientific oral research paper presentation organized and conducted by Nurse Researchers Society for Innovations in collaboration with College of Nursing, CMC, Vellore on 29th Nov'24 and 2nd prize in poster presentation at NCETN 2024 organized by department of nursing services, JIPMER held on 18th Oct'24.
- Mrs. Jayasri. V had received Prominent Alumni Award in SBV Annual Alumni Day by SBV Alumni Association, Puducherry held on 6th Sept'24.
- Ms. Kodapa Manasa, Ms. Tenzin Tseten (B.Sc. IV year) and Ms. Simbuja. G (B.Sc. I year) from Team A won the prizes in quiz competition on 21st Mar'24 and Ms. PK Devika, Ms. Kalaimathi. S, Ms. Krishna Rajendran from B.Sc. Nursing IV year won I, II and III prizes respectively in the poster competition held on 20th Mar'24 in World Health Day 2024 observation.
- Mr. Abubacku Siddiq, B.Sc. Nursing I year won 3rd prize in 400 m shotput, Diya Dinesh, Jesy K and Vinetha Madhu won 1st prize in theme dance and Ms. Kavya VS & Ms. Abhya Das won prize in non-

theme dance in Silhouettes 2024 held from 8th to 11th May'24 at AFMC, Pune.

- Mrs. Barsharani Behera, M.Sc. Nursing student won 2nd prize in scientific poster presentation in 4th South Asia LAMBCON 2024 held on 1st Oct'24.
- Ms. Malavika, B.Sc. Nursing II year won first prize and Ms. Keerthi Unni, B.Sc. Nursing III year won third prize in Marathon on the occasion of World Mental Health day 2024 held on 27th Oct'24.
- Ms. Karthika.B, B.Sc. Nursing IV year student got 1st rank in the JAM: Just A minute season 6 with procloned MCQs exam conducted by Dr. MGR educational and research institute faculty of Nursing on 29th Jun'24.
- Ms. Muthu Vasugi. A, M.Sc. Paediatric Nursing I year student won 1st prize in the Master mind quiz competition conducted by department of Biostatistics, JIPMER on the National statistics day 2024 held on 4th Jul'24.
- Ms. Ripti Santra won 1st prize in the poster competition, Ms. Sridevi & Ms. Vasugi GG won 1st prize in the quiz competition and Mr. Mohammed TA won 2nd prize on the theme Organ donation Angdaan Jan Jagrukta Abhiyaan on 29th Jul'24 organized by National Organ & Tissue Transplant (NOTTO) Puducherry along with JIPMER deceased Donor Transplantation Committee (JDDTCD) in collaboration with SOTTO, Puducherry.
- Ms. Anjali J, Sridevi K, Parziya PP won the prizes in the Breast feeding week poster competition on the theme "Closing the gap: Breastfeeding support for all" on 6th Aug'24.
- Ms. Vasugi, Ms. Jenifer, Mr. Prasanna, Ms. Devadharshini, Ms. Varshini, Ms. Ambigai, Ms. Aleena, Ms. Alno, Ms. Prerona, B.Sc. Nursing II year students won 1st prize in the group singing in SNA Confest on 23rd & 24th August 2024 at CMC, Vellore. Ms. Shafena Ashima S, B.Sc. Nursing IV year won 2nd place in research paper presentation, Ms. Malavika MS, B.Sc. Nursing II year won 2nd place in the Zoom- Athletics and Ms. Nayeema Afrin, B.Sc. Nursing IV year, Ms. Fathimath Fahmeedha, B.Sc. Nursing III year & Ms. Abhinav PA, B.Sc. Nursing II year won 3rd place in Quiz competition.
- Ms. Ambigai. M, Ms. Vasugi.G.G, Ms. Monisha.G, Ms. Sridevi.N in B.Sc. Nursing III year won first prize, Ms. Krishnapriya, Ms. Moumita & Ms. Chumdeno, M.Sc. Nursing II year students won 2nd prize in NCETN 2024 trauma quiz competition organized by department of nursing service, JIPMER held on 16th Oct'24.
- B.Sc. Nursing II year 2023 batch students got second prize in theme dance competition on 11th Jan'25 organized by IIT, Madras Saarang 2025 cultural fest.
- Ms. Ayshathul Amana, B.Sc. Nursing III year student had presented a poster on the GJ straus project on research day on 7th Feb'25.
- M.Sc. Nursing I year students organized a workshop on Immunization on 10th Feb'25.
- Ms. Praveena, M.Sc. Nursing II year student had presented a poster on research day, JIPMER on 14th Feb'25.
- Ms. Sangamithrai. S, B.Sc. (N) II year, Ms. Revatheswari, B.Sc. (N) III year and Ms. Elamathy. K, B.Sc. (N) II year won 1st, 2nd & 3rd prizes in poster competition on WHO day theme on 21st Feb'2025. Totally 27 students were participated and three students were selected as winners. Ms. Harshavardhini, B.Sc. (N) III year, Mr. Nivas, B.Sc. (N) II year and Ms. Dharshini, B.Sc. (N) II year won 1st prize in quiz competition held on 25th Feb'25.
- Ms. Senjuti Sankar, M.Sc. (N) I year, Ms. Mansi Kumar, B.Sc. (N) III year won 1st prize, Ms. Susmita Mondal, M.Sc. Nursing I year and Ms. Somdatta Das, B.Sc. (N) I year won 2nd & 3rd prizes respectively in a poster competition on Jan Aushadhi week had been conducted for the nursing students on 5th Mar'25.
- Five B.Sc. Nursing proposals were selected for the GJ STRAUS award 2025.

Administrative Assignments

Dr. M. J. Kumari

- Member Secretary in Board of Studies (BOS) for Nursing courses, Nursing Research Monitoring Committee (NRMC).
- Member in doctoral committee as Ph.D. Nursing Nominee, Intramural research fund committee, JIPMER Research Advisory committee (JRAC), Academic Advisory Committee, Fire Safety Preparedness Committee, Library Committee and Anti-ragging monitoring committee for nursing college, JIPMER.
- Nodal officer in Right to information act in college of Nursing, JIPMER.
- Chairperson of Institute ethical Committee in Indirani College of Nursing, Sri Venkateswara Medical college, Ariyur, Puducherry.
- Expert member of the Academic Audit Committee at Vinayaka mission's research foundation, Puducherry.

Mr. R. S. Ramesh

- Member in Nursing Research Monitoring Committee (NRMC).

Dr. Lakshmi Ramamoorthy

- Member of Undergraduate Research Monitoring Committee, JIPMER

- Member of PhD Research Monitoring Committee, JIPMER
- Member of Institute Ethics Committee(Nursing), JIPMER
- Nodal Officer for Website Review Committee, JIPMER

Dr. Padmavathi Nagarajan

- Member and alternate member secretary in Institutional Ethics committee for Nursing courses (human studies) at JIPMER

Dr. P. Vetriselvi

- Member Secretary in Institutional Ethics Committee (Human studies) for Nursing courses, JIPMER

Mrs. Vembu. K

- Member, Committee for Revision of Telephone Directory and Hospital Guide.

Mrs. Huldah. J

- As a Master Trainer of Dakshata, trained 60 Nurses from WCH, JIPMER on Dakshata Training (RMC-LaQshya) on 20th Nov'24 & 23rd Jan'25.

New Services/Augmentation of Existing Services



Inauguration of Biodegradable waste management unit



Inauguration of Neurosurgery Microvascular skills unit


CURIE HOUSE-I
CURIE HOUSE-II

Department of Anaesthesiology

Research and Publications

Research Completed

1. **A comparative study of quality of life using eq-5d-3l questionnaire between patients undergoing lung resection with one lung ventilation under isoflurane or propofol anaesthesia – a randomized controlled trial**: Conclusion: The choice of anesthetic agent namely, isoflurane or propofol during maintenance of general anesthesia in people undergoing lung resection surgery under OLV did not have any difference in postoperative QoL as per preliminary result. Additionally, duration of hospital stay, need for mechanical ventilation, and the composite of neurological, cardiovascular, Pulmonary, and renal complications were similar in both groups.
2. **Effect of prophylactic intravenous calcium gluconate on uterine atony during intrapartum caesarean delivery with spinal anaesthesia: a placebo controlled, randomized clinical trial:** It has been concluded that intravenous calcium gluconate (1g) did not improve uterine tone, evaluated by obstetricians with a numeric rating score, during intrapartum caesarean delivery with spinal anaesthesia, though it significantly reduced additional uterotonics administrations.
3. **Effect of preoperative oral iron supplementation on postoperative outcomes in children with acyanotic congenital heart disease undergoing cardiac surgery: A pragmatic randomized clinical trial**
4. **Comparison of tracheal intubation using channeled and non-channeled blades of king vision laryngoscopes with manual inline stabilization -a Randomized clinical trial:** We concluded that, even though the glottic visualization time was faster with the non-channeled blade, the overall intubation time was shorter with the channeled blade in patients with cervical spine immobilization using MILS. Both groups had good glottic visualization and a high first-attempt success rate, with no significant hemodynamic response to intubation.
5. **Comparison of in-plane approach with anterior out-of-plane approach in ultrasound guided supraclavicular subclavian vein cannulation: A randomized control trial:** The first-pass success rate was significantly higher using the anterior out-of-plane approach (95.2%) than the standard in-plane approach (76.8%) for ultrasound-guided supraclavicular subclavian vein cannulation among the cases successfully cannulated. Overall successful cannulation was also significantly better in the anterior out-of-plane approach (98.43%) compared to the in-plane approach (90.32%), when we consider cases where we have attempted the procedure (126 cases). The time required for cannulation in cases that were successfully cannulated, including both the time taken for vein puncture (9.4 vs. 17.8 seconds) and the time for successful cannulation (148 vs. 185 seconds), was significantly shorter using the anterior out-of-plane approach than the standard in-plane approach. Complication rates were higher with the standard in-plane approach with 5 arterial punctures compared to 1 in the out-of-plane group.
6. **Comparison of the efficacy of "Eleveld+Opioid" and "Schnider" target-controlled infusion (TCI) models in patients undergoing craniotomy for brain tumors: a randomized controlled trial:** Based on the findings of our study, we conclude that the Eleveld+Opioid model on HP TCI pump is as good as the Schnider TCI model based on the comparable requirement of propofol while maintaining hemodynamics and depth of anesthesia (BIS). The loading dose was lower with faster loss of responsiveness (assessed by loss of verbal response and loss of eyelash reflex), though the time required to reach the target effect site concentration was not significantly different. Time required to reach the BIS value of 50 was also lesser in the Eleveld+Opioid Group as compared to the Schnider Group. Brain Relaxation at dural opening was also comparatively better with Eleveld+Opioid and requirement of phenylephrine for hypotension was also lower than the Schnider group. The differences between the groups are not clinically significant.
7. **Prediction of difficult laryngoscopy by ultrasound quantification of anterior neck soft tissue and pretracheal tissue: An observational analytical study:** Age, limited neck extension and neck mobility, reduced TMD and higher STOP-BANG scores were significant predictors of difficult laryngoscopy. However, ultrasound-based airway assessments did

not demonstrate statistical significance in predicting difficult laryngoscopy.

8. **Assessment of first pass success rate in ultrasound guided spinal anaesthesia with and without phantom-based training - a randomized controlled trial:** In conclusion, this randomized controlled trial shows that phantom-based training did not significantly improve the first-pass success rates of ultrasound-guided spinal anaesthesia. Also, phantom-based training did not significantly decrease the number of attempts required for successful performance of the procedure. Further research involving residents from multiple institutions and larger sample sizes is required to substantiate the benefits of phantom-based training in ultrasound-guided spinal anaesthesia.
9. **Comparing The Effects Of Modified Rapid Sequence Induction (RSI) And Standard Induction On The Incidence Of Postoperative Nausea And Vomiting (PONV) In Moderate To High Risk Patients Undergoing Elective Gynaecologic Laparoscopic Surgery - A Randomised Clinical Trial:** Its concluded that incidence of Post-Operative Nausea and Vomiting (PONV) in high risk patients undergoing laparoscopic surgery under general anaesthesia can be significantly reduced by using RSI for induction and avoiding face mask ventilation. Severity of PONV and requirement of anti-emetics was also significantly less in those who did experience PONV in Group RSI.
10. **Assessment of residual gastric volume and contents using point-of-care ultrasound in adult patients posted for emergency surgery under general anesthesia – A cross-sectional analytical study:** This tailored approach can optimize airway management strategies, reduce the likelihood of aspiration-related complications, and enhance overall perioperative safety in emergency surgical patients. Therefore, we recommend the routine preoperative screening of patients posted for emergency surgery for pulmonary aspiration via gastric POCUS wherever feasible.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Vasudevan A	1,90,772	2024-2026	IMRF
Dr Satyen Parida	19,59,069	2023-2026	ICMR
Dr Satyaprakash MVS	1,64,149	2024-2027	IMRF
Dr Prasanna Bidkar	6,14,699	2022-2024	ICMR
Dr Adinarayanan S	0.34 Lakh/ case	2024-2026	CIHR Canada
Dr Adinarayanan S	0.28 Lakh/ case	2024-2026	CIHR Canada
Dr Anusha Cherian	1,50,000	2023-2025	IMRF
Dr P Sakthirajan	35,000	2024-2026	IMRF
Dr Stalin V	1,50,280	2024-2026	IMRF
Dr Srinivasan S	1,10,000	2024-2026	IMRF
Dr Priya Rudingwa	1,54,500	2022-2025	IMRF
Dr Priya Rudingwa	1,32,005	2023-2026	IMRF
Dr Chitra Rajeswari T	1,95,265	2023-2026	IMRF
Dr Ajay Kumar Jha	1,53,750	2023-2026	IMRF
Dr Ajay Kumar Jha	44,00,000	2023-2026	DHR-ICMR
Dr Gnanasekaran S	2,00,000	2023-2026	IMRF
Dr Gnanasekaran S	89,600	2024-2026	IMRF
Dr Senthilnathan M	2,00,000	2024-2026	IMRF
Dr Aswini Kuberan	1,05,750	2024-2026	IMRF
Dr Mekala Ranjith Kumar	1,95,000	2023-2025	IMRF
Dr Mekala Ranjith Kumar	1,97,000	2024-2026	IMRF

Publications--Indexed Journals

1. Shreya A, Rath DP, Parida S, Munuswamy H, Prasad S, Padmanabhan R. Evaluation of Postoperative Pain After Cardiothoracic Surgery in Patients With and Without Significant Preoperative Anxiety: A Prospective Observational Study. Ann Card Anaesth. 2024 Apr 1;27(2):121-127. doi:10.4103/aca.aca_175_23.
2. Tenzing E, Arulprakasam S, Sanapala V, Parida S. Anesthetic management of a parturient with oculo-dento-digital (ODD) syndrome for emergency caesarean section. J Anaesthesiol Clin Pharmacol. 2024 Oct-Dec;40(4):713-714. doi:10.4103/joacp.joacp_178_23.
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4. Raguramane S, Mishra SK, Jha N, Parida S, Jha AK. Effect of phenylephrine infusion on postpartum blood loss after cesarean delivery: a placebo-controlled, randomized clinical trial. Am J Obstet Gynecol MFM. 2025 Feb;7(2):101593.doi: 10.1016/j.ajogmf.2024.101593.
5. Juneja D, Nasa P., Chanchalani G, Cherian A, Jagiasi B., Javeri Y, Myatra SN et al. The Indian Society of Critical Care Medicine Position Statement on the Management of Sepsis in Resource-limited Settings. Indian Journal of Critical Care Medicine. 10.5005/jp-journals-10071-24682.
6. Elangobaalan, Surentharraj & Govindaraj, Kirthiha & Cherian, Anusha & Rengarajan, Manasa. (2025). Mind the gap: Unusual cause of intraoperative metabolic acidosis. Journal of Anaesthesiology Clinical Pharmacology. 10.4103/joacp.joacp_347_24.
7. Arulkumaran R, Cherian A, Kuberan A, Bidkar PU. Comparison of adequacy of anaesthesia (AoA) monitors with CONOX monitor regarding sevoflurane consumption during routine general anaesthesia: A randomised clinical trial. Indian J Anaesth 2024; 68:996-1002
8. Arivazhakan SS, Balachander H, Panneerselvam S, Govindaraj K, Rudingwa P. Comparison of oxygen supplementation by nasal cannula with suction versus air insufflation without suction under drapes during monitored anesthesia care in adult cataract surgery-A randomized non-inferiority trial. Saudi J Anaesth. 2025;19(1):1-7.
9. Kannamani B, Panneerselvam S, Rudingwa P, Badhe AS, Govindaraj K, Ramamoorthy SV. Comparison of ultrasonographic measurement of gastric antral volume and pH with or without pharmacological acid aspiration prophylaxis in low-risk surgical patients - A randomized clinical trial. J Anaesthesiol Clin Pharmacol. 2024;40(2):299-304.
10. Belli Y, Arunachalam S, Dhatchinamoorthi S, Panneerselvam S. Awake Seldinger technique-based tracheal intubation in near-total laryngeal obstruction. Indian J Anaesth. 2024 ;68(10):926-927.
11. Kavyashree MB, Kundra P, Vinayagam S. Efficacy of endotracheal tube cuff lignocaine in the prevention of postextubation cough in children undergoing elective surgeries – A randomised controlled trial. Indian J Anaesth 2024;68:486-91.
12. Kamaladevi RK, Mishra SK, Rudingwa P, Mohapatra DP, Badhe AS, Senthilnathan M. Comparison of preformed microcuff and preformed uncuffed endotracheal tubes in pediatric cleft palate surgery—A randomized controlled trial. Pediatric Anesthesia. 2024 Apr;34(4):340-6.
13. Abirami TL, Rudingwa P, Jha AK, Kuberan A, Kubera NS, Ramachandran S, Ravichandrane B. Effect of prophylactic intravenous calcium gluconate on uterine atony during intrapartum cesarean delivery with spinal anesthesia: A placebo controlled, randomized clinical trial. International Journal of Obstetric Anesthesia. 2025 Jun 5:104704.
14. Chilakapati S, Mishra SK, Rudingwa P, Senthilnathan M, Jha AK, Parida S. Ease of intubation using oral Microcuff RAE (Ring–Adair–Elwyn) tube with and without premounted Frova intubating introducer in children undergoing cleft lip and palate surgeries–A randomised controlled study. Indian Journal of Anaesthesia. 2025 May 1;69(5):458-64.
15. Senthilkumar M, Parida S, Rudingwa P, Selvaraj R. Comparison of Combined Pectoralis Plane Block and Intercostal Nerve Block with Local Infiltration Analgesia in Patients Undergoing Cardiac Implantable Electronic Device Implantation–A Randomized Controlled Trial. Annals of Cardiac Anaesthesia. 2025 Apr 1;28(2):170-5.
16. Venkatesh V, Srinivasan G, Bidkar PU, Rudingwa P. Comparison of a Besdata Video Laryngoscope With a Direct Laryngoscope in Neonates and Infants of 6 Months of Age—A Randomized Controlled Trial. Pediatric Anesthesia. 2025.
17. Elango Y, S A, Swaminathan S, Govindaraj K, Nema S, Kumar N. Comparison of the analgesic efficacy of intra-articular steroid injections and its combination with suprascapular nerve block for adhesive capsulitis of the shoulder joint: a randomized clinical trial. Reg Anesth Pain Med.

2024 Dec 20:rapm-2024-105902. doi: 10.1136/rapm-2024-105902.

18. Sakkanan NV, Swaminathan S, Bidkar PU, Vairappan B, Sathiaprabhu A, Dey A. Comparison of the efficacy of 0.9% normal saline with balanced crystalloid (Plasmalyte) in maintaining the metabolic profile in head injury patients undergoing evacuation of acute subdural haematoma – A randomised controlled trial. Indian J Anaesth 2024;68:553–9
19. Borges FK,Guerra-Farfan,Ernesto, et al. Myocardial Injury in Patients with Hip Fracture: A HIP ATTACK Randomized Trial Substudy. The Journal of Bone and Joint Surgery 106(24):p 2303-2312, December 18, 2024. | DOI: 10.2106/JBJS.23.01459
20. Guerra-Farfan E, Borges FK, Bhandari M et al. Mortality, perioperative complications and surgical timelines in hip fracture patients: Comparison of the Spanish with the non-Spanish Cohort of the HIP ATTACK-1 trial. Injury. 2024;55(11):111827.
21. Ravi R, Thangaswamy CR, Ramadurai R, Balachander H. Rapid sequence labor analgesia for Eisenmenger complex. J Anaesthesiol Clin Pharmacol. 2024 Jul- Sep;40(3):541-542.
22. Venkatesh Thiruvengadam V, Thangaswamy CR, Elangobaalan S, Jha AK. A Case of Mitral Stenosis with Bronchiectasis: Which Surgery First - Thoracic or Cardiac. Ann Card Anaesth. 2024 Jul 1;27(3):284-286.
23. Deepak Chakravarthy CD, Thangaswamy CR, Balachander H. Perioperative Management of an Obstetric Patient with Eisenmenger Syndrome and Pre- Eclampsia Using Milrinone. Ann Card Anaesth. 2024 Jul 1;27(3):277-279.
24. Periyasamy SK, Thangaswamy CR, Parida S, Kundra P. Comparison of the scan-as-you-go technique with the short-axis out-of-plane technique on the incidence of posterior venous wall puncture in ultrasound-guided internal jugular vein cannulation - A randomised controlled trial. Indian J Anaesth. 2024 Apr;68(4):387-390.
25. Dhanyee AS, Parida S, Thangaswamy CR, Jha AK, Rajappa M, Munuswamy H, Mishra SK. Relationship between difference of preoperative and cardiopulmonary bypass mean arterial pressure, and acute kidney injury in cardiac surgical patients undergoing valve surgery. Perfusion. 2025 Jan;40(1):164-173. doi:10.1177/02676591231226161
26. Mohan V, Rudingwa P, Panneerselvam S, Kuberan A, Srinivasan G, Arulprakasam S. Comparison of incidence of sore throat with laryngeal mask airway Protector and laryngeal mask airway ProSeal: A randomised clinical trial. Indian J Anaesth. 2024 Jul;68(7):637-643
27. Jha AK. Letter by Jha Regarding Article, PAP/CO Slope and Oxygen Uptake Add Prognostic Value in Aortic Stenosis. Circulation. 2024 Oct 15;150(16): e276-e277. doi: 10.1161/CIRCULATIONAHA.124.070147.
28. Jha AK. Heart rate control in septic shock with tachycardia. Intensive Care Med. 2024 Oct doi: 10.1007/s00134-024-07691-2. Epub ahead of print.
29. Jha AK. Letter by Jha Regarding Article, Pathophysiologic Vasodilation in Cardiogenic Shock and Its Impact on Mortality. Circ Heart Fail. 2025 Feb;18(2):e012511. doi: 10.1161/CIRCHEARTFAILURE.124.012511. Epub 2025 Jan 20.
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32. Kumar SM, Anandhi A, Sureshkumar S, Keerthi AR, Raja K, Jha AK, Bobby Z, Kate V. Effect of preoperative oral carbohydrate loading on postoperative insulin resistance, patient-perceived well-being, and surgical outcomes in elective colorectal surgery: a randomized controlled trial. J Gastrointest Surg. 2024 Oct;28(10):1654-1660. doi:10.1016/j.gassur.2024.07.027.
33. Jha AK, Palanisamy S, Dhanyee AS. An unexpected life-threatening persistent oxygen desaturation in a child after extubation. J Perioper Pract. 2024 Nov;34(11):336-338. doi: 10.1177/17504589241255030.
34. Jha AK. Letter by Jha Regarding Article, Early Left Ventricular Unloading or Conventional Approach After Venoarterial Extracorporeal Membrane Oxygenation: The EARLY-UNLOAD Randomized Clinical Trial. Circulation. 2024 Jun 18;149(25):e1415-e1416. doi:10.1161/CIRCULATIONAHA.123.068105
35. Madhangopal KK, Jha AK, Mishra SK, Lata S, Padala SRAN. Effect of increased systemic oxygen delivery on postoperative outcomes and quality of life in elderly undergoing major abdominal surgery: A randomised controlled trial. J Perioper Pract. 2024 Nov 1:17504589241287661. doi:10.1177/17504589241287661.

36. Jha AK. Role of High Positive End-Expiratory Pressure in Patients with ARDS Exhibiting Intense Inspiratory Effort. Chest. 2025 Jan;167(1):e25. doi:10.1016/j.chest.2024.06.3842. PMID: 39794084.
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38. Narayanan V, Lata S, Jha AK, Bharadwaj B. Presurgical depressive symptom and anaesthetic requirements in patients undergoing surgery for malignant and non-malignant conditions: A prospective observational cohort study. J Perioper Pract. 2025 Jan-Feb;35(1-2):30-39. doi: 10.1177/17504589231224558.
39. Jha AK, Gundagurti B, Jha N. Anesthetic Management and Outcomes of Pregnant Women With Ebstein Anomaly: Prospective Report. AANA J. 2025 Feb 1;93(1):39-43. doi: 10.70278/AANAJ/.0000001005.
40. Jha AK, Jha N. Intra-amniotic infection and fetal cardiac remodeling. Am J Obstet Gynecol. 2025 Jan;232(1):e14-e15. doi: 10.1016/j.ajog.2024.08.015.
41. Elango Y, Natarajan R. Anaesthesia mumps – the unseen puffy problem: A case report. Journal of Perioperative Practice. 2025;0(0). doi:10.1177/17504589251343722
42. Murugesan AM, Nandagopan NM, Senthilnathan M, Kumar MR. Adrenaline bolus rescue for refractory carcinoid crises during surgical manipulation of metastatic neuroendocrine tumor of pancreas: A case report. Saudi J Anaesth. 2024;18(4):599–601.
43. Luitel B, Senthilnathan M, Cherian A, Suganya S, Adole PS. Prevalence of diastolic dysfunction in critically ill patients admitted to intensive care unit from a tertiary care hospital: A prospective observational study. Indian J Crit Care Med Peer-Rev Off Publ Indian Soc Crit Care Med. 2024;28(9):832.
44. Sekhar S, Kundra P, Mohan VK, Senthilnathan M, Ramesh A. Ultrasonographic evaluation of palatoglossal space to predict difficult mask ventilation–A prospective observational study. Indian J Anaesth. 2025;69(3):315–8.
45. Garg H, Narayanan M R. V, Khanna P, Yalla B. Comparison of Phenylephrine Bolus and Infusion Regimens on Maternal and Fetal Outcomes During Cesarean Delivery: A Systematic Review and Meta-Analysis. Anesthesia & Analgesia. 2024 Dec;139(6):1144.
46. Thakuria R, Ernest EE, Chowdhury AR, Pangasa N, Kayina CA, Bhattacharjee S, et al. Oxygenation Index and Oxygen Saturation Index for Predicting Postoperative Outcome in Patients Undergoing Emergency Surgery: A Prospective Cohort Study. Indian J Crit Care Med 2024;28(7):645–649.
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53. Arya A, Turki S, Loganathan S, Kajal K, Yaddanapudi LN, Saini V, Divyaveer S, Ram S, Bandyopadhyay A. Role of cardiac and lung ultrasonography in predicting weaning failure in patients of acute kidney injury requiring mechanical ventilation: a pilot study. Respir Med. 2025 Mar;238:107959. doi:10.1016/j.rmed.2025.107959.
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56. Chilakapati S, Rao JK, Paliwal B. Exploring the scope of inspiratory muscle training in difficult weaning: reflections on the multicentre RCT. J Intensive Care. 2025;13(1):13. Published 2025 Mar 10. doi:10.1186/s40560-024-00768-6.

Publications -- Non-indexed Journals

1. Kundra P, Raju PG, Vinayagam S, Kate V. Ultrasound-guided pectoral nerve block in combination with interpleural block for surgical anesthesia during breast cancer surgery: A prospective feasibility study. Int J Adv Med Health Res 2024;11:52-6.
2. Laxmi B, Gupta A, Punj J, Narayanan MV. Persistently low intraoperative bispectral index values in a case of insulinoma (multiple endocrine neoplasia-1 syndrome). The Indian Anaesthetists Forum. 2024 Dec;25(2):133.
3. Kuberan, Aswini; Radjane, Hemachandiran; Ravichandrane, Banupriya; Rudingwa, Priya. Oxytocin-Induced Myocardial Ischemia in a Parturient with Hypertrophic Obstructive Cardiomyopathy. Journal of Obstetric Anaesthesia and Critical Care 14(2):p 193-194, Jul–Dec 2024. | DOI: 10.4103/JOACC.JOACC_88_23
4. Ramachandran S, Velayudhan S. Technique of one-lung ventilation (lung isolation) in children. Pediatr Surg Trop 2025; 2(1): 68-73. https://doi.org/10.70947/pst.2025.10
5. Gunasekaran A, Govindaraj K, Soundrarajan S, Vijayan V. Congenital lobar emphysema masquerading as tracheobronchial foreign body: An anaesthesiologist's experience. Airway 2024;7:89 90.
6. Rajasekar, Shreevastchavan; Loganathan, Sekar. Medical Gas Cylinder Nomenclature in India – 'Breaking Dogma'. Airway 7(2):p 97-99, May–Aug 2024. | DOI: 10.4103/arwy.arwy_6_24
7. Loganathan, Sekar; Niyogi, Subhrashis Guha; Sarkar, Soumya. Unveiling the Challenge of Airway Management: Navigating an Epiglottic Cyst. Airway 7(3):p 130-131, Sep–Dec 2024. | DOI: 10.4103/arwy.arwy_28_24
8. Kandaswamy N, Balaji V, Subbiah A, Mani S, Mahalingam K, Ganesh R. Mucormycosis epidemic within the COVID-19 pandemic in India: An infodemiology study. Ocul Res J 2024;1(1): 4-8

Book Chapters/Conference Proceedings

1. Cherian A., Peter JV, Eddleston M, Organophosphate compounds and carbamates. In: JV Peter, Ashish Bhalla, Sheila Nainan Myatra, Bhattacharya, YP Singh editors. ISCCM Textbook of Toxicology: Treating the critically Ill poisoned patient. 1st ed: Jaypee publishers
2. Cherian A., Peter JV. Activated Charcoal. In: JV Peter, Ashish Bhalla, Sheila Nainan Myatra, Bhattacharya, YP Singh editors. ISCCM Textbook of Toxicology: Treating the critically Ill poisoned patient. 1st ed: Jaypee publishers
3. Kundra P, Vinayagam S. Pain Relief. Bailey & Love's Essential Operations in Hepatobiliary and Pancreatic Surgery (First edition, 2025) CRC press.
4. Vishnu Narayanan, M.R., Ramachandran, R., Rewari, V. (2024). Patient Controlled Analgesia. In: Gupta, N., Ubaradka, R.S., Gupta, A., Tripathy, D.K. (eds) Techniques in Anesthesia, Intensive Care and Emergency Medicine. Springer, Singapore. https://doi.org/10.1007/978-981-96-1202-4_31
5. Kandaswamy N, Rakupathy S. Acute coronary syndrome: Classification, Management and Complications. In: Siddiqui SS, Ghatak T, Nath SS, editors. Critical Care Perspectives: From Theory to Practice. 1st ed. New Delhi: Jaypee Brothers Medical Publishers; 2024.
6. Kandaswamy N, Bhattacharya S. Approach to Diarrhoea in the ICU. In: Siddiqui SS, Ghatak T, Nath SS, editors. Critical Care Perspectives: From Theory to Practice. 1st ed. New Delhi: Jaypee Brothers Medical Publishers; 2024.
7. Kandaswamy N, Bhuvana Krishna. Hyperferritinemic Sepsis: Diagnosis and Management. In: Kulkarni AP, Kalvit KR, editors. Recent Advances in Critical Care Medicine. New Delhi: Jaypee Brothers Medical Publishers; 2024.
8. Kandaswamy N, Natesh Prabu R. Vernakalant and Other Newer Antiarrhythmic Drugs. In: Kulkarni AP, Kalvit KR, editors. Recent Advances in Critical Care Medicine. New Delhi: Jaypee Brothers Medical Publishers; 2024.
9. Natesh Prabu R, Kandaswamy N. Pulse Wave Transit Time for Cardiac Output Measurement (Estimated Continuous Cardiac Output Device). In: Kulkarni AP, editor. Textbook of Hemodynamic Monitoring; Therapy in the Critically Ill. 2nd ed. New Delhi: Jaypee Brothers Medical Publishers; 2025.
10. Kandaswamy N. Echocardiography in Complications of Percutaneous Interventions. In: Khanna P, Mittal G, editors. Echocardiography Practical Pocket Guide for Intensivists and

Emergency Medicine Physicians. 1st ed. New Delhi: Jaypee Brothers Medical Publishers; 2025.

11. Seshan JR. Anticoagulants Antiplatelets and Antifibrinolytics. In: Prabhakar H, Singhal V, Zirpe KG, Sapra H, editors. Principles and Practice of Neurocritical Care [Internet]. Singapore: Springer Nature; 2024 [cited 2024 Jul 9]. p. 365–84. Available from: https://doi.org/10.1007/978-981-99-8059-8_26

Department of Anatomy

Research and Publications

Research Completed

1. Localization, Concentration and Comparison of Leptin Receptors in Foetal Small Intestine and Placenta – A Cross-Sectional Analytical Study.
2. Assessment of chromosomal abnormalities in couples with primary infertility in a tertiary care hospital - a hospital based cross-sectional study.
3. Micromorphological differences in strong versus weak previous caesarean scar in term pregnant women: a case-control study.
4. Assessment of the macroscopic and microscopic features of ligamentum mucosum of knee joint in Indian cadavers.
5. Comparing the effectiveness of Concept Mapping versus 'blank page technique' on consolidating the learning outcomes in embryology among first-year Undergraduate Medical Students: A pilot study
6. Validation of Low-Cost Simulation tool for Practical Training in Diagnostic Tracheo-Bronchoscopy for otolaryngology postgraduates.
7. Morphoanalysis of subvalvular apparatus in ventricles of the adult human heart in a tertiary care Hospital.

Grants obtained (intramural and extramural)

Name of faculty	Amount	Period of grant	Grant agency
Dr. Sarasu J.	2,00,00.00	2 years	JIPMER
Dr Sulochana Sakthivel	Rs. 1,21,130	2 years	JIPMER
Dr Dharmaraj Wamanrao Tamigre	Rs. 2,00,000	2 years	JIPMER
Dr Dharmaraj Wamanrao Tamigre	Rs. 2,00,000	2 years	JIPMER
Dr Dinesh Kumar V	Rs. 2,00,000	2 years	JIPMER
Dr Dinesh Kumar V	Rs. 1,12,000	2 years	JIPMER
Dr Dinesh Kumar V	Rs 2,00,000	2 years	JIPMER
Dr Yogesh Ashok Sontakke	Rs. 2,00,000	2years	JIPMER
Dr Vidya G	Rs.1,52,400	2 years	JIPMER
Dr Vidya G	Rs. 67,370	2 years	JIPMER

Publications

1. Yadav V, Raveendranath V, Ganesan P, et al. Immunophenotypic Characteristics and Cytogenetic Analysis of Adolescent and Young Adult B-Cell Acute Lymphoblastic Leukemia: Correlations With Clinicopathological Parameters. Cureus 16(9): e68735. DOI :10.7759/cureus.68735. (September 05, 2024).
2. Yadav, V.,Veeramani, R.,Kar, R. et al. A limited low-cost method to identify subgroup of B cell-Acute Lymphoblastic Lukemia (B-ALL) with overexpressed CRLF2, JAK2, ABL1 – results from a prospective study. Indian JHematol Blood Transfus (2025). https://doi.org/10.1007/s12288-025-01968-2
3. Suganya G,Krishnaraj A,Veeraman Raveendranath, Kumar D, Krishnan N.Morphometry of Superior Sagittal Sinus and Its Clinical Significance. Indian Journal of Neurosurgery. 2024; 13(03):218-226.
4. Raveendranath Veeramani, Kavitha Thangarasu, Grace Suganya, Nagarajan Krishnan. Magnetic resonance-based evaluation of ventricular indices in South Indian population and its clinical implications. European journal of anatomy. Volume: 29,Number:2 March2025.
5. Rajmohan L, Sakthivel S. Morphology of Perforated Cervicothoracic Ganglion in Indian Cadavers. NJCA 2024; 13(3):p 129-132.
6. Banu J, Dakshnamoorthy N, Sakthivel S. Concomitant circumaortic and retro-aortic left renal

veins associated with fenestrated renal artery. Anat Sci Int. 2025 Mar;100(2):243-246.

7. Banu J, Dhakshnamoorthy N, Sakthivel S. Unravelling the Anatomy of the Anterior Tarsal Tunnel and Its Clinical Implications. Cureus. 2024 16(7): e64282. DOI 10.7759/cureus.64282
8. Dhakshnamoorthy N, Sakthivel S. A Rare Combined Variation of the Fenestrated External Jugular Vein, Absent Retromandibular Vein, and Hypoplastic Internal Jugular Vein. National Journal of Clinical Anatomy. 2024 Apr 1;13(2):102-4.
9. Dhakshnamoorthy N, Sakthivel S. Morphometric and Histological Analysis of the Ligamentum Mucosum of the Knee Joint: A Descriptive Study. National Journal of Clinical Anatomy. 2024 Apr 1;13(2):91-6.
10. Sakthivel S, Dhakshnamoorthy N. Accessory Head of Sternocleidomastoid Muscle in Indian Cadavers: A Report of Three Cases. Cureus. 2024 Jun 30;16(6).
11. Sakthivel S, Banu J, Dhakshnamoorthy N. A Variant Dorsalis Pedis Artery and Its Relationship with the Deep Fibular Nerve. JCDR. 2024 May 1;18(5):AD01-AD03.
12. Banu J, Sakthivel S. Osteometric analysis of human adult dry tibia at a Medical College in South India: A cross-sectional study. MRIMS Journal of Health Sciences. 2024:10-4103.
13. Akhil J, Sontakke Y, Balaji G. Histological changes in the blood vessels of ruptured Human Anterior cruciate ligaments. Cureus 2024; 16(9): e68989. DOI 10.7759/cureus. 68989.
14. Sontakke YA, Chaudri VA,Gowda M. Fetal autopsy: Insight and Utility . Nat J Soc Med Anatomists 2024; 1(1): 11-13.
15. Sontakke YA, Dinesh kumar V. Time for self-upliftment – AI tools as a teaching- learning resource. Nat J SOC Med Anatomists 2024; 1(2):57-59.
16. Sujitha Nagarajan, Rajasekhar SSSN, Enhancing Anatomy comprehension through competency – specific formative assessments : A study on the effectiveness of pre and post lecture multiple – choice questions in CBME Ind Journal of Anatomy and surgery of Head and neck; 2024; 10(3) 65-70.
17. Rajasekhar SSSN, Kalaivani Kalia Murthy, Dinesh Kumar V, Sivadasan N, Critical appraisal of Genelyn soft embalming for cadaveric surgical skill training: A systematic review clinical Anatomy; 2025; 38(3) 278-95.
18. Ambiga R, Verma S, Morphology microstructure and biomechanical properties of tendinous cords of heart – Systetamatic review of Cadaveric study :2025; 19(1):30-4.
19. Dhivyasree R, Rajaram N, Banu J ,Verma S, Suma HY, A unilateral double fenestration of right external jugular vein – A rare variant. Surg Radio Anat. 2024; 46(1807- 1810)
20. Sankaran S, Raman A, Stephen BC, Verma S, Suma HY Trifurcation of left coronary artery with absent left circumflex artery and super dominant right coronary artery in the heart. Natl JSOC Med Anat: 2024; 1(2); 74-76.
21. Sharma U, Verma S Unusual variations in Gantzer muscle and neurovascular structures of foramen Ind J Clin Anat Pysiol. 2024: 11(2):109-111.
22. Sharma U, Verma S, Morphology and variations of middle cerebral artery. Anat cell biol. 2024; 57(4):481-97.
23. Rajaram N, SrinivasanS, VermaS Human navicular bone a morphometric and morphologic evaluation. Surg radiol Anat.2024; 46, 71-79.
24. Srinivasan J, Suma HY, Sontakke YA, Histogenesis of fetal small intestine – A cross sectional analytical study.Ind J Med Anat Clin Res.2025; Jan8(1) : 201-8.
25. Sakthivel S, Dhakshnamoorthy N, Hottioudar SY, Anatomical variations in the course of spinal accessory nerve in the neck triangles: A descriptive study. Morphologie;2024;100761.
26. Hottigoudar SY, Sakthivel S, Abbirami SR, Prevalance and morphometery of Os peroneum – A cadaveric study Natl J Soc Med Anat.2025:
27. Nikilesh S, Ambiga R, Stephen BC, Verma S Suma HY Trifurcation of left coronary artery with absent left circumflex artery and super dominant right coronary artery in the heart. Natl JSOC Med Anat: 2024; 1(2); 74-76.
28. Dhivyasree, R rajaram, Banu J et al.,A unilateral double fenestration of right external jugular vein – A rare variant. Surg Radio Anat. 2024; 46(1807-1810)
29. Rajasekhar SSSN, Kaliamurthy K, Dinesh kumar V, Sivadasan N, Critical appraisal of Geneyln soft embalming for cadaveric surgical skill training: A systematic review. Clincal Anat; 2025; 38(3):278-95.
30. Ragavalakshmi S, Murugan M, Ramakrishnan R, Kumar VD, Devi R Morphological Analysis of humeroulnar arcade and its practical implications: A cadaveric observational study. Ind Jour clincal Anat and physiol; 2024; 11(3):174-77.
31. Sontakke YA, Dinesh kumar V. Time for self-upliftment – AI tools as a teaching- learning resource. Nat J SOC Med Anatomists 2024; 1(2):57-59.

Books

- Dr. Raveendranath is the editor of the Third edition of Gray's Anatomy for students.;2024. Elsevier. ISBN:978-81-312-6748-6. editor of Inderbir Singh's Text Book of Embryology. 2024. Jaypee. **ISBN**:978-9356967489.
- Dr. Yogesh Ashok Sontakke published the Textbook of human Embryology with clinical cases and 3D illustrations, CBS publishers and distributors PVT.LTD, India. 3rd Edition.
- Dr. Dinesh kumar V is one of the editors in the "Effective Educational Practices in Health Profession Education Volume (A Collection of Educational Projects completed by NTTC Alumni from 2013 to 2023)", published by the Alumni Association of NTTC, JIPMER. one of the editors in the online project: Zayapragassarazan Z, Mohapatra DP, Sivaraman G, Abhishek B, Nanda N, Dinesh Kumar V. Effective Educational Practices in Health Profession Education Vol 2 (A Collection of Educational Projects completed by NTTC Alumni from 2013 to 2023). Online Submission. 2025.

Department of Biochemistry

Research and Publications

Research Completed

1. **Efficacy and Clinical Utility of Sodium Fluoride Tubes Versus Serum Tubes for Blood Glucose Estimation**. The study demonstrated that sodium fluoride tubes may offer better preservation of glucose levels, especially over extended periods implying that sodium fluoride tubes will help prevent under-diagnosis of diabetes mellitus.
2. **Vitamin D status and suicide: Are they related?** Our results suggested significant decrease in serotonin and vitamin D levels in suicide attempters than in controls, and their levels of inflammatory markers (hs-CRP, NLR, PLR, and RDW) were significantly higher. Stress score-PSS was significantly higher in cases as compared to controls. we observed serotonin, hs-CRP and BMI had significant association with the intensity of suicide and could independently predict the severity of ideation in suicide. Low levels of vitamin D and serotonin were associated with higher levels of inflammatory markers, which may increase stress and impulsive behaviour due to increased neuroinflammation and raise the risk of suicide.
3. **Genetic variation in the markers of neurotoxicity and inflammation in schizophrenia spectrum disorders in south Indian population.** Plasma Neurotrophin -3 (p = 0.0001), Neural cell adhesion molecule – 1(p = 0.011), Matrix metalloproteinase-9 (p = 0.024), interleukin-10 (p=0.0001), interleukin-17 (p=0.021) and interleukin-23 (p=0.0001) levels were significantly increased in schizophrenia cases compared to controls. Neurexin – 3 (p = 0.0001) and neurexin-1 (p = 0.0001) levels were significantly reduced in schizophrenia cases compared to controls. NT-3 was negatively correlated with Total PANSS (r = - 0.194, p=0.004). NCAM- 1 was positively correlated with total ACE -III score (r = -0.279; p= 0.0001). Interleukin-10 was negatively correlated with total PANSS score (r= - 0.234, p=0.001) and positively correlated with total ACE III score (r= 0.186, p=0.006). Single nucleotide polymorphism of NT-3 gene (rs 6489630), NCAM-1 gene (rs1836796), MMP-9 gene (rs17576), neurexin-3 gene (rs930752), interleukin-17 gene (rs 4819554) and interleukin-23 gene (rs7517847) increases the risk of schizophrenia.
4. **Diagnostic utility of serum mitsugumin-53 in patients with acute coronary syndrome – A cross-sectional pilot study**. In this study, we have found that serum MG-53 level may be considered as one of the diagnostic markers in ACS patients.
5. **Assessment of calcineurin, regulator of calcineurin1 and nitric oxide in patients with clinically significant coronary artery stenosis undergoing angiogram compared to healthy.** Elevated levels of RCAN1 can accelerate the process of atherosclerosis. RCAN1 is also associated with a downregulation of calcineurin, leading to a decrease in nitric oxide levels. This is reduction in nitric oxide can further contribute to the progression of stenosis, thereby aggravating the severity of coronary artery disease over time. Based on present findings, RCAN1 may serve as a potential screening biomarker for individuals who have clinically significant coronary artery stenosis.
6. **Assessment of (microRNAs (21 and 221) and their association with intestinal permeability and inflammatory markers in patients with hepatocellular carcinoma**.
7. **Effect of Nimbolide in preventing metastasis in hepatocellular carcinoma**
8. **Assessment of serum irisin and ICAM-1 in type 2 diabetes mellitus patients with and without retinopathy: A cross-sectional analytical study:**

aSerum Irisin and ICAM-1 increased in earlier stages of DR but decreased in later stages of DR. The cause for this observation is unclear. They are markedly decreased in the pre-proliferative and proliferative stages of DR, suggesting roles probably linked to leucocyte migration and angiogenic pathways. We infer that clinical management may have possibly contributed to these findings. Further experimental investigations may help delineate the mechanistic causes for our observations and functional role of irisin in DR.

Grants obtained (Intramural and Extramural)

Intramural Funding: April 2024 – March 2025

Name of the Faculty	Amount (Rs)	Period of grant	Grant Agency
Dr. Zachariah Bobby	Rs.50,000/-	2024-2026	JIPMER Intramural Grant
Dr. Zachariah Bobby	Rs. 6,00,000/-	2024-2026	JIPMER intramural fund – Faculty competitive project
Dr. Zachariah Bobby	Rs. 2,00,000/-	2024-2026	JIPMER Intramural Grant
Dr. Sharbari Basu	Rs. 50,000/-	November 2022 - April 2025	JIPMER
Dr. Sharbari Basu	Rs. 50,000/-	August 2023 -November 2025	JIPMER
Dr. Medha. R	2 lakhs	3 years	JIPMER Intramural Grant
Dr. Medha. R	0.5 lakhs	1 year	JIPMER Intramural Grant
Dr. Medha. R	7.5 lakhs	3 years	JIPMER Intramural Grant
Dr. Medha. R	7.5 lakhs	3 years	JIPMER Intramural Grant
Dr. Prashant S Adole	Rs.2,00,000/-	2024-2027	JIPMER
Dr. Prashant S Adole	Rs.50,000/-	2024-2026	JIPMER
Dr Nivedita Nanda	Rs 50,000/-	2024-2026	JIPMER
Dr. Balasubramaniyan V	Rs.2,00,000/-	2022- 2024	JIPMER
Dr. Balasubramaniyan V	Rs.2,00,000/-	2023- 2025	JIPMER
Dr. Balasubramaniyan V	Rs.50,000/-	2022-2025	JIPMER
Dr. G.P. Senthil Kumar	Rs.1,88,500/-	3 years (02/09/23 to 01/09/2026)	JIPMER
Dr. G.P. Senthil Kumar	Rs.50,000/-	3 years (13/12/23 to 12/12/26)	JIPMER
Dr. G.P. Senthil Kumar	Rs.2,00,000/-	3 years (16/2/24 to 15/2/27)	JIPMER

Extramural Funding: April 2024 – March 2025

Name of the Faculty	Amount (Rs)	Period of grant	Grant Agency
Dr. Medha. R	31.45 lakhs	3 years	ICMR Adhoc Research Grant
Dr. Nandeesha. H	Rs 27,79,839/-	Jan 2021- June 2025	ICMR
Dr. Prashant S Adole	ICMR Rs.30,36,8530 (III instalment)	2022- 2024	ICMR
Dr Nivedita Nanda	Rs 9,95,000/-	2023-2025	ICMR

Publications--Indexed Journals:

1. Priyadarshini G, Parameswaran S, Sahoo J, Selvarajan S, Ramesh A, *Rajappa M*. Matrix Gla Protein and Nitric Oxide Synthase-3 Genetic Variants in Chronic Kidney Disease and Their Relation with Cardiovascular Risk. Int J Nephrol. 2024 Aug 30; 2024:3850055. doi: 10.1155/2024/3850055. PMID: 39246453; PMCID: PMC11379508.
2. Lakshminarayanan S, Muthu Kumaran P, Jayaram S, Mathaiyan J, Rajappa M. Perceptions of members

of ethics committees of medical institutions in India on controlled human infection studies (CHIS) following a sensitization workshop: a systematic survey. Monash Bioeth Rev. 2025 Feb 13. doi: 10.1007/s40592-025-00231-8. Online ahead of print. PMID: 39946007

3. Priyadarshini G, Dhinesh A, Parameswaran S, Sahoo J, Selvarajan S, Rajappa M. Calcium-sensing receptor genetic variants and their association with CKD-MBD in South Indian Tamils. J Appl Genet. 2025 Mar 14. doi: 10.1007/s13353-025-00955-7. Online ahead of print. PMID: 40085338
4. Kumar A, Priyadarshini G, Parameswaran S, Ramesh A, *Rajappa M*. Evaluation of MicroRNA 145 and MicroRNA 155 as Markers of Cardiovascular Risk in Chronic Kidney Disease. Cureus. 2024 Aug 9;16(8) :e66494. doi: 10.7759/cureus.66494. PMID: 39246913; PMCID: PMC11380758.
5. Ramassamy S, Chandrashekar L, Mathaiyan J, Rajappa M, Devanathan R, Selvarathinam S, Goud AC. Clinical relevance of Thiopurine methyl transferase genotype testing for azathioprine in dermatology. Clin Exp Dermatol. 2025 Feb 7:llaf070. doi: 10.1093/ced/llaf070. Online ahead of print. PMID: 39920408
6. Lama MV, Deepthi B, Krishnasamy S, Ganesh RN, Srinivas BH, Rajappa M, Krishnamurthy S. Clinical characteristics, disease flares, infections and their impact on kidney outcomes in pediatric lupus nephritis: A cohort study. Pediatr Nephrol. 2025 Feb 1. doi: 10.1007/s00467-025-06666-9. Online ahead of print. PMID: 39891679
7. Goenka L, Dubashi B, Kayal S, Rajappa M, Manivannan P, Chakkalakkoombil SV, Gochhait D, Chaturvedula L, Pradeep S, Anandaradje A, Goud AC, Ganesan P. Targeting autophagy in platinum-sensitive relapsed ovarian cancer: randomized phase II trial of hydroxychloroquine with chemotherapy with biomarker correlation. Discov Oncol. 2025 Feb 19;16(1):203. doi: 10.1007/s12672-025-01904-w. PMID: 39969689
8. Goenka L, Rajappa M, Gochhait D, Manivannan P, Chaturvedula L, L C, Charanraj Goud A, Dubashi B, Kayal S, Ganesan P. Assessing Autophagy Activation in Advanced Ovarian Cancer Using Ascitic Fluid: A Feasibility Study. Cureus. 2025 Feb 20;17(2):e79371. doi: 10.7759/cureus.79371. eCollection 2025 Feb. PMID: 40125128
9. Dhanyee AS, Parida S, Thangaswamy CR, Jha AK, *Rajappa M*, Munuswamy H, Mishra SK. Relationship between difference of preoperative and cardiopulmonary bypass mean arterial pressure, and acute kidney injury in cardiac surgical patients undergoing valve surgery. Perfusion. 2025 Jan; 40(1):164-173. doi: 10.1177/02676591231226161. Epub 2024 Jan 5. PMID: 38182129.
10. Goud VK, Goud AC, Ramassamy S, Jayanthi M, *Medha R*, Chandrashekar L. Assessment of Erythrocytes Methotrexate Polyglutamate Three Levels in Psoriatic Patients Treated with Methotrexate Monotherapy and Their Association with Disease Response. Indian J Clin Biochem. 2025 Jan;40(1):89-96. doi: 10.1007/s12291-024-01269-x. Epub 2024 Sep 18. PMID: 39835229; PMCID: PMC11741962.
11. Goud VK, Goud AC, Ramassamy S, Jayanthi M, *Medha R*, Chandrashekar L. Whole blood global DNA methylation [5-methylcytosine (5-mC)] levels in psoriatic patients before and after methotrexate treatment. Gene Reports 2024; 37(12): 102083.
12. Sudhakar G, Nandeesha H, Menon V, Saravanan K. Neurexin-3 is Elevated and Associated with Cognition Status and 4-Hydroxynonenal in Bipolar Disorder. Ann Neurosci. 2025 (In press)
13. Monisha M, Keshri N, Nandeesha H, Menon V. Relationship of Neurotropin-3 Gene Polymorphism with Cognitive Impairment in Bipolar Disorder. Indian J Psychol Med. 2025 (In press)
14. Bora S, Adole PS, Vinod KV, Pillai AA, Ahmed S. GC-MS validation and analysis of targeted plasma metabolites related to carbonyl stress in type 2 diabetes mellitus patients with and without acute coronary syndrome. Biomed Chromatogr. 2024 Jul 5:e5952.
15. Bora S, Adole PS, Vinod KV, Pillai AA, Ahmed S. The Relationship Between GAPDH Gene Polymorphism and Risk of Acute Coronary Syndrome in South Indians with Type 2 Diabetes Mellitus. Biochem Genet. 2024 Jul 5.
16. Sau A, Nanda N, Sahoo JP, Velkumary S. Variation in cardiovascular marker profile in treated diabetes mellitus patients with different body composition. Journal of Family Medicine and Primary Care. 2025: (In Press).
17. Jim JS, Nanda N, Sahoo JP, Yerrabeli D. Reappraisal of cardiometabolic stress in type 2 diabetes patients receiving glimepiride versus insulin under bitherapy. Journal of Family Medicine and Primary Care. 2025: Accepted for publication
18. Mohammed FB, Jayashree K, Senthilkumar GP, Sreejith P (2024). Influence of serum chemerin levels and RARRES gene polymorphism rs17173608 on severity of nephropathy in type 2 diabetes mellitus. Indian Journal of Clinical Biochemistry. (In Press).

19. Harikaran S, Basu S, Mukherjee MP, Kar R, Nair S, Priyadarssini M. Vitamin B12 and homocysteine in patients with major depressive disorder. J Family Med Prim Care. 2024 , 13:2049-53.

20. Disha Daimane, Sharbari basu. Efficacy and Clinical Utility of Sodium Fluoride Tubes Versus. Cureus. 2024, 29,16(10).

Department of Biostatistics

Research and Publications

Research Completed

The topic of the thesis completed by two M.Sc. candidates are:

- Association of Prevalence of Undernourishment with Social, Economic, Environmental and Sanitary Factors - A Panel Data Modeling Approach for Cross-country Aggregate Longitudinal Data.
- Comparison of different data imputation methods for dealing with the missing data in clinical research.

Publications - Indexed Journal

Included in Pubmed

1. Chattopadhyay I, Ramamoorthy L, Kumari M, **Harichandrakumar KT**, Lalthanthuami HT, Subramaniyan R. Comparison of the Prognostic Accuracy of Full Outline of Unresponsiveness (FOUR) Score with Glasgow Coma Scale (GCS) Score among Patients with Traumatic Brain Injury in a Tertiary Care Center. Asian J Neurosurg. 2024 Apr 16;19(1):1-7. doi: 10.1055/s-0044-1779515. PMID: 38751395; PMCID: PMC11093641.

2. Harikaran S, Basu S, Mukherjee MP, Kar R, **Nair S**, Priyadarssini M. Vitamin B12 and homocysteine in patients with major depressive disorder. J Family Med Prim Care. 2024 May;13(5):2049-2053. doi: 10.4103/jfmpc.jfmpc_1460_23. Epub 2024 May 24. PMID: 38948631; PMCID: PMC11213426.

3. Akshatha CR, Halanaik D, Nachiappa Ganesh R, Kishore N, Ganesan P, Kayal S, **Kumar H,** Dubashi B. Assessment of novel prognostic biomarkers to predict pathological complete response in patients with non-metastatic triple-negative breast cancer using a window of opportunity design. Ther Adv Med Oncol. 2024 May 24;16:17588359241248329. doi: 10.1177/17588359241248329. PMID: 38800567; PMCID: PMC11127577.

4. Ruchi V, Nayanjeet C, Kalra P, **Nair NS**, Prabhakar B. Effects of almond consumption compared with the consumption of traditional isocaloric cereal/pulse-based snacks on glycaemic control and gut health in adults with pre-diabetes in rural India: protocol for a 16-week, parallel-arm, cluster randomised controlled trial. BMJ Open. 2024 Jul 2;14(7):e076934. doi: 10.1136/bmjopen-2023-076934. PMID: 38960469; PMCID: PMC11227759.

5. Rana RK, Jha RR, Sinha R, Kumar D, Jaiswal R, Patel U, **Prasad JB**, Kar SS, Goel S. Correlates of diabetes mellitus and hypertension in India: Change as evidenced from NFHS-4 and 5 during 2015–2021. Plos one. 2024 Jul 18;19(7):e0305223.

6. Kana S, Basu D, Kar R, Nachiappa Ganesh R, Dubashi B, **Kt H.** Morphology, Morphometry, and Immunohistochemical Profile of Megakaryocytes and Bone Marrow Microenvironment in Disease Progression and Therapy Resistance in Chronic Myeloid Leukemia. Cureus. 2024 Aug 25;16(8):e67772. doi: 10.7759/cureus.67772. PMID: 39328663; PMCID: PMC11424236.

7. Ramesh R, Aggarwal V, Choudhary A, Basu D, **Nair NS**, Ganesan P, Dubashi B, Govind R, Kayal S. Peripheral Blood Neutrophil Nadir and Time to Platelet Recovery during Induction Chemotherapy: Predictors of Clinical Outcomes and Markers for Optimizing Induction Treatment Intensity in Acute Lymphoblastic Leukemia. Asian Pac J Cancer Prev. 2024 Sep 1;25(9):3229-3237. doi: 10.31557/APJCP.2024.25.9.3229. PMID: 39342602; PMCID: PMC11700331.

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Department of Cardiology

Research and Publications

Research Completed

- **Acute Changes in Left Atrial Appendage Function with PVCs**- Simulated PVCs for 5 minutes produce an acute depression of left atrial appendage function as measured by LAA emptying velocity.
- **Pacing mode survival in patients with single chamber atrial pacemaker for SND**- In patients undergoing single chamber pacemaker implant for sinus node dysfunction, mode survival is high over medium term follow up.
- **Feasibility and Utility of Single Lead Electrocardiogram Recorded with a Handheld Device for Screening of Neonates**- A single lead, hand-held ECG recording device could be a feasible tool for ECG screening in neonates.
- **Retrospective analysis of outcomes of PDA stenting** "- A 5 year retrospective analysis of neonates/infants who underwent the procedure in JIPMER. 22 infants had undergone PDA stenting in this period, majority by femoral arterial access. Drug eluting stents were used in all except 1. TOF with pulmonary atresia was the most common indication. On telephonic interviews of parents, we found that among infants undergoing PDA stenting in early infancy, the actual numbers that undergo full surgical correction are dismally less in resource constrained settings.

Grants obtained

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Santhosh Satheesh	50 Lakh INR	2015-25	National Institute of Health (NIH), USA
Dr Santhosh Satheesh	10 Lakh INR	2022-24	JIPMER Alumni Association of North America(JAANA)- USA
Dr Santhosh Satheesh	15 Lakh INR	2023-24	Google LLC, USA
Dr Santhosh Satheesh	17 Lakh INR	2023-25	ICMR
Dr Santhosh Satheesh	36 Lakh INR	2022-25	ICMR
Dr Santhosh Satheesh	5 Lakh INR	2023-24	Heart Failure Association of India
Dr Santhosh Satheesh	32 Lakh INR	2021-25	ICMR
Dr Santhosh Satheesh	30 Lakh INR	2024-26	Johnson & Johnson
Dr Santhosh Satheesh	2 Crore INR	2024-25	Artificial Intelligence Center of Excellence (AI-COE) program of the Ministry of Education GOI
Dr. Avinash Ananthraj	8 lakhs INR	May 2020, ongoing	National Institute of Epidemiology
Dr. Avinash Ananthraj	450 Canadian dollars per case recruited	October 2023, ongoing	Population Health Reasearch Institute, Hamilton, Canada
Dr. Avinash Ananthraj	30 lakhs INR	January 2024 ongoing	Johnson & Johnson
Dr Bhagwati Prasad Pant	INR 60,000/-	March 2025	ICMR

Publications:

1. Hasitha T, Singhania N, Sukumaran SK, Selvaraj RJ. Ease and accuracy of ECG interpretation using 12-lead ECG versus a combination of 12-lead and vector ECG (electro-vectorcardiogram) by medical students: A prospective, randomised controlled study. J Electrocardiol. 2025 Jan-Feb;88:153830. doi: 10.1016/j.jelectrocard.2024.153830. Epub 2024 Nov 22. PMID: 39602951.
2. Sukumaran SK, Bhargav A, Balaguru S, Selvaraj RJ. Conflicting responses with simultaneous atrioventricular pacing. What is the mechanism? Indian Pacing Electrophysiol J. 2024 Nov-Dec;24(6):334-336. doi: 10.1016/j.ipej.2024.08.004. Epub 2024 Aug 22. PMID: 39178985; PMCID: PMC11662408.
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20. Selvaraj, J. Raja; Sathyan, Anjana1; Plakkal, Nishad2; Sivavignesh, K. E.. Feasibility and Utility of Single-lead Electrocardiogram Recorded with a Handheld Device for Screening of Neonates: A Pilot Study. International Journal of Advanced Medical and Health Research 11(1):p 48-51, Jan–Jun 2024. | DOI: 10.4103/ijamr.ijamr_265_23
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26. Mishra S, Anantharaj A, Satheesh S. Rome was not built in a day. Ann Pediatr Card 2024;17(6):471-2.
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31. Mondal S, Swasthi SK , Bhagwati pant Mastering the Electrocardiogram to Distinguish SVT from VT with Confidence: A Mini-Review. OAJC. 2024;8(1):1–6.
32. Sudipta Mondal, Arun Gopalakrishnan, Bhagwati Prasad Pant, Mohamed Iliyas, Bijulal Sasidharan, Stenting of aortic isthmus atresia – A case series, IHJ Cardiovascular Reports,Volume 8, Issue 2,2024,Pages 60-65,ISSN 2950-4678, https://doi.org/10.1016/j.ihjcvr.2024.06.006.
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Book Chapters/Conference Proceedings

1. Anish Bhargav, Balachander Jayaraman, Raja SelvarajImplantable Cardioverter defibrillator Therapy: Critical evaluation of Selection criteria and Post Implant Care. CSI Update
2. Bhagwati Prasad Pant, Sudipta Mondal, Atul tayade. Cardiac evaluation and Imaging of a pregnant woman with heart disease, Chapter 3,Textbook of advances in cardio-obstretics.Evangel Publications,2025.
3. Bhagwati Prasad Pant, Thromboembolic disorders in pregnancy,Chapter 16, Textbook of advances in cardio-obstretics.Evangel Publications,2025.
4. Aortopulmonary window and RSOV, Sataroopa Mishra. Piyush Gupta textbook of Pediatrics 3rd edition, Jaypee publishers, Delhi
5. Dilated Cardiomyopathy and Heart Failure, Sataroopa Mishra, Learning through multiple choice questions in pediatrics, Jaypee publishers, Delhi

Department of Cardio Thoracic and Vascular Surgery

Research and Publications

Research Completed

- Assessments of changes in right heart reverse remodelling indices by cardiac MRI in rheumatic heart disease patients with severe functional tricuspid regurgitation undergoing mitral valve replacement or double valve replacement

  From this study, we conclude that significant RV reverse remodeling occurs after DeVega's tricuspid annuloplasty in rheumatic heart disease patients with severe FTR, as evidenced by reductions in RV dimensions and volumes on cardiac MRI. This was associated with improvement in TR grade and functional status. Suture annuloplasty can be an effective technique for addressing severe FTR in this patient population.

- Effectiveness and safety of Whats App for Monitoring Prothrombin Time and Titration of Oral Anticoagulant Dosage in Follow-Up of Heart Valve Replacement Patients – A Retrospective Cohort Study. (ICMR STS study)

  Hence, a better anticoagulation quality can be obtained through the remote follow-up of the patients on oral anticoagulation leading to decrease in thrombotic and bleeding event. WhatsApp follow-up showed a slightly lower burden and significantly higher satisfaction with anticoagulation treatment compared to physical follow-up, suggesting better

management and improved patient satisfaction, despite no significant burden difference.

- Redefining haematological stability by understanding the effect of priming fluid combinations on RBC volumetric parameters during cardiac surgery in children undergoing cardiopulmonary bypass

  Priming solutions (Plasmalyte A or Ringer's Lactate) are used during a cardiopulmonary bypass to improve microcirculation. The hidden metabolites of such solution damage red blood cells, leading to hypoxia and inducing acid-base imbalance. This observational study was done to identify the effects of priming solution (Plasmalyte A or Ringer's Lactate) on RBC parameters (RBC count, Hemoglobin, Packed cell volume). In this study, 20 children who had undergone elective intracardiac repair for congenital defects were divided into two equal groups. Group A received Plasmalyte A (PA), and Group B received Ringer's Lactate (RL). From all the patients, samples were collected at particular intervals, and results were compared between the groups. The RBC count was significantly lower in Group B compared to Group A at various time points ($P<0.05$). The mean Hb significantly decreased from 10.74 ± 1.14 g/dl to 8.63 ± 1.2 g/dl after bypass in Group B patients, while in Group A, the Hb mean value reduced from 9.69 ± 1.58 g/dl to 9.58 ± 0.94 g/dl. Standard recovery was observed in both groups of patients. Plasmalyte A is a more favourable crystalloid compared to Ringer's lactate in terms of changes in RBC parameters.

Grants obtained (Intramural and extramural)

Name of investigator – Dr. Hemachandren. M

Title	Funding Agency	Grant amount (in Rupees)	Duration and Date of start
Establishment of National Hospital based Registry on Venous Thromboembolism (ICMR- National Registry on Venous Thromoembolic Diseases- i-REGVED) With etiopathological analysis of unprovoked VTE at JIPMER	ICMR	47,05,400/-	3 years January'2023
Effectiveness of remote Mobile App based monitoring of Prothrombin time and INR for follow-up of heart valve replacement patients- A non-randomized trial MApp-INR trial	JIPMER – IDP project	2,13,000	3 years August, 2021 (under extension)

Publications

1. Bhukya D, Naik P, Ramachandran M, Raja K, Munuswamy H, Ganesh RN, Pillai AA, Maurya DK, Keepanasseril A. Splenic artery aneurysm and infarction during pregnancy from infective endocarditis. BMJ Case Rep. 2024 Nov 25;17(11):e260923. doi: 10.1136/bcr-2024-260923. PMID: 39592179.
2. Shreya A, Rath DP, Parida S, Munuswamy H, Prasad S, Padmanabhan R. Evaluation of Postoperative Pain After Cardiothoracic Surgery in Patients with and Without Significant Preoperative Anxiety: A Prospective Observational Study. Ann Card Anaesth. 2024 Apr 1;27(2):121-127. doi: 10.4103/aca.aca_175_23. Epub 2024 Apr 12. PMID: 38607875; PMCID: PMC11095785.
3. Prabhas TD, Gautham A, Rath DP, Sai Chandran BV. Atrial fibrillation and its associated risk factors in post coronary artery graft patients – an observational study. European Journal of cardiovascular Medicine Volume 15 Issue 1 (Jan - Feb, 2025) | Pages 448 – 452.
4. Javath Hussain S, Deepanjali S, Munuswamy H. Clinical predictors of warfarin-associated bleeding: A case-control study. Trop Doct. 2024 Oct 10:494755241287952. doi: 10.1177/00494755241287952. Epub ahead of print. PMID: 39387151.
5. Remesh AM, Barathi A, Ravichandran A, Thulasingam M, Munusamy H. Out-of-Pocket Expenditure and Challenges Faced by Patients Undergoing Heart Valve Replacement in Follow-Up Care at a Tertiary Care Center in South India: A Mixed Methods Study. Cureus. 2024 Aug 4;16(8):e66127. doi: 10.7759/cureus.66127. PMID: 39229425; PMCID: PMC11370814.

6. Shetty T, Munuswamy H, Ramsankar SP, Rath DP. Influence of time in therapeutic range on postoperative complications in mechanical heart valve replacement patients operated with the indigenous TTK Chitra heart valve. Heart Vessels Transplant Mar 2025;8 (2024) (2):221-30.
7. Pai S, Rath D, Pillai AAK, Padmanabhan R. Effects of Mitral Valve Replacement on Pulmonary Arterial Pressures in Mitral Valve Disease with Pulmonary Hypertension – A Retrospective Echocardiographic Observational Study. Journal of Heart Valve Disease. 2025 Jun;30(6):84-92.
8. Aggarwal, Deepanshu[1]; Thakor, Poojan[1]; Bolar, Siddhant[1]; Narkhede, Vishal[1]; Sreenivasan, Sreerag Kodakkattil[1]; Dorairajan, L. N.[1]; Kalra, Sidhartha[1]; Parameswaran, Sreejith[2]; Priyamvada, P. S.[2]; Hemachandren, M.[3]Optimizing Vascular Access Education in Urology Residency: Evaluating the Outcomes of Arteriovenous Fistulas Created by Residents. *Journal of Association of Southern Urologists* 2(1):p 11-17, Jan–Jun 2025. | *DOI:* 10.4103/JASU.JASU_21_24
9. Aggarwal, Deepanshu[1]; Thakor, Poojan[1]; Bolar, Siddhant[1]; Sreenivasan, Sreerag Kodakkattil[1]; Dorairajan, L. N.[1]; Kalra, Sidhartha[1]; Narkhede, Vishal[1]; Sah, Shailendra Kumar[1]; Parameswaran, Sreejith[2]; Hemachandren, M.[3] Navigating Perioperative Complications in Renal Transplantation: A Comprehensive Analysis.*Journal of Association of Southern Urologists* 2(1):p 18-23, Jan–Jun 2025. | *DOI:* 10.4103/JASU.JASU_25_24

Book chapter

1. Sulya D, Kalyanasundaram A, Munuswamy H. Cardiothoracic Surgery. In:Mandal N, Ghatak S, Mondal A, editors. Postgraduate surgery.New Delhi: Jaypee Brothers Medical Publishers; 2024:Pg 1392-1477.

Department of Clinical Immunology

Research and Publications

Research Completed

- Effect of cyclophosphamide (CYC) based treatment regimen on type 1 interferon signatures in proliferative lupus nephritis (LN): We found that high dose and low dose CYC-based induction regimens may decrease interferon gene score (IGS) in proliferative LN. The decrease in IGS was sustained in the high dose CYC group and the complete remission (CR) group. ΔIGS or the fold change in IGS at 3 months was capable of predicting non-response with modest sensitivity and specificity. When we combined clinical variables like endocapillary proliferation and interstitial inflammation, ΔIGS had a better predictability for non-response with improved sensitivity and specificity. Using RNA Sequencing for transcriptomic analysis we identified that in PBMCs genes viz. TENM2, NLGN1, AP005230.1 individually & in combination predicted Non-response and AC092436.3 predicted flare while in both PBMCs & tissues, gene AP005230.1 predicted non-response
- Ultrasonographic assessment of vascular intimal-medial thickness and its association with disease activity in Takayasu Arteritis: Aprospective observational study": We found that carotid arteries intima media thickness (by ultrasound) reduces and returns to normal with immunosuppressive treatment.
- Estimation of nephron numbers and its change with induction therapy in lupus nephritis (LN): a prospective observational study: In this study we found that LN patients had nephron numbers comparable to healthy controls at baseline, but significant nephron loss was observed within six months. We also observed compensatory hyperfiltration in remaining nephrons, this finding underscores a maladaptive response that contributes to further glomerular damage and loss.
- We by immunological, molecular characterization functional characterization of pollens from *Parthenium hysterophorus* identified a novel 40kDa immunodominant pollen allergen, pectin methylesterase. We demonstrated that both the complete allergen and the predicted epitopes were able to elicit cellular and phenotypic responses in sensitized individuals.
- Identification of molecular signatures of CD4+ T Cell subsets and their role in the pathogenesis of Rheumatoid Arthritis (RA): In this study, we assessed cytokine levels and percentage of Tregs, Th-like Tregs in RA peripheral blood (PB) and synovial fluid (RA-SF) using fluorescence cytometry. We also assessed the effect of autologous SF on plasticity and function of RA-PB Tregs and induced vimentin pulsed Tregs (iTregsVIM) was assessed in vitro. We showed that the microenvironment in the RA synovial fluid is possibly responsible for conversion of pTregs

into Th-like Tregs and their functional loss and blockage of cytokine receptors and methyl transferases could inhibit such Tregs conversion.

Grants obtained

Extramural

Faculty	Title of Project	Duration	Funding Agency & Funds Sanctioned	Collaborating Institutions / Departments
Molly Thabah	Multi- institutional Network Program on Systemic Lupus Erythematosus: Understanding the Diversity	2018-2024	DBT 1Lacs (2023-2024)	SGPGI Lucknow
Molly Thabah	Antinuclear Antibody Immunofluorescence Patterns in Systemic Lupus Erythematosus: Diagnostic and Prognostic Evaluation using Artificial Intelligence	2023-2025	ICMR 11.26 Lacs (2024-25)	AIIMS New Delhi
Molly Thabah	A randomized, double blind, placebo-controlled, multicenter phase 3 study to evaluate efficacy, safety, and tolerability of Ianalumab on top of standard of care in patients with systemic lupus erythematosus' SIRIUS SLE2	2024-2025	Novartis 4Lacs	Multi-national
Molly Thabah	The SLE Outcomes Study – SOS: Determinants of Long-Term Outcomes in Systemic Lupus Erythematosus	2023 to 2028	APLC 8.32 Lacs for 2024	Asia Pacific Lupus Collaboration (APLC) investigators from the Asia Pacific region

Intramural

Faculty	Title of Project	Duration	Funds Sanctioned
Molly Thabah	Ultrasonographic assessment of vascular intimal-medial thickness for monitoring disease activity in Takayasu Arteritis: A prospective observational study	2023-2024	2.0 Lacs
Chengappa K G	Estimation of nephron numbers and its change with induction therapy in lupus nephritis a prospective observational study	2023-2025	2.0 Lacs
Christina M Mariaselvam	JIP/Res/Intramural/phs- 4/2021-22 Faculty project Transcriptome analysis of kidney tissue from patients with proliferative lupus nephritis.	2021-2024	5.0 Lacs
Molly Thabah	Association of Endoplasmic Reticulum Aminopeptidase 1 (ERAP1) polymorphisms in the presence of HLA-B27 with clinical characteristics among Spondyloarthropathy(SpA) patients and their first-degree relatives	2023-2025	2.0Lacs

Funding from Indian Rheumatology Association

Faculty	Title of Project	Duration	Funds Sanctioned
Chengappa KG	Estimation of nephron numbers and its change with induction therapy in lupus nephritis a prospective observational study	2022 - 2024	2.0 Lacs

Faculty	Title of Project	Duration	Funds Sanctioned
Molly Thabah	Ultrasonographic assessment of vascular intimal-medial thickness for monitoring disease activity in Takayasu Arteritis: A prospective observational study	2022-2024	2.0 Lacs
Molly Thabah	Association of Endoplasmic Reticulum Aminopeptidase 1 (ERAP1) polymorphisms in the presence of HLA-B27 with clinical characteristics among Spondyloarthropathy(SpA) patients and their first-degree relatives	2023-2025	2.0 Lacs

Publications (Indexed journals)

1. Gorijavolu M, Kavadichanda CG, Gopal A, Ananthakrishnan R, Naik D, Mariaselvam CM, Thabah MM, Negi VS. Findings on serial thigh MRI can identify individuals with inflammatory myositis who recover sub-optimally: A 6-month follow-up study. J R Coll Physicians Edinb. 2024 Dec;54(4):290-297. doi: 10.1177/14782715241300850. Epub 2024 Nov 23. PMID: 39579027.
2. Reddy Boreddy S, Mariaselvam CM, Reni Micheal BN, Vallayyachari K, Bulusu SN, Thabah MM, Padukudru Anand M, Madhavan T, Singh Negi V. Functional characterization of complete and immunodominant epitopes of a novel pollen allergen from Parthenium hysterophorus. Eur Ann Allergy Clin Immunol. 2024 Jul 31. doi: 10.23822/EurAnnACI.1764-1489.355. Epub ahead of print. PMID: 39082874.
3. Ciechomska AD, Chaturvedi V, **Thabah M**, Ikeda K, Wakefield RJ, Dasgupta B. Integrating point-of-care ultrasound into rheumatology practice. Pol Arch Intern Med. 2024 Oct 30;134(10):16815. doi: 10.20452/pamw.16815. Epub 2024 Jul 30. PMID: 39078381.
4. Bulusu SN, Mariaselvam CM, Shah S, Kommoju V, Kavadichanda C, Harichandrakumar KT, Thabah M, Negi VS. Type I interferon gene expression signature as a marker to predict response to cyclophosphamide based treatment in proliferative lupus nephritis. Lupus. 2024 Sep;33(10):1069-1081. doi: 10.1177/09612033241266779. Epub 2024 Jul 20. PMID: 39033304.
5. Kommoju V, Mariaselvam CM, Bulusu SN, Michael BNR, Kavadichanda C, Thabah MM, Negi VS. Rheumatoid arthritis autologous synovial fluid affects the plasticity and function of peripheral and induced T regulatory cells in vitro. Immunol Lett. 2024 Jun;267:106859. doi: 10.1016/j.imlet.2024.106859. Epub 2024 Apr 25. PMID: 38670465.
6. Mariaselvam CM, Seth G, Kavadichanda C, Boukouaci W, Wu CL, Costes B, Thabah MM, Krishnamoorthy R, Leboyer M, Negi VS, Tamouza R. Low C4A copy numbers and higher HERV gene insertion contributes to increased risk of SLE, with absence of association with disease phenotype and disease activity. Immunol Res. 2024 Aug;72(4):697-706. doi: 10.1007/s12026-024-09475-8. Epub 2024 Apr 10. PMID: 38594415.
7. Gopal A, Kavadichanda C, Gayathri MS, Gorijavolu M, Bairwa D, Mariaselvam CM, Srinivas BH, Thabah MM, Negi VS. Kidney histopathology in predicting flares following drug withdrawal in proliferative lupus nephritis in clinical remission. Rheumatol Int. 2024 Dec;44(12):2885-2889. doi: 10.1007/s00296-023-05497-x. Epub 2023 Nov 21. PMID: 37987842.

Publications (Non-Indexed journals)

None

Book Chapters and Conference Proceedings

Conference Proceedings

1. Babu KLJ, Kavadichanda C, Gopal A, V G, Jose A, D S, D S, Reddy Tokala S, Mashetty B, Mehra DS, Shah S, Mariaselvam C, Thabah MM, Negi VS. Assessment of clinical outcomes and predictive factors in difficult-to-treat lupus nephritis: a comprehensive retrospective cohort study from a tertiary care center. *[abstract]*.EULAR 2024
2. Jose A, Gopal A, Gorijavolu M, Babu KLJ, Nayak A, Das AC, Kavadichanda C, Thabah MM, Negi VS. Long-term safety outcomes and predictors of serious infections among patients with systemic lupus erythematosus treated with rituximab: observations from a single center biologic registry. *[abstract]*. EULAR 2024
3. Jose A, Babu J, Joseph Rajeev R, Ananthakrishnan R, Halanaik D, Gopal A, Kavadichanda C, Thabah MM, Negi VS. Multi-vessel intimal-medial thickness as an indicator of disease activity state and monitoring tool in Takayasu arteritis. *[abstract]*. EULAR 2024
4. Jose A, Gopal A, Kumari L, Babu KLJ, Gorijavolu M, Kavadichanda C, Thabah MM. Primary tubercular myositis masquerading under classical clinical picture of dermatomyositis: story of three cases. *[abstract]*. EULAR 2024

5. Jagan KL, Jose A, Vishnupriya G, Dellan S, Dhanush S, Tokala S, Mashetty B, Kavadichanda C, ganapathy S, Gopal A, Roshan R, Reddy S, Mehra S, Thabah M, Negi V. Data-driven Bayesian Network Analysis for Predicting Difficult-to-treat (DTT) Lupus Nephritis [abstract]. *Arthritis Rheumatol.* 2024; 76 (suppl 9).
6. Jose A, Thabah M, Kavadichanda C, K L J, Mariaselvam C, Negi V. Multi-vessel Intimal Medial Thickness in Takayasu Arteritis: A Potential Marker for Disease Modification? [abstract]. *Arthritis Rheumatol.* 2024; 76 (suppl 9).
7. Kommoju V, Bulusu S, Vembar S, Kavadichanda C, Thabah M, Mariaselvam C, Negi V. Characterization of Treg Phenotype, Function and Its Transcriptome Signatures in Treatment-naïve Rheumatoid Arthritis [abstract]. *Arthritis Rheumatol.* 2024; 76 (suppl 9).
8. Kumari L, Koneru V, Philip S, Dunga S, Gorijavulu M, Gopal A, Mariaselvam C, Thabah M, Negi V, Kavadichanda C. Cancer Risk and Screening Effectiveness in Idiopathic Inflammatory Myopathy: Validating IMACS Guidelines in a Retrospective Indian Cohort [abstract]. *Arthritis Rheumatol.* 2024; 76 (suppl 9).
9. Bulusu SN, Bavikatte A, Shah S, Murthy S, Mariaselvam CM, Kavadichanda C, et al. Transcriptome analysis of peripheral blood and renal tissue identifies genes that predict treatment response in proliferative lupus nephritis: a prospective observational study. *Rheumatology*. 2024;63(Suppl 1):keae163.025. doi:10.1093/rheumatology/keae163.025
10. Kommoju V, Mariaselvam C, Vembar S, Bulusu SN, Kavadichanda C, Thabah MM, et al. RNA sequencing of regulatory T cells sorted from Rheumatoid Arthritis peripheral blood. *Rheumatology*.2024;63(Suppl1):keae163.219. doi:10.1093/rheumatology/keae163.219
11. Jagan BKL, Jose A, Vishnupriya G, Mashetty B, Gayathri MS, Gorijavolu M, et al. Clinical outcomes and predictors of difficult-to-treat lupus nephritis: observations from a single center retrospective cohort. *Rheumatology*. 2024;63(Suppl 1):keae163.021. doi:10.1093/rheumatology/keae163.021

Monographs/Manuals/Reports

Dr. Molly Mary Thabah and Dr. Chengappa contributed to the unit III and unit IV modules (approach to back pain and spondyloarthritis respectively) for the BMJ's Post Graduate Certificate Course in Primary Care Rheumatic and Musculoskeletal Medicine.

Books Published

Book title: Manual of Rheumatology 6th edition, 2023

Publisher: CBS Publishers, New Delhi on behalf of the Indian Rheumatology Association

Editor in chief: Ramnath Misra

Associate and Section Editors: Molly Mary Thabah, Sakir Ahmed, Prasanta Padhan

Department of Clinical Pharmacology

Research and Publications

Research Completed in 2024-25

Title: Comparison of prognostic factors in predicting the disease-free survival in non-metastatic colorectal cancer patients treated with chemotherapy: A retrospective record-based study.

Conclusion: None of the prognostic factors were found to predict survival outcome at the baseline or post-treatment. The post-treatment Neutrophils - Lymphocytes and De Ritis ratios were significantly different compared to the baseline. High "N" staging, TNM staging, and circumferential resection margin involvement were found to be associated with overall survival. Lymph node dissection adequacy was associated with the prediction of disease-free survival.

Grants obtained (Intramural and extramural) Tabular format only

Name of Faculty	Amount	Period of grant	Funding Agency
Dr. S. Sandhiya (Under ICMR INTENT)	53,00,000 (Budget to be released)	2025–2027	ICMR
Dr. S. Sandhiya (Site PI; initiated by IGIB)	1.1 crore	2022–2025	ICMR
Dr. S. Sandhiya (PhD student thesis)	7,50,000	2021-2027	JIPMER-IMRF

Name of Faculty	Amount	Period of grant	Funding Agency
Dr. S. Sandhiya (DM student thesis)	2,00,000	2023-2025	JIPMER-IMRF
Dr. S. Sandhiya (DM student thesis)	2,00,000	2024-2026	JIPMER-IMRF
Dr. S. Sandhiya (PhD student thesis)	7,50,000	2019-2024	JIPMER-IMRF

Publications -- Indexed Journals (Dr. S. Sandhiya)

1. Anandaradje A, Kalita B, Coumar MS, Selvarajan S*. Molecular docking of curcumin and curcuminoids as human Zn+ dependent histone deacetylase (HDAC) enzyme inhibitors. In Silico Pharmacol. 2024;12:47.
2. Gunaseelan V, Selvarajan S*, Kamalanathan S, Kadhiravan T, Venkatraman S. Effect of metformin on exercise capacity in treatment naïve type 2 diabetes patients. Drug Metab Pers Ther. 2024.
3. Srinivasan A, Selvarajan S*, Shivabasappa S, Arunmozhy S. A Retrospective Observational Study of Adverse Drug Reactions (ADR) Reported to ADR Monitoring Centre from 2010 to 2020. Current Drug Safety. 2025 Aug;20(3):349-60.

Department of Dentistry

Research and Publications

Research completed in 2024-25

1. Does an Audio-Visual Preoperative Patient Education Influence Anxiety and Retention of Information for Impacted Mandibular Third Molar Removal? A Randomized Blinded Trial.
2. Intensive Oral Hygiene Interventions during Therapy of Acute Leukemia May Result in Detrimental Outcomes: A Randomized Clinical Trial
3. Mandibular canal angle, length and curvature in the three facial growth patterns and their association with vertical dysplasia indicators in adult patients: A retrospective cross-sectional 2D cephalometric study.
4. Orthodontically induced external apical root resorption with clear aligners compared to fixed appliance treatment: An umbrella review
5. Agreement between cephalometric analyses in diagnosing the dento-skeletal characteristics of malocclusion.
6. Evaluation of the association between 6-n-propylthiouracil taste phenotypes and the development of white spot lesions during fixed orthodontic treatment. A prospective cohort study.

Grants Obtained

Name of the faculty	Amount (INR)	Period of grant	Grant Agency
Dr. Madhan B (PI)	80000/-	2023-2026	JIPMER
Dr. Madhan B (PI)	100000/-	2024-2027	JIPMER

Publications--Indexed Journals

1. Aditya NK, Krishnan B. Factors contributing to non-union amongst dentate mandibular fractures treated by load-sharing miniplate osteosynthesis: a case-control study. Br J Oral Maxfac Surg 2024;62(6):565-570
2. Bedi A, Nivethitha B, Selvaraj M, Madhan B. Regarding the influence of facial width on the perception of lip protrusion. Am J Orthod Dentofac Orthop. 2024;166(2):100.
3. Kumar SS, Ramteke S, Nivethitha B, Madhan B. Effect of torque customization with composite resin bases on the shear bond strength and adhesive remnant patterns of lingual brackets : An in vitro evaluation. J Orofac Orthop 2024. DOI: 10.1007/s00056-024-00559-6
4. Madhan B, Toi P Ch, Krishnan B. Feasibility of age estimation from Buccal Mucosal Cells in Adults: A Cytomorphometric Study. Journal of Indian Academy of Forensic Medicine 2024;46(2-Suppl): 374-378.
5. Kumar A, Saravanan R, Krishnan B. Does an Audio-Visual Preoperative Patient Education Influence Anxiety and Retention of Information for Impacted Mandibular Third Molar Removal? A Randomized Blinded Trial. J Oral Maxillofac Surg 2024 DOI: 10.1007/s12663-024-02273-7
6. Dubashi B, Mote NP, Krishnan B, Kayal S, Harichandra Kumar KT, Abirami M, Devi N, Ganesan P, Nisha Y. Intensive Oral Hygiene Interventions during Therapy of Acute Leukemia May Result in

Detrimental Outcomes: A Randomized Clinical Trial. South Asian J Cancer 2024 DOI: 10.1055/s-0044-1790285.

7. Selvaraj M, Nivethitha B, Varshitha P, Sangeetha U, Madhan B. A bibliometric analysis of the 100 top-cited systematic review and meta-analysis in Orthodontics. Dental Press Journal of Orthodontics 2024;29(2):e242401.
8. Raj BJR, Somasundaram S, Ravindran B, Yelagala SK, Prasad TG, Raja KKV. Pre-Operative Assessment of Anatomical Position of Inferior Alveolar Nerve Using Cone Beam Computed Tomography During Bilateral Sagittal Split Osteotomy Surgery. J Pharm Bioallied Sci 2024; DOI: 10.4103/jpbs.jpbs_1709_24.
9. Ganesan A, Kumar V, Krishnan B. A rare case of a dormant malignancy in long-standing tongue ulceration. Oral Oncol 2025 DOI: 10.1016/j.oraloncology.2025.107173
10. Priyanka KN, Ramteke S, Nivethitha B, Madhan B. What is the Minimal Perceptible Change for the Dimensional Alteration of Facial Structures in the Frontal View? J Oral Maxillofac Surg. 2025;83(1):17–25.
11. Deepthi B, Krishnasamy S, Krishnamurthy S, Khandelwal P, Sinha A, Hari P, Jaikumar R, Agrawal P, Saha A, Deepthi RV, Agarwal I, Sinha R, Venkatachari M, Shah MA, Bhatt GC, Krishnan B, Vasudevan A, Bagga A, Krishnamurthy S. Clinical characteristics and genetic profile of children with WDR72-associated distal renal tubular acidosis: a nationwide experience. Pediatric Nephrol 2025;40(2):407-416.
12. Ravindranath R, Ramakrishnan J, Mathavaswami V, Ravel V, Madhan B. Prevalence of Edentulism, Associated Factors, Perceived Treatment Needs and Barriers for Dental Care among the Elderly in a Rural Area of Puducherry, India: A Community-based Mixed-method Study. J Clin Diag Res 2025;19(2): 15-21.

Department of Dermatology and STD

Research and Publications

Research Completed

1. **Vaccine immunotherapy with multidrug treatment for people with multibacillary leprosy: A systematic review**

   Evidence favoured MDT plus vaccine over MDT alone. Low certainty evidence indicated that vaccines may lower clinical scores and expedite bacteriological clearance, especially in highly bacillated individuals. Though type 1 reactions might increase slightly, most are mild.

2. **A study on clinical characteristics and severity of salt and pepper pigmentation in systemic sclerosis**

   Skin manifestation is vital for the diagnosis and subclassification of systemic sclerosis (SSc). Salt-and-pepper pigmentation (SaPP) helps readily identify a case of systemic sclerosis (SSc) but is an overlooked manifestation in terms of prognosis. In this cross-sectional study, the prevalence and characteristics of SaPP and its associations were studied and a scoring system was developed. SaPP was present in half of patients with SSc. It was symmetrical in many and was independently associated with moderate-to-severe skin sclerosis, peripheral vascular disease and shorter disease duration. The SaPPs score is a validated and reliable score, measured as a composite estimate of the area of involvement and the degree of pigmentation and can be used to measure SaPP disease severity.

3. **Clinical and dermoscopic profile of patients with facial dyschromias presenting to a tertiary healthcare centre in south India:**

   In this cross-sectional descriptive study, 274 patients presenting to the dermatology outpatient department with facial dyschromias were subject to clinical and dermoscopic examination. Histopathological examination was performed in cases with doubtful diagnosis. Disorders of facial hyperpigmentation were more commonly encountered than facial hypopigmentation. Females were more commonly affected than males, and most of the patients belonged to the young to middle-aged groups. The common causes of facial hyperpigmentation include melasma, lichen planus pigmentosus, facial acanthosis nigricans, maturational dyschromia and post-inflammatory hyperpigmentation. The common causes of facial hypopigmentation include tinea versicolor, vitiligo, salt and pepper pigmentation and nevus depigmentosus.

4. **Multidrug combination for chronic dermatophytosis - a clinical, in vitro and in silico approach**
5. **Clinical characteristics and predictors of severity of sequelae in discoid lupus erythematosus: a longitudinal cohort study**

In this longitudinal study, among the 95 patients, 88.4% had scarring, 9.4% had exclusively pigmentary sequelae (most following macular type of DLE), 5.2% had lipoatrophy, and 4.2% had squamous cell carcinoma. Disease duration (p=0.001) and baseline Cutaneous Lupus Erythematosus Disease Area and Severity Index (CLASI) scale/hypertrophy sub-score (p=0.016) determined scarring severity, while severity of pigmentation was predicted by disease duration (p=0.002) and baseline CLASI erythema sub-score (p<0.001).

6. **Dermoscopy in the diagnosis and monitoring of treatment response in superficial cutaneous fungal infections – a descriptive study**

   Three variants of tinea versicolor were identified. The most common was the hypopigmented variant. Following treatment, the well-defined borders became ill- defined less often, the reduction of pigmentation and erythema, scaling and contrast halo. In responders, the perifollicular scaling and scaling in furrows observed at baseline were either absent or had a patchy pattern of scales. The most common tinea corporis morphology observed was the eczematous variant, followed by an annular plaque with pustules, annular with scales, imbricata (pseudo), a psoriasiform and atrophic plaque. In responders there was a reduction in the globules, change in the pattern of scales from diffuse/patchy to the perifollicular pattern, reduction in the patchy dotted vessel and normalization of hair changes. These definite clues could help the clinicians to assess the treatment response in resource-poor settings with the help of dermoscope.

7. **A comparative study on the treatment response and safety profile of methotrexate in psoriatic patients with and without metabolic syndrome:**

   In this observational study, 85 patients were enrolled (39 with metabolic syndrome and 46 without), of whom 79 completed the study. The majority achieved PASI 50 by three months and PASI 75 by six months. By the end of the study, 83.5% attained PASI 50, 63.5% reached PASI 75, and 31.8% achieved PASI 90, with slightly better outcomes observed in the non-metabolic syndrome group (not statistically significant). Methotrexate was well-tolerated, with only mild and transient adverse effects. Mild fatty liver was more common in patients with metabolic syndrome with comparable ARFI values.

8. **Chronic inducible urticaria: clinical characterization and impact on life and work productivity- a prospective observational study:**

   In this longitudinal follow-up study, the prevalence of chronic inducible urticaria was 0.95% and that among chronic urticaria patient was 13.51%. Young adults with female preponderance (62%) were noted. Concomitant chronic spontaneous urticaria was noticed in 22.68%. Multiple CIndU coexisted in 0.12%. Provocation test was positive in 38.5% with highest positivity for symptomatic dermographism (88.2%) followed by cold urticaria and delayed pressure urticaria. Delayed pressure urticaria (48.45%) was the most common followed by cold urticaria (33.3%), symptomatic dermographism (17.52%), cholinergic urticaria (16.49%), solar urticaria (6.18%) and aquagenic urticaria (3.09%). Majority of the patients responded to antihistamines. Majority (77.32%) had moderate effect on quality of life. With regards to work productivity impairment, the overall productivity impairment was 50% and absenteeism was 10%. Elevated ESR and elevated serum IgE were the most common lab abnormalities.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Laxmisha Chandrashekar	Rs.49,87,298	2023-2026	ICMR
Dr. Rashmi Kumari	Rs. 22,14,375	2019-2024	ICMR
Dr. Sivaranjini Ramassamy	Rs.50,00,000	2024-2029	DHR_ ICMR
	Rs.6,36,025	2024-2026	IADVL
	Rs. 2,47,000	2023-2025	JIPMER

Publications--Indexed Journals

1. Somasundaram A, Sivakumar A, Arulnathan AP, Srinivas BH, **Thappa DM**. Facial ulceration in a patient with lepromatous leprosy. Int J Dermatol. 2024;63:1607-1609.
2. Sarkar R, Dogra S, Vinay K, Sinha S, Narayan VR, Kumaran MS, Podder I, Jagadeesan S, Bhalla M, Das A, Lakhani R, Sharma R, Barua S, Somani VK, **Thappa DM,** Mysore V, Swarnkar B. Topical Tacrolimus in Vitiligo: Consensus Paper from the Pigmentary Disorders Society. Clin Cosmet Investig Dermatol. 2024;17:2875-2886.
3. Meena A, Rout N, Ganesh RN, **Ramassamy S.** Oral Myeloid Sarcoma as a Marker of Relapse in Acute Myeloid Leukemia. Am J Dermatopathol. 2024;46:868-870.
4. Somasundaram A, Periyasamy SK, Arunachalam N, Vimala TS, Jinkala S, Dhandapany G, **Ramassamy S.** Nail as a Window to Diagnosing Multisystem Langerhans Cell Histiocytosis: A Case Report and Review of Literature. Am J Dermatopathol. 2024;46:788-790.

5. Goud VK, Goud AC, **Ramassamy S,** Jayanthi M, Medha R, **Chandrashekar L**. Whole blood global DNA methylation [5-methylcytosine (5-mC)] levels in psoriatic patients before and after methotrexate treatment. Gene Rep 2024; 37: 102083
6. Goud VK, Goud AC, **Ramassamy S,** Jayanthi M, Medha R, **Chandrashekar L**. Assessment of Erythrocytes Methotrexate Polyglutamate Three Levels in Psoriatic Patients Treated with Methotrexate Monotherapy and Their Association with Disease Response. Indian J Clin Biochem. Sep 2024. (https://doi.org/10.1007/s12291-024-01269-x)
7. Meena A, Somasundaram A, **Ramassamy S.** Facial Papulopustular Eruption in an Adult: An Underreported Complication of Miliaria. Am J Trop Med Hyg. 2025 Mar 13;112:1181-1182.
8. Agrawal A, Dharanisankar S, **Sivaranjini R**. Pincer Nails – A Rare Manifestation of Systemic Lupus Erythematosus. Indian Dermatol Online J 2025; 16: 505-506.
9. Somasundaram A, **Kumar S, Ramassamy S**. Real-Time Video-Dermoscope-Guided Tick Extraction. Am J Trop Med Hyg. 2024;111:453-454.
10. Kalimuthu A, **Thappa DM**; Badhe B; Sistla S. Trichomycosis Axillaris: A Clinicoetiological Study. Indian Dermatol Online J 2025;16:270-275
11. Mohanan S, **Chandrashekhar L**; Basu D; **Thappa DM**. Fatal Gastric Mucormycosis and Strongyloidiasis in a Patient with Dapsone Hypersensitivity Syndrome. Indian Dermatology Online J 2025; 16: 469-470.
12. Sivakumar A, Rout N, **Munisamy M**, Ganesh RN. Scalp Cobblestoning in Darier's Disease. Indian Dermatol Online J. 2024;16:167-168.
13. Couppoussamy KI, Devanda R, **Munisamy M**. Symmetrical Drug-Related Intertriginous and Flexural Exanthema: A Probable Association to Siddha Medication Presenting as Baboon Syndrome. Indian Dermatol Online J. 2024;15:1047-1048.
14. **Kumar S**, Somasundaram A, Meena A, Sivakumar A, Purushothaman S, Gopal Aswath M, **Munisamy M**. Case series comparing the dermoscopic features of telangiectasias of systemic sclerosis versus hereditary hemorrhagic telangiectasia. Int J Dermatol. 2025;64:451-2.
15. Ganesamoorthy K, Jayaseelan V, Yuvaraj K, **Munisamy M**, Sakthivel M. Prevalence and Determinants of Suspected Reproductive Tract Infection/Sexually Transmitted Infection among Women of a Reproductive Age Group (15–49 Years) in Rural Puducherry. Indian J. Community Med. 2025, https://doi.org/10.4103/ijcm.ijcm_789_23.
16. Ramamoorthy L, Tirekha SV, Rajesh NG, **Munisamy M**. Isolated Anhidrosis of the Left Upper Limb Following Electrocution – One-Sleeve Shirt Sign. Indian Dermatol Online J. 2024;16:330-331.
17. Sivakumar A, Siddeswara S, Badhe B, **Kumari R**. A solitary cockade purpuric lesion in a pregnant woman. Clin Exp Dermatol. 2025;50:888-890.
18. Behera B, Gochhait D, **Kumari R**, Ayyanar P. Giant cell collagenoma: Report of a rare tumor and review of literature. Indian J Pathol Microbiol. 2024;67:928-931.
19. De D, Mehta H, Shah S, Ajithkumar K, Barua S, **Chandrashekar L**, Chatterjee M, Gupta V, Khandpur S, Khullar G, Kolalapudi SA, **Kumar S**, Neema S, Pandhi D, Poojary S, Rai R, Rajagopalan M, Rao R, Shah B, Singal A, Thakur V, Vinay K, Aggrawal A, De A, Mukherjee S, Prinja S, Mahajan R, Handa S. Consensus Based Indian Guidelines for the Management of Pemphigus Vulgaris and Pemphigus Foliaceous. Indian Dermatol Online J. 2024;16:3-24.
20. **Kumar S**, Mehta H, Yazhini Ramar S, Bishnoi A. Kidney Donation by Psoriasis Patients: Potential Challenges and Approach From a Dermatologist's Perspective. Clin Transplant. 2025;39:e70076.
21. Ramar SY, Kotekar S, Sivakumar A, **Kumar S**. Genitourinary disorders and oral medicine. Clin Exp Dermatol. 2025;50:882-883.
22. Sivakumar A, Arora K, **Kumar S**. Ultraviolet dermoscopy of cutaneous larva migrans. Indian J Dermatol Venereol Leprol. 2025:1-2. doi: 10.25259/IJDVL_1835_2024.
23. Meena A, Somasundaram A, L K, **Kumar S**, Toi PC. Cerebriform congenital melanocytic naevus on the sole. Indian J Dermatol Venereol Leprol. 2025:1. doi: 10.25259/IJDVL_1518_2024. Epub ahead of print.
24. Singh D, Joshi RP, **Kumar S.** Extensive tophaceous gout. Indian J Dermatol Venereol Leprol. 2025:1. doi: 10.25259/IJDVL_1336_2024. Epub ahead of print.
25. De D, Shilpa S, **Kumar S**, Drenovska K, Mehta H, et al. Antidesmoglein 1 and 3 serum IgG and positivity by direct immunofluorescence microscopy is associated with relapse in pemphigus in a prospective bicontinental study. JAAD Int. 2025;19:67-74.
26. Meena A, Vinay K, Kumaran MS, **Kumar S**, Bishnoi A, Parsad D. Conventional suspension delivery versus tattooing pen-assisted suspension delivery in non-cultured epidermal cell suspension procedure for vitiligo: A randomized controlled trial. Pigment Cell Melanoma Res. 2024;37:839-846.

27. Dogra S, **Kumar S**, Narang T, Mehta H, Hanumanthu V, Handa S. Efficacy and safety of weekend cyclosporine treatment as maintenance therapy for preventing frequent disease exacerbations in moderate to severe chronic plaque psoriasis patients - A retrospective cohort study. Indian J Dermatol Venereol Leprol. 2024;90:707-712.
28. Khare C, **Kumar S**. Solitary Areolar Milium. J Assoc Physicians India. 2024;72:110.
29. Meena A, Toi PC, Ramesh S, **Kumar S**. Dermatopathology. Clin Exp Dermatol. 2024;50:199-201.
30. Meena A, Rout N, **Chandrashekar L.** Intraneural Neurofibroma. Indian Dermatol Online J. 2025;16:526.
31. Ramamoorthy L, **Chandrashekar L**. Cutaneous myiasis in neglected patients with autoimmune bullous disorders: a case series. Clin Exp Dermatol. 2024;49:1676-1679.
32. Gangadaran N, Narayanan A, Ravi S, Gochhait D, **Chandrashekar L.** Amelanotic melanoma arising from a giant congenital melanocytic nevus - A novel entity diagnosed by fine needle aspiration. Cytopathology. 2025;36:63-67.
33. Saj F, Ganesan P, **Chandrashekar L,** Rajesh NG, Dubashi B. Beneath the Surface: Unmasking Carcinoma Erysipeloides in Metastatic Breast Cancer. Indian J Med Ped Oncol 2024;11:1-2.

Publications -- Non-indexed Journals:

1. **Thappa DM**. Baby wet wipes – safety issues. CosmoDerma. 2024;4:98. doi:10.25259/ CSDM_125_2024.
2. **Thappa DM**. Professor Paramoo Sugathan (1937-2024) and his times. CosmoDerma. 2024;4:111. doi: 10.25259/CSDM_127_2024.
3. Murugan K, **Thappa DM**. Clinical and dermoscopic patterns of idiopathic guttate hypomelanosis. CosmoDerma. 2024;4:113. doi: 10.25259/ CSDM_138_2024.
4. **Thappa DM**. Biotin: A friend or foe in hair loss. CosmoDerma. 2024;4:114. doi: 10.25259/ CSDM_144_2024.
5. **Thappa DM**. Fairness creams unfairness. CosmoDerma. 2024;4:120. doi: 10.25259/ CSDM_149_2024.
6. **Thappa DM**. Laser- and light-based therapies for hirsutism in darker skin. CosmoDerma. 2024;4:126. doi: 10.25259/ CSDM_158_2024.
7. Murugan K, **Thappa DM**. Pigmented purpuric dermatosis: A dermoscopic and management perspective. CosmoDerma. 2024;4:128. doi: 10.25259/CSDM_140_2024.
8. Kotekar S, **Thappa DM**. Facial dyschromias: A review of clinical and dermoscopic features. CosmoDerma. 2024;4:130. doi: 10.25259/ CSDM_156_2024.
9. **Ramassamy S**. A Narrative Review on Evaluation of Causal Drug in Cutaneous Drug Eruptions: Challenges, Current State, and the Path Ahead. International Journal of Advanced Medical and Health Research 2024;11:80-94.
10. **Kumar S**, Meena A, Narang T. The simmering rise in incidence, severity, and atypical clinical presentations of subcutaneous and deep fungal infections in India: Will complacence cost us this battle of David versus Goliath? CosmoDerma. 2025;5:31.
11. Sivakumar A, Arora K, **Kumar S**. Ultraviolet fluorescence dermoscopy in dermatology. CosmoDerma. 2025;5:4.
12. Gupta P, Thakur V, **Kumar S**, Narang T, Chatterjee D. Verrucous plaque over the lip. CosmoDerma. 2024;4:52.

Book Chapters/Conference Proceedings:

1. **Chandrashekar L** (2024). Etiopathogenesis of Autoimmune Bullous Diseases excluding Pemphigus. In: Khandpur S, Rao R, Keshavamurthy V, Yaseen A, Mohanan S. (eds). IADVL Textbook of Pemphigus and other AIBDs. Jaypee Brothers, India.

Monographs/Manuals/Reports :

Online training module on Affective domain with presentations and roleplays for IADVL.

Newsletters/Souvenirs:

Munisamy M. Journal review on therapeutics in pediatric vitiligo. In Newsletter "Pederm Insights", 5th issue, an official publication of Pediatric Dermatology Foundation.

Articles for General Public / IEC Materials

Nil during the period of reporting

Books Published

1. Dr. Sheetanshu Kumar is Associate Editor for IADVL textbook of dermatoses in skin of color
2. Dr. Malathi Munisamy is Assistant Editor for IADVL textbook of Pediatric Dermatology

Department of Emergency Medicine and Trauma

Research and Publications

Research Completed in 2024-25

1. Prognostic utility of Peripheral Perfusion Index for 24-hour all-cause mortality in Hypotensive Trauma Patients presenting to the Emergency Department. Student investigator; Dr Arihant Jain; Guide; Dr Balamurugan N: Co-guide; Dr KT Harichandrakumar

   Conclusion : PPI is a strong predictor of 24-hour mortality in hypotensive trauma patients. Monitoring changes in PPI during emergency resuscitation provides valuable real-time insights, reducing the need for invasive monitoring and traditional markers. Delta PPI has proven highly effective in predicting 24-hour mortality, making it a reliable tool for trauma resuscitation.

2. Efficacy of ultrasound guided pericapsular nerve group (peng) block in pain relief in the adult patients with hip fractures attending to the emergency department; a double-blinded randomized controlled trial. Student: Dr Barath V; Guide: Dr Manu Ayyan; Co-guide: Dr. Pasupathy palaniappan.

   Conclusion: Based on our study, we conclude that the Pericapsular Nerve Block performed by emergency medicine physicians significantly reduced pain compared to the sham procedure in adult patients with hip fractures. The median rescue analgesic usage was also found to be lesser in them, with no significant increase in the occurrence of complications. However, this is a single-centre study, and hence, further multicentric, double-blinded, randomised controlled trials are required before routine implementation in emergency departments.

3. Short Term Prognosis in patients presenting with heart Failure to the Emergency Department- A prospective Observational Study. Student: Dr UHS NIKESH Kumar; Guide: Dr N Balamurugan

   Conclusion: The In-Hospital and three months mortality in the study population were 18.8% and 35.6% respectively. Duration of invasive ventilation , vasopressor use was found to be independently affecting In-Hospital mortality in multivariate analysis. For three months mortality Duration of invasive ventilation, vasopressor use, need of assistance in ventilation were found to be independently affecting mortality in multivariate analysis

4. A three-pronged communication strategy versus routine communication in breaking the bad news to next-of-kin of adult patients dying in the Emergency department: a Non-randomised Controlled Trial.

   Student: Dr. Anukarthika S; Guide: Dr Manu Ayyan; Co-guide: Dr. Vikas Menon

   Based on our study findings, we conclude that a three-pronged communication strategy significantly reduced the risk of PTSD among next of kin of adult dying patients in the emergency department. The strategy appeared to be more effective in reducing PTSD risk among male kin, middle-aged individuals (31-50 years), and first degree relatives. These results point towards having a structured communication strategies in preventing PTSD symptoms in relatives of patients who present to emergency department.

5. Agreement between sonographically estimated gastric volume and reported last meal on fasting status of adults planned for procedural sedation in the Emergency Department - A cross-sectional analytical study.

   Student: Dr. Varshini. D.R ; Guide: Dr Manu Ayyan

   Relying solely on traditional NPO guidelines for aspiration risk assessment may overlook a significant number of patients with the potential for high-risk gastric contents related to pulmonary aspiration. Gastric POCUS demonstrates a significant correlation between reported fasting status and sonographic gastric findings. It offers valuable real-time information that can inform anaesthetic management, enabling customisation of individual risk profiles. This tailored approach can optimise airway management strategies and enhance overall PSA safety in emergency patients. Further research is warranted to explore its utility in more diverse populations and its impact on long-term clinical outcomes.

6. Comparison of early warning scores in predicting mortality in non-trauma patients presenting to the emergency department.

   Student: Dr. Maneesh Kumar. B.L.; Guide: Dr Balamurugan N

   Conclusion: RAPS, REMS, and WPS models are reliable in predicting mortality at 7 and 30 days in non-trauma patients presenting to the ED. Among the models, RAPS had better predictive accuracy for 7-day mortality in non-trauma patients. RAPS and WPS had better predictive accuracy for 30-day mortality in non-trauma patients. RAPS, which has the fewest variables among the three scores, outperformed the other scores in predicting mortality. We suggest that all three scores can be used in the emergency department to predict mortality. We would also prefer RAPS among the

three as it can be easily collected at the triage due to fewer variables

7. Clinico-epidemiological profile and outcome Of patients presenting to Emergency Department with self-fall related injuries

   Student: Dr. Bicky Gupta ; Guide: Elamurugan; Co-Guide: Dr Balamurugan.N

   Half of the fall related injury patients were males over 50 years old. Most injuries occurred at home, with falls from height contributing to 54 percent. The most common injury sites were the extremities, followed by the head and spine. A fall from a height resulted in a high ISS. Among patients with higher ISS scores (>16) males contributed to 91 percent. Hypotension and low Spo2 were associated with higher injury severity. The overall mortality rate was 2%. These findings highlight the need for targeted prevention strategies for vulnerable groups

Grants obtained (Intramural and extramural)

Name of the faculty	Amount	Period of Grant	Grant Agency
Dr. Nanda Kishore Maroju	24,21,894	3	ICMR
Dr. Manu Ayyan S	23,80,00,000	3	ICMR
Dr. Manu Ayyan S	15,60,858	2	ICMR
Dr. Manu Ayyan S	36,00,000	18 months	BRAVIO

Publications--Indexed Journals

Pubmed Indexed

1. Muthanikkatt AM, Nathan B, Uthayakumar A, Devendiran A, Muthu S. Melioidosis – An under-recognized dreaded disease in Southeast Asia. Turk J Emerg Med. 2025;25(1):63-6. doi:10.4103/tjem.tjem_62_24.
2. **Muthanikkatt AM, Nathan B, Ayyan S, Murali S, Krishna NS, Raghavan B, et al.** Effect of serial night shifts on the cognitive, psychomotor, and moral performance of residents in the department of Emergency Medicine. *Acad Emerg Med.* 2024 Jul 15. doi:10.1111/acem.14980
3. **Reddy AA, Ayyan SM, Anandhi D, Ganessane E, Amrithanand VT.** Bed-up-head-elevated position versus supine sniffing position in patients undergoing rapid sequence intubation using direct laryngoscopy in the emergency department – A randomized controlled trial. *J Emerg Trauma Shock.* 2024 Apr–Jun;17(2):58–65. doi:10.4103/jets.jets_109_23.
4. **Ramamoorthy T, Ayyan SM, Deb AK.** Diagnostic value of point-of-care ultrasound-guided assessment of relative afferent pupillary defect in adult ocular trauma patients presenting to the emergency department: a prospective cohort study. *J Ultrasound Med.* 2024 Jul;43(7):1343–1351. doi:10.1002/jum.16458.
5. **Sadasivam SA, Kumaran A, Manu Ayyan S, SindujaaSN.** Improving door-to-analgesia timing in musculoskeletal injuries in an academic emergency department in India: a quality improvement project. *BMJ Open Qual.* 2024 Jun 4;13(2):e002815. doi:10.1136/bmjoq-2024-002815.
6. Konuri B, Ayyan SM, Vivekanandan M. Clinico-epidemiological profile & outcome of patients presenting with cerebral venous thrombosis to emergency department. Am J Emerg Med. 2024 Nov;85:65-70. doi: 10.1016/j.ajem.2024.08.034. Epub 2024 Sep 2. PMID: 39241293.
7. **Ramesh S, Ayyan SM, Rath DP, Sadanandan DM.** Efficacy and safety of ultrasound-guided erector spinae plane block compared to sham procedure in adult patients with rib fractures presenting to the emergency department: a randomized controlled trial. *Acad Emerg Med.* 2024 Apr;31(4):316–325. doi:10.1111/acem.14820. Epub 2023 Oct 29
8. **Deva A, Juthani R, Ganessane E, Balamurugan N, Ayyan M.** Utility of ED triage tools in predicting the need for intensive respiratory or vasopressor support in adult patients with COVID-19. *Am J Emerg Med.* 2024 Apr;78:151–156. doi:10.1016/j.ajem.2024.01.034. Epub 2024 Jan 23.
9. **Bhatt MP, Nema SK, Ayyan M.** Ultrasound-guided reduction of Colle's fracture does not assist in achieving better radiographic indices: results of a randomized controlled trial. *Malays Orthop J.* 2024 Jul;18(2):71–76. doi:10.5704/MOJ.2407.010.
10. **Balasubramanian R, Maprani JJ, Paulson S, Suresh G, Ayyan SM, Vimal Rohan K.** Outcome of early emergency intubation and early emergency dialysis in deliberate self-harm with formic acid in a tertiary care center in South India: a retrospective cohort study. *Turk J Emerg Med.* 2024 Apr–Jun;24(2):111–116. doi:10.4103/tjem.tjem_213_23.
11. **Ayyan SM, Ramesh S, Rath DP, Sadanandan DM.** Response to "Assessing analgesic efficacy of single-injection erector spinae plane block for rib fractures in the emergency department." *Acad Emerg Med.* 2024 Apr;31(4):416–417. doi:10.1111/acem.14848. Epub 2024 Feb 28. pubmed.ncbi.nlm.nih.govonlinelibrary.wiley.com

12. **Ganessane E, Manonmani B, Rajendran G, Uthayakumar A, et al.** Electrocardiogram Can Record Mechanical Activity Too! *J Emerg Med.* 2024 Jan;66(1):XX–XX. doi:10.1016/j.jemermed.2023.07.014.
13. **Kowsthubha BG, Balamurugan N, Amaravathi U.** Enhanced peritoneal stripe sign – an ultrasound finding in pneumoperitoneum. *Vis J Emerg Med.* 2024 Jul;36(5):102098. doi:10.1016/j.visj.2024.102098
14. Arihant, Shweta , Nathan B Hyperleukocytosis Unveiling in Chronic CML: A Rare Oncological Emergency . 09/03/2024 . Volume 4, Issue 1, (03 - 2024) .
15. **Uthayakumar A, Adole PS, Vinod KV, Nathan B, et al.** Diagnostic utility and association of hemodynamic stress biomarkers with biomarkers of myocardial necrosis and plaque instability in type 2 diabetes with acute coronary syndrome: a case–control study. *Int J Diabetes Dev Ctries*. 2025 Feb;1–9. doi:10.1007/s13410-025-01464-3
16. **Jain A, Singh S, Amrithanand VT.** Hidden peril: Bedside ocular ultrasound unveils globe rupture. *Visual J Emerg Med.* 2024 Apr;35:101974. doi:10.1016/j.visj.2024.101974
17. **Ganessane E, Kowsthubha BG, Amrithanand VT, Muthanikkatt AM, Dinesh V.** The voltage dilemma in electrocardiogram (ECG). *JEM Reports*. 2024 Nov;3(4):100121. doi:10.1016/j.jemrpt.2024.100121
18. **Jain A, Ramesh S, Singh S, Muthanikkatt AM, Amrithanand VT.** Rescuing the heart: HIET in undifferentiated shock from beta-blocker and dapagliflozin. *JEM Reports*. 2025 Mar;4(1):100152. doi:10.1016/j.jemrpt.2025.100152

Publications -- Non-indexed Journals

1. **Ganessane E, Muthanikkatt AM, Ayyan SM.** Emerging trend of acute poisonings presenting to an emergency department in South India. *J Emerg Trauma Shock*. 2024 Feb;17(1):48–49. doi:10.4103/jets.jets_138_23
2. **Dinesh V, Varshini DR, Mohanan AA, Amrithanand VT.** Navigating the storm: A case of severe theophylline toxicity and its management. *Medical Reports*. 2025 Aug; [article 100191]. doi:10.1016/j.hmedic.2025.100191

Book Chapters/Conference Proceedings

1. Drugs commonly used to manage sick patient;Not Antidotes; ISCCM Textbook of Toxicology: Treating the Critically Ill Poisoned Patient.Jaypee Publishers
2. Recreational Drug Poisonng - ISCCM Textbook of Toxicology: Treating the Critically Ill Poisoned Patient.Jaypee Publishers

Articles for General Public / IEC Materials

- IEC materials developed for trauma,chest pain ,stroke
- OROV One village one responder initiative

Book Chapters/Conference Proceedings

1. Drugs commonly used to manage sick patient;Not Antidotes; ISCCM Textbook of Toxicology: Treating the Critically Ill Poisoned Patient.Jaypee Publishers
2. Recreational Drug Poisonng - ISCCM Textbook of Toxicology: Treating the Critically Ill Poisoned Patient.Jaypee Publishers

Articles for General Public / IEC Materials

- IEC materials developed for trauma,chest pain ,stroke
- OROV One village one responder initiative

Department of Endocrinology

Research and Publications

Research Completed

1. **Efficacy of Zoledronate on Incidence of Major Osteoporotic Fractures in Postmenopausal Osteoporotic Women With and Without Diabetes**: There is no significant difference in incident fracture outcome between women with and without diabetes with yearly once Zoledronate over a follow up of 5 years.
2. **Skeletal and Renal changes in chronic post surgical hypoparathyroidism patients-A cross sectional analytical study:** Chronic post-surgical hypoparathyroidism patients show no change in bone microarchitecture or increased risk of symptomatic fractures, despite low bone turnover state.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Sadishkumar Kamalanathan	45 lakhs 10 lakhs 5.4 lakhs 2+2 lakhs	2025-28 2025-28 2025-28 2023-25	ICMR Endocrine Society of India Endocrine Society of India Intramural + Endocrine Society of India
Dr Dukhabandhu Naik	2 lakhs 1.8 lakhs	2025-2027 2025-2027	Endocrine Society of India ESTN
Dr Jayaprakash Sahoo	2 lakhs	2025-2026	Intramural
Dr. Samim Ali Mondal	27 Lakhs (Co-PI)	2025-2028 (3 Years)	Anusandhan National Research Foundation (ANRF)

Publications

1. Kamalanathan S. Glimpses of pheochromocytoma-paraganglioma management through ambulatory blood pressure monitoring window. J Postgrad Med. 2024;70(2):71-72.
2. Giri S, Sahoo J. Advancements in medical treatment for pancreatic neuroendocrine tumors: A beacon of hope. World J Gastroenterol. 2024 Mar 28;30(12):1670-1675.
3. Suryadevara V, Prasad A, Penumadu P, Kamalanathan S. Prudence for Deformity Correction in Surgically Treated Tumour-Induced Osteomalacia Patients. Indian J Endocrinol Metab. 2024;28(3):329-330.
4. Palui R, Ravichandran L, Kamalanathan S, Chapla A, Sahoo J, Narayanan N, Naik D, Thomas N. Clinical, Hormonal, and Genetic Spectrum of 46 XY Disorders of Sexual Development (DSD) Patients. Indian J Pediatr. 2024 May 18.
5. Giri S, Sahoo J, Kamalanathan S, Sebastian A. Coexistence of hypogonadotropic hypogonadism and hypophosphatemic rickets. BMJ Case Rep. 2024 Jul 10; 17(7).
6. Sarma AS, Desai A, Rao M, Sahoo JP, Shivaprasad C, Ranganath P, Lakshmi P, D'Sa L, Dalal A. Functional Characterization of Thyroid Peroxidase Missense Variants Causing Thyroid Dyshormonogenesis in Asian Indian Population. Horm Res Paediatr. 2024 Jul 18;1-9.
7. Palui R, Sridharan K, Sahoo J, Suryadevara V, Kamalanathan S, Naik D, Halanaik D, Durgia H, Raj H. Role of bisphosphonates in hypertrophic osteoarthropathy: a systematic review. Endocrine. 2024 Aug;85(2):883-893.
8. Giri S, Thabah MM, Sahoo J, Naik D. Unilateral adrenal hemorrhage with variable adrenocortical dysfunction.QJM. 2024 Sep 1;117(9):669-67.
9. Narayanan N, Roy A, Merugu C, Kamalanathan S, Sahoo J, Naik D, Nair P. Pseudotumor Cerebri Syndrome Precipitated by Ketoconazole Therapy in a Patient with Persistent Cushing's Disease Following Trans-Sphenoidal Surgery and Radiotherapy. Neurol India. 2025 Feb 19.
10. Roy A, Narayanan N, Merugu C, Sahoo J, Naik D, Kamalanathan S. Hypothalamic Hamartoma and Multiple Pituitary Hormone Deficiency. Neurol India. 2025 Feb 19.
11. Durgia H, Palui R, Sahoo J, Kamalanathan S, Naik D. Role of Anabolic Anti-Osteoporosis Therapy in Diabetes Subjects. Indian J Endocrinol Metab. 2025 Jan-Feb;29(1):32-38.
12. Roy A, Patel D, Merugu C, Kamalanathan S, Sahoo J, Naik D. Acute Myocardial Infarction With Nonobstructive Coronary Arteries Across Endocrine Disorders: A Case Series. JCEM Case Rep. 2025 Mar;3(3):luaf024.
13. Bubak MP, Davidyan A, O'Reilly CL, et al. Metformin treatment results in distinctive skeletal muscle mitochondrial remodeling in rats with different intrinsic aerobic capacities. Aging Cell. 2024;23(9):e14235. doi:10.1111/acel.14235.
14. Hense JD, Garcia DN, Zanini BM, et al. MASLD does not affect fertility and senolytics fail to prevent MASLD progression in male mice. Sci Rep. 2024;14(1):17332. Published 2024 Jul 27. doi:10.1038/s41598-024-67697-0.

Department of ENT

Research and Publications

Research Completed

1. Middle ear function following tympanoplasty - a descriptive study
2. Effect of preoperative and intraoperative parameters on surgical outcomes in pediatric chronic otitis media - a prospective study.
3. A study on the effects of oropharyngeal exercises on snoring in adults.
4. Assessment of acoustic characteristics of speech in patients with bilateral abductor vocal cord paralysis following trans oral carbon dioxide laser posterior cordotomy
5. Descriptive study on airway findings in paediatric patients with extubation failure in intensive care unit in tertiary healthcare
6. Correlation of quality of life tools sf36, snot 20 with lund mackay ct score in patients with chronic sinusitis.
7. A descriptive study of surgical factors affecting melodic contour identification in post-cochlear implant children

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr.Lokesh	50,00,000 INR	5 YEARS	ICMR

Publications--Indexed Journals

1. Devi KJ, Kalaiarasi R, Sivaraman G, Lakra N, Sastry AS. Melioidosis of the parotid gland: lessons learned from a fatal case. *Indian J Otolaryngol Head Neck Surg.* 2025 Jan;77(1):550–2. PMID: 40071022; PMCID: PMC11890897. **Corresponding author**
2. GHH, Raja K, Lokesh P, et al. Assessment of acoustic characteristics of speech in patients with bilateral abductor vocal cord paralysis following transoral carbon dioxide LASER posterior cordotomy. *Indian J Otolaryngol Head Neck Surg.* 2024. **Corresponding author**
3. Gopalakrishnan A, Ganesan S, Lokesh P, Raja K, et al. Do anatomical variations of sphenoid sinus influence sella exposure and residual disease in pituitary surgery? *Int Arch Otorhinolaryngol.* 2024;28(4):e643–9. PMID: 39464366; PMCID: PMC11511458.
4. Raja K, Thangavel S, Lokesh P, et al. Management of disseminated rhinosporidiosis: experience from a single tertiary institution. *Turk Arch Otorhinolaryngol.* 2024;62(2):66–71. PMID available on PubMed.
5. Madoure A, Raja K, Paramasivam S, Gayathri R. Surgical management of solitary lingual rhabdomyoma as an uncommon cause of OSA in an adult. *Indian J Otolaryngol Head Neck Surg.* 2025 Jul;77(7):2662–5. PMID: 40503117; PMCID: PMC12149035. **Corresponding author**
6. Devi KJ, Raja K, Adithan S, Paramasivam S. Congenital cheek salivary fistula associated with aberrant parotid duct system. *Indian J Otolaryngol Head Neck Surg.* 2025 Feb;77(2):1129–32. PMID: 40065952; PMCID: PMC11890460. **Corresponding author**
7. Kumar B, Alexander A, Raja K, Chowdhary S. Facial nerve function and hearing following decompression for traumatic palsy. *Indian J Otolaryngol Head Neck Surg.* 2025 Jan;77(1):311–7. PMID: 40066393; PMCID: PMC11890682.
8. Vishak MS, Surendran AK, Rajkumar A, Raj R, Raja K. Assessing comprehensibility of online tracheostomy care resources. *Indian J Otolaryngol Head Neck Surg.* 2024 Dec;76(6):5793–8. PMID: 39559005; PMCID: PMC11569040.
9. Raja K, Lokesh P, et al. A novel method of management of high output chyle leak following neck dissection. *Indian J Otolaryngol Head Neck Surg.* 2024;76(6):6041–5. PMID available.
10. Mishra T, Penubarthi LK, Ganesan S, Alexander A, Raja K, Kaushal K. Long-term outcomes in pediatric COM. *Indian J Otolaryngol Head Neck Surg.* 2025 Jun;77(6):2375–83. PMID: 40420905; PMCID: PMC12103416.
11. Mitra S, Sahu SK, Lakshminarayanan S, Raja K, VCS. Cascade of cancer care in primary health centres of Puducherry. *Indian J Med Res.* 2024 Nov;160(5):457–65. PMID: 39737516; PMCID: PMC11683496.
12. Lakshmanan J, Ramasamy K, Alexander A, et al. Tumour masquerading juvenile angiofibroma in a female; unveiling glomangiopericytoma—a rare sinonasal histopathology. *BMJ Case Rep CP.* 2024;17:e256667.
13. Sivaraman G, Lakshmanan J, Alexander A, et al. Use of Mini-CEX as formative assessment tool in the training of undergraduate medical students in ENT: situation analysis and the way forward. *Indian J Otolaryngol Head Neck Surg.* 2024;76:2698–703. https://doi.org/10.1007/s12070-023-04461-2

Publications -- Non-indexed Journals

1. Nair NP, Sherry JA, Ganesan S, et al. The wandering obstruction: migratory foreign body in pediatric airway. *J Otorhinolaryngol Head Neck Surg.*
2. Rajkumar MB, Kumaresan M, Olavera H, Jamir I, Sistla S, Raja K, Govindaraj V. An insight into *Eikenella corrodens* infections in humans. *Int J Res Med Sci.* 2024;12(9):3412–8. https://doi.org/10.18203/2320-6012.ijrms20242623
3. Akhtar H, Jamil M, Shunyu NB, Joshi T, Nair NP, Barman E, et al. Validation of revised hearing handicap inventory in Assamese. *Int J Community Med Public Health.* 2025;12(3):1411–7.

Book Chapters/Conference Proceedings

- Daranya G, Kalaiarasi R. Common ENT diseases in childhood. In: *Common Childhood Diseases – Diagnosis, Prevention and Management* (in press). **Corresponding author.**
- Lokesh Kumar, Alexander A, Saxena SK. Laboratory evaluation of vestibular function. In: *India Point of Care – Clinical Key Essentials*. IPOC-D-20-00545. Elsevier Publishers; 2022. (e-page updated September 2024).

Department of Forensic Medicine and Toxicology

Research and Publications

Research Completed

- A project conducted by Dr. Siddhartha Das and Dr. Vikram S titled ***Estimation of thyroid related hormone levels in autopsy cases of mechanical neck compression and traumatic brain injuries*** concluded that Postmortem biochemical analysis plays a vital role in differentiating MNC and TBI. Mechanical neck compression cases showed elevated Free T3 levels, particularly on the right side of heart, indicating an acute ischemic response, while traumatic brain injury (TBI) cases had a significantly lower Free T3 level. Levels of other hormones like T4, TSH, PTH were either low or within the normal range. Tg levels were slightly higher in the mechanical neck compression group and showed a weak correlation with survival time in the TBI group.
- A project conducted by Dr Ambika Prasad Patra and Dr Arya K Anil titled ***Assessment of the profile of injury and it's accident characteristics among riders of motorised two-wheeler in a tertiary health centre in South India*** concluded that the findings from the project emphasize the critical need for Mandatory usage of safety standard helmets among riders and co-riders of two-wheelers. Restriction of mobile phone usage and strict adherence to speed limits. Strict implementation and enforcement of traffic laws to mitigate the high incidence of fatalities. Safety measures like front leg crash guards, and safety gear jackets should be promoted. Use of reflective clothing and accessories at night/ low lighting conditions. The establishment of efficient ambulance services and advanced emergency trauma care centres can decrease mortality in the early hours of trauma.
- A project conducted by Dr. Vinod Ashok Chaudhari and Dr. Kavin titled ***Estimation of postmortem interval from biochemical analysis of vitreous and plasma markers at tertiary care centre in South India*** concluded that the serum and vitreous biochemical markers, specifically urea, uric acid, CK-Total, and CK-MB holds significant value in precisely determining the postmortem interval (PMI). Including cold chamber duration as an additional variable in multiple linear regression models significantly improved prediction accuracy, with serum-based models demonstrating higher accuracy. These findings endorse biochemical analysis as a reliable alternative to conventional methods, facilitating more accurate and reproducible techniques in forensic PMI estimation.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount (INR)	Period of Grant	Grant Agency
Dr. Kusa Kumar Saha Dr. Ambika Prasad Patra	6,78,974/-	01-Nov 2023- 31- Oct - 2026	Extramural - Indian Council of Medical Research (ICMR), New Delhi
Dr. Siddhartha Das	2,00,000/-	Feb 2023-Jan 2025	Intramural
Dr. Siddhartha Das	1,10,000/-	Feb 2024 – Jan 2026	Intramural

Name of the Faculty	Amount (INR)	Period of Grant	Grant Agency
Dr. Ambika Prasad Patra	50,641/-	Jan 2023 – July 2025	Intramural
Dr. Ambika Prasad Patra	2,00,000/-	July 2024 – Jan 2027	Intramural
Dr. Vinod Ashok Chaudhari	1,11,000	July 2022 to July 2024	Intramural
Dr. Vinod Ashok Chaudhari	2,00,000	June 2023 to June 2025	Intramural
Dr. Vinod Ashok Chaudhari	2,00,000	June 2024 June 2026	Intramural

Patents applied for / awarded:

- **Patents Registered:** The Innovation of Dr Ambika Prasad Patra titled An Automated System and Method for Real-Time Determination of Death Interval registered with Indian Patent Office [No. 202341075404/Reviewed 25/01/2025] and now applied for the International Patent registration.
- **Copyright Registration:** The Innovation of Dr Ambika Prasad Patra titled "Death Time Calculator (DTC, Version 1.0), the literary work on a computer-based program was submitted and registered by Copyright Office of India [No. XIV/ 5178/2025-CO/SW/ 181938 dated 14/02/2025]

Publications--Indexed Journals

1. **Das S**, Arya KA, Badhe BA, Shanmugam D, Vikram S. Botanical elixirs: a rare case of suicidal poisoning with a flower stimulant. J Forensic Med Toxicol. 2025;42(1):159-163. Doi: 10.48165/ jfmt.2025.42.1.25.
2. Nagappan R, **Das S, Chaudhari VA**, Jinkala S, Harichandrakumar KT. Post-mortem utility of Neuron Specific Enolase (NSE) and Calcium Binding Protein B (S100B) for differentiating traumatic brain injury from other causes of death. Int J Legal Med. 2025;139:95-103. Doi: https://doi.org/10.1007/ s00414-024-03332-x.
3. **Das S,** Priyadharsan S, Nagaraj A, **Chaudhari VA**, Sathish K, Pan AK. Fatality following Deliberate Ingestion of a Chemical Hardener: Two Case Reports of Methyl Ethyl Ketone Peroxide Poisoning. J Indian Acad Forensic Med. 2024;46(1-Suppl):177-80
4. **Das S.** Thanatochemistry and its application in forensic practice. J Indian Acad Forensic Med. 2024;46(2-Suppl):311-312.
5. Lenin V, **Das S**, Sunitha VC, Ganapathy S, Sahoo PP. Sex estimation from mandibular morphometry using discriminant analysis–CT scan based retrospective study. Forensic Imaging. 2024;38:200603. Doi: https://doi.org/10.1016/j.fri.2024.200603.
6. **Patra**, A. P., Rajeswari, K. R., **Chaudhari, V**., & Balamurugan, N. (2024). Comparison of Clinical and Radiological Diagnosis with Autopsy Findings in Fatal Traffic Accident Cases. Qeios. https://doi.org/10.32388/TJ22UQ.2
7. **Patra AP**, Singh S. Comparison of Regression analysis and Mathematical methods for Stature estimation from the Upper limb measurements of the Modern South Indian Population. Journal of the Anthropological Survey of India 2024;1(16): 1-16 https://doi.org/10.1177/2277436X241242532
8. **Patra AP**, Priyadharsan S, **Das S**, Balasubramaniyan, Rajeswari M. Correlation of proinflammatory cytokine biomarkers (interleukin-1β, interleukin-6, tumor necrosis factor-α) levels in human skin wounds with known wound age. J Forensic Med Toxicol. 2025 Apr;42(1):12–18. doi:10.48165/jfmt.2025.42.1.3
9. **Patra AP**. Recent advances in nanotoxicology technology in treating delayed poisoning cases. Arch Clin Toxicol. 2024;6(1):1-3.doi:10.46439/ toxicology.6.025
10. **Chaudhari VA**, Ashok N, Das S, Patil AB, Sahu SK. Suicidal hanging: a five-year analysis at a tertiary health center in South India. J Forensic Med Tox. 2024;41(1):5-10. DOI: 10.48165/jfmt.2024.41.1.2
11. Ghosh AK, **Chaudhari VA**, Joseph NM, Shaha KK. The prevalence of pulmonary and extrapulmonary tuberculosis in forensic autopsies in a teaching hospital in South India. J Family Med Prim Care. 2024;13(4):1434-9. DOI: 10.4103/jfmpc. jfmpc_1412_23
12. Vaishnavi M, **Chaudhari VA**, Adithan S, Singh J. Sexual dimorphism of maxillary sinus dimensions and bizygomatic distance using CT scan in the South Indian population. J Forensic Med Tox. 2024;41(1):26-31. DOI: 10.48165/jfmt.2024.41.1.6
13. Mathew D, **Chaudhari VA**, Kaur K, Kaur J. Fatal pneumopericardium in a road traffic accident: An uncommon contributor to death in the presence of traumatic brain injury. J Forensic Legal Med. 2025;112:102851.
14. Pan AK, Vikram S, **Chaudhari VA**, **Patra AP**, Priyadharsan S. Fatal Cattle Attacks - An Occupational Hazard among Cattle Rearers. J Forensic Med Tox. 2024;41(2):246-50.
15. Bhuyan B, Hansda M, Swain R, Sahu G, **Naveen A**. Mortality Profile of Autopsied Geriatric Population:

A Retrospective Study from Eastern India. Journal of Indian Academy of Forensic Medicine. 2024;46(2):238-241.

Publications -- Non-indexed Journals

Nil

Book Chapters/Conference Proceedings

- *Menezes RG, Atreya A., Madadin M., **Das S.** Deaths: Dowry Killings. In: Payne-James J, Byard RW (Eds.), Encyclopedia of Forensic and Legal Medicine. 2025. Third edition, vol. 2, pp. 81–89. UK: Elsevier. https://dx.doi.org/10.1016/B978-0-443-21441-7.00052-2.*
- *Dr* Ambika Prasad Patra *Contributed a textbook Chapter titled "Modern Autopsy Techniques and Safe Morgue Practices" for the popular textbook series on Forensic Medicine & Toxicology 'Recent Advances in Forensic Medicine & Toxicology" Volume 4 by Prof. Dr. Gautam Biswas*

Books Published

- Patra AP. Thanatochemistry of Protected Body Fluids. Thanatochemistry of Protected Body Fluids: A Promising Tool for Death Investigators. Eliva Press SRL: Chisinau, Moldova, Europe; 2024. Doi: https://doi.org/10.5281/zenodo.13622527

Department of Geriatric Medicine

Research and Publications

Research Completed

a. Assessing prevalence of Intrinsic Capacity among community dwelling older adults of Puducherry – Funded by ICMR

b. Harmonized Diagnostic Assessment of Dementia (DAD) for Longitudinal Aging Study in India (LASI) – Wave 2 – Funded by National Institutes of Health / National Institute of Ageing, USA – multi-centre study

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Venugopalan G	Rs. 11,36,961	01.03.2023 to 31.08.2024	ICMR

Publications--Indexed Journals :

a. Priyadarshini R, Eerike M, Varatharajan S, Ramaswamy G, Raj GM, Cherian JJ, Rajendran P, **Gunasekaran V**, Rao SV, Konda VGR. Assessing the Efficacy of the ARMOR Tool-Based Deprescribing Intervention for Fall Risk Reduction in Older Patients Taking Fall Risk-Increasing Drugs (DeFRID Trial): Protocol for a Randomized Controlled Trial. JMIR Res Protoc. 2024 Jun 11;13:e55638. doi: 10.2196/55638. PMID: 38861709; PMCID: PMC11200035.

b. Khobragade PY, Petrosyan S, Dey S, Dey AB, Lee J; **LASI-DAD Authorship Team**. Design and methodology of the harmonized diagnostic assessment of dementia for the longitudinal aging study in India: Wave 2. J Am Geriatr Soc. 2024 Oct 31. doi: 10.1111/jgs.19252. Epub ahead of print. PMID: 39482079

Department of Medicine

Research and Publications

Research Completed

1. **False-positive whole blood clotting test in patients with snakebite: An evaluation of three alternative tests**

   Conclusions: Nearly three-fourths of abnormal 20-minute whole blood clotting test (WBCT20) results encountered in routine practice were false-positives, without evidence of venom-induced consumption coagulopathy (VICC) when tested in the laboratory. False-positive results could be reduced by implementing a simple standardised WBCT20 testing procedure. Point-of-care international normalized ratio (POC-INR) testing is a potential bedside test to identify VICC, but with the inherent limitations of the method in the presence of low fibrinogen levels. The sensitivity of capillary blood clotting test was suboptimal for detecting VICC. We concluded that in snakebite patients with an abnormal WBCT20 at presentation, but no clinical signs of envenomation, alternate bedside tests should be considered to identify VICC, to prevent wasteful of antivenom.

2. **Clinical outcomes in patients with emphysematous pyelonephritis: a prospective observational study**.

Conclusions: In patients with emphysematous pyelonephritis, urological drainage interventions were often required, along with sensitive antibiotic therapy for nearly 4 weeks or more. Despite these measures, short-term mortality remained high (24.3%), that is almost one-fourth of the study population. Male sex, increasing CT severity score, presence of chronic kidney disease, higher respiratory rate, higher SOFA and Charlson comorbidity indices, elevated serum urea and total leucocyte count, hypalbuminaemia and profound hyponatremia were the factors associated with mortality.

3. **Platelet to lymphocyte ratio as a predictor of outcome in patients with acute ischemic stroke- A prospective cohort study.**

   Conclusions: PLR is a cost-effective and readily available biomarker that predicts functional outcomes in stroke patients. Even after accounting for NIHSS's impact on outcomes, PLR remains a marginal yet a significant predictor of unfavourable outcomes. We recommend a PLR cutoff of 137.2, above which the chance of unfavourable outcomes doubles. Integrating PLR into clinical practice, alongside NIHSS, can enhance decision-making, optimize resource allocation, and ultimately improve patient outcomes.

4. **Efficacy of adding peg Filgrastim to Immunosuppressive therapy in aplastic anemia**

   Conclusion: This study compared the response rate to adding peg filgrastim to IST. This was a randomised controlled trial (RCT) and included 60 patients. Conclusion - There was no added benefit in combining peg filgrastim with IST

5. **Diagnostic utility of urinary netrin-1 in patients with type 2 diabetic nephropathy and its correlation with renal function**

   Conclusion: Urinary netrin-1 levels were elevated in type 2 diabetic patients with microalbuminuria and macroalbuminuria compared to non-diabetic subjects. However, compared to non-diabetic subjects, urinary netrin-1 levels were not significantly elevated in diabetic patients with normoalbuminuria. Urinary netrin-1 showed a strong positive correlation with urine albumin-creatinine ratio (UACR) and no significant correlation with estimated glomerular filtration rate (eGFR) and serum creatinine in diabetic patients.

6. **Prognostic value of DCTA, ALBI, ORTHOEDEMA Scores in Predicting Length OF Hospital stay, Mortality, and Readmission rates in Acute Heart Failure patients Cohort study**.

   Conclusion: DCTA score demonstrated the highest accuracy for predicting length of hospital stay and 3-month mortality, whereas ALBI score demonstrated the highest accuracy for predicting in-hospital mortality and readmission rate. The overall predictive performance of all three scores was limited, especially in predicting readmission and the 3-month mortality rate. Due to its dependence on subjective assessments, the ORTHOEDEMA score might be prone to inter-observer variability, particularly contributing to its lower predictive accuracy. Further research in diverse population groups is warranted to refine these scoring systems in guiding patient management decisions for Acute Heart Failure.

7. **Prevalence and Classification of pulmonary hypertension in chronic kidney disease**

   Conclusion: More than one-third of the study population had pulmonary hypertension, the most common cause being cardiogenic (secondary to left heart disease). Eight per cent had PH attributable to CKD alone-Class 5, according to WHO. Due to lack of sleep studies and V/Q scan a small proportion of other classes may have been missed. Given the complexity of both conditions, it is essential to consider the potential for PH in CKD patients, particularly those with advanced stages of kidney disease or other cardiovascular risk factors.

8. **Efficacy of Cefoperazone-Sulbactam Versus Ceftriaxone in the Early Resolution of Spontaneous Bacterial: A Randomized Controlled Trial**

   Conclusion: In this study, 68 participants with spontaneous bacterial peritonitis (SBP) were enrolled and treated with either ceftriaxone or cefoperazone -sulbactam and the treatment outcomes were compared. Both ceftriaxone and cefoperazone-sulbactam groups exhibited comparable efficacy in treatment outcomes. At the 90-day follow-up, mortality rates were similar between the ceftriaxone and cefoperazone-sulbactam groups.

9. **Clinical Profile and Outcome of Hospitalized Patients with Persistent Altered Mental Status**.

   Conclusion: The most common etiological causes were neurological diseases, in which meningitis, encephalitis and stroke were the most prevalent. CT brain, when done at the time of presentation was diagnostic in a majority of the patients with stroke, however was not contributory towards the diagnosis in other neurological and non-neurological diseases. Overall, a high mortality was observed among the study population. The patients who had neurological infections and stroke were found to have a worse functional status on follow-up and a higher mortality. The mortality was significantly higher among males and those who consumed alcohol. (JUL 2024).

10. **Identification of Phenotypic Clusters in Sepsis**.

Conclusion: This is one of the first few prospective studies on cluster analysis on sepsis patients in an Indian population. Twelve phenotypically distinct clusters were identified among the 400 patients enrolled. Higher mortality was noted in middle aged, diabetic females with urinary tract infection and culture proven bacteremia while middle-aged males, with no history of diabetes, hypertension, CKD or coronary artery disease, presenting with undifferentiated febrile illness with no evidence of bacteremia, had the least mortality. The APACHE II score was compared to the actual mortality rate, and certain clusters showed better mortality prediction. (DEC 2024)

11. **Utility of Serum Prolactin Levels as a Marker for Disease Severity and Short-Term Prognosis in Patients with Cirrhosis: A Prospective Observational Study.**

Conclusion: Serum prolactin levels significantly correlated with the severity of cirrhosis and also effectively predicted short-term mortality. Prolactin may offer a non-invasive and cost-effective adjunct for severity assessment and short-term prognosis in cirrhosis.

12. **Association of conventional and extended lipid profiles with plaque burden in statin-naïve patients with acute coronary syndrome– a prospective observational study from South India**

Conclusion: TC/HDL, LDL/HDL ratios, and apoB levels were correlated with higher plaque burden. We found that conventional lipid profiles remain sufficient for cardiovascular risk assessment (CRA). However, apoB has the advantage as a single marker for atherogenesis and it could be used as a valuable alternative to monitor and assess cardiovascular risk.

13. **Effect of a Procalcitonin based algorithm on the duration of antibiotic therapy and outcome in patients with uncomplicated bacterial infections: A Randomised control trial**

Conclusion: In this randomized control study that was conducted in a resource-limited setting, there was no significant difference in the total duration of antibiotics between the usual care and a serum procalcitonin guided algorithm. The outcome at 30 days was comparable between the groups.

14. **Prevalence and predictors of post thrombotic syndrome in patients with lower extremity deep vein thrombosis**

Conclusion: Nearly two-thirds of 243 patients with proximal lower extremity deep vein thrombosis enrolled in this ambi spective observational study showed features suggestive of post-thrombotic syndrome (PTS). One fifth of patients with PTS had severe PTS. Overweight/ obesity status (BMI $\geq$ 23 kg/m^2), prior ipsilateral DVT and incomplete recanalization of the affected veins (on doppler ultrasound study) were significantly associated with risk of PTS. Inadequate anticoagulation with vitamin K antagonists (VKAs) during treatment period was also associated with risk of PTS. Considering the high burden of PTS among patients with DVT, studies should be conducted in future to evaluate measures to reduce the risk of PTS among DVT patients. Adequacy of anticoagulation with VKAs should be ensured during the treatment period to reduce the risk of PTS.

15. **Antimicrobial susceptibility and antibiotic utilization pattern in gram-positive cocci infections:**

Conclusion: We enrolled 268 patients who had grown a gram-positive coccus from a clinical sample. 1/4th of the patients was admitted to ICU and 1/4th was hospital- acquired. The most common organism in this study of infections with gram positive cocci was S. aureus (56%). The common foci were CRBSI (37%), SSTIs (21%) and UTI (10%). If we consider only gram-positive cocci from each of the sites, CRBSI and SSTIs were most commonly caused by S. aureus (65% and 82% respectively) and UTIs were most commonly caused by enterococci species (74%). 28% of the S. aureus were MRSA. MRSA coverage was given as part of empirical therapy in 18% of patients. Since more than 80% of isolates of MSSA and MRSA were sensitive to tetracycline and cotrimoxazole, they could be used for non-serious Staph aureus infections, both MSSA and MRSA. Among the enterococci, susceptibility to ampicillin, penicillin, and high-level gentamicin were less than 20% for Enterococcus faecium and more than 80% for Enterococcus faecalis. There were 21 pneumococcal isolates. If non-meningeal cut-off is used penicillin susceptibility was 100%, and ceftriaxone susceptibility was 90%. Using meningeal cut- off, penicillin susceptibility was only 16% and ceftriaxone susceptibility was 84%. Using meningeal cut-off, ceftriaxone susceptibility was only 84%. So, for empirical therapy of pyogenic meningitis, the addition of vancomycin to ceftriaxone is warranted.

16. **Comparison of cerebral venous thrombosis older vs younger patients**.

Conclusion: Older patients had more Hemorrhagic transformation of infarcts. They had severe altered mental status compared to younger ones. They also had higher mortality rates and poorer outcomes both at discharge and 6 months follow up.

17. **Retrospective and Prospective Analysis of Platelet Response to Splenectomy in Immune Thrombocytopenic Purpura.**

    Conclusion: Platelet response was studied for patients of ITP who underwent splenectomy. 86.7% of patients were responders. Age, gender, duration of disease before splenectomy, duration of steroid treatment before splenectomy and platelet counts before splenectomy had no association with platelet response after splenectomy. At one year follow-up period after splenectomy, 75% had sustained response. The median duration of response in our study was 3 years. In those requiring further treatment after splenectomy due to lack or loss of response, Azathioprine, Prednisolone, Eltrombopag and Danazol were used. Among these, Azathioprine with Prednisolone was the most used combination. Splenectomy could be considered a second-line treatment in patients with ITP, considering the durability of the platelet response. However, further studies with a longer duration of follow-up and randomized controlled trials comparing different second-line options would enable better decision-making in practice.

18. **Proportion of total occlusion in patient with NSTEMI : ECG corelation**

    Conclusion: Elevated troponin was observed more in the OMI group. The Right coronary artery and left circumflex artery were the commonly affected vessels in OMI group. Further research is needed to identify ECG indicators of occlusion myocardial infarction. Early identification of occlusion MI in NSTEMI patients based on biomarkers and ECG indicators can guide early revascularization therapy and potentially reduce overall mortality and morbidity.

19. **Discriminative accuracy of Controlling Nutritional Status (CONUT) score in predicting mortality of hospitalized general medical patients: a prospective observational study.**

    Conclusion: In a population of hospitalized general medical patients in a tertiary care center of a developing country, in hospital and 1 month post discharge mortality was seen in 17% of study population. As per univariate analysis, advanced age, higher Charlson comorbidity index, higher NEWS2 score, lower body mass index, higher serum creatinine, higher CONUT score, moderate and severe malnourishment as per SGA, admission into ICU, requirement of mechanical ventilation, requirement of vasopressor during hospital stay and presence of acute kidney injury were associated with mortality. However, after adjusting for covariates, only CONUT score and NEWS2 score were found to be independent predictors of mortality. Thus, CONUT score showed independent association in predicting mortality in hospitalized general medical patients.

20. **Frequency and clinical significance of serum procalcitonin elevation in patients with local swelling following snakebites.**

    Conclusion: In this study of 41 patients with snakebite envenomation, about 25–30% of patients had serum procalcitonin (PCT) levels ≥2 ng/ml either at presentation or at 48 hours later. Systemic envenomation per se and antivenom treatment seem to be related to the elevated PCT levels. Therefore, snakebite envenomation needs to be considered as an important cause for false-positive PCT elevation. Also, decision to initiate antibiotic treatment should not be made based on a single elevated PCT level, however high it may be, in patients with snakebite envenomation.

21. **Clinical profile of patients with Diabetes Mellitus and pancreatic calcification.**

    Conclusion: This study was done to know the incidence of pancreatic calcification in young lean diabetics. Of the 120 patients, 50 has calcification. These patients had poor glycemic control, increased infections and diabetic emergencies as compared to those without calcification.

22. **Acute Kidney Injury (AKI) following Viper Snake envenomation – An Analytical study from a tertiary care referral hospital in South India.**

    Conclusion: SBE-AKI, is a common complication of snakebite with multifactorial causation. Age, capillary leak syndrome, presence of schistocytes in peripheral blood and elevated WBC count were associated with higher risk of AKI. ATN and interstitial nephritis were the most common histopathologies found in renal biopsy. Corticosteroids in interstitial nephritis is likely to hasten recovery, hence there is an urgent need to evaluate and define the role of early kidney biopsy in such cases.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount in INR	Period of Grant	Grant Agency
Dr. M. Vivekanandan	2,97,997	2022-2024	
Dr. M. Vivekanandan	14600	2023-2024	JIPMER

Name of the Faculty	Amount in INR	Period of Grant	Grant Agency
Dr T. Kadhiravan	31,16,065	2024-25	ICMR-NIRT
Dr Mukta Wyawahare	3,05,612	2024-25	ICMR
Dr. Stalin Viswanathan	35,37,000	2023-2025	DHR
Dr K Balamurugesan	200000	2024-25	JIPMER Intramural
Dr. Venkateswaran R	61,38,171	2022-2025	ICMR
Dr. Ramadoss R	1,70,000	2024-2026	JIPMER
Dr. Ramadoss R	1,67,69,614	2024-2025	ICMR
Dr. Ramadoss R	2,03,000	2024-2025	WHO, India

Publications--Indexed Journals

1. Vishnu KS, **Dineshbabu S, Kadhiravan T**. Functional Disability at 3 Months in Patients with Residual Limb Swelling after Snakebite Envenoming. Am J Trop Med Hyg. 2024;111:1142-4.
2. Thyagaraju P, Mandal J, Pari Thenmozhi H, **Deepanjali S**. Pyuria in hospitalized general medical patients without urinary tract infection. F1000Res. 2024 May 22;13:291.
3. Javath Hussain S, **Deepanjali S**, Munuswamy H. Clinical predictors of warfarin-associated bleeding: A case-control study. Trop Doct. 2025 Jan;55(1:5-10
4. Mathew D, Naveen A, **Malayil Bindu I**, Nambiar K, Pandyan KS: The hidden pathology: An autopsy diagnosis of unsuspected juvenile systemic lupus erythematosus. J Forensic Sci. 2025; 00: 1-7.
5. **Amalnath SD**, Jothivanan, Oshima J, Buchan JG, Paolucci S. Woodhouse-Sakati syndrome in an Indian patient with a novel pathogenic variant. Am J Med Genet A. 2024 Jan;194(1):100-102.
6. Saibaba J, Selvaraj J, **Viswanathan S, Pillai V**. CANVAS syndrome- An association with JAK2-positive+ polycythemia vera and myelofibrosis. Ochsner Journal 2025; 25(1):50-53. doi: 10.31486/toj.24.0056.
7. Janardhanan A, Selvaraj J, **Viswanathan S, Pillai V**. Coexistent tuberculosis and pulmonary embolism: double trouble. Indian J Med Spec 2025; 16(1):71-73.
8. Yalavarthy YM, **Viswanathan S,** Selvaraj J. Burden and outcomes of chronic kidney disease in patients presenting with a hypertensive crisis. Turk J Nephrol. 2025;34(1):27-36
9. Sai Spandana G, **Viswanathan S,** Barathi SD, Selvaraj J. Etiology and Outcomes in Patients With Chronic Kidney Disease and Ascites. Cureus 2024; 16(7): e64113. doi:10.7759/cureus.64113
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Perfusion Blood Volume as a predictor of 28-day Mortality in Acute Pulmonary Thromboembolism - A prospective study. Lung India. 2025 Jan 1;42(1):4-10.

19. Dhanush M, **Vinod KV**, Manivannan P, Adole PS, Govindan D. Daily Versus Alternate Day Oral Iron Replacement for Women with Iron Deficiency Anaemia: A Randomized Controlled Trial. Indian J Hematol Blood Transfus. 2025;41(2):245-251. doi: 10.1007/s12288-024-01816-9.
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Publications -- Non-indexed Journals

1. Vairappan B, Kumar R, **Wyawahare M.** Zonula occludens 1 as a novel biomarker in decompensated alcoholic cirrhosis with hepatorenal syndrome. ExplorDig Dis. 2025;4:100574.
2. Jayaseelan V, Kar SS, Duraiswamy M, Rajaram M, Menon V, **Wyawahare M** et al.New-onset Diabetes Mellitus among adults as sequelae of COVID-19 in selected tertiary care hospital, Puducherry – A cohort study.Clinical Epidemiology and Global Health, 2025;31:101897.
3. **Wyawahare M**. How to Peer Review for Scientific Journals?. International Journal of Advanced Medical and Health Research,2024;11(1):69-75. | DOI: 10.4103/ijamr.ijamr_77_24

Department of Medical Gastroenterology

Research and Publications

Research Completed in 2024-25

Assessment of the profile of the anorectal symptoms, manometry findings and colonic transit time among the patients undergone minimally invasive sphincter preserving surgery for rectal cancer

In this study, we looked for post-sphincter preserving surgery bowel dysfunction in patients with rectal malignancy, focusing on the impact of NACTRT, surgical techniques, peri-operative variables, and anorectal manometry findings. We found that NACTRT, robotic surgery, and specific anastomosis methods significantly influence bowel function outcomes such as altered stool consistency, stool frequency, painful defecation, soiling, urgency, and emptying difficulties. The anorectal manometry results showed significant differences between surgical techniques and patient groups in basal pressures, squeeze pressures, defecation indices, and sensory thresholds. Robotic surgery, although associated with improved visualization and precise dissection, leads to higher rates of bowel dysfunction compared to laparoscopic surgery. At the same time, hand-sewn anastomosis showed better sphincter control than stapled anastomosis. Additionally, side-to-end and coloanal anastomoses are associated with worse functional outcomes than straight colorectal anastomosis. This study highlights the importance of considering individual patient factors, surgical technique, and timing of interventions in optimizing postoperative bowel function. The detailed anorectal manometry findings provide insights into the functional impairments and highlight the need for tailored postoperative management strategies.

Characteristics of Magnification Endoscopy with Narrow Band Imaging and their Association with Histology of Various Gastric Lesions Among Patients Evaluated for Dyspepsia - A Cross-Sectional Study

This study was done to identify the different endoscopic findings in the south Indian population with dyspepsia using a magnification white light endoscopy and narrow band imaging (NBI). The association between the various endoscopic findings on white light and NBI and their histology was also studied. The study found that epigastric pain was the predominant symptom in patients presenting with dyspepsia. H. pylori was detected in 27.2% of dyspepsia. The findings of enlarged gastric pit and absence of regular arrangement of collecting venules (RAC) had a good overall accuracy for the presence of H. pylori gastritis. NBI findings of Light

Blue Crest, Ridge/Tubulovillous pattern, and White Opaque Substance had an excellent overall accuracy in excess of 90% for diagnosis of intestinal metaplasia. The endoscopic findings obtained in white light as well as NBI showed a significant association with H. pylori gastritis.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Senthamizh Selvan	Rs. 2,00,000	2023-2025	Intramural, JIPMER
Dr. Senthamizh Selvan	Rs. 2,00,000	2024-2026	Intramural, JIPMER
Dr. Pazhanivel Mohan	Rs. 2,00,000	2023-2025	Intramural, JIPMER
Dr. Pazhanivel Mohan	Rs. 242000	2023-25	Sponsored Clinical trial - Zydus Health Sciences

Publications--Indexed Journals

- Prajapati SK, Senthamizhselvan K, Murugesan R, Mohan P. Spectrum of esophageal manometry and 24-h pH impedance findings in non-erosive gastroesophageal reflux disease and response to phenotype-based treatment-A prospective observational study. Indian J Gastroenterol. Published online August 21, 2024. doi:10.1007/s12664-024-01659-2
- Azam MB, Senthamizhselvan K, Mohan P, Ramkumar G. Utility of spleen volume to body mass index ratio in Crohn's disease-A retrospective cohort study. Indian J Gastroenterol. Published online November 7, 2024. doi:10.1007/s12664-024-01704-0
- Prajapati SK, Senthamizhselvan K, Murugesan R, Mohan P. Utility of proximal mean nocturnal basal impedance in gastroesophageal reflux disease-A preliminary experience. Indian J Gastroenterol. Published online April 15, 2024. doi:10.1007/s12664-024-01573-7
- Azam MB, Senthamizhselvan K, Jose A, Govindarajalou R. Sclerosing mesenteritis as a cause of porto-mesenteric vascular obstruction. BMJ Case Rep. 2024;17(8):e260802. Published 2024 Aug 14. doi:10.1136/bcr-2024-260802
- Sirasapalli SK, Senthamizhselvan K, Murugan R, Govindarajalou R. Pill-induced esophagitis masquerading esophageal tuberculosis. BMJ Case Rep. 2025;18(1):e263475.

Conference proceedings:

- Mohamed Bilal Azam, Mamidala R. V. Chandra, Pazhanivel Mohan, K. Senthamizh Selvan1, K. G. Chengappa Clinical and High-resolution Manometry Assessment of Anorectal Function in Systemic Sclerosis in South India.

  (Abstracts (Original Papers) Presented at the Annual Meeting of the Tamil Nadu Chapter of the Indian Society of Gastroenterology in Madurai in February 2024. Gastroenterology, Hepatology and Endoscopy Practice 4(3):p 113-122, Jul–Sep 2024. | DOI: 10.4103/ghep.ghep_10_24)
- Mankare Sudhir, Pazhanivel Mohan, K. Senthamizh Selvan, S. Siva Krishna. Dysphagia in a Middle-aged Woman: Relevance of Clinical History Taking.

  (Conference Abstracts - Case Reports. Gastroenterology, Hepatology and Endoscopy Practice 4(3):p 127-139, Jul–Sep 2024. | DOI: 10.4103/ghep.ghep_8_24)
- Mamidala RV Chandra, Kuppusamy Senthamizhselvan, Pazhanivel Mohan, Kalayarasan Raja, Rajeswari Murugesan. Prevalence and predictive factors associated with bowel dysfunction after robotic low anterior resection – A prospective study from South India.

  (65th Annual Conference of the Indian Society of Gastroenterology, ISGCON 2024 - December 4th - 7th, 2024, Varanasi. Indian J Gastroenterol. 2024 Dec;43(Suppl 1):1-184. doi: 10.1007/s12664-024-01700-4)

Department of Medical Oncology

Research activities: We have been awarded and started around 20 extramurally funded projects in the last 5 years with total sanctioned funding of over Rs. 25 crores. We are the lead center for several multi-center national research programs. We lead a network of oncology centres (NOCI) that collaborate in several multicentre studies through support from the Biotechnology Industry Research Assistance Council (BIRAC) since

2019. We are leading a massive 900 patient gastric cancer trial with over 20 national centres participating in the study (supported by DHR funding). We have enrolled patients in 8 separate regulatory clinical trials thus expanding patient access to state-of-the-art cancer therapies.

Research completed in 2024-2025

Analyzing Pattern, Risk Factors, Treatment Course and Outcomes of Recurrent Colorectal Cancer: A Retrospective and Nested Control Study Despite treatment advances, survival post-recurrence remains limited. These findings underscore the need for improved surgical quality, risk-adapted surveillance, and lifestyle interventions to improve long-term outcomes in colorectal cancer survivors.

Bridging the Gaps in Cancer Follow-up: Evaluating Teleconsultation Acceptance Among Survivors Despite limited prior exposure, most survivors showed openness to remote follow-up. Findings emphasize the acceptability of nurse-assisted teleconsultation models, underscoring the need for patient education and digital literacy support to optimize cancer follow-up care in low-resource settings.

"Efficacy of Weekly Paclitaxel with Fixed Dose of Oral Cyclophosphamide as Metronomic Chemotherapy in Locally Advanced and Metastatic Gastric Carcinoma: A Phase 2 Study" The metronomic regimen demonstrated a modest survival benefit with manageable toxicity in patients unfit for SOC therapies. Although not superior to established regimens, it offers a low-cost, tolerable alternative for select patients. Further research with larger cohorts is recommended.

Observational study on the "Toxicity of time" in patients with cancer receiving chemotherapy. Significant time is spent in each cycle of chemotherapy- more studies needed to understand the impact on quality of life and also to compare the "time toxicity" vis a vis "life prolongation by the therapy itself".

Autophagy as a Target for Therapy in Ovarian Cancer: A Phase II Randomized Trial with Biomarker Correlation HCQ addition did not improve outcomes. Future trials should explore better autophagy inhibitors or biomarker-based patient selection. Ascitic fluid analysis offers non-invasive insights into ovarian cancer biology, warranting further research for improved management strategies

Efficacy and safety of Pyridoxine as add-on therapy in prevention of chemotherapy induced nausea and vomiting in patients of Cancer Breast receiving Epirubicin and Cyclophosphamide (PiN study): A Phase II, single arm study A 5-drug pyridoxine containing CINV-prophylaxis regimen was safe and achieved a meaningful 67% "no nausea" rate in patients receiving HEC. Complete responses to emesis was very high. This is one of the highest "no nausea" rates achieved in this population. A randomised trial is planned to confirm the effect.

Prevalence of gustatory function abnormalities among cancer patients receiving chemotherapy: An observational study using "taste strips" Chemotherapy caused reduction in taste perception sweet +salty sensations affected> sour/ bitter. This study establishes important baseline data for future interventional studies

Grants obtained (Intramural and extramural):

Title		Funding Agency	Grant amount	Duration and Date of start
As Principal Investigator				
Dr. Smita Kayal	Integrated analysis of epigenetic, protein expression and metabolic mechanisms of drug resistance in relation to apoptotic pathway in acute lymphoblastic leukemia	ICMR	Rs 44,27,895	3 years, April 2021 Aug 2024
Dr. Smita Kayal	Understanding the Immune-regulatory pathways in Acute Myeloid Leukemia with relation to Vitamin D and their association with Clinical Outcomes	DST-SERB	INR 39,16,000	3 years, Jan 2022 Jan 2025

	Title	Funding Agency	Grant amount	Duration and Date of start
Dr. Smita Kayal	Carboplatin in patients with metastatic castrate-resistant prostate cancer (mCRPC) harboring somatic or germline homologous recombination repair (HRR) gene mu-tations: A phase II single-arm trial	ICMR	INR 60,09,144	3 years, Started Oct 2023
Dr. Smita Kayal	Indian Childhood Acute Promyelocytic Leukemia Study (I-ChAMPs)	Cankids, India [Srinivas Cankids APML Fund] & Indian Pediatric Hemato - Oncology Group (INPHOG)	Approx. Rs. 60 lakhs (for support of manpower at coordinating and high volume centers)	5 years, Started Mar 2024
Dr. Smita Kayal	Novel and optimized de-intensified induction therapy in Acute Myeloid Leukemia	DBT/Wellcome Trust India Alliance (Team Science Grant)	Rs 68,91,568.20 (Budget for JIPMER) Total budget: 9.9 Cr	5 years, Started Mar 2024
Dr. Smita Kayal	Implementation and Assessment of an Innovative Tele-Consultation Program Designed for Local Need-based Cancer Survivorship Care	ICMR	Rs 1.5 Cr	3 years, Started Jun 2024
Dr. Smita Kayal	Improving Survival in Childhood Acute Lymphoblastic Leukemia in India (ISCALL): ICiCLe Implementation study	ICMR	Rs 60,31,200 (Budget for JIPMER) Total Budget 19.5 Cr	3 years, Started May 2024
Dr. Smita Kayal	Centre for Advanced Research (CAR) to promote Translational Studies of Regionally Relevant Unmet Needs in Hematological Malignancies with emphasis on High-risk and Relapsed/ Refractory Acute Lymphoblastic Leukemia (ALL)	ICMR	Rs. 14.9 Cr	5 years, Started Nov 2024
Dr. Smita Kayal	Phase III open labelled randomized controlled study to evaluate the optimal dose of all-trans retinoic acid in the treatment of acute promyelocytic leukemia.	NCG (National Cancer Grid)	Total budget Rs 4.07 Cr. JIPMER (Rs. 32,93,089)	7 years, Mar 2024
Dr. Smita Kayal	Analysing Pattern, Risk Factors, Treatment Course and Outcomes of Recurrent Colorectal Cancer: A Retrospective and Nested Case-Control Study	JIPMER Intramural research grant	INR 65,500	2 years, Started Aug 2022

	Title	Funding Agency	Grant amount	Duration and Date of start
Dr. Biswajit Dubashi	Zoledronic Acid in Preventing Worsening of Bone Health in Postmenopausal Women with Nonmetastatic Carcinoma Breast Receiving Chemotherapy: A multicenter Randomized, Double Blind, Placebo-Controlled Study. (ZAPBL STUDY)	ICMR	1st year grant received Rs. 52,66,538 (Total Sanctioned 1,62,66,080) SG/Dev. Res/01531/2027-2024 (211754)	2025
Dr. Biswajit Dubashi	Addition of Low-Dose Pembrolizumab to Capecitabine for Residual Triple-Negative Breast Cancer Post-Neoadjuvant Chemotherapy: An Investigator-Initiated Multicentric Open-Labelled Phase III Randomized Controlled Clinical Trial (SCRIPT Trial)	ICMR	1st year grant received as collaboarating site Rs.4,15,296 (Total Sanctioned 7,33,24,520.40 EM/Dev/ lG/0000527/2024/ JJC	2024
Dr. Biswajit Dubashi	Assessment of prognostic biomarkers to predict pathological complete response in patients with non-metastatic triple-negative breast cancer using a window of opportunity design	ICMR-Ad Hoc	INR 14,94,000, Grant year- 2023- 2024, No.5/13/14/2022/ NCD-III	2024
Dr. Biswajit Dubashi	Designing and Implementation of Health Care Model in Patients with Stage 2 Breast Caner (BCSS study)	ICMR	1st year grant received Rs.48,54,266/- 2ndYear grant received Rs.40,19,240/-	2024
Dr. Biswajit Dubashi	Neo- Adjuvant chemotherapy followed by surgery vs surgery followed by Adjuvant chemotherapy for Resectable gastric Adenocarcinoma-Phase 3Multicenter Randomised controlled trial(NAGA)	DHR	Total budget sactioned- Rs.21380255 .1st year grant recieved- Rs.5465806 ,2nd year grant recieved- Rs.6598748 ,3rd year grant recieved- Rs.6406578	2022-2025
Dr Prasanth Ganesan	Modified cognitive behavioural therapy and melatonin for acute insomnia in patients undergoing chemotherapy: a double-blind randomised placebo- controlled trial (COMET)	JIPMER-Intramural	67,700	2024
Dr Prasanth Ganesan	A multi-stage mixed-method study to understand factors associated with the abandonment of treatment among adult patients with cancer and to develop a tool for its prediction	ICMR-Ad Hoc	9,84,506 (3rd year grant)	2025

	Title	Funding Agency	Grant amount	Duration and Date of start
Dr Prasanth Ganesan	Network of Oncology Clinical Trials India (NOCI)	BIRAC	5th year release: BIRAC/BT/ NBM0252/05/19	2024-2025
Dr Prasanth Ganesan	Low dose nivolumab in RRHL	ICMR	1st year release: Rs.21,58,174 2nd year release : Rs.19,17,896 ICMR: EM/Dev/ SG/43/2241/2023	2024-25
Dr Prasanth Ganesan	Intraperitoneal chemotherapy in ovarian cancer POICE 2024	NCG (National Cancer Grid)	1st year release: 37,12,300 NCG/2024/002	2024-25
Dr Prasanth Ganesan	loNAH- low dose Nivo in newly diagnosed HL	ICMR	1st year release: 4,08,375/-ICMR: EM/DEV/NHRP-2023-0001796	2024-25
Dr Prasanth Ganesan	NHL EBV detection	ICMR	2nd year release: ₹ 13,62,986 ICMR: NCD/ NTF/22/2022-23	2024-25
Dr Prasanth Ganesan	Time toxicity	ICMR	1st year release: ₹ 12,24,224 IIRPSG-2024-01-05302	2024-25
Dr. Shuvadeep Ganguly	Understanding evolution of natural killer (NK) cell dysfunction and its impact on treatment response and outcome in adult solid malignancies	ICMR	10,00,000 (Total sanctioned: 50,00,000)	2024

Patents applied for / awarded: applied:

US Patent Application No. 63/785,003, Methods, Systems, and Devices for tissue conditioning; Kayal S, Paul S

Publications (Indexed/Non-Indexed Journals):

1. Charles L, Elangovan A, Nisha Y, Jafa E, Kate V, Selvarajan S, **Kayal S**, Ganesh RN, Dubashi B, Penumadu P, Ganesan P. Clinicopathological features and survival outcomes for gastric adenocarcinoma: Real-world single-center data. Indian J Gastroenterol. 2024 Dec;43(6):1209-1219.
2. Philip C, Selvarajan S, Nayak L, Jain H, Kulkarni U, Samuel P, Agrawal N, **Kayal S**, Mishra K, Pavitra DS, Jayachandran PK, Bala SC, Raghavan V, Paul M, Singh J, Sreeraj V, Mujumdar S, Nayak A, Prakash O, Barath U, Dharmaraj A, Rajendra A, Thorat J, Bagal B, Abraham A, Bhurani D, Ganesan P, Sengar M, Mathews V. Impact of the COVID-19 pandemic on treatment of patients with acute myeloid leukaemia in India. Br J Haematol. 2024 Nov;205(5):2058-2062.
3. Narayan AS, Ramamoorthy JG, Parameswaran N, RamKumar G, **Kayal S**. Central Venous Catheter-associated Venous Thromboembolism in Children: A Prospective Observational Study. J Pediatr Hematol Oncol. 2024 Oct 1;46(7):e544-e549.
4. Ramaswamy A, Chaudhari V, Srinivas S, Bhargava P, Kannan S, Agarwal A, Seshadri RA, Talwar V, Goel S, Goel V, Singh S, **Kayal S**, Rebala P, Rao GV, Prajapati B, Parikh D, Kothari J, Kadamapuzha JM, Ramesh H, Kapoor D, Chaudhary A, Gupta A, Sekar A, Misra S, Vishnoi JR, Soni S, Varshney VK, Bairwa SK, Ghosh J, Lavingia V, Bhandare M, Shrikhande SV, Ostwal V. Adjuvant therapy may improve overall survival in high-risk periampullary adenocarcinomas patients - A match-pair analysis from a multi-institutional cohort study (The MIPPAP study). HPB (Oxford). 2024 Oct;26(10):1261-1269.

5. Ramaswamy A, Bhargava P, Dubashi B, Gupta A, Kapoor A, Srinivas S, Shetty O, Jadhav P, Desai V, Noronha V, Joshi A, Menon N, Patil VM, Mishra BK, Sansar B, Singh A, Patel S, Singh SN, Dhal I, Vinayak KR, Pal V, Mandavkar S, Kannan S, Chaugule D, Patil R, Parulekar M, Nashikkar C, Ankathi SK, Kaushal RK, Shah A, Ganesan P, **Kayal S**, Ananthakrishnan R, Syed N, Samaddar D, Kapu V, Shah A, Kaaviya D, Suganiya R, Srinivasan ND, Prabhash K, Ostwal V. Docetaxel-oxaliplatin-capecitabine/5-fluorouracil (DOX/F) followed by docetaxel versus oxaliplatin-capecitabine/5-fluorouracil (CAPOX/FOLFOX) in HER2-negative advanced gastric cancers. JNCI Cancer Spectr. 2024 Jul 1;8(4):pkae054.
6. Sekar MD, Pradeep I, Srinivas BH, **Kayal S**. Extragonadal Germ Cell Tumors: A Single Institution Experience with Clinicopathological Correlation. International Journal of Surgical Pathology. 2023;32(5):865-874.
7. Singh S, Lionel S, Jain H, Rajendra A, Nayak L, Selvarajan S, Samuel P, Ahmed R, Aggarwal N, Ds P, Byreddy P, John M, Mishra K, Kumar S, Paul M, Abraham LK, **Kayal S**, Ganesan P, Philip CC, Das D, Sreeraj V, Mehta P, Pk J, Raghavan V, Bala SC, Bharath RS, Majumdar S, Prakash O, Barath U, Bagal B, Abraham A, Kapoor R, Bhurani D, Sengar M, Mathews V. Treatment challenges and outcomes of older patients with acute myeloid leukemia from India. Ann Hematol. 2024 Oct;103(10):4079-4088.
8. Murugan R, Sharan KC, Srinivas BH, Basu D, Kar R, Jinkala SR, Stephen N, **Kayal S**. Myeloid sarcoma: Experience from a tertiary care center in southern India - A series of eight unusual cases. Indian J Pathol Microbiol. 2025 Jan 1;68(1):113-117.
9. Sathya P, **Kayal S**, Hamide A, Kar R. Immunophenotypic Profile and Measurable Residual Disease Monitoring in Multiple Myeloma: A Prospective Study From a Tertiary Care Centre in Southern India. Cureus. 2024 Jun 1;16(6):e61504.
10. Akshatha CR, Halanaik D, Nachiappa Ganesh R, Kishore N, Ganesan P, **Kayal S**, Kumar H, Dubashi B. Assessment of novel prognostic biomarkers to predict pathological complete response in patients with non-metastatic triple-negative breast cancer using a window of opportunity design. Ther Adv Med Oncol. 2024 May 24;16:17588359241248329.
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13. Sairam B, Mirunalini R, **Kayal S.** Drug use, costs, and outcomes of high-risk febrile neutropenia in a tertiary care centre in South India – A prospective cost analysis study. 2024 Jun 10.21203.
14. Ravi S, Rekha J, Basu D & **Kayal S**. Prognostic Significance of T-Cells and Macrophages in the Tumour Microenvironment of Nodal DLBCL. 2024 Apr, 601-612.
15. Devika T, Mahalakshmi G, Mythili K, Srinivasa Rao K, Srinivasamurthy SK, **Biswajit D**, Shewade DG. Ethnic Differences, Lung Cancer Risk, and Association of NRF2 Gene Polymorphism with Gemcitabine-Based Chemotherapy. Cureus. 2024 Jul 18;16(7):e64849.
16. Saj F, Kayal S, **Dubashi B**, Ganesan P. Generic Dabigatran for Cancer-Associated Venous Thromboembolism: Real-World Data. Indian J Hematol Blood Transfus. 2024 Oct;40(4):721-722.
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18. Goenka L, Rajappa M, Gochhait D, Manivannan P, Chaturvedula L, L C, Charanraj Goud A, **Dubashi B**, Kayal S, Ganesan P. Assessing Autophagy Activation in Advanced Ovarian Cancer Using Ascitic Fluid: A Feasibility Study. Cureus. 2025 Feb 20;17(2):e79371.
19. Yadala A, Mukherjee A, Neelakandan V, Karunanithi A, **Dubashi B**, Menon V, Elumalai T, Bharathi D, Gundapuneedi BS, Loganathan V. Safety and Feasibility of Hippocampal Sparing Cranial Radiation in Pediatric and Adolescent Acute Lymphoblastic Leukemia Patients: A Prospective Study. Cureus. 2024 Jun 19;16(6):e62715.
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21. Kana S, Basu D, Kar R, Nachiappa Ganesh R, **Dubashi B**, Kt H. Morphology, Morphometry, and Immunohistochemical Profile of Megakaryocytes and Bone Marrow Microenvironment in Disease Progression and Therapy Resistance in Chronic Myeloid Leukemia. Cureus. 2024 Aug 25;16(8):e67772.
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Department of Microbiology

Research and Publications

Research Completed – List of Projects (Title & brief abstract)

Sero epidemiology, Maternal immune status and Missed diagnosis of Pertussis among young infants in India - A Multicentric study

Sero surveillance of pertussis was carried out in 2 groups of participants, one group comprising 614 participants of various age groups and both sexes, collected from the community. The other group was 370 mother -baby pairs. ELISA for IgG antibodies to pertussis toxin was carried out in serum samples from these participants. The seropositivity among the mothers was 5.33% while it was 9.33% among the neonates. In addition, nasopharyngeal swabs and serum samples of infants less the 6 months of age with clinically suspected pertussis were also collected and subjected to PCR and IgG antibody detection respectively. The study is ongoing

Diagnostic validity of treponemal and non-treponemal assays using *Treponema pallidum* hemagglutination as the gold standard assay *(MSc Project) (2023-24)*

From the 793 samples tested, Rapid treponemal test was the most sensitive (100%) and specific (99.4%) assay. Reverse algorithm detected 2.3% more positive cases compared to traditional algorithm. Therefore, we concluded that Rapid treponemal syphilis card test may be used as a first test in reverse algorithm to diagnose syphilis.

Sensititre MycoTB Plate for first line and second line antitubercular drugs susceptibility testing of Mycobacterium tuberculosis (MD thesis/ Intramural funding)

This study demonstrated 24% isoniazid monoresistance, 2% MDR and no resistance to second line antitubercular drugs among the tested isolates by Sensititre MYCOTB plate and furthermore, the study revealed a concordance of 98% agreement with MGIT 960 DST, highlighting the reliability of Sensititre MYCOTB plate in testing Invitro susceptibility of Mycobacterium tuberculosis to first line and second line agents.

Evaluation of GeneXpert testing of stool sample for the diagnosis of pulmonary tuberculosis in comparison to sputum culture and GeneXpert (MSc thesis/ Intramural funding)

In this study, compared with sputum Xpert and the composite reference standard (CRS) (positive by MGIT culture and Xpert sputum), the sensitivity of Xpert OSF and Xpert SOS was 85.1% and 89.4%, respectively, with specificity and positive predictive value (PPV) of 100%. The stool Xpert in children and adults contributes to the microbiological confirmation of Mycobacterium tuberculosis, identifying the most significant number of positive pulmonary tuberculosis cases detected by liquid culture and sputum Xpert.

Seroprevalence of Toxocariasis in chronic urticaria patients–a hospital-based study (MSc thesis/ Intramural funding)

Out of 155 samples tested, the seropositivity was around 18.70%. This study provided the epidemiological information regarding seropositivity of toxocariasis in patients with chronic urticaria. Toxocariasis should be considered as one of the possible differential diagnoses in patients with unresolving chronic urticaria. Exposure to dogs, wheal formation and longer duration of the symptoms are significant factors associated with toxocariasis in patients with chronic urticaria.

Evaluation of Real-Time PCR assay for rapid detection of methicillin-resistant Staphylococcus aureus directly from positively flagged blood cultures. (MSc thesis/Intramural funding)

Methicillin-resistant Staphylococcus aureus (MRSA) represents a leading cause of bloodstream infections (BSIs), often associated with increased morbidity, mortality, and prolonged hospital stays. Timely and accurate detection of MRSA is essential for initiating appropriate antimicrobial therapy and implementing infection control measures. Phenotypic methods are time-consuming and cause a delay in the treatment decision. Such drawbacks can be overcome by the rapid detection of MRSA by real-time PCR from blood culture broth directly. This study aimed to evaluate the concordance between detection of mecA gene directly from blood culture broth flagged-positive for Staphylococcus aureus using real-time PCR and from the colony using conventional PCR. Methods: A total of 100 positively flagged blood culture bottles identified as S. aureus by MALDI-TOF were subjected to real-time PCR to detect the mecA gene. After colony growth, conventional PCR was carried out on confirmed S. aureus colonies. Sensitivity, specificity, positive predictive value (PPV), negative predictive value (NPV), and kappa agreement were calculated to assess diagnostic performance of real time PCR from broth. Phenotypic data, oxacillin MIC and cefoxitin disc diffusion, were also collected to assess their concordance to real time PCR. The sensitivity and specificity of real time PCR was 100% and 96.7% respectively. Results: The total agreement of real time PCR from positively flagged blood culture broth to conventional PCR and

cefoxitin disk diffusion was found to be 98%, and 95% for oxacillin microbroth dilution. Conclusions: Real-time PCR is a highly sensitive and efficient molecular diagnostic tool, for the direct detection of MRSA from blood culture broth. Alongside cefoxitin DD as the phenotypic method, discrepancies in real time PCR were significantly reduced.

Accuracy of various matrix assisted laser desorption ionization-time of flight mass spectrometry (MALDI-TOF MS)-based rapid identification methods—As a tool to augment diagnostic stewardship in blood culture laboratory, South India (MD thesis/ Intramural funding)

Blood stream infection is a medical emergency associated with high morbidity and mortality. Prompt identification of bloodstream infection-causing microorganisms directly from positive blood culture will significantly enhance patient care by reducing the turnaround time of pathogen recognition. Methods: A total of 256 freshly flagged positive blood culture bottles were subjected to Gram staining. Direct MALDI-TOF MS analysis was performed following sample preparation techniques such as lysis centrifugation, lysis filtration and VITEK® MS BC kit to directly identify microorganisms from positive blood cultures. Along with these short-term incubation methods of Choco spot and minute colony(8–10h) were also performed. All those positive bottles were identified by the routine (reference) laboratory method. Results: 177 isolates (69.14 %) were correctly identified by Lysis centrifugation, 163 isolates (63.67 %) were correctly identified by Lysis filtration, 206 isolates (80.47 %) were correctly identified by Choco spot,250 isolates (97.65 %) were correctly identified from minute colony (8–10h) of incubation. Of 162 isolates,115 isolates (70.99 %) were correctly identified by VITEK® MS Blood culture kit, (BioMerieux). VITEK® MS BC kit method revealed higher agreement with the kappa value of 0.697 than lysis centrifugation (0.672) followed by lysis filtration (0.611). Conclusions: In house method of lysis centrifugation is found to be equivalent to VITEK® MS BC kit method and superior to lysis filtration method in correct direct identification of bacteria from positive blood cultures by MALDI-TOF MS analysis. As lysis centrifugation requires only 10 min of processing time as compared to overnight incubation, thus it offers a less expensive substitute for the VITEK® MS BC kit in the clinical laboratory. As a consequence of this study, we have implemented direct MALDI-TOF-based identification from positive BCs in our daily routine diagnostic management

Grants obtained (Intramural and extramural)

(**Include details of name of PI, amount, period of grant, grant agency**)

Extramural

Name of the faculty	Amount (INR)	Period of grant	Grant agency
Comparative whole genome sequencing and transcriptome analysis of vancomycin sensitive, vancomycin intermediate and heteroresistant vancomycin intermediate Staphylococcus aureus (VSSA, VISA and hVISA) *Name of PI: Dr. Sujatha Sistla*	*2,03,15,550*	*2019-2024*	*ICMR*
Seroepidemiology, Maternal immune status and Missed diagnosis of Pertussis among young infants in India - A Multicentric study *Name of PI: Dr. Sujatha Sistla*	*15,76,960*	*2022-24*	*DBT Welcome India Alliance*
The Global Pneumococcal Sequence Clusters (GPSC) in India :Association with serotypes, virulence profiles and antimicrobial resistance *Name of PI: Dr. Sujatha Sistla*	21,48,000	2021-2024	*ICMR*
State Reference Laboratory (SRL) for HIV *Name of PI: Dr. Rakesh Singh*	Rs. 2.37 Lakhs	2024-25	NACO
State Reference Centre (SRC) for STI *Name of PI: Dr. Rakesh Singh*	Rs. 1.7 Lakhs /	2024-25	NACO

Name of the faculty	Amount (INR)	Period of grant	Grant agency
Hospital-Based Surveillance of Acute Encephalitis Syndrome (AES) through DHR-ICMR VRDL Network *Name of PI: Dr. Rahul Dhodapkar*	Rs. 12 Crores	2024 onwards	ICMR
Evaluation of performance characteristics of four widely used rapid diagnostic tests for scrub typhus IgM in India *Name of PI: Dr. Rahul Dhodapkar*	Rs. 18,28,000	2024 onwards	ICMR
Understanding the prevalence and characterization of atypical pneumonia pathogens among SARI cases *Name of PI: Dr. Rahul Dhodapkar*	32,04,000	*2024 onwards*	DHR - ICMR
Strengthening of ILI/SARI surveillance for human influenza viruses and SARS-CoV-2 *Name of PI: Dr. Rahul Dhodapkar*	12,45,000	*2022 onwards*	DHR - ICMR
Development of Rapid and High Sensitivity Electrochemical Covid-19 Nucleocapsid Protein Diagnosis Platform *Name of PI: Dr. Rahul Dhodapkar*	15,43,240	*2023 onwards*	DHR – ICMR
Setting up of Nation- wide network of laboratories for managing epidemics and natural calamities *Name of PI: Dr. Rahul Dhodapkar*	96,80,000	*2015 onwards*	*DHR-ICMR*
Creation of a network of existing and upcoming high risk pathogen laboratories (BSL3/4) across department and keeping their interlinkages functional for use during outbreak response across sectors *Name of PI: Dr. Rahul Dhodapkar*	*2370000/-*	*2024 onwards*	PM-ABHIM
Congenital Rubella Syndrome Surveillance *Name of PI: Dr. Rahul Dhodapkar*	8 lakhs	*2020 onwards*	MOHFW
Regional Influenza laboratory *Name of PI: Dr. Rahul Dhodapkar*	11.2 lakhs	*2009 onwards*	IDSP
Development of a Nanopore-based long read sequencing panel for culture-free detection of drug resistance in Mycobacterium tuberculosis *Name of PI: Dr. Noyal M Joseph*	*42,03,546/-*	*2024-2027*	*ICMR*
Identification of potential miRNAs as biomarkers for detection of clinically relevant non-tuberculous mycobacteria with special reference to *Mycobacterium abscessus* complex *Name of PI: Dr. Noyal M Joseph*	*51,90,400/-*	*2022 - 25*	*Department of Health research (DHR)*

Name of the faculty	Amount (INR)	Period of grant	Grant agency
High performance host immune biomarker-based rapid tests for diagnosis and treatment monitoring of tuberculosis *Name of PI: Dr. Noyal M Joseph*	INR 97,50,740 (£ 83563)	2024-2027	UKHSA
Strengthening the quality of AMR surveillance using automated AST systems *Name of Co-I: Dr. Apurba Sankar Sastry*	*31.3 lacs*	*2024-2025*	*WHO-INDIA*
Implementation of AMS program in various tertiary care centres across India *Name of PI: Dr. Apurba Sankar Sastry*	*Rs. 61.3 lakhs*	*2022-2025*	ICMR

Intramural

Name of the PI	Amount	Period of grant	Funding agency
Fitness cost of vancomycin resistance on virulence and survival of *Enterococcus faecium* - a cross-sectional analytical study *(MD Project)* *Name of PI: Dr. Sujatha Sistla*	*2,00,000/-*	*2024-2026*	*JIPMER*
Assessment of serotype distribution and antimicrobial susceptibility pattern in *Haemophilus influenzae* with special reference to beta lactam agents. *(MD Project)* *Name of PI: Dr. Sujatha Sistla*	*2,00,000/-*	*2024-2026*	*JIPMER*
Assessment of sputum quality using different scoring systems and association between direct Gram stain and culture of expectorated sputum in tertiary health care centre. *(MSc Project)* *Name of PI: Dr. Sujatha Sistla*	*50,000/-*	*2025-2026*	*JIPMER*
Association of leptin receptor mutation with invasive amoebiasis in adults *(MD Project)* *Name of PI: Dr. Rakesh Singh*	*2,00,000/-*	*2023-2025*	*JIPMER*
Detection of ERG11 gene mutation profile in fluconazole resistant candida auris isolates *(MD Project)* *Name of PI: Dr. Rakesh Singh*	*2,00,000/-*	*2023-2025*	*JIPMER*
Molecular identification of Hookworm species and detection of beta tubulin gene mutation associated with benzimidazole resistance *(MD Project)* *Name of PI: Dr. Rakesh Singh*	*2,00,000/-*	*2024-2026*	*JIPMER*

Name of the PI	Amount	Period of grant	Funding agency
Antifungal susceptibility testing for Candida auris by using combination of drugs *(MSc Project)* *Name of PI: Dr. Rakesh Singh*	*50,000/-*	*2023-2024*	*JIPMER*
Diagnostic validity of treponemal and non-treponemal assays using Treponema pallidum hemagglutination as the gold standard assay *(MSc Project)* *Name of PI: Dr. Rakesh Singh*	*50,000/-*	*2023-24*	*JIPMER*
Antigenic and genetic diversity of Influenza B virus strains isolated during 2023-2024 *(MD Project)* *Name of PI: Dr. Rahul Dhodapkar*	*2,00,000/-*	*2023-25*	*JIPMER*
Helicase gene based in house PCR for detection of *Orientia tsutsugamushi* *(MD Project)* *Name of PI: Dr. Rahul Dhodapkar*	*2,00,000/-*	*2023-25*	*JIPMER*
Study of carbapenem resistance and its association with *cfiA* gene in clinical isolates of *Bacteroides fragilis* group *(MD Project)* *Name of PI: Dr. Rakhi Biswas*	*2,00,000/-*	*2024-26*	*JIPMER*
Assessment of bacteriological profile, antibiotic susceptibility pattern among the patients with kidney stones undergoing percutaneous nephrolithotomy. *(MSc Project)* *Name of PI: Dr. Rakhi Biswas*	*50,000/-*	*2024-2025*	*JIPMER*
Detection of resistance to Macrolides and Aminoglycosides in *Mycobacterium abscessus* *(MD Project)* *Name of PI: Dr. Noyal M Joseph*	*2,00,000/-*	*2023-25*	*JIPMER*
Evaluation of kit-based loop-mediated isothermal amplification assay for the diagnosis of tuberculous meningitis *(M.D project)* *Name of PI: Dr. Noyal Mariya Joseph*	*2,00,000/-*	*2024-26*	*JIPMER*
Assessment of the susceptibility pattern of Cefiderocol, a siderophore cephalosporin against multidrug resistant Gram-negative bacteria- In vitro study *(M.D project)* *Name of PI: Dr. Noyal Mariya Joseph*	*2,00,000/-*	*2024-26*	*JIPMER*

Name of the PI	Amount	Period of grant	Funding agency
Susceptibility of ceftazidime-avibactam and aztreonam among carbapenem non-susceptible Enterobacterales from cases of blood stream infections *(MD Project)* *Name of PI: Dr. Apurba Sankar Sastry*	*2,00,000/-*	*2024-2026*	*JIPMER*
Molecular and phenotypic detection of carbapenemases using Real Time PCR and carbapenem inactivation method directly from positively flagged blood culture broth *(MD Project)* *Name of PI: Dr. Apurba Sankar Sastry*	*2,00,000/-*	*2024-2026*	*JIPMER*
Evaluation of Real-Time PCR assay for rapid detection of methicillin resistant Staphylococcus aureus directly from positively flagged bottles. *(MSc Project)* *Name of PI: Dr. Apurba Sankar Sastry*	*50,000/-*	*2024-2025*	*JIPMER*
Assessment of agreement of oxacillin and cefoxitin epsilometer test with mec a real time PCR in the detection of Methicillin resistance in Staphylococcus aureus in positively flagged blood culture broth *(MD Project)* *Name of PI: Dr. Apurba Sankar Sastry*	*2,00,000/-*	*2025-2027*	*JIPMER*
Rapid identification and antimicrobial susceptibility testing of Cerebrospinal fluid samples using Matrix-Assisted Laser Desorption-Time of Flight Mass Spectrometry and Direct Disc Testing. *(Faculty Project)* *Name of PI: Dr. Maanasa Bhaskar*	*No funds taken*	*2023-2024*	*JIPMER*

Publications—Indexed Journals

1. Rajamanickam S, Manoharan M, Bhaskar M, **Sistla S**. Detection of hypervirulent Klebsiella pneumoniae among clinical isolates from select infections using virulence gene markers. J Lab Physicians. --;0(0):1–8.
2. Murthy PSR, **Sistla S**. Utility of quantitative loop mediated isothermal amplification (qLAMP) assay for the diagnosis of invasive pneumococcal disease (IPD). Indian J Med Microbiol, 2024; 48: https://doi.org/10.1016/j.ijmmb.2024.100575. PMID: 38537871
3. Kumaresan M, Manoharan M, Sugumar M and **Sistla S.** Species distribution and antimicrobial susceptibility of Burkholderia cepacia complex isolates in clinical infections:Experience from a tertiary care hospital, Southern India. Indian J Med Microbiol, 2024, 49:100613
4. Kumaresan M, Manoharan M, Sugumar M and **Sistla S.** Outbreak of Burkholderia cenocepacia in an intensive care unit of a tertiary care hospital identified by pulsed field gel electrophoresis.Indian J Med Microbiol, 2024;50:100655
5. Peela SCM, **Sistla S**, Govindan V, Nagaraj G, Ravikumar KL. Pre and Post-vaccine trends in pneumococcal serotypes and antimicrobial resistance patterns: Experience from a tertiary care center in southern India. Indian J Med Res.2024;60(3&4):354-361. doi: 10.25259/ijmr_1811_23.
6. Vinayan S, **Sistla S**, Manoharan M, Walia K and Madhan S. In vitro efficacy of levonadifloxacin against methicillin-resistant Staphylococcus aureus (MRSA) including hVISA isolates collected across India. Indian J Med Microbiol, 2025 Jan 8:53:100788. doi: 10.1016/j.ijmmb.2025.100788
7. Kalimuthu A, Thappa DM, Badhe B , **Sistla S**. Trichomycosis Axillaris: A Clinicoetiological Study. Indian Journal of Dermatology Online, 2025:270-5

8. **Bhaskar M**, Darjees D, Ambati NLS, Sistla S. Pulmonary Infection due to Conidiobolus coronatus in a patient with Crescentic IgA nephropathy- Case report and Literature Review. JACM, 2024;6(1):23-6
9. **Bhaskar M**., Kumaresan M, Olavera H, Jamir I, Sistla S, Raja K, Govindaraj V. An Insight into Eikenella corrodens Infections in Humans - experience from a Tertiary Care Center in South India. International Journal of Research in Medical Sciences, 2024;12(9):3412-8. DOI: 10.18203/2320-6012.ijrms20242623
10. Mohanty A, **Maanasa B**, Jeyaselvaraj R, Sistla S.Pacemaker pocket infection due to Mycobacterium abscessus subspecies abscessus - Case report and literature review. Medical Laboratory Journal 2025. Accepted for publication
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Publications—Non-indexed

Newsletters/Souvenirs –

- Puducherry chapter activities in IAMM Newsletter May 20224 Vol. No. 24 Issue No. 2
- Puducherry chapter activities in IAMM Newsletter October 20224 Vol. No. 24 Issue No.

Monographs/Manual/Reports published

- 4th and 5th (two) Advanced National workshop manuals on Medical Mycology in 2024
- National Mycology workshop manuals entitled "Basics of Fungal Identification and Susceptibility Testing" in a National Microbiology conference MICROCON 2024 - "47th Annual Conference of

Indian Association of Medical Microbiologists (IAMM)" in 2024

- National guidelines for establishment and certification of Biosafety Level 3 (BSL-3) containment facility.
- Parasitology Manual for national and international participants of Global health and humanitarian Medicine course in 2025

Books published

Apurba S Sastry, Sarumathi D; Essentials of Microbiology for Postgraduates (Volume-2, Systematic Bacteriology), 1st edition; Jaypee Publishers, New Delhi, India, May 2025

Department of Neonatology

Research and Publications

Research Completed

1. Periodic Telephonic Boost (PTB) to enhance kangaroo mother care in the community- A randomized controlled trial PTB can increase KMC duration at home
2. Effect of on-table breastfeeding (OTB) in enhancing exclusive breastfeeding among postnatal mothers who underwent Lower Segment Cesarean Section -a prospective cohort study OTB did not improve exclusive breastfeeding rates at 6 months. However, exclusive breastfeeding rates were significantly better in both groups at discharge and at 6 weeks.
3. Association between maternal genital colonisation and early onset culture-proven neonatal sepsis - A retrospective cohort study Colonisation rates in maternal genital tract are higher in infants with EOS. *E.coli* is the commonest organism implicated
4. Association between risk factors for early onset sepsis (EOS) and incidence of culture proven EOS in preterm neonates <34weeks – A retrospective cohort study Incidence of EOS was similar in the risk factor group and the no risk factor group. Empirical antibiotic therapy to the group with risk factors did not affect the incidence of EOS or mortality, after adjusting for prematurity

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Adhisivam B	1.6 crores	2020-25	ICMR and UKRI
Dr. Nishad Plakkal	₹ 1.33 crores	2024-2026	ICMR
Dr. Nishad Plakkal	₹ 1,94,842	2024-2026	JIPMER (Intramural)
Dr. Nishad Plakkal	₹ 50,000	2023-2025	JIPMER (Intramural)
Dr Murugesan A	₹ 1,45,000/-	2024-26	JIPMER (Intramural)
Dr Murugesan A	₹ 1,15,719/-	2024	WHO
Dr Murugesan A	₹ 60,000	2024	ICMR-STS
Dr Usha Devi R	₹ 50,00,000	2024	ICMR-DHR
Dr Usha Devi R	₹ 2,62,200	2024	JIPMER (Intramural)
Dr Usha Devi R	₹ 1,01,000	2024	JIPMER (Intramural)
Dr Usha Devi R	₹ 60,000	2024	ICMR-STS

Publications--Indexed Journals

1. Adhisivam B. Predicting Broncho Pulmonary Dysplasia in Preterm Infants. Indian J Pediatr. 2024;91(8):765-766
2. Lalithadevi P, Rengaraj S, Dasari P, Adhisivam B. Elective induction of labor versus expectant management at 39 weeks among low-risk nulliparous pregnant women: A randomized controlled trial in India (ELITE-39 trial). Int J Gynaecol Obstet. 2024 ; 167(1):427-433.
3. Reddy VN, Murugesan A, Adhisivam B. Factors Affecting Mother's Own Milk (MOM) Usage in the NICU - A Cross-sectional Study. Indian J Pediatr. 2024 ;91(8):873.

4. Adhisivam B. Point of Care Diagnostic Markers for Neonatal Sepsis. Indian J Pediatr. 2024 ;91(6):537-538.
5. Angadi C, Bethou A. Fortification Strategies for Very Low Birth Weight Infants. Indian J Pediatr. 2025 ;92(4):347-348.
6. Manoharan I, Prabakaran V, Bethou A. Incidence of Hypoglycaemia and its determinants in Neonates Admitted in Neonatal Intensive Care Unit. J Caring Sci.2024;13(4):229-236.
7. ProSPoNS Study Group. Role of central endpoint adjudication and challenges in trials on neonatal sepsis-a case of ProSPoNS trial. Trials. 2024 Jul 5;25(1):458.
8. Egala A, Sivanandan S, Bethou A. Does the 3C (Counselling, Checking and Certification) Initiative Prevent Hypoglycemia Among At-Risk Stable Late Preterm and Term Neonates? - A Randomized Controlled Trial. Indian J Pediatr. 2024 May 23. doi: 10.1007/s12098-024-05138-6. Epub ahead of print. PMID: 38780702.
9. Sulaiman SP, Jha N, Bethou A, Nandeeha H, Jha AK. Effect of maternal hyperoxygenation on neonatal outcomes among women in labour with pathological cardiotocography: an open-label randomized controlled trial. Am J ObstetGynecol. 2024 ;230(4): 454.e1-454.e11.
10. Murugesan A, Nangia S, Saili A. Reference gender-specific neonatal size at birth growth curves for singleton and twin neonates from North India. Paediatr Child Health. 2024 Apr 11;29(6):367-373. doi: 10.1093/pch/pxae011.
11. Reddy VN, Murugesan A, Adhisivam B. Factors Affecting Mother's Own Milk (MOM) Usage in the NICU - A Cross-sectional Study. Indian J Pediatr. 2024 Aug;91(8):873. doi: 10.1007/s12098-024-05083-4.
12. Murugesan A, Arunan A, Sastry A, Plakkal N. Clinical profile and risk factors associated with Elizabethkingia anophelis infection in neonates born in a tertiary care hospital – A case-control study and outbreak investigation. J Trop Pediatr. 2024 Aug 10;70(5): fmae022. doi: 10.1093/tropej/fmae022.
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14. Gowda M, Krishnaraj A, Murugesan A, Chinta N, Selvan T. Reversal of Fetal Compromise Following In Utero Treatment of Vein of Galen Malformation Using Glue. Prenat Diagn. 2024 Sep 7. doi: 10.1002/pd.6662. Epub ahead of print. PMID: 39243201.
15. Das G, Murugesan A, Gupta S, Adhisivam B. Does Gastric Lavage with Expressed Breastmilk Reduce the Incidence of Necrotizing Enterocolitis among Very low birthweight Infants? – A Randomized Controlled Trial. Ann Child Health. doi: 10.25259/ACH_17_2024
16. Sivanandan S, Murugesan A, Rameshbabu M, M Jeeva Sankar. Factors Affecting the Implementation of Continuous Positive Airway Pressure (CPAP) in Low- and Middle-Income Countries: A Qualitative Evidence Synthesis medRxiv2025.04.13.25325736; doi: https://doi.org/10.1101/2025.04.13.25325736.
17. Gowda M, Gupta A, Shreyanka HV, Avardal T, Aishwarya TP, Murugesan A, Khare C. Evaluation of Non-Immune Fetal Hydrops in Resource Poor Country: Challenges Faced in Ascertaining the Etiology. Prenatal Diagnosis 2025. https://doi.org/10.1002/pd.6813
18. Jain K, Kumar V, Plakkal N, Chawla D, Jindal A, Bora R, et al. Multidrug-resistant sepsis in special newborn care units in five district hospitals in India: a prospective cohort study. Lancet Glob Health. 2025 May;13(5):e870-e8.
19. Global Nutrition Target Collaborators. Global, regional, and national progress towards the 2030 global nutrition targets and forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021. Lancet. 2025 Dec 21;404(10471):2543-83.
20. Thukral A, Gupta V, Chawla D, Kumar P, Deorari AK. Development of Multimodal Training Tool for Preterm Infant Care. Indian J Pediatr. 2024 Dec 21.
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22. GBD 2021 Causes of Death Collaborators. Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. Lancet. 2024 May 18;403(10440):2100-32.
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24. Duruvasal PD, Devi U, Patil U, Sethuraman G. Comparison of Paladai Cup Against Nifty Cup Feeding in Preterm Low-Birth-Weight Infants: An Open-Labeled Randomized Controlled Trial.

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25. Kar S, Jarain VZL, Karmakar S, Devi U, Som TK, Mohanty PK, et al. Quality improvement initiative to reduce Medical Adhesive Related Skin injury (MARSI) in very preterm babies admitted to neonatal intensive care unit. BMJ Open Qual 2024;13:e002697.
26. Devi U, B A. Pumping Strategies to Improve Exclusive Breastfeeding. Indian J Pediatr 2024;91:883–4.
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37. Angadi C, Bethou A. Preterm Care Training Through Comprehensive Multimodal Training Packages. Indian J Pediatr. 2025 Apr 29. doi: 10.1007/s12098-025-05550-6.

Book Chapters/Conference Proceedings

1. Sundaram V, Parikh T, Thakur A, Murugesan A, Kadam R, Devi RU, Saini SS, editors. Handbook of applied neonatal point of care ultrasonography and hemodynamics. Delhi: Jaypee; 2024.
2. Kadam R, Murugesan A, Sahni M. Ultrasonography and Echocardiography. In: Mastering Neonatal OSCEs 2nd edition. Delhi: Noble; 2024. p. 251
3. Murugesan A, Devi RU, Kadam R. Neonatal Equipment. In: Mastering Neonatal OSCEs 2nd edition. Delhi: Noble; 2024. p. 358
4. Murugesan A, Devi RU. Knobs and functions of an ultrasound machine. In: Handbook of applied neonatal point of care ultrasonography and hemodynamics. Delhi: Jaypee; 2024. P. 11-19
5. Kanithi R, Murugesan A. Purchasing ultrasonography machine for use in neonates: A practical guide. In: Handbook of applied neonatal point of care ultrasonography and hemodynamics. Delhi: Jaypee; 2024. P. 20-26
6. Murugesan A, Modi M, Devi RU. Ultrasonography for procedures in neonates: A practical guide. In: Handbook of applied neonatal point of care ultrasonography and hemodynamics. Delhi: Jaypee; 2024. P. 117-121
7. Murugesan A, Angadi C. Non-invasive monitoring of gas exchange. In: Neonatal Ventilation Plus Respiratory Care (NEOVENTURE - NNF). Delhi: Jaypee; 2025
8. Usha Devi. Steroids, In: NNF NEOMAP Workbook Book. Jaypee Brothers Medical Publishers Pvt. Ltd; 2024.
9. Usha Devi. Surgical Respiratory Emergencies in Neonates, In: Cardiorespiratory disorders in neonates, Noble Vision Medical Book Publishers, 2023. [ISBN: 9788194320654]
10. Usha Devi, Nandakishore Kabra. Statistics. In: Mastering Neonatal OSCEs 2nd edition. Delhi: Noble; 2024. [ISBN : 978-81-978620-1-4].
11. Baldev Bhatia, Rahul Kadam, Usha Devi. Neonatal Resuscitation. In: Mastering Neonatal OSCEs 2nd edition. Delhi: Noble; 2024. [ISBN : 978-81-978620-1-4]
12. Usha Devi. Respiratory care of neonate on non-invasive and invasive ventilation. In: Neonatal

Ventilation Plus Respiratory Care (NEOVENTURE - NNF). Delhi: Jaypee; 2025

13. Usha Devi. Intracranial Hemorrhage in Neonates. In book: Pediatric Emergencies: A Comprehensive Manual, Edition: 1: Evangel;2024.
14. B.D Bhatia, Usha Devi R, editor. Concise manual on neonatal imaging. Noble vision publication;2024 [ISBN: 978-81-943206-7-8]
15. B.D Bhatia, Usha Devi R, Giridhar Sethuraman, Nagendra Chaudhary, editors. Mastering Neonatal OSCEs. Noble vision publication;2024 [ISBN : 978-81-978620-1-4]
16. B.D Bhatia, Usha Devi R, editors. Neonatal Drug Therapy (Mechanisms, Dosages, Side Effect and Clinical Trials). Noble vision publication;2024 [ISBN : ISBN: 978-81-980057-8-6]

Department of Nephrology

Research and Publications

Compile consolidated list for full department and not under individual faculty names

Research Completed in 2024-25 –

1. Patient and Graft survival outcomes of Deceased Donor Kidney Transplantation compared to Living Donor Kidney Transplantation - a Retrospective study Death-censored graft survival after DDKT was better than LDKT. There was no difference in the incidence of DGF after LDKT and DDKT. There was a higher incidence of biopsy-proven acute antibody mediated allograft rejection after LDKT compared to DDKT. ABMR and Kidney transplantation from a living donor were associated with poorer graft outcomes. Use of ATG as an induction agent was associated with better graft survival compared no induction or use of Basiliximab.
2. Prevalence and determinants of Sarcopenia in Ckd stages & 4; Prevalence and association with CKD progression This study found a high prevalence of sarcopenia (41.6%) in Indian CKD stage 3 and 4 patients, significantly impacting body composition and highlighting the limitations of creatinine-based GFR estimation in this population. The findings suggest the need for comprehensive management strategies to address sarcopenia's effects on health outcomes in CKD patients. Further research is essential to develop targeted interventions.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Sreejith Parameswaran	6.3 crores (for all participating centres)	2020 – 2025	DBT
Dr Sreejith Parameswaran	3.6 crores	2020 – 2025	DBT-Wellcome trust Indian Alliance
Dr PS Priyamvada	22.3 Lakhs	2021-2024	Visterra Inc.
Dr PS Priyamvada	2.5 Lkahs	2024 - 25	ICMR
Dr PS Priyamvada	200000	2023-2024	JIPMER
Dr PS Priyamvada	200000	2024-2025	JIPMER
Dr S Sabarinath	500000	2025-2027	Indian Society of Nephrology

Publications--Indexed Journals

1. Nair GRG, Anand A, Rajappa M, Harinee M, Harichandrakumar KT, Priyamvada PS, et al. Association of Dietary Protein Intake and Lean Body Mass with Severity of Metabolic Acidosis in Patients on Hemodialysis. Indian J Nephrol. doi: 10.25259/IJN_378_2024
2. Sampath E, Sejpal KN, Sastry AS, Selvarajan S, Priyamvada PS, Parameswaran S. Intraperitoneally Administered Vancomycin Results in Suboptimal Serum and Peritoneal Effluent Drug Levels in Patients with PD-related Peritonitis. Indian J Nephrol. doi: 10.25259/IJN_59_2024
3. Raju S, Kumar K, Parameswaran S. Nephrology in Puducherry. Indian J Nephrol. doi: 10.25259/IJN_371_2024
4. Priyadarshini G, Parameswaran S, Sahoo J, Selvarajan S, Rajappa M. The vitamin D spectrum: insights into 25(OH)D and VDBP in chronic kidney

disease and post-transplant. Sci Rep. 2025 May 26;15(1):18395. doi: 10.1038/s41598-025-03035-2. PMID: 40419661; PMCID: PMC12106709.

5. Gopal TS, Xu K, Muller Y, Radhakrishnan J, Pillai V, Barasch J, Parameswaran S, Forster CS. Prospective Study of a Point-of-Care Diagnostic Test for Acute Kidney Injury in a South Asian Hospital. Kidney Int Rep. 2025 Mar 24;10(6):1971-1979. doi: 10.1016/j.ekir.2025.03.026. PMID: 40630276; PMCID: PMC12231037.
6. Sabarinath, S., & Prasad, N. (2025). Recurrent Focal Segmental Glomerulosclerosis after Kidney Transplantation: Challenges and Evolving Strategies. *Indian Journal of Transplantation*, *19*(1), 1–2.
7. Govindan S, Iyengar A, Mohanasundaram S, Priyamvada PS. Nutrition Compass: Guiding Patients with Chronic Kidney Disease Across Ages. Indian J Nephrol. 2025 Mar-Apr;35(2):187-197.
8. Rao PSK, Priyamvada PS, Bammigatti C. Snakebite envenomation-associated acute kidney injury: a South-Asian perspective. Trans R Soc Trop Med Hyg. 2025 ; 119(7):780-787
9. Kumar A, Priyadarshini G, Parameswaran S, Ramesh A, Rajappa M. Evaluation of MicroRNA 145 and MicroRNA 155 as Markers of Cardiovascular Risk in Chronic Kidney Disease. Cureus. 2024 Aug 9;16(8):e66494. doi: 10.7759/cureus.66494. PMID: 39246913; PMCID: PMC11380758.
10. Srinivas BH, Stephen N, Priyamvada PS, Ganesh RN, Parameswaran S, Gochhait D. Nerve Epidermal Growth Factor-Like 1 Protein (NELL-1) Expression in Mercury-Related Membranous Nephropathy: Is It a True Association or a Chance Occurrence? Indian J Nephrol. 2024 Sep-Oct;34(5):482-486. doi: 10.25259/IJN_109_2024. Epub 2024 May 20. PMID: 39372630; PMCID: PMC11450840.
11. Yadav AK, Ghosh A, Kumar V, Parameswaran S, Kar SS, Thakur JS, Kohli HS, Dalton NR, Jafar TH, Levey AS, Jha V. Development and Validation of an Accurate Creatinine-Based Equation to Estimate Glomerular Filtration Rate for the Adult Indian Population: Design and Methods. Indian J Nephrol. 2024 Sep 18:1-8. doi: 10.25259/IJN_221_2024. Epub ahead of print. PMID: 39937212; PMCID: PMC7616642.
12. Mondemu SS, Parameswaran S, Ganesh RN, Keepanasseril A. Native kidney biopsy in pregnancy and postpartum: A single centre experience from India. Obstet Med. 2024 Oct 24:1753495X241290664. doi: 10.1177/1753495X241290664. Epub ahead of print. PMID: 39553176; PMCID: PMC11563491.
13. Meena P, Jesudason S, Popa CA, Rao NS, Priyamvada PS. Approach to Glomerular Disease in Pregnancy. Indian J Nephrol. 2024;34(6):561-572.
14. Murali A, Rengaraj S, Priyamvada PS, Sivanandan S, Udayakumar KR. Proteinuria in predicting adverse outcomes in women with severe features of pre-eclampsia from a developing country: A prospective cohort study. Int J Gynaecol Obstet. 2024 Jun;165(3):1064-1071.
15. Nagaram S, Charles P, Nisha Y, Stephen N, Hanumanthappa N, Parameswaran S, Chinnakali P, Nachiappa Ganesh R. Role of baseline soluble tumor necrosis factor receptor 2 as a biomarker in primary podocytopathy: Implications for renal impairment and disease progression. BMC Nephrol. 2024 Oct 25;25(1):378. doi: 10.1186/s12882-024-03772-y. PMID: 39455940; PMCID: PMC11515380.
16. Charles P, Kumar S, Girish Kumar CP, Parameswaran S, Viswanathan P, Nachiappa Ganesh R. Association of gut microbiota with allograft injury in kidney transplant recipients: a comparative profiling through 16S metagenomics and quantitative PCR. J Med Microbiol. 2024 Nov;73(11). doi: 10.1099/jmm.0.001934. PMID: 39540836.4
17. Talukdar R, Ajayan R, Gupta S, Biswas S, Parveen M, Sadhukhan D, Sinha AP, Parameswaran S. Chronic Kidney Disease Prevalence in India: A Systematic Review and Meta-Analysis From Community-Based Representative Evidence Between 2011 to 2023. Nephrology (Carlton). 2025 Jan;30(1):e14420. doi: 10.1111/nep.14420. PMID: 8.
18. Venkatesh KK, Sreenivasan Kodakkattil S, Parameswaran S, Abdulbasith KM, Kalra S, Lalgudi Narayanan D, Aggarwal D, P J. Long-Term Outcomes and Survival in Patients Undergoing Multiple vs. Single Renal Artery Transplants: A Retrospective Cohort Study. Cureus. 2025 Jan 28;17(1):e78165. doi: 10.7759/cureus.78165. PMID: 40026997; PMCID: PMC11868766.
19. Rhee H, Macedo E, Cutter G, Judd E, Parameswaran S, Maccariello E, Liu WJ, Selby NM, Bouchard J, Garcia-Garcia G, Neyra JA, Manjusha Y, Abraham J, Doi K, Villamizar G, Hurtado A, Mehta RL; COVID-19 Global Snapshot Investigators. Influence of Baseline Kidney Function on Patient and Kidney Outcomes in Patients with COVID-19: A Multi-National Observational Study. J Clin Med. 2025 Feb 12;14(4):1212. doi: 10.3390/jcm14041212. PMID: 40004744; PMCID: PMC11856477.
20. South Asia HIF-PHI for Anemia in CKD Guideline Development Group; Abraham A, Almeida A, Bhalla AK, Chaudury AR, Dutta AR, Gupta A, Shah B, Roy B, Subbarao B, Herath C, Amrutha C, Shah DS, Pahari DK, Khullar D, Bajpai D, Simaladinne

GV, Kothari J, Tyagi J, Sharma I, Shah K, Malik M, Sahay M, Sharma M, Gumber M, Sreelatha M, Tiwaskar M, Kaur M, Alam MR, Gopalakrishnan N, Prasad N, Kamath N, Meena P, Varma PP, Das P, Ramachandran R, Sharma RK, George R, Jain S, Ingale S, Moola S, Bhattacharya SK, D'Cruz S, Gulati S, Saxena S, Sundar S, Acharya S, Bansal SB, Vishwanath S, Gang S, Raju SB, Parameswaran S, Bhaumik S, Madhu SV, Alexander S, Jeloka T, Saha TK, Das T, Anandh U, Khanna U, Bhatia V, Saxena V, Kher V, Raghavan V, Jha V; *Steering Committee†; Methodology Committee (non-voting)#; Guideline Development Panel$. Hypoxia-Inducible Factor Prolyl Hydroxylase Inhibitors for Treatment of Anemia in Chronic Kidney Disease: Guidelines for South Asia. Indian J Nephrol. 2025 Mar-Apr;35(2):129-167. doi: 10.25259/ijn_389_23. Epub 2025 Feb 25. PMID: 40060060; PMCID: PMC11883314.

21. Priyadarshini G, Dhinesh A, Parameswaran S, Sahoo J, Selvarajan S, Rajappa M. Calcium-sensing receptor genetic variants and their association with CKD-MBD in South Indian Tamils. J Appl Genet. 2025 Mar 14. doi: 10.1007/s13353-025-00955-7. Epub ahead of print. PMID: 40085338.
22. Sahithya V, Sivanantham P, Anandraj J, Parameswaran S, Sekhar Kar S. Economic cost of hemodialysis and peritoneal dialysis under public-private partnership in a public tertiary care centre of Puducherry, India. Expert Rev Pharmacoecon Outcomes Res. 2024 Dec 18:1-7. doi: 10.1080/14737167.2024.2439515. Epub ahead of print. PMID: 39648305.
23. Messa P, Sabarinath S, Alfieri CM, Castellano G, Vettoretti S. What's New in the CKD-BMD Therapy?. G Ital Nefrol. 2024 Oct 9;41(Suppl 83):2024-S83. Italian. PMID: 39503227.
24. Gangadaran N, Gochhait D, Govindan D, Priyamvada PS, Krishnamurthy S, Bheemanathi Hanuman S, Nachiappa Ganesh R. Validation of histopathological chronicity scores in native kidney biopsies using light microscopy and digital morphometry for predicting renal outcome. Ann Diagn Pathol. 2024 ;73:152368.
25. Sejpal KN, S PP, Ponnusamy M, Mattewada NK, Parameswaran S, Kashiv P, Dubey S. Renal Functional Reserve in Acute Kidney Injury Patients Requiring Dialysis. Cureus. 2024 ;16(1):e52901.
26. Singh R, Bale C, Zipfel PF. C3 glomerulopathy: a kidney disease mediated by alternative pathway deregulation. Front Nephrol . 2024;4:1460146.
27. Nagaram S, Charles P, Nandeesha H, Parameswaran S, Chinnakali P, Nachiappa Ganesh R. Prognostic Impact of Proteinuria at Manifestation in Adult Nephrotic Syndrome Patients: Insights from a Prospective Cohort Study. Cureus. 2024 Jun 11;16(6):e62143. doi: 10.7759/cureus.62143. PMID: 38993428; PMCID: PMC11238527.
28. Zachariah VK, Sunitha VC, Ramachandran N, Vairappan B, Parameswaran S, Priyamvada PS. Does lung ultrasound-guided ultrafiltration lead to better outcomes in acute kidney injury requiring intermittent hemodialysis: A randomized control trial. Hemodial Int. 2024 Jul 4. doi: 10.1111/hdi.13170. Epub ahead of print. PMID: 38965069.
29. Nagaram S, Charles P, Nandeesha H, Stephen N, Parameswaran S, Chinnakali P, Nachiappa Ganesh R. Soluble Tumor Necrosis Factor Receptor 2: A Promising Predictive Biomarker for Renal Dysfunction in Membranous Glomerulonephritis. Cureus. 2024 Apr 18;16(4):e58506. doi: 10.7759/cureus.58506. PMID: 38765394; PMCID: PMC11101981

Book Chapters/Conference Proceedings

a. 'Pregnancy in Chronic Kidney Disease' by Sabarinath S, Narayan Prasad, Renu Singh in the Book Titled Pregnancy and Kidney Disease

b. Suren S, Parameswaran S. Pulmonary Renal Syndrome. Understanding Kidney Diseases: A Simplified Approach. Notion Press. 2025

c. R Jayasurya, Parameswaran S. Diabetic Kidney Disease in Pregnancy, in Pregnancy & Kidney Diseases. Ed. Priti Meena. Jaypee. 2024.

Department of Neurology

Research and Publications

Title: Impact of Non-invasive Brain Stimulation in ischemic stroke

Conclusion: This 5 years long concluded with positive effects of Transcranial magnetic stimulation alone compared to double sham stimulation in upper limb functional recovery while tDCS had positive impact on spasticity.

Grants obtained (Intramural and extramural)

Name of the Faculty	Grant Agency	Grant Amount	Period of Grant
Dr. Sunil Narayan-PI	ICMR-INTRINSIC[SWG/ Neuro/41/2021-NCD-I]	1,05,701(Year 3);	4 years; From 27.6.2022
Dr. Sunil Narayan-PI	ICMR-STENOSIS[SWG/Neuro/42/ TF Centre II/2021-NCD-I]	53,259 (Year 2);	3 years; From 27.6.2022
Dr. Sunil Narayan-PI	ICMR-NCD-HBSR	5.00,000 (Year 2)	3 years; From 1.2.2024
Dr. Sunil Narayan-Co I	SEED/TIDE/DST; (SEED/ TIDE/2019/582/G)	4,98,850 (4th year)	4 years From 23.11.2021;
Dr. Ramkumar S (Guide)	JIPMER (intramural)	98,080	2 years (2023-24)
Dr. Rajeswari Aghoram (PI)	ICMR	29,73,736/-	3 years; 1/11/2023
Dr. Rajeswari Aghoram (Guide)	JIPMER (intramural)	1,16,000	2 years; July 2023
Dr. Rajeswari Aghoram (PI)	Competitive Intramural grant	6,00,000	9 months
Dr. Rajeswari Aghoram (CoPI)	ICMR	4,37,21,991	2023 for 4 years
Dr. Rajeswari Aghoram (Co-I)	Ministry of education	2,00,00,000	2024 for 1 year
Dr. Vaibhav Wadwekar (Co-I)	JIPMER Intramural grant	70,000	2024 for 2 years
Dr. Vaibhav Wadwekar (PI)	JIPMER Intramural Grant	1,50,000	2 years

Publications--Indexed Journals

1. Kartheka R, Aghoram R, Faith AJ, Wadwekar V. Cross-Sectional Study of the Relationship Between Medial Plantar Nerve Conduction Studies and Severity of Diabetic Neuropathy. Ann Indian Acad Neurol. 2024 Mar-Apr;27(2):183-187.
2. Gomathy SB, Saikrishna K, Radhakrishnan DM, et al. Atypical Parkinsonism with Positive Anti-amphiphysin Antibodies: Expanding the Phenotypic Spectrum. Ann Indian Acad Neurol. 2024 Mar-Apr;27(2):201-203.
3. Saravanan S, Aghoram R, Narayan SK, Saibaba J, Madhan R. Central nervous system vasculopathy: inherited or acquired? The DADA2 conundrum. Pract Neurol. 2025 Jan 8:pn-2024-004441.
4. Aghoram, R., Nair, P.P. & Neelagandan, A. Using electronic medical records to analyze outpatient visits of persons with epilepsy during the pandemic—experience from a low middle income country. Acta Epileptologica 7, 6 (2025).
5. Arumugham S, Narayan SK, Aghoram R. Effect of continuous 2 MHz transcranial ultrasound as an adjunct to tenecteplase thrombolysis in acute anterior circulation ischemic stroke patients: an open labeled non-randomized clinical trial. J Thromb Thrombolysis. Published online February 23, 2024.
6. Athira SB, Pal P, Nair PP, Nanda N, Aghoram R. Influence of sleep disturbance, depression, anxiety, and stress on quality of life in people with epilepsy. Epileptic Disord. 2024;26(1):69-78.
7. Temkar S, Agarwal D, Stephen M, Sugumaran R, Periyandavan J. Hemorrhagic papilledema: An unusual variant. Trop Opthalmol 2024;1:68-70.
8. Natarajan A, Priyadharsini R, Xaviar S, Sugumaran R. Subclinical hypothyroidism and plasma levels of commonly prescribed anti-seizure medications. Int J Basic Clin Pharmacol 2024;13:859-63.
9. Sugumaran R, Sai Krishna KS, Saibaba J, Narayan SK, Sandhiya S, Rajeswari M. Melatonin on sleep in Parkinson's disease: A randomized double blind placebo controlled trial. Sleep Med. 2024 Dec;124:502-509.

10. Sugumaran R, Bhuvaneswaran R, Narayan SK. Autosomal recessive spastic ataxia of charlevoix-saguenay (ARSACS)-first with tongue wasting, peripheral nerve thickening and a novel SACS gene mutation. Acta Neurol Belg. 2024 Dec;124(6):2039-2042.
11. Saibaba J, Narayan SK, Sugumaran R. 'Ear of the lynx' sign: hereditary spastic paraplegia (HSP) type 11. Pract Neurol. 2024 Sep 13;24(5):434-435.
12. Sugumaran R, Bhuvaneswaran R. A Man With Progressive Chorea and Abnormal Trunk Movements. Cureus. 2024 Jun 9;16(6):e62004.
13. Rani, A., Sugumaran, R., & Narayan, S. K. (2024). Lack of habituation of visual-evoked potential in the interictal period is not a consistent neurophysiological marker of migraine: A cross-sectional analytical study. Journal of Neurosciences in Rural Practice. https://doi.org/10.25259/JNRP_33_2024
14. Mokmod S, Shyamsundar P, Nair PP, Aghoram R, Mohan SP, Sinha S, Wadwekar V. COVID-19 vaccination status among people with epilepsy attending a tertiary care epilepsy clinic: a cross-sectional study. Int J Epilepsy. 2023;9:7–12.
15. Gomathy SB, Priyanka Y, Garg A, Macken WL, Agarwal A, Ahmed T, Bhatia R, et al. Phenotypic, Electrophysiologic, and Imaging Spectrum of Hirayama Disease from Northern India. Ann Indian Acad Neurol. 2024 Sep 1;27(5):528-533.
16. Gomathy SB, Saikrishna K, Radhakrishnan DM, et al. Atypical Parkinsonism with Positive Anti-amphiphysin Antibodies: Expanding the Phenotypic Spectrum. Ann Indian Acad Neurol. 2024 Mar-Apr;27(2):201-203.
17. Gomathy SB, Das A, Singh RK, Vibha D, Tripathi M. An enigmatic pedigree of variable presentations of optic neuropathy due to mitochondrial-ND6 mutation. Neurol Sci. 2024 Oct;45(10):5101-5103.
18. Tripathi M, Sharma S, Ganapule A, Dwivedi R, Kaur K, Shukla V, Gomathy S, et al. An Instructional Module for Functional Dissociative Seizures (FDS) in Hindi: Enhancing Communication and Management in India. Ann Indian Acad Neurol. 2024 Sep 1;27(5):520-527.
19. Pazhani P, Gomathy SB, Gopalakrishnan MS, Saibaba J, Manyem M, Sugumaran R, Narayan SK. Ventriculoperitoneal Shunt Overdrainage Manifesting as Rapidly Evolving Cognitive Decline - A Rare Complication. Ann Indian Acad Neurol. 2025 Jan 1;28(1):137-139.
20. Gomathy SB, Das A, Parihar J, Singh RK, Vibha D, Tripathi M. Voice Tremor in VPS-16 Gene Mutation: Expanding the Clinical Spectrum. Mov Disord Clin Pract. 2025 Feb;12(2):236-238.
21. Gomathy SB, Das A, Parihar J, Singh RK, Vibha D, Tripathi M. ECHS 1 mutation: Expanding the genotype of adulthood onset cervico-brachial dystonia with sensorineural hearing loss. Parkinsonism Relat Disord. 2025 Mar;132:107303.
22. Saibaba J, Gomathy SB, Sugumaran R, Manyem M, Pazhani P, Narayan SK. Ventral Pontine Syndrome Presenting with Distressing Tinnitus Responding to Pregabalin. Journal of Stroke Medicine. 2025;7(2):155-157.
23. Pazhani P, Gomathy SB, Saibaba J, Manyem M, Sugumaran R, Narayan SK. All Tongue Fasciculations are Not Motor Neuron Disease. Ann Indian Acad Neurol. 2025 Mar 1;28(2):280-282.
24. Mandadi P, Gomathy SB, Das A, Garg A, Tripathi M. A case of rabies encephalitis. Neurol Sci. 2025 Jan 4. doi: 10.1007/s10072-024-07986-8. Epub ahead of print.
25. Rajesh PG, Parvathy PK, Meenu KS, Krishnan S, Lekshmi K, Sushama SR, Mohanan N, Gomathy SB, Menon RN. Efficacy of Cognitive Interventions in Mild Cognitive Impairment due to Alzheimer's Disease- An Open-Labelled Exploratory Analysis. Neurol India. 2024 Nov 1;72(6):1186-1192.
26. Gomathy SB, Karthika AV, Reddy B, Anilkumar A, et al. De Barsy syndrome due to ALDH18A1 mutation – Expanding the spectrum of a rare neurocutaneous syndrome. Hum Gene. 2024 May 1;40:201284.
27. Samim MM, Pantoji M, Divya KP, Deora H, Shashidhar A, Baishya J, Garg D, Elavarasi A, Pahwa B, Mehta UM, Tikka SK, Wadwekar V, Dubey S, Jain K, Bhaskarapillai B, Viswanathan LG, Asranna A. COVID-19 pandemic & neurosciences in India- the CoINstudy: Impact of the pandemic on research related to the neurosciences. Indian J Med Res. 2024 Jun;159(6):557-566.
28. Sridhar D, Ramamoorthy L, Narayan SK, Amalnath D, Lalthanthuami HT, Ganapathy S, Puliyakkuth U. Effectiveness of nurse-led fever, sugar-hyperglycemia, and swallowing bundle care on clinical outcome of patients with stroke at a tertiary care center: A randomized controlled trial. J Neurosci Rural Pract. 2024 Apr-Jun;15(2):255-261.
29. Bharath J, Amuthabharathi M, Sivasubramaniyan KM, Adithan S, Narayan SK, Sunitha VC, Nagarajan K. Clinicoradiological features of cerebral microbleeds diagnosed on magnetic resonance neuroimaging. J Neurosci Rural Pract. 2024 Apr-Jun;15(2):300-306.

30. Pandian JD, Phillips A, Verma SJ,..Narayan S,.. et al, Indian Trial of Tranexamic acid in Spontaneous Intracerebral Haemorrhage (INTRINSIC TRIAL) Study Protocol. Int J Stroke. 2024 Dec 5:17474930241307933.

Book Chapters

Dr. Saranya B Gomathy authored three book chapters of which 2 got published in 2024-a) Spectrum of MCI and its outcome predictors in IAN Reviews in Neurology b) Genetics of ALS and implications of therapy in IAN Reviews in Neurology-Neuromuscular disorders

One book chapter on Approach to medication refractory epilepsy is pending publication.

Dr. Vaibhav Wadwekar published a book chapter titled Updates on Limb girdle muscular dystrophies and gene therapies in IAN Reviews in Neurology 2024.

Narayan SK, Jeshma J. Neuromodulation in stroke rehabilitation. IAN Series on Stroke Rehabilitation 2024, edited by Dr. Abhishek Srivastava and Dr. Guhan Ramamurthy. Jaypee Brothers Medical Publishers.

Monographs/Manuals/Reports

Dr. Rajeswari developed a booklet for self-care for pregnant women with epilepsy in Tamil and English which will soon be released.

Newsletters/Souvenirs

Dr. Rajeswari authored an article titled "My best friend" in Women's day commemorative book sponsored by Kalinga University.

Articles for General Public

Dr. Saranya introduced warfarin monitoring booklets to help stroke patients and caregivers maintain INR logs and ensure safe anticoagulation. She has also developed discharge advice sheets tailored for patients on Ryle's tube feeds and those with indwelling urethral catheters, to promote safer home care and reduce complications.

Department of Neurosurgery

Research and Publications

Research Completed

1. Dr. Praveen has completed a study titled "Role of inflammatory markers in Differentiation and prognostication of gliomas – a prospective cohort study" under the guidance of Dr.M.Manoranjithakumari and Dr.A.S.Ramesh.
2. Dr.Anirudh Gupta has completed a randomized control study titled "Randomized placebo-controlled trial of intrathecal clot lysis to reduce vasospasm in aneurysmal subarachnoid hemorrhage" under the guidance of Dr. M.S. Gopalakrishnan.

Grants Obtained

1. Intramural fund of Rs-18000 is approved for the consultant project by Dr.Sathia prabhu-Cerebrospinal fluid (CSF) calcium and magnesium levels in patients with subarachnoid hemorrhage (SAH) following intracranial aneurysm rupture and their role in predicting clinical vasospasm during the post-operative period-A nested case-control study from a south Indian tertiary care center(JSAC/96/2021/067)
2. Extramural - ICMR STS Reference ID: 2023-01363 fund of Rs 50000 was approved for the ICMR-STS project by Dr.Ramesh.A.S. is the principal investigator for the project for "Assessment of Stress and Quality of Life among caregivers of patients with Traumatic Brain Injury.
3. Intramural fund of Rs.56000 is approved for the consultant Dr.Gopikrishnan-" Assessment of Longitudinal Changes in Retinal Nerve Fibre Layer and Ganglion Cell Layer with Inner Plexiform Layer thickness among patients of Hydrocephalus undergoing Ventriculo-Peritoneal shunt and Endoscopic Third Ventriculostomy surgeries"
4. Extramural fund of Rs.50000 is approved for the consultant Dr.Gopikrishnan-Assessment of Preoperative Sleep Quality and its association with Postoperative Pain among the patients Undergoing Elective Cranial Neurosurgery

Publications

1. Ravichandran P, Nandam K, **Mani M**, K M S, Srinivas BH. Giant calvarial metastasis from secondary Ewing sarcoma with chronic subdural hygroma in a childhood hematological cancer survivor - An unusual case report. Childs Nerv Syst. 2025 Mar 28;41(1):143.
2. Chandar Chinnarasan V, Bidkar PU, Swaminathan S, **Mani M**, Vairappan B, Chatterjee P, et al. Comparison of dexmedetomidine versus fentanyl-based total intravenous anesthesia technique on the requirement of propofol, brain relaxation, intracranial pressure,

neuronal injury, and hemodynamic parameters in patients with acute traumatic subdural hematoma undergoing emergency craniotomy: A randomized controlled trial. Surg Neurol Int. 2024;15:462.

3. Hamide A, Krishnamurthy AV, Kandan B, Bharati D, Ravichandran P, **Mani M**. Spinal subdural abscess following chronic meningitis - A rare manifestation of Mucormycosis. Trop Doct. 2024 Oct;54(4):389-391. doi: 10.1177/00494755241272932. Epub 2024 Sep 19. PMID: 39300844.
4. Rai A, **Rajasekar G**, Sahoo J, Kumari MM, Anbazhagan S. Anterior Pituitary Dysfunction After Traumatic Brain Injury: A Prospective Study. World Neurosurgery. 2024 Jul;S1878875024013287.
5. Kumar A, **Ahamed W**, Bhaisora KS, Sardhara JC, Raiyyani V, Srivastava A, et al. Management of Proximal (A1 Segment. Anterior Cerebral Artery Aneurysms: A Literature Review. Indian J Neurosurg. 2024;13:095–102.
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7. **Ahamed TW**, Kumar A, Shukla A, Raiyani V, Sasapardhi SB, Bhaisora KS, et al. C1–C2 Transarticular Screw with Sublaminar Wiring for Reducible Atlantoaxial Dislocation: Operative Technique and Surgical Nuances. J Spinal Surg. 2024;11:18–25.
8. Karre B, **Sasidharan G**. Olfactory evoked potential monitoring: Technical note and challenges faced. Neurol India 2024;72:1237–40.
9. Kumar P, Shanbhag NC, Chaudhari P, Mohanty B, Thakur R, **Sasidharan GM**. Radiolabeling and preclinical evaluation of technetium-99m labeled colistin. Appl Radiat Isot 2024;214:111524.
10. Devi BI, Jain C, Shukla DP, Bhat DI, **Sasidharan GM**. Challenges in Indian neurosurgical education and infrastructure: A call for strategic reforms. Ind J Neurosurg 2024a;13:189–189.
11. Devi BI, Jain C, Shukla DP, Bhat DI, **Sasidharan GM**. Prof. Vijay K. kak—in memoriam: October 15, 1937–August 15, 2024. Ind J Neurosurg 2024b;13:284–284.
12. Ravichandran P, Kundu R, Biswas R, **Anbazhagan S.** A rare isolation of Parvimonas micra from cerebellar abscess in a patient with complex cyanotic heart disease. Anaerobe. 2025 Jun;93:102943. doi: 10.1016/j.anaerobe.2025.102943. Epub 2025 Feb 1. PMID: 39894066.
13. Gopalakrishnan A, Ganesan S, **Ramesh AS**, Ramesh A, Penubarathi LK, Raja K, Lakshmanan J, Khushwaha A, Kaushal K, Alexander A. Do Anatomical Variations of Sphenoid Sinus Influence Sella Exposure and Residual Disease in Pituitary Surgery? - A Study in an Indian Population. Int Arch Otorhinolaryngol. 2024 Oct 25;28(4):e643-e649.
14. Singh, Arpana; **Ramesh, A.S**.; Adole, Prashant Shankarrao; Verma, Pooja. Serum Glial Fibrillary Acidic Protein and S100B Profiles in Severity and Outcome Assessment of Moderate and Severe Head Injury Patients in India. Current Medical Issues 22(4):p 187-194, Oct–Dec 2024.
15. Rao, Tejus M. N.; Kumar, V. R. Roopesh; **Ramesh, A.S**.; Barathi, Deepak. Minimally Invasive Laminoforaminotomy for Cervical Foraminal Narrowing Using Tubular Retractor System - A Prospective Study. Journal of Spinal Surgery 11(4): p 149-153, Oct-Dec 2024.
16. Vasipalli S, **Andi Sadayandi R**, Rajasegaran R, Nagaraju N, Ravi S, Sudarsan K. Stress and quality of life in caregivers of patients with traumatic brain injury: A cross-sectional study. J Neurosci Rural Pract. 2025;16:76-83.

Book chapters

Dr. Manoranjitha Kumari has co-authored 3 book chapters in ***Ramamurthi & Tandon's Textbook of Neurosurgery,*** **4th Edition. Awaiting Publication.**

1. Olfactory Groove Meningioma- Manas Panigrahi, **Manoranjitha Kumari**
2. Endoscopic Brain Tumor Surgery-Manas Panigrahi, **M.Manoranjitha Kumari,** Asit Roy
3. Non-Functioning Pituitary Adenoma-Manas Kumar Panigrahi, **M. Manoranjitha Kumari**, Ankur Patni

Department of Nuclear Medicine

Research and Publications

Grant Received (extramural and intramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Dhanpathi H	**20000 Euro**	**4 years**	**International Atomic Energy Agency (IAEA), Vienna**

Publications

Indexed Journals

1. Dhayalan K, Goyal H, Palanivelu P, Halanaik D. Utility of 18F-FDG PET/CT in Detecting Spinal Drop Metastases from Pineal Gland Tumors. Asia Oceania Journal of Nuclear Medicine & Biology. 2024;12(2):170-173. doi:10.22038/AOJNMB.2024.74259.1518
2. Meenakshi LA, Sundararaj SK, Palo A, Nellaiappan MH, Pandit N. False-Positive Iodine-131 Uptake Due to Wasp Sting. Indian Journal of Nuclear Medicine. 2024;39(2):158-159. doi:10.4103/ijnm.ijnm_12_24
3. Fathima TS, Sethi P, Ramkumar G, Halanaik D, Sathish S, Patil N. Intermodality Variability in Gross Tumor Volume Delineation for Radiation Therapy Planning in Oropharyngeal Squamous Cell Carcinoma. Advances in Radiation Oncology. 2024;9(5):101453. doi:10.1016/j.adro.2024.101453
4. Kote R, Ravina M, Goyal H, Mohanty D, Gupta R, Shukla AK, Reddy M, Prasanth PN. Role of textural and radiomic analysis parameters in predicting histopathological parameters of the tumor in breast cancer patients. Nuclear Medicine Communications. 2024;45(10):835-847. doi:10.1097/MNM.0000000000001885
5. Palui R, Sridharan K, Sahoo J, Suryadevara V, Kamalanathan S, Naik D, Halanaik D, Durgia H, Raj H. Role of bisphosphonates in hypertrophic osteoarthropathy: a systematic review. Endocrine. 2024;85(2):883-893. doi:10.1007/s12020-024-03804-5
6. Akshatha CR, Halanaik D, Ganesh RN, Kishore N, Ganesan P, Kayal S, Kumar H, Dubashi B. Assessment of novel prognostic biomarkers to predict pathological complete response in patients with non-metastatic triple-negative breast cancer using a window of opportunity design. Therapeutic Advances in Medical Oncology. 2024;16:17588359241248329. doi:10.1177/17588359241248329
7. Reddy M, Ravina M, Goyal H, Kumar A, Kote R. Nivolumab and Cabozantinib Immunotherapy Induced Thyroid Dysfunction Detected on 18 F-FDG PET/CT in Renal Cell Carcinoma. Clinical Nuclear Medicine. 2024;49(10):e523-e524. doi:10.1097/RLU.0000000000005407
8. Nair A, Ponnusamy M. Pathological Variables and Laboratory Values in Infants with Neonatal Cholestasis Showing Nonexcretion on Tc-99m Mebrofenin Hepatobiliary Scans: A Descriptive Study. Indian Journal of Nuclear Medicine. 2024;39(3):163-169. doi:10.4103/ijnm.ijnm_127_23
9. Ganesan H, Madivanane V, Dhayalane K, Sainath R, Goyal H. A Case of McCune Albright Syndrome With Rare Extensive Polyostotic Fibrous Dysplasia. Clinical Nuclear Medicine. 2025;50(7):e433-e434. doi:10.1097/RLU.0000000000005674
10. Sugumaran R, Bhuvaneswaran R, Saibaba J, Narayan SK, Sundarraj SK, Pandit N. The Usefulness of 131 I-MIBG Myocardial Scintigraphy in a Case of Pure Autonomic Failure - First Report in the Literature. Annals of Indian Academy of Neurology. 2025;28(3):445-447. doi:10.4103/aian.aian_990_24
11. Dhayalan K, Goyal H, Halanaik D, Ahamed S. The significance of cardiac inflammatory protocol of FDG PET-CT in the diagnosis and response assessment of tuberculous pericarditis: A case report. *Asia Ocean J Nucl Med Biol*. 2025;13(2):195-197. doi:10.22038/aojnmb.2025.80912.1580

Department of Obstetrics and Gynaecology

Research and Publications

Research Completed in 2024-25

Title: Comparison of pregnancy outcome between recurrent and new onset gestational diabetes mellitus. Dec 2024.-A prospective cohort study.

Conclusion: Multiparous women with Recurrent Gestational Diabetes Mellitus had a significantly higher proportion of a few adverse pregnancy outcomes when compared to new onset GDM. Future prospective studies with larger sample size are required to understand better about the maternal and perinatal outcomes in women with Recurrent GDM when compared to New Onset GDM in multiparous women. As adverse pregnancy outcomes are multifactorial; other confounders need to be studied to provide insight into the etiology in an effort to reduce the associated morbidity and mortality.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Haritha Sagili	36,160	2 years from 25-8-2024	Intramural
Gowri D	1.2 crore	Started 10th Feb 2025Approved,	ICMR
Murali S	89 lakh	2024-26	ICMR

Publications--Indexed Journals

1. Sankarappan P, Tejanaik P, Sagili H. Successful pregnancy in Takayasu's arteritis type III with complete infrarenal aortic block. BMJ Case Rep. 2024 Aug 21; 17(8): e260062.
2. Priyanka R, Sagili H, Sahoo J, Devi S. Pregnancy outcome in subclinical hypothyroidism with and without thyroid peroxidase antibodies-a prospective cohort study. Arch Gynecol Obstet. 2024 Oct; 310(4):1935-1944.
3. Magar RT, Tejanaik P, Sagili H. Third-Stage Complications Among In Vitro Fertilization Pregnancies: An Observational Study. Cureus. 2024 Jun 24; 16(6): e63038.
4. Radhika AG, Suneja A, Gupta R, et al. Clinical outcomes among Centchroman users across six medical college hospitals in India. Int J Gynecol Obstet. 2025; 00: 1-9.
5. Murali K, Mittapally A, Dorairajan G, Sivaranjani P. Cervical lymphadenopathy in pregnancy: Need for early biopsy. Int J Case Rep Images 2025; 16(1):76–79
6. Vignesh Durai, MS, Gowri Dorairajan, MD, DNB Prediction of Intra-abdominal Adhesions and Uterine Scar Grade Based on Abdominal Scar Characteristics in Women With a Previous Cesarean Section: A Diagnostic Accuracy Studyrevious Cesarean Section: A Diagnostic Accuracy Study. Index ePlasty.2025; 25:e5
7. V Durai, G Dorairajan, J Durairaj, V Ranjan, S Rengaraj Pregnancy and Advanced Cancer: Balancing Maternal and Foetal Health.International Journal of Gynecological Cancer 35 (2)
8. Sriram, S.N., Dorairajan, G. & Rane, A. Obstetric Anal Sphincter Injury after Episiometer-Guided Versus Conventional Episiotomy in Instrumental Deliveries: A Randomized Controlled Trial. Int Urogynecol J (2024). https://doi.org/10.1007/s00192-024-05917-x
9. Sharma J, Dorairajan G. Atypical progress of tuberculosis in the peripartum period: Report of a paradoxical reaction. Ann Natl Acad Med Sci (India) 2023-5-3 - (921).
10. Dorairajan G, Ravi S, Chinnakili P. The Effect of Preinduction Cervical Ripening With Synthetic Hygroscopic Dilators on Maternal Outcomes of Women with Previous Caesarean Pregnancy: A Single-Group Clinical Trial. J Pregnancy. 2024 Dec 19; 2024:8835464.
11. Kumar K, Dorairajan G, Chinnakali P, Durai V. Influence of COVID-19 Vaccination Covaxin on Menstrual Cycle among Adolescent Healthy Schoolgirls in South India. Indian J Public Health. 2024 Oct 1; 68(4):549-551.
12. Radhika AG, Gupta R, Suneja A, Dorairajan G, Aggarwal P, Ashok V, Suri V, Singla R, Nanda S, Chauhan M, Rani V (2024). Evaluation of long-term clinical outcomes among PPIUCD users at six medical college hospitals. International Journal of Reproduction, Contraception, Obstetrics and Gynecology. 13(11):3256.
13. Lanjewar P, Selvam S P, Sarkar A, et al. (November 26, 2024) Persistence of Uterine Artery Doppler Velocimetry Changes in Postpartum Mothers Following a Delivery Complicated by Preeclampsia: A Systematic Review. Cureus 16(11): e74497. doi:10.7759/cureus.74497
14. Sarkar A, Choudhary N, P S, Sivaranjani P, Shivam Pandey, Ghanashyam Bhoi, Charu Taneja. (July 24, 2024) Perioperative Supplemental Oxygen for the Prevention of Surgical Site Infection after Cesarean

Section: A Systematic Review of Existing Literature. Cureus 16(7): e65244.

15. Kanagavarshani M, Mittapally A, Dorairajan G, Sivaranjani P. Cervical lymphadenopathy in pregnancy: Need for early biopsy. Int J Case Rep Images. 2025
16. P S, Pegu B, Subbaiah M, D P, Manivannan P, Dorairajan G.
17. GNE-related severe congenital macro-thrombocytopenia in pregnancy. Obstetric Medicine. 2025; 0(0).
18. Venkatesh, Y.S., Subbaiah, M., Kavadichanda, C. et al. Pregnancy and Clinical Outcome among Women with Antiphospholipid Antibody Syndrome—A Tertiary Care Center–Based Observational Study. SN Compr. Clin. Med 2024; 6(14).
19. Veerasetty NK, Venkatachalam J, Subbaiah M; et al. Determinants of health literacy and its impact on glycemic control among women with gestational diabetes mellitus in a tertiary care hospital, Puducherry – A cross-sectional analytical study. J Educ Health Promot 2024; 13(1):119.
20. Balachandran DM, Subbaiah M, Dorairajan G. Primary aldosteronism during pregnancy and eplerenone use - a case report. Obstet Med. 2024 Dec; 17(4):230-232.
21. Muthu B, Manivannan P, Subbaiah M, Vanju S, Basavarajegowda A. Effect of fetal distress on viability and yield of umbilical cord blood stem cells-a prospective comparative study. Hematol Transfus Cell Ther. 2024 Dec; 46 Suppl 6(Suppl 6):S157-S162.
22. Mahadevan D, Venkatachalam J, Jayalakshmy R, Sasirekha R, Subbaiah M. Effect of Millets once a day on glycaemic Control among women with Gestational Diabetes Mellitus in a Tertiary Care Setting – A Randomized Controlled Trial. Indian J Endocrinol Metab.2024; 28(6): 581-588.
23. Muthu B, Basavarajegowda A, Subbaiah M, Manivannan P. Association of maternal and fetal factors with quality parameters of umbilical cord blood collected from mothers undergoing cesarean section. Asian Journal of Transfusion Science 2025; 10.4103.
24. Subbaiah M, Durai V, Dorairajan G. Complete Septate Uterus in Combination with Obstructed Hemi-Vagina with Ipsilateral Renal Agenesis in Combination with Accessory Ovary: A Rare Presentation. Videoscopy 2025; 35(1):1-2.

Book Chapters/Conference Proceedings

1. Mohan H., Sagili H. Amniotic fluid embolism. In: Dr Hrishikesh Pai (Series Editor), and Dr Surekha Tayade (Editor). Critical care in obstetrics.1st edition. 2025
2. "Postpartum care and contraception in cardiovascular disorder" in Textbook of advances in cardio obstetrics. Authors: Surekha Tayade, Sivaranjani P. Published in October 2024.
3. Diabetic ketoacidosis in Pregnancy" in the Textbook of Essentials in critical Obstetrics. Authors: Sivaranjani P, Rashmi Bagga. Published in January 2025.

Department of Ophthalmology

Research and Publications

Research Completed

1. Effect of hypertension on intraocular pressure, retinal nerve fibre layer thickness, visual fields and ocular blood flow.
2. Evaluation of Corneal Hysteresis Following Cataract Surgery by Phacoemulsification.
3. Change in ocular biomechanics following vitreoretinal surgery and its effect on intraocular pressure measurement using different modalities.
4. Comparison of postoperative pain in patients receiving standard of care treatment (conventional Bandage Contact Lens) vs other interventions (Bandage Contact Lens soaked in NSAID/ chilled Bandage Contact Lens/ chilled Bandage Contact Lens soaked in NSAID) after Trans-epithelial Photorefractive Keratectomy (PRK)- a double-masked randomized clinical trial.
5. Visual, refractive, and patient-related outcomes in laser-assisted in situ keratomileusis (LASIK) and transepithelial photorefractive keratectomy (TransPRK): an Observational study.
6. Short term functional and structural outcomes of foldable scleral fixated intraocular lens implantation in aphakic patients using extraocular needle guided haptic insertion technique- an observational study
7. Comparison of Subconjunctival Injection with Sponge Application of Mitomycin C in Two-site Phacotrabeculectomy – A Randomized Controlled Trial.

8. Assessment of Quality of Life, Psychological Status, and Eye Care Seeking Barriers in Patients with Sight-Threatening Diabetic Retinopathy: A Cross-Sectional Observational Study.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Nirupama Kasturi	INR 1,82,400	2024-2026	Intramural (JIPMER)
Dr. Geeta Behera	INR 195,000 + INR 38,000 = INR 2,33,000	2022-2024 & 2023-2025	Intramural (JIPMER)
	INR 393,875	2023-2025	Sponsored Trial: M/S Appasamy Associates
Dr Shreyas Temkar	INR 1,85,440	Nov 2022 - Jun 2025	Intramural (JIPMER)
Dr Karthikeyan Mahalingam	INR 99,53,465.58	2025-2026	Extramural (ICMR)

Patents applied for / awarded -

Dr Shashi Ahuja was informed about the grant of patent "Novel Use of OCT" Patent No. 470540 on 31 May 2024

Publications--Indexed Journals

1. Sharmila F, Singh MP, Shastry J, Phukan AC, Kaliaperumal S, Ratho RK, Ram J, Sathe M, Ingole A, Rathod D, Nongrum B, Thiruvengadam K, Parvez R, Malik V, Nagarajan M, Dhodapkar R. Epidemiology of Keratoconjunctivitis Across India from 2017 to 2019: A Multicentric Hospital-Based Study. Ophthalmic Epidemiol. 2024 Oct;31(5):439-447. doi: 10.1080/09286586.2023.2301572. Epub 2024 Feb 5. PMID: 38315809.
2. Suneel S, Kaliaperumal S, Kodidela S, Goud AC, Stephen M. Ocular Biometry and Genomic Association in Primary Angle Closure Disease. A Descriptive study. Rom J Ophthalmol. 2024 Oct-Dec;68(4):415-420. doi: 10.22336/rjo.2024.75. PMID: 39936063; PMCID: PMC11809818.
3. Bharathi M, Kaliaperumal S, Selvarajan S, Srinivasan R, Stephen M. Twenty-four Hour Ambulatory Blood Pressure Monitoring in Open Angle Glaucoma Suspects: A cross-sectional descriptive study. Rom J Ophthalmol. 2024 Oct-Dec;68(4):391-397. doi: 10.22336/rjo.2024.71. PMID: 39936056; PMCID: PMC11809820.
4. Kaliaperumal S, K K, Stephen M, P J. Effect of Phaco-trabeculectomy versus Phacoemulsification on Refractive Outcome - A Prospective Observational Study. Rom J Ophthalmol. 2025 Jan-Mar;69(1):83-87. doi: 10.22336/rjo.2025.14. PMID: 40330978; PMCID: PMC12049651.
5. Kushwaha A, Raja K, Penubarthi LK, Kasturi N, Ganesan S. Cryoprobe-Assisted Excision of Cavernous Hemangioma of the Orbit: A Clinical Case Report. Indian J Otolaryngol Head Neck Surg. 2024 Oct;76(5):4626-4629. doi: 10.1007/s12070-024-04651-6. Epub 2024 May 31. PMID: 39376425; PMCID: PMC11455788.
6. Stephen M, Kasturi N, Periyandavan J, Sahi A. A case series on minor incision cataract surgery in small pupil without any aids. Rom J Ophthalmol. 2024 Oct-Dec;68(4):349-361. doi: 10.22336/rjo.2024.65. PMID: 39936057; PMCID:PMC11809824.
7. Agarwal D, Kasturi N, Kaliaperumal S. Clinical spectrum and its association with recovery patterns in patients with acquired isolated ocular motor nerve palsies - an observational study. Strabismus. 2024 Sep;32(3):210-216. doi: 10.1080/09273972.2024.2363396. Epub 2024 Jul 8. PMID: 38973411.
8. Ramamoorthi S, Balasubramaniam VV, Agarwal D, Kasturi N, Gochhait D. FNAC Diagnosis Giant Cell Reparative Granuloma of the Orbit Masquerading as Malignancy. J Cytol. 2024 Jan-Mar;42(1):57-60. doi: 10.4103/joc.joc_167_23. Epub 2025 Feb 11. PMID: 40078340; PMCID: PMC11896118.
9. Khan FA, Kasturi N, Deb AK. Ocular dominance and its association with retinal thickness profile - A cross-sectional study. Indian J Ophthalmol. 2024 Aug 1;72(8):1181-1185. doi: 10.4103/IJO.IJO_203_24. Epub 2024 Jul 29. PMID: 39078963; PMCID: PMC11451776.
10. Stephen M, Kasturi N, Sahi A. Trombiculid Mite Infestation of the Eyelid. Ophthalmology. 2025 Jan 10:S0161-6420(24)00750-4. doi: 10.1016/j.ophtha.2024.11.025. Epub ahead of print. PMID: 39797900.
11. Kasturi N, Stephen M, Pavani P, Mohan P. Blue dot cataract with Sutural cataract: A rare association and its management. Rom J Ophthalmol. 2025 Jan- Mar;69(1):121-123. doi: 10.22336/rjo.2025.19. PMID: 40330968; PMCID: PMC12049654.
12. Behera G, Mahalingam K, Kaliaperumal S. Commentary on: Role of selective laser trabeculoplasty in India. Indian J Ophthalmol. 2025

Mar 1;73(Suppl 2):S225-S226. doi: 10.4103/IJO.IJO_2575_24. Epub 2025 Feb 21. PMID: 39982083; PMCID: PMC12013309.

13. Behera G, Kunnilethu R, Thirunavukarasu SC, Jayaraman R, Subramanyam T, Subramanian A. Comparing Intraocular Pressure, Ocular Blood Flow, and Retinal Nerve Fiber Layer Thickness in Early and Chronic Hypertensives With Normotensives. Curr Eye Res. 2024 Jun;49(6):631-638. doi: 10.1080/02713683.2024.2319774. Epub 2024 Feb 22. PMID: 38384233.
14. Behera G, Vijayan N, Murugesan R, Sangaraju S, Kasturi N, Sahi A, Jayasri P, Babu KR. Impact of an educational video in improving awareness of eye donation among non-medical health care workers in a tertiary health centre. Int Ophthalmol. 2024 Jun 27;44(1):289. doi: 10.1007/s10792-024-03189-4. PMID: 38937283.
15. Behera G, Sarkar S, Jayaseelan J, Parameswaran S. Herpetic Keratitis Following Treatment of Acute Antibody-Mediated Rejection in a Renal Transplantation Recipient. Cureus. 2024 Jan 5;16(1):e51711. doi: 10.7759/cureus.51711. PMID: 38222990; PMCID: PMC10784714.
16. Mahalingam K, Behera G. Commentary on: MNREAD acuity charts in regional languages. Indian J Ophthalmol. 2024 Nov 1;72(11):1657-1658. doi: 10.4103/IJO.IJO_925_24. Epub 2024 Oct 26. PMID: 39462925; PMCID: PMC11668211.
17. Ramamoorthy T, Manu Ayyan S, Deb AK. Diagnostic Value of Point-of-Care Ultrasound-Guided Assessment of Relative Afferent Pupillary Defect in Adult Ocular Trauma Patients Presenting to the Emergency Department: A Prospective Cohort Study. J Ultrasound Med. 2024 Jul;43(7):1343-1351. doi: 10.1002/jum.16458. Epub 2024 Apr 6. PMID: 38581178.
18. Stephen M, Temkar S, Periyandavan J, Basa K. A Brief Review on Adult-Onset Coats' Disease. Rom J Ophthalmol. 2024 Jul-Sep;68(3):212-218. doi: 10.22336/rjo.2024.40. PMID: 39464770; PMCID: PMC11503233.
19. Temkar S, Rajasekar G, Nair S, Deb AK. Intravitreal steroid-associated central serous chorioretinopathy. BMJ Case Rep. 2025 Jan 8;18(1):e263922. doi: 10.1136/bcr-2024-263922. PMID: 39778951.
20. Temkar S, Deb AK, Ramachandar H, Kamki I. Unusual Coats-like response in occlusive retinal periphlebitis. BMJ Case Rep. 2025 Jan 28;18(1):e263232. doi: 10.1136/bcr-2024-263232. PMID: 39875154.
21. Agarwal D, Temkar S, Ramachandar H, Kaliaperumal S. Florid neovascularization of the iris with a normal-appearing fundus: What next? Indian J Ophthalmol. 2024 Jul 1;72(Suppl 4):S541. doi: 10.4103/IJO.IJO_3289_23. Epub 2024 Jul 1. PMID: 38953130; PMCID: PMC11338432.
22. Deb AK, Sarkar S, Jacob N, Temkar S, Kaur A. A tale of two discs- normal to blurry, and the diagnostic dilemma! How to proceed? Indian J Ophthalmol. 2024 Apr 1;72(4):471-472. doi: 10.4103/IJO.IJO_1521_23. Epub 2024 Mar 28. PMID: 38546468; PMCID: PMC11149502.
23. Temkar S, Ramachandar H, Shah A, Manimaran PS. Valsalva retinopathy in a child on non-invasive ventilation: exploring the possible mechanisms. BMJ Case Rep. 2024 Apr 1;17(4):e258149. doi: 10.1136/bcr-2023-258149. PMID: 38565227; PMCID: PMC10989105.
24. Deb AK, Natarajan K, Temkar S, Sarkar S. Modified posterior assisted levitation of nucleus with infusion fluid from the anterior vitreous. BMJ Case Rep. 2024 May 8;17(5):e257033. doi: 10.1136/bcr-2023-257033. PMID: 38719247; PMCID: PMC11085894.
25. Dada T, Mahalingam K, Bhartiya S. Reversing Aging and Improving Health Span in Glaucoma Patients: The Next Frontier? J Curr Glaucoma Pract. 2024 Jul- Sep;18(3):87-93. doi: 10.5005/jp-journals-10078-1451. Epub 2024 Oct 29. PMID: 39575133; PMCID: PMC11576344.
26. Dhiman R, Singh D, Vanathi M, Tandon R, Mahalingam K. Biomechanical properties of cornea and ocular aberrations in myopic eyes. Indian J Ophthalmol. 2024 Apr 1;72(4):538-543. doi: 10.4103/IJO.IJO_1627_23. Epub 2023 Dec 15. PMID: 38099386; PMCID: PMC11149510.
27. Hirawat RS, Aron N, Mahalingam K, Gupta V, Angmo D, Dada T, Titiyal JS, Sharma N, Sihota R. Changes in confocal microscopy in glaucoma patients after intraocular pressure reduction with medical therapy. Indian J Ophthalmol. 2024 Jun 1;72(6):881-884. doi: 10.4103/IJO.IJO_1301_23. Epub 2024 Feb 5. PMID: 38317329; PMCID: PMC11232863.
28. Bukke AN, Midha N, Mahalingam K, Beri N, Angmo D, Sharma N, Pandey S, Dada T. Outcomes of bent ab interno needle goniectomy with phacoemulsification in moderate to severe primary open angle glaucoma. Indian J Ophthalmol. 2024 Sep 1;72(9):1280-1284. doi: 10.4103/IJO.IJO_1072_24. Epub 2024 Jul 11. PMID: 38990629; PMCID: PMC11552815.
29. Bukke AN, Mahalingam K, Dada T. Authors' Response to comment on "Outcomes of bent ab interno needle goniectomy with phacoemulsification in moderate to severe primary open-angle glaucoma". Indian J Ophthalmol. 2025 Mar 1;73(Suppl 2):S348. doi: 10.4103/IJO.

IJO_2481_24. Epub 2025 Feb 21. PMID: 39982099; PMCID: PMC12013296.

30. Angku H, Verma R, Mahalingam K, Naik A, Angmo D, Gupta S, Sihota R, Dada T. Evaluation of Visual Cortex Activity Using Functional Near-Infrared Spectroscopy in Primary Open Angle and Primary Angle Closure Glaucoma: A Pilot Study. J Glaucoma. 2024 Sep 1;33(9):624-631. doi: 10.1097/IJG.0000000000002427. Epub 2024 May 16. PMID: 38747728.
31. Ramanathan P, Kaliaperumal S, Sigamani V. Asymmetric & atypical Peter's anomaly presenting as Congenital glaucoma. Indian J Ophthalmol Case reports.Jan - March 2025; 5(1).

Publications -- Non-indexed Journals

1. Benita, Doris; Kaliaperumal, Subashini; Deb, Amit K.. Systemic risk factors for diabetic retinopathy in patients with type 2 diabetes mellitus- A cross-sectional study in a South Indian cohort. Kerala Journal of Ophthalmology 36(2):p 143-151, May–Aug 2024.
2. Nair, Shruti; Gera, Pratik; Kasturi, Nirupama; Bhade, Bhawana1. Sino-orbital aspergillosis masquerading as lacrimal sac malignancy. Indian Journal of Ophthalmology - Case Reports 5(1):p 114-116, Jan–Mar 2025. | DOI: 10.4103/IJO.IJO_1922_24
3. Deb, Amit Kumar; Murugan, Aroul; Stephen, Mary; Sangaraju, Suneel; Sarkar, Sandip; Jossy, Ajax. Prevalence and risk factors for retinopathy of prematurity in a tertiary care center in South India: A retrospective cross-sectional study. Odisha Journal of Ophthalmology 30(2):p 71-75, Jul–Dec 2023. | DOI: 10.4103/odjo.odjo_1_24. (Back dated issue of the journal, Published in July, 2024)
4. Gera, Pratik; Behera, Geeta; Babu, K Ramesh. Eye donation awareness – A public perspective. Indian Journal of Ophthalmology - Case Reports 4(4):p 1015, Oct–Dec 2024. | DOI: 10.4103/IJO.IJO_2886_23
5. Temkar, Shreyas; Murugesan, Vanathi. Cataract with diabetic retinopathy: Optimizing the visual outcomes. Indian Journal of Ophthalmology - Case Reports 4(3):p 611-613, Jul–Sep 2024.
6. Temkar, Shreyas; Nair, Shruti; Ramachandar, Hemanth; Agarwal, Disha; Deb, Amit Kumar. Dense perivenular clustering of microaneurysms: A pointer of leukemic retinopathy?. Indian Journal of Ophthalmology - Case Reports 4(4):p 964-966, Oct–Dec 2024.
7. Ramachandar, Hemanth; Temkar, Shreyas; Shah, Aahan; Agarwal, Disha; Deb, Amit K. Snakebite hemotoxin-induced unilateral retinopathy: Case report and review of the literature. Indian Journal of Ophthalmology - Case Reports 4(2):p 545-547, Apr–Jun 2024.
8. Dheepak Sundar, Temkar Shreyas, Shelkikar Shrinivas Shrimant. Introduction to pachychoroid spectrum diseases. Vitreoretina Society of India Newsletter. March 2025.

Department of Orthopaedics

Research and Publications

Research Completed – List of Projects

- **Comparison of plantar pressure changes in patients with anterior cruciate ligament injury during static and dynamic activities between normal and affected limb – A cross sectional study.** In this study, we have found the effect of anterior cruciate ligament (ACL) injury on center of pressure of foot through analyzing parameters like percentage of center of pressure (%COP) and maximum amplitude of center of pressure (MACOP). We also found significant differences in plantar pressure in ACL injury patients between affected and unaffected side during various static and dynamic maneuvers like walking, climbing and descending stairs. Dynamic balance deficits were found to be present, by using Y-Balance Test (YBT), which are consistent with prior research showing impaired postural stability in ACL-deficient patients. The results align with existing literature while providing unique insights into localized impairments specific to each foot type.
- **Comparison of pullout strength of different tendon suture techniques – A biomechanical study in fresh human cadaver tendons.** Double Loop Knotless technique is comparable to Standard Krackow technique with respect to load to failure, and is less traumatic to the tendon.
- A prospective analytical study on the effect of the timing of surgery on the quality of reduction in displaced fracture neck femur treated by cancellous screw fixation. On conclusion, this study emphasizes on importance of early surgical intervention and good quality reduction for better functional outcomes and also focusing on following basic principles during treatment planning and implementation.On combining data from the recent relevant studies such as Pandey et

al., Parker et al., Swiontkowski et al., Gavaskar et al., and others, proper gudelines in managing neck of femur fracture can be established and also focus on critical factors important in femoral neck fractures such as timing of surgery, quality of reduction, patient demographics, and procedural efficiency as key determinants of successful outcomes in orthopaedic practice. These findings can directclinicians toward evidence-based decision-making for optimizing surgical timing and techniques to improve patient outcomes in femoral neck fractures management effectively.

- A prospective observational CT based study of patients attending teritary center on the morphometric analysis of pelvis for finding the safe corridor in anterior and posterior coulumn of acetabulum for screw fixation. Conclusion: This study presents a robust, software-based methodology to accurately map safe screw corridors and dimensions in both anterior and posterior acetabular columns. By defining morphometric parameters of anterior and posterior column and the safe corridor, safe applicability of screws, quantifying corridor orientations, and identifying gender-based variations, it provides direct intraoperative guidance that enhances surgical precision, reduces the risk of cortical breaches, and ultimately supports safer, more effective management of acetabular fractures.
- Estimation of axial pull-out strength of cancellous screw in bone cement – a biomechanical experimental study comparing pull-out strength in cementation after screw placement vs cementation before screw placement. Conclusion – screw placement during the doughy phase provides optimal pull-out strength
- Fatigue testing of different treatment options for a bone cavity – a randomized in-vitro biomechanical cadaver study in proximal tibia of goat. Conclusion - Based on this in-vitro biomechanical study on goat cadaver we recommend treatment of bone cavity after intralesional curettage with bone cement supplemented with plate for maximum resistance to mechanical stress and early rehabilitation.

Grants obtained (Intramural and extramural)

Dr Jagadish Menon

- To study the effectiveness of Trauma Quality Improvement Programs(TQIP) in improving the trauma care outcomes at tertiary care hospitals in India – ICMR – INR – 65,73,000.

Dr.Pasupathy

- Establishment of national hospital based registry on venous thromboembolism (ICMR- National registry on venous thromboembolic diseases – 1 REGVED) with etiopathological analysis of unprovoked VTE at Jawaharlal Institute of Postgraduate Medical Education and Research. Co-Investigator – ICMR – INR 47,00,000.
- Efficacy of Ultrasound – guided Pericapsular nerve group (PENG) Block vs iliopsoas plane block in pain relief in the adult patients with hip fractures attending to the emergency department; A double blinded Randomized controlled trail. Co-investigator – JIPMER – INR- 2,00,000.
- Efficacy of bone marrow aspirate concentrate(BMAC) as compared to autograft in achieving spinal fusion in patients undergoing single level transforaminal lumbar interbody fusion (TLIF) – a Pilot RCT . PI – JIPMER – INR 2,00,000.

Dr Deep Sharma:

- Co-Principle Investigator for ongoing project on HIP fracture Accelerated surgical TreaTment (HIPATTACK – 2) Trial (Multinational, multicentre trial funded by the National Health Institute, USA). 0.28 lakh per case.
- Co-Principle investigator for ongoing TQIP Trial (Multicentre trial funded by the ICMR).

Publications--Indexed Journals

1. Menon J, Managing parental expectations: A necessary skill for paediatric orthopaedic surgeons [Editorial] . Indian J Orthop Surg 2024;10(4):299-299.
2. Amar AK, Panda L, Prasad K, Sawant AR, Manoharan M, Menon J, Sistla S, Prashanth K. Increasing Burden of Antibiotic Resistance in India Due to Co-existence of Multiple Classes of Carbapenem and Different Aminoglycoside Resistance Genes in Clinical Isolates of Acinetobacter baumannii. Current Microbiology. 2025 Mar;82(3):1-2.
3. Chandrashekar S, Jeyaraman M, Mounissamy P, Jeyaraman N, Khanna M, Gupta A. Safety and Efficacy of Bone-Marrow Aspirate Concentrate in Hip Osteoarthritis: A Systematic Review of Current Clinical Evidence. Indian Journal of Orthopaedics. 2024 Jul;58(7):835-44.
4. Akhil J, Sontakke Y, Balaji G. Histological Changes in the Blood Vessels of Ruptured Human Anterior Cruciate Ligaments. Cureus. 2024;16(9):e68989. doi: 10.7759/cureus.68989. PMID: 39385919; PMCID: PMC11463103.

5. Gandhi M, Balaji G, Menon J, Thomas RR. Does topical vancomycin prevent fracture-related infections in closed fractures undergoing open reduction and internal fixation? A randomised controlled trial. Chinese Journal of Traumatology. 2024;27(02):71-6.
6. Mounissamy P, Premraj AC, Chanadrashekar S, Jeyaraman N, Ramasubramanian S, Jeyaraman M. Effect of granulocyte colony-stimulating factor (G-CSF) in functional outcome of acute spinal cord injury patients: A single-blinded randomized controlled trial. Journal of Orthopaedics. 2025 Jun 1;64:97-101.
7. Mounisamy P, Suresh H, Chandrashekar S, Jeyaraman N, Jeyaraman M, Muthu S. Medial cortical reduction does not influence outcomes in geriatric intertrochanteric femur fractures treated with proximal femoral nail. World Journal of Orthopaedics. 2025 Apr 18;16(4):106862.
8. Jungwirth-Weinberger A, Kasparek MF, Pattabiraman K, Sain A, Muellner M, Scheidl T, Haider O, Muellner T. Influence of Mechanical Deformity on Joint Line Reconstruction. Journal of Clinical Medicine. 2025 Feb 14;14(4):1264.
9. Kasparek MF, Jungwirth-Weinberger A, Pattabiraman K, Loucas M, Hulmani D, Muellner M, Scheidl T, Haider O, Muellner T. High Accuracy of Restoration of the Individual Hip Anatomy Using Custom-Made Prostheses in Total Hip Arthroplasty. Journal of Clinical Medicine. 2025 Mar 20;14(6):2115.
10. **Shiva S, Nema SK, Tripathi SK, Saraswathy KP.** Twofold expression of receptor tyrosine kinase 2 (ROR2) in giant cell tumors of bone: outcome of a case–control study. *Indian J Surg Oncol.* 2024 Dec;15(4):694–698. doi:10.1007/s13193-024-01965-3.
11. Kaganur R, Jaisankar P, Sarkar B, Paul N, Azam MQ. Dual Joystick Technique for Reduction of Torsional Profile in Pediatric Supracondylar Humerus Fracture With Delayed Presentation. Journal of Pediatric Orthopaedics. 2024 Aug 1;44(7):414-20.

Department of Paediatrics

Research and Publications

Research Completed in 2024-25

1. Probiotic supplementation in improving symptom control among children with moderate to severe asthma: a double-blind randomized trial.

   Conclusion: once daily supplementation with a multi-strain probiotic (1.1 billion CFUs) for 12 weeks, when added to standard asthma therapy, did not lead to a significant improvement in overall asthma symptom control, the number or severity of exacerbations, pulmonary function, laboratory parameters (IL-5, IL-4, AEC) in children with moderate to severe asthma.
2. Identification of risk factors for mortality in Tertiary care pediatric ICU in India: An observational study

   Our prospective observational study reported a 28-day mortality of 22.1%. In our study, we found that 65.4% required invasive mechanical ventilation (IMV), with a median duration of 40 (10-120) hours, 34.8% children required inotropic support with median duration of 42 (18-120) hours and 9.2% required kidney replacement therapy. The median duration of PICU stay was 9 (4-18) days. The significant risk factors for mortality identified include age more than 5 years, severe acute malnutrition, PRISM III predicted mortality, being shifted from ward to PICU, severe ARDS, mGCS less than 8 or a fall by more than 3, shock as the indication for IMV, requirement of more than 0.6 FiO2, predominantly distributive shock, a higher vasoactive inotropic score and requirement of only non-invasive ventilation
3. Efficacy of National Iron Plus Initiative programme in maintaining the iron status of children aged 1 year to 5 years – A cohort study

   Biweekly iron and folic acid supplementation improved iron status in children aged 1 to 5 years with iron sufficiency.
4. Clinical profile, Etiology and Outcome of children aged day 0 to 1 year with neonatal cholestasis: A cohort study

   The most common aetiology of neonatal cholestasis noted was biliary atresia, with higher morbidity and mortality. Therefore, early diagnosis will improve the outcome. Persistent pale stool was strongly associated with extrahepatic causes.
5. Intravenous cyclophosphamide therapy in children with calcineurin inhibitor-resistant steroid-resistant nephrotic syndrome in a resource-limited setting

   In pediatric steroid-resistant nephrotic syndrome (SRNS), calcineurin inhibitors (CNIs) are recommended as first-line therapy, with efficacy ranging between 60 and 80%, implying that a

substantial proportion will exhibit CNI resistance. Which alternate immunosuppressive therapy should be used in non-genetic pediatric SRNS exhibiting CNI resistance is especially relevant in low- to middle-income countries (LMIC), where the prohibitive costs of certain drugs such as monoclonal antibodies often determine therapy choice. This study concluded that it is prudent to try intravenous cyclophosphamide in CNI-resistant SRNS in LMIC, given the reasonable cost and good efficacy rates (58.6%).

6. Clinical characteristics and outcomes of children with unilateral multicystic dysplastic kidney: A cohort study

   Limited information is available from India regarding the clinical profile and outcomes of multicystic dysplastic kidneys (MCDK) in children. The objectives of this cohort study were to study the patterns of clinical presentation and outcomes in children with unilateral MCDK. The study concluded that majority of cases (92.4%) of MCDK had been detected antenatally. The rate of involution was 32.1% at a median follow-up of 60 (32, 87) months. Although 28.3% of cases of MCDK had abnormalities in the contralateral kidney, progression of CKD to a higher stage occurred only in 3 (2.8%) cases.

7. Clinical characteristics and short-term outcomes of children with primary hyperoxaluria type 2: a nationwide experience

   Three types of primary hyperoxaluria (PH) are recognized. However, data on PH type 2 (PH2) are limited. This study concluded that PH2 should no longer be considered an innocuous disease, but rather a potentially aggressive disease with early age of presentation, and possible rapid progression to CKD stages 3-5 in childhood in some patients. A recurring mutation in the GRHPR gene (c.494 G > A variant) was identified in 60% of cases.

8. Clinical characteristics of children with WDR72-associated distal renal tubular acidosis: a nationwide experience

   Limited data, primarily from small case series, exist regarding the clinical profile, genetic variants, and outcomes of WDR72-associated distal renal tubular acidosis (WDR72-dRTA). This study concluded that WDR72-dRTA should be considered in children with typical features of amelogenesis imperfecta and distal RTA (dRTA). Biallelic nonsense variants in the WDR gene are common in Asians. While most patients respond well to treatment with improved growth and preserved eGFR, on long-term follow-up, a decline in eGFR may occur.

9. Clinical and etiological profile of children with non-azotemic refractory rickets: A cohort study

   There is paucity of information on diseases causing non-azotemic refractory rickets from India. This study aimed to evaluate the clinico-etiological profile of children with non-azotemic refractory rickets at a referral hospital in south India. Distal RTA (dRTA), X-linked hypophosphatemic rickets and cystinosis were the commonest causes of non-azotemic refractory rickets. The c.2573C>A variant in exon 19 of SLC4A1 gene was a recurring variant in dRTA with south East Asian ovalocytosis. A total of 11/72 (18.03%) children with non-azotemic refractory rickets progressed to CKD stage 2 or greater during their median (IQR) follow up period of 8 (3, 17) years.

10. Utility of sweat conductivity test in suspected Cystic Fibrosis patients from a highly consanguineous population.

    Sweat conductivity test was performed in 104 patients with suspected CF. Sensitivity and specificity calculated using best and worst case scenarios and the plotted ROC curve showed that the best cut off value was 55 mmol/L, corresponding to 81.8% sensitivity and 80.6 % specificity. Sweat conductivity was concluded to be a useful CF screening test for south Indian Tamils with reasonably high best sensitivity and specificity of >80% at the cut-off of ≥55 mmol/L.

11. Development of a new Amplicon Sequencing approach to identify CFTR variants in suspected Cystic Fibrosis Patients

    We developed a new LA-PCR based Amplicon Sequencing approach to identify known and novel variants in *CFTR* gene. Our method has significant advantage over conventional sequencing approaches by enhancing variant detection, providing accuracy, adequate sequencing depth, and coverage of the non-coding regions of the *CFTR* gene. Our new method thus presents a cost-effective and reliable approach to look for significant variants with disease causing potential.

12. Clinical Correlation of Significant Variants in Genes at Multiple Loci Reported on Genetic Tests Conducted for Diagnostic Purpose in Children: An analytical study.

    We conclude that the likelihood of a dual diagnosis or double trouble should be considered when the clinical picture is unusual or shows greater severity than anticipated.

13. Factors associated with noncompliance to 18 months' follow-up program among high-risk newborns; a cohort study.

Fifty-four infants (36%) were compliant to 18 months corrected age follow up. The most common reasons for noncompliance, as reported by the parents, was 'child is fine' (27.2%) and 'long-distance' (21.6%). Gestational age ≥32 weeks (aOR= 4.43, 95% CI 1.71 – 11.47, p= 0.002), distance ≥50 km from the hospital (aOR= 2.47, 95% CI 1.32 – 4.64, p= 0.005) and normal developmental with no genetic disorders/ major malformations (aOR= 3.26, 95% CI 1.19 – 8.96, p= 0.02) were found to be significantly associated with noncompliance.

14. Neurodevelopmental outcome in children with congenital hypothyroidism between 6 to 42 months of age – A cross-sectional analytical study.

    Conclusion: Children with congenital hypothyroidism had lower cognitive, language and motor standard scores compared to normal children as assessed by the BSID IV scale.

15. Effect of Zinc Supplementation on Glycemic Control in Children with Type 1 Diabetes Mellitus (T1DM): A Randomized, Double-Blind Controlled Study.

    Conclusion: Zinc supplementation did not have any effects on control in children with type 1 diabetes.

16. Differentiating first episode of viral wheezing by assessing response to salbutamol nebulization in children 6 months to 2 years of age admitted as bronchiolitis.

    Conclusion: In children with bronchiolitis presenting predominantly with wheeze, bronchodilator response predicts better treatment outcome when they are managed as episodic viral wheezers.

17. Persistence of Asthma Symptoms beyond 6 Years of Age Among Episodic Viral Wheezers and Multi Trigger Wheezers-A Retrospective Cohort Study.

    Conclusion: Persistence of asthma symptoms at 6 years of age was more likely to be associated with the Multi Trigger Wheeze phenotype rather than the Episodic Viral Wheeze phenotype. A personal history of atopy, along with triggers such as smoke exposure, exercise and emotions are likely risk factors for persistence of asthma symptoms. The majority of children with the MTW phenotype are likely to remain within the same phenotype and are associated with poor long term lung function.

18. Treatment related toxicity profile in children with acute lymphoblastic leukemia/ Lymphoblastic lymphoma aged 1 month to 15 years during induction chemotherapy - A prospective cohort study

    Conclusion: The results obtained from our study showed the prevalence and profile of treatment related toxicities, with hematological and infectious toxicities being the most prevalent. The results of the study highlight the importance of understanding the profile of treatment related toxicities, the timing and severity of these toxicities and treatment delays, so that we can anticipate them, and preventive measures can be taken. Weight loss and treatment delay were observed in almost half of the study cohort. Also, nutrition should be given ample importance and measures can be taken to improve nutritional status, by monitoring weight and triceps skin fold thickness in these children, especially in the initial 3 weeks. Along with weight, TSFT should also be measured, which is a better predictor of nutritional status and has an additional edge over the weight in predicting toxicities.

19. Occurrence of cardiac dysfunction in children from 5-18 years of age with transfusion dependent thalassemia syndrome- a descriptive study

    Conclusion: These results showed that, of the 32 participants in our study, 25 children had cardiac dysfunction, with only 5 of those cases showed reversibility. From this we infer that regular availability of Iron chelators and frequent transfusion will increase the chance of reversibility. Echocardiogram and Electrocardiogram can be used as a non-invasive diagnostic tool to screen cardiac dysfunction in resource limited settings.

20. Mycophenolate Mofetil in Frequently Relapsing and Steroid-Dependent Nephrotic Syndrome – A Cohort Study: The study evaluated 101 children with FR/SDNS on MMF. MMF was efficacious in 75.2% of patients, with 28.7% remaining relapse-free. Responders saw significant reduction in relapse rates from 3.5 to 0.7 relapses/person-year and 59.7% reduction in cumulative steroid dose in 1st year and 90.5% reduction in 2nd year. MMF is an efficacious steroid-sparing agent for FRNS/SDNS. Efficacy was superior with higher doses of MMF, though it was independent of age at initiation or prior therapies.

21. Seroconversion After Varicella Vaccination and Post-Varicella Infection in Children and Adolescents with Nephrotic Syndrome –A Cross-Sectional Study: Two-hundred children with idiopathic NS (58.8% males), received varicella vaccine. Overall seroconversion rate was 64.5% with median VZV-IgG titres of 179 [62.4, 450.8] IU/L. Clinical phenotype, degree of immunosuppression, disease status (relapse or remission), and time elapsed since vaccination all influenced antibody titres and seroconversion. Notably, vaccination shortly after steroid cessation yielded seroconversion rates comparable to the overall cohort, supporting the efficacy of this strategy. Breakthrough varicella occurred in 1.5%. Therefore, varicella vaccination appears beneficial

for children with nephrotic syndrome, as evidenced by significant seroconversion and low breakthrough varicella rates.

22. Assessment of protein energy wasting in children with chronic kidney disease: A cross-sectional study: A cross-sectional study was conducted over a 6-month study period from September 2023 to February 2024, on children aged 2-18 years with CKD stage 2-5D, under follow-up at Pediatric nephrology services, JIPMER over a 12-year period (2012-2024). The prevalence of PEW ranged from 13.3% to 27.3% depending on the definition used with increased prevalence in advanced CKD stage 5. Children with modified PEW were more likely to be severely wasted and severely underweight ($p < 0.001$).
23. Outcomes of acute stylet peritoneal dialysis in pediatric patients with acute kidney injury: A retrospective review: Over a 10-year span (January 2014-September 2023), 202 children; 57% males, with a median age of 11 (3.6, 30) months underwent PD. Acute PD with a rigid catheter limited to 72 hours appears safe and feasible in resource-constrained settings where soft Tenckhoff PD catheters are not easily available, though peritonitis rates increase with increasing cumulative duration on PD.
24. Clinical characteristics and outcomes of children and adolescents with lupus nephritis: Seventy-six children (79% girls) with median (IQR) age at diagnosis being 11 (9,13) years were studied. Proliferative lupus nephritis was the major histological subtype. At median last follow-up of 2.3 (1.3, 5.5) years with 93.4% kidney-survival rate, 41(51.9%), 22 (27.8%) and 13 (16.5%) were in CR, PR, and NR respectively. Kidney flares and progression to CKD stage 2-3 were significantly higher in PR vs. CR group. RPGN at onset, response to immunosuppression, and cellular crescents predicted kidney outcomes. Both intravenous cyclophosphamide and mycophenolate mofetil are effective in inducing remission in class 3 and 4 lupus nephritis
25. Incidence and short-term outcomes of acute kidney injury classified by the pROCK criteria in critically ill children: A cohort study The incidence of AKI by pROCK was found to be 31.3% compared to 36% by KDIGO criteria. Additional 5% patients (likely to be false positive) were labelled to have AKI as per the KDIGO criteria, in comparison to pROCK criteria. There was good agreement between pROCK and KDIGO criteria for identifying 'No AKI' ($k=0.8$) and 'severe AKI' ($k=0.70$). While KDIGO offered the highest sensitivity (100%), pROCK had the highest specificity (98.7%). The pROCK criteria was shown to be an independent predictor of mortality. This study concluded that the pROCK criteria had comparable diagnostic performances with the KDIGO criteria, with the added advantage of specificity, thereby able to better identify 'true AKI'.
26. Audit of pediatric kidney biopsies from a tertiary care center

    A retrospective review of consecutive patients <18 years of age who underwent kidney biopsy in a tertiary care center from October 2016 to February 2023 was done. Data was retrieved from the medical records and kidney biopsy register. The indications and complications of pediatric kidney biopsies performed were analyzed. The study concluded that kidney biopsies are safe procedures with low complication rates when performed by trained pediatric nephrologists. Nephrotic syndrome, rapidly progressive glomerulonephritis and lupus nephritis constitute the most common indications for kidney biopsy in this cohort.
27. The Cascade of care for Tuberculosis Evaluation and Treatment initiation among under/malnourished children attending Pediatric Outpatient Department in a selected tertiary care centre, Puducherry.

    The study highlights critical gaps in the TB care cascade among undernourished children, particularly in screening and diagnostic evaluation. Strengthening systematic TB screening in pediatric OPDs, ensuring adherence to diagnostic guidelines, enhancing healthcare provider training and clinical algorithms for TB screening and diagnosis are essential to enhancing early detection and treatment outcomes. Addressing these gaps is crucial for reducing the TB burden in undernourished children and advancing national and global TB elimination goals.

Grants obtained (Intramural and extramural)

No.	Name of Faculty/ Title	Amount	Period of grant	Grant agency
1	***Dr Niranjan Biswal*** Probiotic supplementation in improving symptom control among children with moderate to severe asthma: a double blind randomized trial. Dated 23rd August 2023,proposal no.8	₹ 200000	23.08.2022 to 22.08.2025	JIPMER Intramural
2	***Dr Sriram Krishnamurthy*** Setting up of registry and targeted exome sequencing in children with renal tubular disorders (Principal investigator from JIPMER in a multicentric project) **No. 33/12-2/2019-TF/Rare/BMS dated 4.12.2019 (IEC approval no. JIP/IEC/2019/491)**	₹ 222480 per year for 3 years (to JIPMER)	1.7.2021 (for 3.5 years)	Indian Council of Medical Research (ICMR)
3	***Dr Sriram Krishnamurthy*** Costing and Outcomes of PEdiatric (COPE) CKD- A multicentre prospective database from 3 low/low middle income countries (**IEC approval no. JIP/IEC/2022/011 dated 9.3.2022**)	₹ 12, 22, 780 (overall project amount for all 7 centres participating in the study)	2022 (Two years)	International Society of Nephrology (ISN)
4	***Dr Sriram Krishnamurthy*** Evaluation of cardiovascular morbidities of pediatric lupus nephritis: A cross-sectional study **(IEC approval letter JIP/IEC-OS/ 184/2023 dated 9.8.2023)**	₹ 50411	2023 (2 years)	JIPMER (Intramural grant)
5	***Dr Sriram Krishnamurthy*** Evaluation of Hepatitis B seroprotection in children and adolescents with lupus nephritis: A cross-sectional analytical study ***(JIP/IEC-OS/ 2024/120 dated 3.7.2024)***	₹ 38850	2024 (2 years)	JIPMER (Intramural grant)
	Dr. Reena Gulati National Registry for Rare and Other Inherited Disorders	₹1,10,770 + ₹ 29,664	5 years + 2 year extension	ICMR
	Dr. Reena Gulati Molecular characterization of X-linked adreno-leukodystrophy: Unravelling the role of modifier genes	₹54,75,000	3 years	DBT
	Dr. Reena Gulati Skill development program in Biotechnology (Genetic counselling**)**	₹97,55,000	3.5 years	DBT
	Dr. Reena Gulati Study on Polio and Non-Polio enterovirus infections in patients with Primary Immuno-deficiency Disorders (PIDs) at multiple medical institutes across India -	Funding – per patient enrolled	2 years	WHO-ICMR

No.	Name of Faculty/ Title	Amount	Period of grant	Grant agency
	Dr. Reena Gulati Genetic analysis of paediatric patients with cystic fibrosis or cystic fibrosis like disease.	₹ 5,75,000	3 years	JIPMER
	Dr. Reena Gulati Comparison of supplementation with 2000 IU vs 4000 IU of vitamin D on bone mineral density in patients with Duchenne muscular dystrophy- A double blind randomised controlled trial.	₹2,00,000/-	2 years	JIPMER
6	***Dr Nivedita Mondal as site PI*** Congenital Rubella Syndrome Surveillance in India	₹ 5,88,160/-	2024-25 (Study started in 2020)	National Institute of Epidemiology
7	***Jaikumar G.R.*** Persistent lymphopenia for age, 1-2 weeks after discharge following an episode of acute febrile illness in children aged 29 days to 5 years: A cohort study	₹ 2,00,000	2023-25	JIPMER (Intra mural grant)
8	***Bobbity Deepthi*** Seroconversion after Varicella vaccination and post-Varicella infection in Children and Adolescents with Nephrotic syndrome"	₹ 1,21,898	2023-2025	Intramural
9	***Bobbity Deepthi*** Evaluation of renal functional reserve in patients with primary vesicoureteric reflux.	₹ 1,00,460	2023-2025	Intramural
10	***Bobbity Deepthi*** Seroprotection after standard dose (10mcg) versus augmented dose (20mcg) hepatitis B vaccine in children and adolescents with chronic kidney disease stages 2-5D: a randomised controlled trial	₹ 1,18,000	2023-2025	Intramural
11	***Dr Sudarsan K*** "Periprocedural antibiotic prophylaxis compared to placebo in preventing voiding cystourethrography-associated urinary tract infection in children – A randomized controlled trial" (IEC approval no: JIP/IEC-IS-8/ 1124/139)	₹ 15,625	2 years (Jan 25 – Jan 27)	JIPMER Intramural grant
12	***Dr Sudarsan K*** "A multicentre observational study to explore aetiology of childhood cystic kidney diseases in India (CCKD - India)" (IEC approval no: JIP/IEC-OS/ 2022/382)	₹ 30 lakhs	2 years (Jan 23 - Dec 24)	ICH, Kolkata
13	***Dr Sudarsan K*** "Kidney outcomes at 12-18 months corrected age in preterm infants born before 35 weeks of gestation: A cohort study" (IEC approval no: JIP/IEC-OS/ 2023/360)	₹ 2 lakhs	2 years (July 23 – July 25)	JIPMER Intramural grant

No.	Name of Faculty/ Title	Amount	Period of grant	Grant agency
14	***Dr Sudarsan K*** "Comparison of the efficacy of steroid tapering over 4-weeks with 8-weeks in children with frequently relapsing or steroid dependent nephrotic syndrome on a steroid-sparing agent presenting with a relapse - A non-inferiority randomised controlled trial" (IEC approval no: JIP/IEC-IS/ 2024/04/49)	₹ 2 lakhs	2 years (Jan 24 – Jan 26)	JIPMER Intramural grant

Patents applied for / awarded

Dr Narayanan and Dr Gnanou Florence Sudha, faculty of Pondicherry Engineering college was awarded a patent on "Non-Invasive Body Fluid monitor" on 21-6-2024. The patent no. being 542571.

Publications--Indexed Journals

1. Sravani M, Biswal N. An Unusual Manifestation of a Common Tropical Infection: Correspondence. Indian J Pediatr. 2024 Aug;91(8):865. doi: 10.1007/s12098-024-05067-4. Epub 2024 Feb 9. PMID: 38332431.
2. Arun A, Biswal N, Anantharaj A. Acute Myocardial Infarction in an Adolescent. Indian J Pediatr. 2025 Apr;92(4):452. doi: 10.1007/s12098-025-05452-7. Epub 2025 Feb 14. PMID: 39951034.
3. Abimannane A, Deepthi B, Bhowmick R, Parameswaran N. Clinical Profile and Outcomes of Children with Acute Liver Failure in a Tertiary Care Centre in South India: A Retrospective Study. Pediatr Gastroenterol Hepatol Nutr. 2024 Jan;27(1):43-52.
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10. Saiteja P, Deepthi B, Krishnasamy S, Sravani M, Krishnamurthy S. Intravenous cyclophosphamide therapy in children with calcineurin inhibitor-resistant steroid-resistant nephrotic syndrome in a resource-limited setting. Pediatr Nephrol. 2024 Apr;39(4):1149-1160.
11. Vandana G, Karunakar P, Krishnasamy S, Sivakumar RR, Deepthi B, Kumar BH, Palanisamy S, Ananthakrishnan R, Krishnamurthy S. Clinical Characteristics and Outcomes of Children with Unilateral Multicystic Dysplastic Kidney: A Cohort Study. Indian Pediatr. 2025 Mar;62(3):203-209. doi: 10.1007/s13312-025-00006-8. Epub 2025 Mar 3. PMID: 40126836.
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15. Sravani M, Krishnasamy S, Deepthi B, Gowtham BC, Palanisamy S, Parameswaran N, Krishnamurthy S. Experience of continuous kidney replacement therapy in a tertiary care unit of a lower-middle-income country. Pediatr Nephrol. 2025 Jan 31. doi: 10.1007/s00467-025-06674-9. Epub ahead of print. PMID: 39888434.
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21. Sravani M, Deepthi B, Krishnasamy S, Sambandan K, Krishnamurthy S. Silicate Calculi: A Rare Form of Pediatric Nephrolithiasis. Indian J Pediatr. 2024 Aug;91(8):862.
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27. Kaur R, Kumaravel S, Mondal N. Parental non-compliance to childhood safety practices: A cross-sectional study. Indian J Med Res. 2024 Jul;160(1):128-131. doi: 10.25259/ijmr_1508_23. (corresponding author)
28. Natarajan AS, Delhikumar CG, Senthil Kumar GP, Mondal N, Sasirekha R. One Milligram Versus Two Milligram Intramuscular Vitamin K to Prevent Late-Onset Haemorrhagic Disease in Young Infants: A Randomized Controlled Trial. Indian Pediatr. 2025 Feb 15;62(2):116-120. doi: 10.1007/s13312-025-3374-6.
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30. Gokulakrishnan R, Delhikumar CG, Senthilkumar GP, Sahoo J, Kumar RR. Chronic Inflammatory Markers in Overweight and Obese Children: A Cross-sectional Analytical Study. Indian J Endocrinol Metab. 2024 Sep-Oct;28(5):542-547. doi: 10.4103/ijem.ijem_353_23. Epub 2024 Sep 4.

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32. Singaravadivelu P, Ramamoorthy JG, Delhi Kumar CG. Clinical Outcome and its Predictors in Children with Newly Diagnosed Immune Thrombocytopenia. Indian Pediatr. 2024;61(6):527-532
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34. Devanathan N, Philomenadin FS, Panachikuth G, Jayagandan S, Ramamurthy N, Ratchagadasse VR, Chandrasekaran V, Dhodapkar R. Emerging lineages A2.2.1 and A2.2.2 of human metapneumovirus (hMPV) in pediatric respiratory infections: Insights from India. IJID Reg. 2024 Nov 12; 14:100486. doi: 10.1016/j.ijregi.2024.100486.
35. Narayan AS, Ramamoorthy JG, Parameswaran N, RamKumar G, Kayal S. Central Venous Catheter-associated Venous Thromboembolism in Children: A Prospective Observational Study. J Pediatr Hematol Oncol. 2024;46(7): e544-e549.
36. Ramamoorthy JG, Avinash A, Karunakar P, et al. Longitudinal Echocardiographic Follow-Up of a Pediatric Multisystem Inflammatory Syndrome Cohort. Turk Kardiyol Dern Ars. 2024;52(3):189-198.
37. Thangavel NP, Parameswaran N, Manivannan P, Ramamoorthy JG. Monocytic Human Leukocyte Antigen-DR Expression Levels to Predict Outcome in Children with Severe Sepsis. Indian Pediatr. 2024;61(9):845-850.
38. Grewal A, Bansal B, Mittal C, et al. Knowledge and attitude on childhood cancer survivorship among healthcare trainees: a multicentre study from India. Fam Med Community Health. 2024;12 (Suppl 2): e002618.
39. Kalyanaprabhakaran B, Kumar VR, Ramamoorthy JG, Karunakar P, Gunasekaran D, Jindal B. Extensive perineal ecthyma gangrenosum in leukocyte adhesion deficiency type 1 associated with Staphylococcus hominis bacteremia. Pediatr Dermatol. 2024;41(3):501-503.
40. Sravani M, Karunakar P, Ramamoorthy JG, Gulati R. Atypical Presentation of Two Concurrent Atypical Clinical Variants of Hepatitis A Infection in an Adolescent. Pediatr Infect Dis J. 2024;43(1): e23-e24.
41. Mohan AR, Balaji PS, Lakra N, Rangan RS, Selvan T, Mandal J. A case of Vibrio pelagius in a child with inflammatory bowel disease. Indian Journal of Medical Microbiology. 2025 Jan 1; 53:100783.

Publications -- Non-Indexed Journals

1. Reddy S, Krishnamurthy S. Complications of nephrotic syndrome. Child India (monthly e-newsletter of Indian Academy of Pediatrics) 2024; 9; 25-31.
2. Sugumar K, Chidambaram AC, Ramamoorthy JG. Etiology and Clinical Profile of Pediatric Acquired Demyelination Syndromes of the Central Nervous System: An Ambispective Longitudinal Study from South India. Indian Journal of Clinical Medicine. 2024. Epub ahead of print. Available from doi:10.1177/26339447241297011
3. Krishnasamy S, Mishra OP, Singh A, Dua P. Recent advances in pediatric nephrology. Indian J Pract Pediatr. 2024; 26:257-68

Book Chapters/Conference Proceedings

Book chapters:

1. Narayanan P, Sudeep, Sivamurukan P, Gowthan BC, Sandip, Sreedeep KS. Bedside primer for the pediatrician in PICU. Souvenir, 26th National pediatric ICU conference, Pedicriticon 2024.
2. Gowtham BC, Sivamurukan P, Narayanan P. Brain Death: Emergency Department Perspective. Handbook of Pediatric Emergency.
3. Krishnamurthy S. Nephrolithiasis. In: Partha's IAP Textbook of Pediatrics. 8Th edition. PSN Menon, MKC Nair, Piyush Gupta, Ramachandran Padmanabhan, Ritabrata Kundu, Alok Gupta, Eds. Jaypee Publishers, New Delhi p. 1061-1067
4. Krishnamurthy S. Proteinuria and nephrotic syndrome. In: Learning through Multiple choice questions in Pediatrics for MD and DM students. Eds. Piyush Gupta. Jaypee Publishers, New Delhi 2025 p. 1526-1538.
5. Karunakar P, Delhikumar CG. Chapter 3: Nutrition. In: Arun Babu T, Editor. Pediatrics for Medical Graduates-2nd ed, Gurgaon (India): Elsevier; 2024.
6. Krishnasamy S, Mantan M. Nephrological considerations in children with disorders of sexual development. In: Children with Differences in Sex Development- Taking a Multidisciplinary Management Approach. 1st Edition. Eds. Simmi K. Ratan. Springer Publishing Company
7. Krishnasamy S, Bagga A. Acute Kidney Injury. In: Pediatric Nephrology. 7th Edition. Eds. Bagga A, Srivastava RN. Jaypee Brothers Medical Publishers.

Department of Paediatric Surgery

Research and Publications

Research Completed in 2024-25

1. **Study of outcomes of Thoracoscopic vs open Congenital diaphragmatic Hernia repair: an Ambispective study**

   This study compared thoracoscopic repair (TR) and open repair (OR) for congenital diaphragmatic hernia (CDH) across multiple metrics, including surgical outcomes, complication rates, and recovery times. The findings highlight several key insights:TR is associated with quicker extubation, faster feed initiation, and shorter hospital stays, particularly for smaller defects such as those involving the stomach and spleen. These benefits reflect the reduced postoperative trauma and enhanced recovery typically associated with minimally invasive techniques.

2. **Comparison of serum insulin like factor 3 and Testicular elastography between normal Children and children with unilateral Undescended testis-a cross-sectional.**

   his study highlights significant differences in elasticity between operated undescended testes and normal controls, and significant differences in hormonal levels (testosterone and INSL3) in the cord blood sample of newborns with undescended testes. The findings suggest that shear wave elastography (SWE) can be a valuable tool for assessing testicular stiffness and monitoring post-surgical outcomes. Furthermore, variations in hormone levels indicate a possible endocrine disruption in children with undescended testes, particularly in INSL3 and testosterone.

OBSERVATIONAL STUDYICMR(STS) approve Undergraduate Project:

1. Retrospective comparative outcomes of laparoscopic single-stage VILO (Vessel Intact Laproscopic Orchiopexy) and two-stage Fowler-Stephens orchiopexy in nonpalpable undescended testes.
2. Stone clearance rate and types of stone in pediatric urolithiasis surgery

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Bibekanad Jindal	1.5 lalkh	2024-2025	JIPMER
Bikash Kumar Naredi	60000/	2024-2025	ICMR
Krishna Kumar G	1.5 Lakh	2024- 25	JIPMER

Publications — Indexed Journals

1. Borkar N, Tiwari C, Nair A, Sinha CK, Ratan SK, Naredi BK. Single dartos flap versus double dartos flap in hypospadias repair: A systematic review and meta-analysis with trial sequential analysis and fragility index. Urologia. 2024 Feb12:3915603241231058.doi: 10.1177/03915603241231058. Epub ahead of print. PMID: 38345023.
2. Singh A, Pogorelić Z, Agrawal A, Muñoz CML, Kainth D, Verma A, Jindal B, Agarwala S, Anand S. Utility if Ischemia induced Albumin as biomarker of Acute Appendicitis: A systematic Review and meta-anaysis.
3. J Clinical Med 2023 Aug 24; 12:548613. Geminiganesan S, Kumar AR, KumaravelS, Priya CM, Arunaa S, Babu R.Comparison of Urinary Biomarkers in Diagnosis of Ureteropelvic Junction Obstruction and Differentiation from Nonobstructive Dilatation. Journal of Indian Association of Pediatric Surgeons. 2024 Mar 1;29(2):104-9.hominis bacteremia. Pediatric dermatology 2024;41:501-503
4. Balamurugan Kalyanaprabhakaran, Venkataraman Ranjith Kumar, Jaikumar Govindaswamy Ramamoorthy, Pediredla Karunakar, Dhandapany Gunasekaran, Bibekanand Jindal. Extensive perineal ecthyma gangrenosum in leukocyte adhesion deficiency type 1associated with Staphylococcus hominis bacteremia. Pediatricdermatology 2024;41: 501-503.
5. Re-edited the chapter on Pediatric Germ Cell Tumour in the 2 nd edition of IAPS Textbook of Pediatric Surgery- in Press
6. Praharaj I, Reddy SN, Nair NP, Tate JE, Giri S, Thiyagarajan V, Mohan VR, Revathi R, Maheshwari K, Hemavathy P, Kumar N. Infectious etiology of intussusception in Indian children less than 2 years old: a matched case-control analysis. Gut Pathogens. 2024 Oct 23;16(1):61.
7. Kaur R, Kumaravel S, Mondal N. Parental non-compliance to childhood safety practices: A cross-sectional study. The Indian Journal of Medical Research. 2024 Sep 30;160(1):128.
8. Geminiganesan S, Kumar AR, Kumaravel S, Priya CM, Arunaa S, Babu R. Comparison of urinary biomarkers in diagnosis of ureteropelvic junction obstruction and differentiation from nonobstructive

dilatation. Journal of Indian Association of Pediatric Surgeons. 2024 Mar 1;29(2):104-9.

9. Geminiganesan S, Srinivasan RB, CD MP. WCN25-1641 UTILITY OF URINARY BIOMARKERS IN THE DIAGNOSIS AND PROGNOSIS OF CHILDREN WITH HYDRONEPHROSIS. Kidney International Reports. 2025 Feb 1;10(2):S701.
10. Sravani M, Deepthi B, Krishnasamy S, Sambandan K, Krishnamurthy S. Silicate calculi: a rare form of pediatric nephrolithiasis. Indian Journal of Pediatrics. 2024 Aug;91(8):862-.
11. Pediatric Robotic Pyeloplasty In book: Minimal Access Pediatric Surgery: An Illustrated Practical Book.
12. Gunasekaran V, Chaturvedi G, Thanneeru SK, Gupta A, Ahmad R. Innovative Approach to Chest Wall Reconstruction Using Autologous Tissue–The Fascia Lata in Pediatric Patients. Journal of Indian Association of Pediatric Surgeons. 2024 Jul 1;29(4):381-3.
13. Thanneeru SK, Kiran M, Padala SR, Gupta A, Ahmad R, Chanchlani R, Gunasekaran V, Agarwal A, Sharma PK. Ultrasound-guided procedures for postoperative pain management in pediatric patients undergoing abdominal surgeries: a systematic review. Saudi journal of anaesthesia. 2024 Apr 1;18(2):240-8.
14. Govindarajan KK. Current status of the biliary tract malformation. World J Clin Pediatr. 2024 Jun 9;13(2):91268. PMID: 38948002; PMCID: PMC11212751
15. Govindarajan KK. Dysbiosis and colonic adenoma: The lethal link? World J Clin Oncol. 2024 Oct 24;15(10):1376-1378. PMID: 39473869; PMCID: PMC11514503
16. Adarsh SA, Toi PC, Govindarajan KK. Pancreatic heterotopia. Pediatr Surg Trop 2024; 1(4): 258-261.
17. Govindarajan KK. Relevance of epidemiology data in trauma management. World J Clin Cases. 2025 Mar 26;13(9):101115. PMID: 40144483; PMCID: PMC11670019.
18. Kumaravel Sambandan, Krishna Kumar Govindarajan. Pediatric Robotic Pyeloplasty. In: Rasiklal Shah,Ramesh Babu, Prakash Agarwal, VVS Chandrasekharam (eds). Minimal Access Pediatric Surgery: An Illustrated Practical Book. IEd, Paras, Hyderabad. 2025. pp 357-67
19. Govindarajan KK. Current understanding of adult nephrotic syndrome: Minimal change disease. World J Nephrol 2025;14(1): 101930. PMID: 40134646; PMCID: PMC11755233.
20. Govindarajan KK. Revisiting malignant gastric outlet obstruction: Where do we stand? World J Gastrointest Endosc 2025; 17(1): 100472. PMID: 39850907; PMCID: PMC11752472

Department of Pathology

Research and Publications

Research Completed

1. Structure-function relationship of haemoglobin variants and development of a thalassemia/ haemoglobinopathy registry in a tertiary care hospital in South India. Characterization of β-thalassemia alleles was done in 92 cases, comprising 40 index cases and 52 family members. IVS I-5(G>C) was the most common mutation detected, accounting for 78%, followed by Cd 15(G>A) at 5.3% of all mutant alleles. Uncharacterised mutant alleles in the study accounted for 4.5%.
2. Clot waveform analysis of activated partial thromboplastin time in Haemophilia - an exploratory cross-sectional analytical study The half-time of fibrin formation, velocity, and acceleration were reduced in severe hemophilia. The research helped in understanding the different patterns of the waveform of hemophilia. The parameters of CWA showed significant results between normal and hemophilia cases. The parameters of CWA-APTT show a significant correlation with Factor VIII.
3. Assessment of pdl-1 expression and tumour infiltrating lymphocytes in early gastric carcinoma and locally advanced gastric carcinoma and their prognostic utility (JIP/IEC-OS/2022/038). From our study, we conclude that dense intratumoral lymphocytes (iTILs) dense stromal TILs (sTILs) and PDL-1 expression is more associated with the intestinal type of gastric carcinoma. Mild iTILs, mild sTILs and PDL-1 negativity is associated with diffuse type of gastric carcinoma. This study also suggests that PDL-1 expression and TILs may be a predictive factor for immunotherapy using PD-1/ PDL-1 pathway inhibitors.
4. Rapid Acetylcholine esterase Histochemistry in the intraoperative diagnosis of Hirschsprung Disease - A pilot Study (JIP/IEC-OS/2023/013). The rapid AChE histochemistry method demonstrated high specificity (100%) and positive predictive value (100%) in diagnosing HD, ensuring reliable identification

of positive cases. Rapid AChE histochemistry is an accurate and highly helpful auxiliary method that is added to the intraoperative diagnosis of HD. Although routine H&E and rapid AChE stain methods show similar sensitivity and specificity, rapid AChE stain has an advantage over the routine method due to the reduced turnaround time.

5. Comparative study of decalcification of surgical pathology bone specimens using 10% formic acid and 10% nitric acid by conventional and incubation method. The nuclear morphology by incubation method (both formic acid and nitric acid) is superior to the conventional method. Microtomy artefacts were less in the conventional method than the incubation method. Using an incubator for decalcification significantly reduces decalcification's turnaround time (TAT). It is good, economical and readily available for bone decalcification.
6. Validation of flow cytometry assay using FLAER based panel in the detection of Paroxysmal nocturnal hemoglobinuria (PNH) clone (JIP/IEC-OS/2023/010). Overall, this study highlights the significance of each phase of the testing process and emphasizes the importance of validating the MFC-based PNH assay for the accurate detection of minor/rare PNH clones, which are often missed in less sensitive tests. This can improve patient outcomes by enabling prompt treatment and accurately determining the response to therapy.

Grants obtained (Intramural and extramural) Tabular format only

Name of the Faculty	Amount (Rs)	Period of Grant	Grant Agency
Dr. Rakhee Kar	13,20,000	2021-2024 (Completed)	ICMR (SRF grant) [PhD Guide]
Dr. Rakhee Kar	50,000	2022-2024 (completed)	JIPMER intramural grant [MSc MLT Pathology Guide]
Dr. Rakhee Kar	2,00,000	2023-ongoing	JIPMER intramural grant [MD Pathology Guide]
Dr. Rakhee Kar	2,00,000	2023-ongoing	JIPMER intramural grant [MD Pathology Guide]
Dr. N. Siddaraju	1,23,555/-	01-09-2023	Intramural grant (JIPMER)
Dr. N. Siddaraju	1,98,475/-	01-09-2023	Intramural grant (JIPMER)
Dr. Rajesh NG	1,05,27,280/- per year (Rs.5,26,36,400 /- received so far)	2019 – Ongoing	DHR-ICMR
Dr. Rajesh NG	43,00,000/-	2017-2020	DBT-ePromis
Dr. Rajesh NG	40,00,000/-	2020-2023	DST-SERB
Dr Pampa Ch Toi	1,99,525/-	April 2022-May 2024	Intramural Grant
Dr Pampa Ch Toi	50,000/-	January 2023-June 2024	Intramural Grant
Dr Pampa Ch Toi	200000/-	2023 -2026	Intramural Grant
Dr BH.Srinivas	200000/-	2023-2025	Intramural Grant
Dr BH.Srinivas	200000/-	2023-2025	Intramural Grant
Dr BH.Srinivas	407880/-	2023-2026	Intramural Grant
Dr BH. Srinivas	50000/-	2024-2025	Intramural Grant
Dr. J. Sree Rekha	1,78,326/-	2024 - 2026	Intramural Grant (JIPMER)
Dr. Debasis Gochhait	50,000/-	March 2023 – April 2024 (13 months)	Intramural grant (JIPMER)
Dr. Debasis Gochhait	50,000/-	March 2024 onwards	Intramural grant (JIPMER)
Dr. Debasis Gochhait	50,000/-	May 2024 onwards	Intramural grant (JIPMER)

Name of the Faculty	Amount (Rs)	Period of Grant	Grant Agency
Dr. Debasis Gochhait	2,00,000/-	May 2025 onwards	Intramural grant (JIPMER)
Dr. Prabhu. M	50,000/-	March 2023 – April 2024 (13 months)	Intramural grant (JIPMER)
Dr. Prabhu. M	2,00,000/-	January 2024 to till date (18 months)	Intramural grant (JIPMER)
Dr. Prabhu. M	2,00,000/-	September 2024 till date (18 months)	Intramural grant (JIPMER)
Dr. Prabhu. M	6,00,000/-	July 2024 till date (24 months)	Competitive intramural faculty project (JIPMER)

Publications--Indexed Journals

1. Aggarwal M, Kar R. Iron Deficiency anemia Therapy: Hepcidin, Dosing, Formulations and Adjuvants. Indian Journal of Hematology and Blood Transfusion. 2025 Mar 29:1-3.
2. Anandraj J, Sivanatham P, Kar R, Kar SS. Profile of Risk Factors for Non-Communicable Diseases (NCDs) among Tribal Population in and Around Puducherry–Results of a Community-Based Cross-Sectional Survey, 2018–19. Indian Journal of Community Medicine. 2025:10-4103.
3. Yadav V, Veeramani R, Kar R, Priyadarshini R, Kayal S, Dubashi B, Ganesan P. A limited low-cost method to identify subgroup of B cell-Acute Lymphoblastic Lukemia (B-ALL) with overexpressed CRLF2, JAK2, ABL1–results from a prospective study. Indian Journal of Hematology and Blood Transfusion. 2025 Jan 23:1-0.
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Publications -- Non-indexed Journals

1. Ravi S, Balasubramaniam V, Kannan N, Manivannan P, **Kar R**. Multicentric Castleman disease involving the bone marrow in an immunocompetent patient masquerading as a non-Hodgkin lymphoma – A diagnostic conundrum. J Hematol Allied Sci. 2025; 5:103-8. doi: 10.25259/JHAS_21_2024
2. Kuppusamy D, Nanda N, Delhi Kumar CG, Vinod KV, Mandal AK, **Kar R**. Oxygen dissociation curve characteristics of common hemoglobin variants and its potential implications: A brief report. J Hematol Allied Sci. doi: 10.25259/JHAS_41_2024
3. Sekar S, Adithan S, Gantait S, Siddaraju N, Shankar G. Diagnostic performance of thyroid imaging reporting and data system (TIRADS) and acoustic radiation force impulse imaging (ARFI) in detection of malignant thyroid nodules: A cross-sectional study, JCDR (J Clin Diagn Res)2025;19 (3): TCO1-TCO6.
4. Thambiraj P, Stephen N, Gochhait D, Siddaraju N. Benign metastasizing tumor or benign epithelial inclusion in the node: A diagnostic dilemma. Indian Journal of Pathology and Oncology 2024;11(2):216–217

Book Chapters/Conference Proceedings

1. Narasimhapriyan Kannan, Rakhee Kar, Rahul Naithani. Myelodysplastic Neoplasm (MDS)-Pathogenesis, Diagnosis and Management; ICP-ICH Monogram on Advances in Haemato-oncology, Chapter 8, 107-126, Eds: HP Pati & RK Jena, Jaypee brothers 2024

Monographs/Manuals/Reports

1. Dr. Rakhee Kar was a contributor in Indian College of Hematology Nutritional Anaemias in India Guidelines for Diagnosis and Management. 1st Ed, Edr. Sasidharan PK, Jaypee Brothers Medical Publishers (P) Ltd; 2024

Department of Pharmacology

Research and Publications

Research Completed

1. **Title:** Study on availability, storage, dispensing practices and use of medicines in selected public health facilities of Puducherry (PhD project guided)

   Conclusion: We found that educational interventions targeted towards the prescribers, patients and pharmacists could improve the WHO prescribing and patient care indicators as well as the dispensing practices in health facilities.

2. **Title:** Epigenetic variations in breast cancer and response to neoadjuvant chemotherapy in a south Indian Population (PhD project guided)

   Conclusion: A lower methylation index of BRCA1 was associated with better response to NAC. Patients with adverse drug reactions to three cycl20es of FEC had a reduced expression of miR-192-5p.

3. **Title:** Phase-II clinical trial of metformin and valproic acid combination as add-on therapy to standard treatment in patients with non-squamous non-small cell lung cancer(MD dissertation guided)

   Conclusion: The ORR, PFS and OS were 50%, 9.9 months and 14.5 months respectively with addition of metformin and valproic acid to standard chemotherapy for advanced non-squamous NSCLC. The intervention was tolerable with manageable adverse effect and improved the quality of life of patients.

4. **Title:** Assessment of Medication regimen complexity and its impact on medication adherence among patients attending a tertiary care center.

   Conclusion: This study provides valuable insights into the factors influencing medication regimen complexity and adherence among patients in a tertiary care center. The mean total MRCI score was 27.19 ±12.56, indicating a moderate level of medication complexity. The medication complexity, as measured by the MRCI, is influenced by various demographic and medication-related factors. The findings highlight the need for personalized, patient-centered approaches to medication management to reduce regimen complexity and improve medication adherence. Future research should explore strategies to simplify medication regimens and support medication adherence, particularly among older, unemployed, and socioeconomically disadvantaged patients with multiple chronic conditions.

5. **Title:** "Effect of probiotics supplementation on hormonal profile, levels of inflammatory biomarkers and oxidative stress in women with Polycystic ovarian syndrome - a randomized double blind placebo controlled trial"

   Conclusion: Multistrain probiotic supplementation at a dose of 10 billion colony-forming units administered once daily for 12 weeks as an add-on therapy to the standard treatment in PCOS women had beneficial effects or significant reduction in the total testosterone Levels compared to placebo. It did not affect the biomarkers of inflammation like hs-CRP and oxidative stress markers like TAC and MDA levels compared to placebo.

Grants obtained (Intramural and extramural)

Extramural

S.No.	Name of the Faculty	Amount (Rs.)	Period of Grant	Grant Agency
Infrastructure development funding				
1.	Dept of Pharmacology To create a state of art small animal imaging facility for the new animal house, JIPMER	230 lakhs	4 years 2022-2026	DST-FIST (Level 1)
Research funding				
1.	Dr M.Jayanthi	18 lakhs	3 years	ICMR
2.	Dr Girish C	24,62,475/-	3 years	ICMR Ad-hoc
3.	Dr Girish C	29,11,360/-	3 years 2023-26	ICMR Ad-hoc
4.	Dr.R.Kesavan	7,20,153/-	1.5 years	ICMR

S.No.	Name of the Faculty	Amount (Rs.)	Period of Grant	Grant Agency
5.	Dr. Priyadharsini R (PI)	1,62,24,148/-	3 years	ICMR-National Task Force project
6.	Dr. Priyadharsini R (Guide)	50,000/-	1 year	ICMR STS
7.	Dr Mirunalini R (As PI of the collaborating Institute)	45,00000	2 years	DBT, Govt. of India
8.	Dr.Suganthi S. (As Co-PI)	55,00,000/-	3 years	ICMR
9.	Dr Anusha. N (Site PI)	₹ 93,03,537	2 years	ICMR - SRUM

Intramural

S.No.	Name of the Faculty	Amount (Rs)	Period of Grant	Grant Agency
1.	Dr M.Jayanthi	2 lakhs	2 years 2024-26	JIPMER
2.	Dr M.Jayanthi	2 lakhs	2 years 2024-26	JIPMER
3.	Dr Girish C	2,000,00/-	3 years 2024-27	JIPMER
4.	Dr Girish C	2,000,00/-	3 years 2024-27	JIPMER
5.	Dr Girish C	2,000,00/-	3 years 2025-28	JIPMER
6.	Dr. Priyadharsini R (Ph.D thesis – Co-guide)	Rs. 5,25,000/-	5 years (2019-2024)	JIPMER
7.	Dr. Priyadharsini R (Co-guide)	Rs. 2,00,000/-	2 years 2023-2025	JIPMER
8.	Dr. Priyadharsini R (Guide)	Rs. 2,00,000/-	2 years 2022-2024	JIPMER
9.	Dr. Priyadharsini R (guide)	Rs.5,000/-	2024-2026 (3 years)	JIPMER
10.	Dr. Priyadharsini R (guide)	Rs.2,00,000/-	2024-2026 (3 years)	JIPMER
11.	Dr. Priyadharsini R (Co-guide)	Rs.2,00,000/-	2 years 2025-2027	JIPMER
12.	Dr Mirunalini R (Guide)	Rs 2,00,000/-	2 years 2023-2025	JIPMER
13.	Dr Mirunalini R	Rs 2,00,000/-	2 years 2024-2026	JIPMER

S.No.	Name of the Faculty	Amount (Rs)	Period of Grant	Grant Agency
14.	Dr Mirunalini R (As coguide Transfusion Medicine JIP/IEC/OS/173-2023)	Rs 2,00,000/-	2 years 2024-2026	JIPMER
15.	Dr.Suganthi S. (As PI)	Rs. 2,00,000/-	2 years January 2024- January 2026	JIPMER
16.	Dr.Suganthi S. (As PI)	Rs. 2,00,000/-	2 years January 2024- January 2026	JIPMER
17.	Dr Anusha N	Rs. 1,42,000/-	2 years, June 2024 – June 2026	JIPMER

Publications--Indexed Journals

1. Tripathi S, **Mathaiyan J**, Kayal S, Nachiappa Ganesh R. The Role of Circulating MicroRNAs in the Prediction of Response to Neoadjuvant Chemotherapy in Locally Advanced Breast Cancer in the Indian Population. Cureus. 2024 May 2;16(5):e59553. doi: 10.7759/cureus.59553. PMID: 38832155; PMCID: PMC11144582.
2. Kadam A, Mamulwar M, Bhambure G, Bembalkar S, Bapat S, Mane A, Rajure S, **Mathaiyan J**, Shafiq N, Prinja S, Ramanathan Y, Mehendale SM, Deotale VS, Khadanga S, Bhattacharya S, Gogoi G, Walia K, Panda S, Gangakhedkar R, Attal R, Mandal J, Ramanathan V, Ray P, Chatterjee S. Incremental cost of treating antimicrobial-resistant infections among hospitalised patients in India: a cohort study. BMJ Open. 2024 Dec 22;14(12):e086505. doi: 10.1136/bmjopen-2024-086505. PMID: 39806697; PMCID: PMC11664386.
3. Sood N, Hamide A, Dubashi B, **Jayanthi M**, Munirajan AK. Influence of PSMB6 and PSMB9 Genetic Polymorphisms on Bortezomib-Based Therapy Response in Newly Diagnosed Multiple Myeloma. Cureus. 2025 Mar 24;17(3):e81081. doi: 10.7759/cureus.81081. PMID: 40271316; PMCID: PMC12017296.
4. Rockson C, **Girish C**, Harivenkatesh N, Vikas Menon. Across-sectional trait vs state biomarker analysis of inflammatory cytokines and miRNAs in patients with major depressive disorder. Indian J Psychol Med. 2025;47(1):57-64. DOI: 10.1177/02537176241279110
5. Vinusha V, **Girish C**. Discovering vaccines: The trial tale. Naunyn-Schmiedeberg's Arch Pharmacol. 2025;398: 363-77. doi: 10.1007/s00210-024-03368-1.
6. D Reka, **C Girish**. Plant based vaccines against viral hepatitis – A panoptic review. World J Virol. 2024; 13(3): 97162 [DOI: 10.5501/wjv.v13.i3.97162]
7. Reddy AV, Kesavan R, **Priyadharsini R**, Deva R. Unlocking the therapeutic potential and personalized therapy of testosterone: a comprehensive review. Drug Metab Pers Ther. 2024;40:1–11. doi:10.1515/dmpt-2024-0035
8. Kumar S, **Ramasamy K**, Natarajan H, Venkatraman S, Eriyat V, Kundra P. Impact of genetic variants on fentanyl metabolism in major breast surgery patients: a candidate gene association study. Pharmacogenomics. 2024;25:595–603. doi:10.1080/14622416.2024.2429365
9. Dhivya E, **Kesavan R**, Pradeep NP. Impact of ABCB1 genetic polymorphism on carbamazepine dose requirement among Southern Indian persons with epilepsy. Drug Metab Pers Ther. 2024;39:27–34. doi:10.1515/dmpt-2023-0054
10. Eerike M, Raj GM, **Rajendran P**, Nayak V, Mathai P, Karra VK, et al. Exploring the knowledge and attitudes of physicians on polypharmacy and deprescribing in clinical practice: a cross-sectional study. Maedica. 2025;20:371. doi:10.26574/maedica.2025.20.2.371 (Original research article)
11. **Priyadharsini R**, Eerike M, Varatharajan S, Ramaswamy G, Raj GM, et al. Assessing the efficacy of the ARMOR tool–based deprescribing intervention for fall risk reduction in older patients taking fall risk–increasing drugs (DeFRID Trial): protocol. JMIR Res Protoc. 2024;13(1):e55638. (Original research article)
12. Nagaya R, **Priyadharsini R**, Deva R, Jagadeesh Y, Emmanuel P, et al. Optimizing antibiotic treatment for diabetic foot infections: a study from a tertiary public healthcare center in Puducherry, South India. Cureus. 2024;16(5). (Original research article)
13. Yadav V, Veeramani R, Kar R**, Priyadharsini R**, Kayal S, Dubashi B, et al. A limited low-cost method to identify subgroup of B cell-acute lymphoblastic leukemia (B-ALL) with overexpressed CRLF2, JAK2, ABL1 – results from a prospective study. Indian J Hematol Blood Transfus. 2025;1–10. (Original research article)

14. Yadav V, Raveendranath V, Ganesan P, Kar R, **Priyadharsini R**, et al. Immunophenotypic characteristics and cytogenetic analysis of adolescent and young adult B-cell acute lymphoblastic leukemia: correlations with clinicopathological parameters. Cureus. 2024;16(9). (Original research article)
15. Lalitha V, **Priyadharsini R**, Murugaiyan S, Vaithiyanathan P. Assessment of cognitive function among pregnant women with anemia in the early and late trimester of pregnancy. Cureus. 2024;16(12). (Original research article)
16. Venugopal L, **Priyadharsini R**, Murugaiyan S, Harini I. Internet addiction and sleep quality among school children in South India. Cureus. 2024;16(9). (Original research article)
17. Reddy AV, Kesavan R, **Priyadharsini R**, Deva R. Unlocking the therapeutic potential and personalized therapy of testosterone: a comprehensive review. Drug Metab Pers Ther. 2025;40:1–11. (review)
18. Natarajan A, **Priyadharsini R**, Xaviar S, Sugumaran R. Subclinical hypothyroidism and plasma levels of commonly prescribed anti-seizure medications. Int J Basic Clin Pharmacol. 2024;13(6). (Original research article)
19. Natarajan A, Kumar B, **Rajendran P**. Development and validation of self-administration medication error tool. Int J Res Med Sci. 2025 Mar;13(4):1555–62. doi:10.18203/2320-6012.ijrms20250981 (Original research article)
20. Arifunhera J, **Mirunalini R**. An update on the pharmacotherapy of postpartum depression. Int J Gynecol Obstet. 2025; 168: 933-943. doi:10.1002/ijgo.15980
21. Gowda, N., **Ravichandran, M**., Indrajithu, J. et al. Addition of thalidomide for prevention of chemotherapy-induced nausea and vomiting in the second cycle after the failure of four-drug regimen in the first cycle. Med Oncol 42, 121 (2025). https://doi.org/10.1007/s12032-025-02655-y
22. Xaviar S, **Natarajan A**, Selvaraj N, Joseph P. Knowledge, attitude and practice towards sunscreen use among undergraduate medical students in a tertiary care teaching hospital in South India: a cross-sectional study. Int J Basic Clin Pharmacol. 2024;13(4):498–501. doi:10.18203/2319-2003.ijbcp2024-5609
23. **Natarajan A**, Priyadharsini R, Xaviar S, Sugumaran R. Subclinical hypothyroidism and plasma levels of commonly prescribed anti-seizure medications. Int J Basic Clin Pharmacol. 2024;13(6):859–863. doi:10.18203/2319-2003.ijbcp20243035
24. **Natarajan A**, Kumar B, Sandesh R. Self-administration practices and errors in epilepsy patients of a tertiary care hospital: a cross-sectional observational study. Int J Med Sci Adv Clin Res. 2025; [Epub ahead of print].
25. **Natarajan A**, Kumar B, Rajendran P. Development and validation of self-administration medication error tool. Int J Res Med Sci. 2025; [Epub ahead of print].
26. Kumar B, **Natarajan A**. Advances in alopecia: from diagnosis to treatment. Int J Med Sci Adv Clin Res. 2025; [Epub ahead of print].
27. Kumar B, **Natarajan A.** Co-Clinical Trial: An innovative platform for drug development. Int J Med Sci Diagn Res. 2025;9(2):1–36. doi:10.32553/ijmsdr.v9i2.1053
28. Kumar A, Konduru RK, Rajaram S, M M, **Natarajan A**, Cherian JJ et al. Implementation of inter-departmental Collaborative Medication Review to reduce potentially inappropriate medication use in hospitalized elderly patients: a mixed methods study protocol. JMIR Res Protoc. 2025; [Epub ahead of print]. doi:10.2196/69626

Publications -- Non-indexed Journals

1. C Rockson, **C Girish**, N Harivenkatesh, Vikas Menon. Prevalence of major depression and dysthymia among outpatient attendees at a tertiary healthcare psychiatric facility in South India. Clin Epi Global Health. 2024; 26:101536.
2. Venkatraman S, **Ramasamy K**, Desingu R, Prasath D, Navinraja KV, Selvam P. Operation anti-microbial resistance intervention for total health – a path forward. *Natl J Pharmacol Ther*. 2025;3:20–23. doi:10.4103/NJPT.NJPT_36_24

Department of PMR

Research and Publications

Research

1. **Dr. Navin Kumar,Professor and Head,** Co-guide for MS Orthopedics (2), MCh Surgical Oncology (1), MD Pediatrics (1), MPH (1) and MSC Nursing (1) dissertations - Co-investigator in 2 ICMR projects
2. **Dr.V.Padmapriyadarsini,** Assistant Professor is Co-guide in 01 MD Anesthesia dissertation.

Publications -- Indexed Journals

Included in PubMed

1. Elango Y, Adinarayanan S, Swaminathan S, Kirthiha G, Nema S, Navin K Comparison of the analgesic efficacy of intra-articular steroid injections and its combination with suprascapular nerve block for adhesive capsulitis of the shoulder joint: a randomized clinical trial *Regional Anesthesia & Pain Medicine* Published Online First: 20 December 2024. doi: 10.1136/rapm-2024-105902.
2. Accepted for publication in Sultan Qaboos University Medical Journal (Pubmed indexed) No. 6767R2 Effectiveness of myofascial release compared to Manual Lymphatic Drainage in reducing post-treatment Shoulder pain & stiffness among patients undergone breast cancer surgery and adjuvant radiotherapy-Randomized controlled trial; as a co-author.

Not included in Pubmed

1. The Effect of Frenkel's Exercise with PNF on Functional Reach in Stroke Survivors: A Randomized Control Trial (DOI: 10.23880/aphot-16000282)
2. PNF- Augumented Balance Training Using Balance Beam and Balance Board: A Controlled Trial Assessing Walking Speed Outcomes in Stroke Patients (DOI: 10.23880/aphot-16000281).

Department of Physiology

Research and Publications

Research Completed in 2024-25

1. **Title:** Comparison of level of cognition, anxiety, depression and serum level of Endostatin, PARC/CCL18 and other inflammatory markers between Chronic Obstructive Pulmonary Disease patients and healthy controls

   Conclusion: In COPD patients, there is evidence of cognitive impairment as shown by prolonged latency and reduced amplitude of the P300 wave in the ERP P300 test. This was substantiated by decreased MoCA test scores in the COPD group. COPD patients have high scores in both HAM-A and HAM-D, indicating a mild form of anxiety and depression, respectively, compared to the control group. Elevated levels of serum PARC/CCL18, MMP-9, Endostatin, and S100B were found in the patient group. Among these, all biomarkers except S100B values were statistically significant between the groups. The cognitive impairment and anxiety were significantly associated with levels of serum PARC/CCL18 and Endostatin. In our study, depression levels were not correlated with PARC/CCL18 and Endostatin. We couldn't find any significant association between cognition, anxiety, depression and serum MMP-9 and S100B. We didn't get any relation between cognition, anxiety and depression among the different stages of the COPD group.
2. **Title**: Assessment of Cardiovascular Autonomic functions, Carotid morphology and serum autonomic, endothelial biomarkers before & three months after neck radiation therapy in Head and Neck Cancer patients- a Prospective Cohort Study

   Conclusion: In head and neck cancer (HNC) patients, signs of mild cardiac autonomic neuropathy were detected three months following neck radiation therapy (RT), as evidenced by cardiac autonomic testing and vascular alterations in carotid artery morphology observed via contrast-enhanced computed tomography (CECT). These findings suggest a potential increase in future cardiovascular disease risk among post-RT HNC patients.
3. **Title:** Assessment of frailty score and cardiac autonomic functions in stage 3-5 nondiabetic predialysis male chronic kidney disease patients

   Conclusion: ·Frailty prevalence in our study was found to be 70%, with 27% classified as frail and 39% as pre-frail among adult non-diabetic male patients with stage 3–5 chronic kidney disease (CKD). Cardiac autonomic neuropathy (CAN) was observed in 69% of study patients. Among them, 58% exhibited severe CAN, 31% were in the early stages, and only 11% showed no signs of CAN. Frailty was associated with reduced vagal and sympathetic modulation and significantly impaired baroreflex sensitivity (BRS). The severity of frailty demonstrated a positive correlation with CAN severity, suggesting progressive autonomic dysfunction with increasing frailty in non-diabetic male patients with stage 3–5 chronic kidney disease (CKD).
2. **Title:** Assessment of cognitive function and its correlation with auditory evoked potential and inflammatory markers in Benign Paroxysmal Positional Vertigo

   Conclusion: Benign Paroxysmal Positional Vertigo (BPPV) could be an early stage of progressive dementia. The vertigo symptoms in BPPV could be the early stage of onset of cognitive impairment which when unattended becomes clinically evident and might culminate into Alzheimer's disease after a few years.

Grants obtained (Intramural and extramural) Tabular format only

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. S. Velkumary	Rs. 89,250 Rs. 27,279 Rs. 138600	21/4/2023 to 28/02/2025, Completed 2024-2025, Completed 2024-2025, Ongoing	JIPMER Intramural
Dr. Y. Dhanalakshmi	2 lakhs	3 years Completed.	JIPMER Intramural
Dr. Basanta Manjari Naik	2 lakhs	3 years, Ongoing	JIPMER Intramural
Dr. N. Prabhu	40000	2 years (Sep 2024 - Aug 2026)	JIPMER Intramural
Dr. S. Karthik			
Dr. Saranya. K.	2,50,000	Sanctioned in 2024, Ongoing	JIPMER Intramural
Dr. R. Rajalakshmi	Rs.50,000	3 years	ICMR STS

Publications--Indexed Journals

1. Endukuru CK, Gaur GS, Yerrabelli D, Sahoo J, Vairappan B. Agreement between equation-derived body fat estimator and bioelectrical impedance analysis for body fat measurement in middle-aged southern Indians. Physiol Rep. 2024 Oct;12(20): e70095.
2. Rajan J, Gaur GS, Karthik S, Adinarayanan S. Relation between heart rate variability and spectral analysis of electroencephalogram in chronic neuropathic pain patients. KJPP 2024;28(3):253-264.
3. Syamsunder Kiran A, Pal GK, Pal P, Kamalanathan CS, Parija SC, Pinjar MJ. Effects of six-months of Levothyroxine therapy on sympathovagal imbalance and cardiometabolic profile in overt hypothyroid patients. Cureus 17(3): e81268.
4. Visakamutharasi M, Pal P, Sahoo JP, Nanda N, Suryanarayana BS. Association of low vitamin D status with Adiponectin and Fibroblast Growth Factor-21 in newly diagnosed type 2 diabetes mellitus patients. Cureus 2024; 16 (10): e71448. (IF: 1.2)
5. Kavitha N, Pal P, Pal GK, Bharadwaj B, Nanda N. Effects of slow breathing exercises on cardiac autonomic functions in anxiety disorders – a randomised control trial. Annals of Neurosciences 2024; 1-10. (IF:2.4)
6. Sundaramoorthy S, Karunanidhi G, Pal P, C SV, Radhakrishnan H. Assessment of Radiation Induced Pneumonitis and Pericarditis in Patients Undergoing Breast Conservative Treatment Using Hypofractionated Simultaneous Integrated Boost Technique. Gulf J Oncology 2024 May; 1(45):15-29.
7. Prakash P, Natesan P, Rajasegaran R, Pal GK. Predicting Depression Severity in Major Depressive Disorder Using Electroencephalography and Heart Rate Variability: A Cross-Sectional Analytical Study. Cureus 17(2): e79798.

Publications -- Non-indexed Journals

1. Pal GK, Nanda N. Implementation of Revised CBME Curriculum 2024: More of a Challenge than an Opportunity. *Int J Clin Expt. Physiol* 2025; 12 (1): 1-3.
2. Kavitha N, Pal P, Pal GK, Bharadwaj B, Nanda N. Assessment of anxiety severity and its association with cardiac autonomic function tests and cardiovascular risk factors in patients with anxiety disorders. Journal of Psychiatry and Psychiatric Disorders 2024; 8: 312-25.
3. Pal GK, Pal P, Shah Z. Improvement of Sympathovagal Balance by Yoga Could be Essential in Achieving Effective Therapeutic Outcome in Antenatal Depression. Int J Clin Exp Physiol 2024;11(4):134-5.
4. Kavitha N, Pal P, Pal GK. The Impact of Pranayama on Mental Health Disorders in Young Individuals. Int J Clin Exp Physiol 2024;11(4):153-4.
5. Meena R, Pal P, Papa D. Association between fasting lipid profile, inflammatory markers and oxidative stress markers and burden of cardiovascular risk postmenopausal women with high body mass index. Experimental and Clinical Physiology and Biochemistry September 2024; 2: 5-10.
6. Francis J, Rajasegaran R, Prabhakaran S. Appetitive Traits and its Association with Body Composition, Anthropometric Indices and Appearance Anxiety in Adults: A Cross-sectional Study. J Clin of Diagn Res.2024; 18(6): CC13-CC17

Book Chapters/Conference Proceedings

1. G.S. Gaur, B. Grrishma, S. Velkumary, Latha Chaturvedula. Yoga therapy improves sympathovagal balance and psychological symptoms in women with

premenstrual syndrome. Souvenir SYR 2024, USA, October 2024.

2. Mohammed Shaheed, Girwar Singh Gaur, Dhanalakshmi Yerrabelli, Manju R, Nandeesha H, Moushumi P Mukherjee. Comparison of the level of cognition, anxiety and depression in COPD patients with healthy controls and their correlation with serum PARC/CCL18 and Endostatin. APPICON 2024, 10th – 14th December 2024, ESIC Medical College and Hospital, K.K. Nagar, Chennai, Tamil Nadu. (Conference proceedings of APPICON 2024).
3. Pal GK, Comprehensive Textbook of Medical Physiology (Two Volumes), 4th Edition, published in March 2025 (*Publisher: Jaypee International*).

Department of Plastic Surgery

Research and Publications

Research Completed in 2024-25 – Title and Conclusion only

1. Assessment of cell culture profile of human Keratinocytes - melanocytes on the decellularized human amniotic membrane - An in vitro study
2. Assessment of incidence of lymphedema and Arm, Shoulder and Hand dysfunction and its determinants among patients after axillary dissection for breast cancer - a Cohort Study

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Ravi Kumar Chittoria	Rs.1,37,93,884.50/-	2015 Ongoing	NMCN Project, MOH&FW, Govt. of India (Extramural)
Ravi Kumar Chittoria	Rs.1,50,00,000.00/-	2024 Ongoing	SCRAP Project ICMR, Govt. of India
Devi Prasad Mohapatra	Rs. 1,74,67,300.00/-	2014-ongoing	JIPMER Smile Train Cleft Project
Friji M T	Rs. 1,20,00,000.00/-	2025-Ongoing	Centre Of Excellence in Trauma and Burn Injuries under NPPMT&BI
Dr. Dinesh Kumar S	Rs. 1,50,000	2024-26	JIPMER Intramural

Patents applied for / awarded

Prof Dr Ravi Kumar Chittoria

a. Patent awarded - Wound Shortening & Closure Device.

b. Patent applied - Block for Assisting Harvesting of Skin Graft.

Publications--Indexed Journals

1. Vathulya M, Srinivasan S, Kumar K H, Mohapatra DP, Nasida Fathima N, Kapoor A. A Realistic Ingeniously Designed Cleft Palate Simulator for Training of Residents: Bridging the Gap Between Theory and Practice. The Cleft Palate Craniofacial Journal. 2024;0(0). doi:10.1177/10556656241290669
2. Gulati S, Tripathy S, Gupta T, Gaba S, Mohapatra DP. Enhanced Understanding of Facial Nerve Anatomy and Arborization in the Indian Population: Implications for Surgical Procedures. Facial Plast Surg. 2024 Oct 15. doi: 10.1055/s-0044-1791691. Epub ahead of print. PMID: 39406361
3. Mohapatra DP and Thiruvoth FM. Enhancing surgical resident training with Artificial Intelligence (AI): Identifying role of Large Language Models (LLM) and development of instruction-tuned custom GPTs MedEdPublish 2024, 14:134 (slides) (https://doi.org/10.21955/mep.1115554.1)
4. Kumar, R., K., S. & Mohapatra, D.P. Assessing radiographic findings on finger X-rays using an enhanced deep learning approach. Int. j. inf. tecnol. 16, 4279–4288 (2024). https://doi.org/10.1007/s41870-024-02010-w
5. Mohapatra DP, Tripathy S, Mishra B. Grading Congenital Anomalies of the Hand for Defining Outcomes and Improved Patient Communication: A Practical Approach. Indian J Plast Surg. 2024 Mar 18;57(2):159-161. doi: 10.1055/s-0044-1781444. PMID: 38774725; PMCID: PMC11105815.
6. Zayapragassarazan Z, Mohapatra DP. Cooperative dynamics in surgical training: Applying Axelrod's

game theory principles to enhance surgery education. J Educ Technol Health Sci 2024;11(3):64-70.

7. Kamaladevi RK, Mishra SK, Rudingwa P, Mohapatra DP, Badhe AS, Senthilnathan M. Comparison of preformed microcuff and preformed uncuffed endotracheal tubes in pediatric cleft palate surgery-A randomized controlled trial. Paediatr Anaesth. 2024 Apr;34(4):340-346. doi: 10.1111/pan.14837. Epub 2024 Jan 8. PMID: 38189558.
8. Mohan, Padmalakshmi Bharathi; Dineshkumar, S.1; Mohapatra, Devi Prasad1; Penumadu, Prasanth2; Friji, M.T.1; Chittoria, Ravi Kumar1. Clinical utility of smartphone-based digital infrared thermal imaging in predicting vascular compromise in free flaps. Journal of Current Research in Scientific Medicine 10(1):p 102-107, Jan–Jun 2024. | DOI: 10.4103/jcrsm.jcrsm_85_23
9. Mohan PB, Chittoria R, Ramalingam S, Reddy BP, Gupta K, Chakiath JA. Use of Biodegradable Temporizing Matrix for Pediatric Tendoachilles Exposure: A Novel Technique in Complex Traumatic Wound Management-A Case Report. Indian J Plast Surg. 2024 Aug 16;57(Suppl 1):S115-S117. doi: 10.1055/s-0044-1789006. PMID: 39741718; PMCID: PMC11684971.

Prof Dr Ravi Kumar Chittoria

1. Innovative Use of Pressure Relieving Foam based Garment for Lumber Pressure Sore. STM Journals - International Journal of Biomedical Innovations and Engineering (IJBIE) 2024; 2(1): 52–56.
2. Role of autologous platelet rich plasma with Collagen in storage of skin graft. CosmoDerma 2024; 4(38): 1-4.
3. Prevention of Pressure Sore Using Silicon Get Pad in Prolonged Surgery. Medical Journal of Clinical Trials & Case Studies (MJCTCS) 2024; 8(1): 1-4.
4. Role of Application of SWCR Guidelines in Management of left Trochanter Pressure Injury (PI). IP Journal of Surgery and Allied Sciences (IPJSAS) 2024; 6(1): 19-24.
5. Role of Amniotic Membrane Allograft in Pediatric Facial Scald Burn. IP Journal of Surgery and Allied Sciences (IPJSAS) 2024; 6(1): 37-40.
6. Role of Application of SWCR Guidelines in Management of Sacral Pressure Injury (PI). Australian Medical Journal (AMJ) 2024; 17(2): 1178-1184.
7. Application of Prolotherapy for Pressure Injury. Australian Medical Journal (AMJ) 2024; 17(2): 1185-1188.
8. Role of Biodegradable Temporising Matrix in Thermal Burns. International Physiology (IP) 2023; 11(3): 89-92.
9. Role of Autologous Platelet Rich Plasma in Pressure Injury. International Physiology (IP) 2023; 11(3): 85-87.
10. Recent Advances in Leprosy. International Physiology (IP) 2023; 11(3): 77-84.
11. Role of Low Level Laser Therapy in Pediatric Burn Wound. Pediatric Education and Research (PER) 2023; 11(3): 95-98.
12. Application of Scoring System in Wound Assessment. Journal of Clinical Surgery and Anesthesia (JCSA) 2024; 2(2): 1-5.
13. Role of Biodegradable Temporising Matrix (BTM) in Electrical Burns. Australian Medical Journal (AMJ) 2023; 17(2): 1174-1177.
14. Role of Therapeutic Index for Local Infections Score in Wound Assessment. STM Journals 2024; 13(1): 44-48.
15. Role of Digital Planimetry in Wound Management. Journal of Plastic Surgery and Transplantation (JPST) 2021; 2(1): 29-32.
16. Role of Pan-Tilt (PT) Camera in Tele-Interaction during surgery at the time of Covid-19 Crisis. New Indian Journal of Surgery (NIJS) 2023; 14(1): 9-12.
17. Role of Topical Application of Aloe Vera for Accelerated Wound Healing of Cutaneous Burns Wound – A Case Report. Journal of Cutaneous and Aesthetic Surgery (JCAS) 2022; 8(22): 1-3.
18. Role of Burns-Manual in Burns Management. Journal of Case Reports and Medical History (JCRMH) 2022; 2(1): 1-9.
19. Role of Prolotherapy in Wound Bed Preparation. RFP Journal of Dermatology (RFPJD) 2020; 5(1): 5-7.
20. SWCR Guidelines for Venous Leg Ulcers (VLUs). JSWCR 2019; 12(1): 3-22.
21. Role of low level laser therapy in take of full thickness skin graft in post burn contracture. International Journal of Surgery Research (IJSR) 2021; 3(2): 28-30.
22. Role of non-cultured keratinocyte cell grafting (NCKG) as an adjuvant in management of full thickness skin graft complication our experience: Case report. International Journal of Surgery Research (IJSR) 2022; 4(1): 9-11.
23. Correlation of outcome of scars with their Pathogenesis following Er YAG Laser. RFP Journal of ENT and Allied sciences (RFPJENTAS) 2020; 5(2): 45-48.
24. Revised Baux Score in Predicting Mortality in Burn Patients in a Tertiary Care Hospital – Our Experience. Stechnolock Public Health and Research 2021; 1(1): 1-5.

25. Application of Pressure Injury Classification. Open Access Journal of Surgery (OAJS) 2024; 15(3): 1-4.
26. Role of autologous platelet rich plasma in scar management. Australasian Medical Journal (AMJ) 2024; 17(3): 1198-1200.
27. Role of Prolotherapy in Leg Defect. Australasian Medical Journal (AMJ) 2024; 17(3): 1201-1204.
28. Ryan Score as a Mortality Predictor in Burns Patients in a Tertiary Care Centre. Australasian Medical Journal (AMJ) 2024; 17(3): 1205-1208.
29. Role of Keystone designed flap in management of pressure ulcer. Australasian Medical Journal (AMJ) 2024; 17(3): 1209-1211.
30. The Significance of Super Oxidized Solution in Thermal Burns Wound Management. Journal of Clinical and Medical Reviews (JCMR) 2024; 3(1): 1-5.
31. Role of Collagen Granules in Non-Healing Wound. Indian Journal of Medical & Health Sciences (IJMHS) 2024; 11(1): 23-25.
32. Role of Topical Feracrylum in Management of Donor Site Raw Area. Indian Journal of Medical & Health Sciences (IJMHS) 2024; 11(1): 19-22.
33. Utilizing Amniotic Membrane Allograft as Regenerative Therapy for Treating Burns. Indian Journal of Medical & Health Sciences (IJMHS) 2024; 11(1): 15-18.
34. Innovative Method of filling Collagen Particles in Difficult Cavity Wounds. Indian Journal of Medical & Health Sciences (IJMHS) 2024; 11(1): 19-21.
35. Application of Wound Score-Our Experience. Indian Journal of Medical & Health Sciences (IJMHS) 2024; 11(1): 33-37.
36. Role of Low Level Laser Therapy in Management of Pressure Necrosis in a Child with Post Burn Contracture of Webspace. RFP Journal of Plastic Surgery and Transplantation (RFPJPST) 2024; 6(1):17-20.
37. Assessment of Wound Infection in Pressure Ulcer. RFP Journal of Plastic Surgery and Transplantation (RFPJPST) 2024; 6(1): 27-31.
38. Application of Kumar Classification for Pressure Injury. RFP Journal of Plastic Surgery and Transplantation (RFPJPST) 2024; 6(1): 33-36.
39. Application of Wound Infection Prediction Score for Sacral Pressure Ulcer. RFP Journal of Plastic Surgery and Transplantation (RFPJPST) 2024; 6(1): 37-40.
40. Role of Bone – Abrasion in wound bed preparation in pediatric scalp electrical burns. International Journal of Neurology and Neurosurgery (IJNN) 2023; 15(4): 123-125.
41. Clinical utility of smartphone-based digital infrared thermal imaging in predicting vascular compromise in free flaps. Journal of Current Research in Scientific Medicine (JCRSM) 2024; 10:102-7.
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Book Chapters/Conference Proceedings

- **Mohapatra, D.P**., Jagadeeswaran, I. (2024). Significant Risk Medical Devices – General and Plastic Surgery. In: Timiri Shanmugam, P.S., Thangaraju, P., Sampath, T., Jagadeeswaran, I. (eds) Significant and Nonsignificant Risk Medical Devices. Springer, Cham. https://doi.org/10.1007/978-3-031-52838-5_8
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Department of Preventive and Social Medicine

Research and Publications

Research Completed in 2024-25

1. Title: Contraceptive knowledge, practice, and associated factors among currently married women of reproductive age group: a community-based study in Puducherry, India.

   Conclusion: Contraceptive uptake in Puducherry is below national targets despite high awareness of sterilization. To bridge this gap, family-planning programs must tailor education to younger and working women, offer a broader method mix, and reduce geographic barriers. Collaborative efforts between primary-care centers and community health workers—with regular outreach—can foster informed choice and sustained method use.
2. Title: Factors associated with unfavorable treatment outcomes among persons with pulmonary tuberculosis: a multicentric prospective cohort study from India.

   Conclusion: This multicentric cohort confirms that both clinical factors (diabetes, cavitary disease) and health-system delays predict TB treatment failure or death. Interventions should integrate TB and diabetes services, enforce rapid diagnostic protocols, and incorporate smoking-cessation counseling. Tailored adherence strategies—such as digital reminders and community support—are vital to improve outcomes in high-burden settings.
3. Title: Willingness for active case finding of tuberculosis among community pharmacists in Puducherry.

   Conclusion: Community pharmacists represent an untapped resource for TB ACF but currently face structural and motivational barriers. A structured training curriculum, protected time for TB activities, and modest financial or recognition-based incentives could substantially increase participation. Integrating pharmacists into the national TB program—backed by clear guidelines and supply of diagnostic kits—will be essential to harness their potential.
4. Title: Morbidity and treatment-seeking pattern among low-birth-weight infants: a community-based cohort study from Puducherry.

   Conclusion: Birth weight was associated with all-cause morbidity during the first three months. However, this association varied across age points and infants' weight gain. Close follow-up and targeted interventions addressing feeding practices and infection prevention are warranted.
5. Title: Why do healthcare workers refuse tuberculosis preventive treatment? a qualitative study from Puducherry, South India.

   Conclusion: Addressing the identified knowledge gaps and false perceptions through targeted interventions, healthcare institutions can improve TPT uptake. Implementing a comprehensive strategy that combines hospital policies to initiate screening and treatment, a supportive environment, and shorter TPT regimens is essential to prevent TB among HCWs.
6. Title: Anaemia of chronic disease among pulmonary tuberculosis patients is associated with inflammatory marker at the start of intensive phase.

   Conclusion: The largest proportion of PTB participants with anaemia had anaemia of chronic disease. Acute-phase reactant and inflammatory marker levels were increased among newly diagnosed sputum smear-positive PTB patients at the start of anti-tuberculosis therapy. Addressing inflammation is needed to combat anaemia in PTB patients.
7. Title: Sleep quality and its associated factors among nurses in a tertiary care public hospital in Puducherry district: a cross-sectional study.

Conclusion: The prevalence of poor sleep quality among the study population was high. This highlights the urgent need for implementing health promotion programs among nurses, focusing on workplace stress management, chronic pain prevention, and gender-sensitive interventions.

8. Title: Construct validation and reliability assessment of Tamil translated Hill-Bone compliance to high blood pressure therapy scale among hypertensive patients in rural Puducherry, South India.

   Conclusion: Our study concludes that the HB-HBP questionnaire is internally valid and consistent, with a good reliability coefficient for application in Tamil-speaking patients with hypertension.

9. Title: Relationship between proxy behavior in clinic attendance and disease control among persons with hypertension and diabetes at a rural primary health center: a cohort analysis in South India.

   Conclusion: Proxy behavior affects the control status of persons with hypertension and diabetes and stands as an important emerging health-seeking factor. A maximum of up to three proxy visits did not affect hypertension control and could be set as a cutoff, beyond which a home-based visit could be recommended. Absenteeism is linked with proxy behavior and significantly affects control status. A longitudinal study is warranted to assess the relationship between proxy visits and control status.

10. Title: Development and internal validation of a model predicting successful trial of labour among pregnant individuals with previous one caesarean section: a cohort study (DEVI-CS model).

    Conclusion: The new DEVI-CS prediction model, based on easily captured clinical variables, can quantify the chances of a successful trial of labour after a previous caesarean section. It could aid in shared decision-making regarding mode of delivery among women planning TOLAC.

11. Title: Correction: hyperglycemia and steroid use increase the risk of rhino-orbito-cerebral mucormycosis regardless of COVID-19 hospitalization: a case-control study, India.

    Conclusion: Rational steroid usage and glucose monitoring may reduce the risk of post-COVID rhino-orbito-cerebral mucormycosis.

12. Title: Prevalence, conversion and reversion of tuberculosis infection among healthcare workers of tertiary care centres in Puducherry, India: a prospective cohort study.

    Conclusion: More than one-third of the HCWs had latent TB infection at baseline. A one-year follow-up revealed that one in ten exhibited reversion of IGRA, suggesting potential immune clearance, and about one in 20 had conversion, highlighting persistent TB exposure. These findings underscore the critical need for comprehensive latent TB screening and targeted preventive measures for HCWs in high TB burden settings.

13. Title: Attitude of volunteers in a community-based palliative care program in Puducherry: a cross-sectional descriptive study.

    Conclusion: Presently volunteers are drawn predominantly from the lower socioeconomic strata. There's a need for broader representation across all societal sections. Enhanced training covering mental health aspects for both self and patients is required. Emphasis should shift toward community-based services rather than relying on hospital settings, and caregiver/family member capacities must be strengthened.

14. Title: Diverse interactions of Mycobacterium tuberculosis infection and of BCG vaccination with SARS-CoV-2.

    Conclusion: Although ex vivo and experimental studies suggest that Mtb infection and BCG vaccination can induce trained immunity and heterologous protection against SARS-CoV-2, randomized controlled trials have not demonstrated consistent protective effects. The co-pathogenesis of TB and COVID-19 is complex, with several unresolved issues—particularly regarding heterologous protection conferred by latent TB infection or BCG vaccination—that warrant further investigation.

15. Title: Tuberculosis transmission in households of pulmonary tuberculosis patients with alcohol use in the Puducherry region.

    Conclusion: The study underscores the complex interplay between alcohol use, transmission dynamics, and household interactions. Strategies targeting alcohol reduction alongside TB control efforts are crucial for mitigating transmission. Addressing alcoholism is imperative in TB control interventions. Further research is needed to elucidate transmission dynamics and develop targeted interventions.

16. Title: Prevalence of clustering of non-communicable disease risk factors in a highly urbanized district of India: findings of a cross-sectional survey in Puducherry

    Conclusion: Clustering of NCD risk factors was pervasive in this urban district, driven chiefly by dietary practices and obesity measures. Integrated, multisectoral strategies—incorporating nutritionists into NCD service delivery and policy-level changes to promote healthy foods and physical activity—are essential to curb the rising burden.

17. Title: Improving self-care behavior and removing barriers by structured diabetes education program in primary health-care settings of Puducherry: evidence from a mixed-method intervention study

    Conclusion: A structured diabetes education program significantly improved self-care behaviors, reduced barriers to management, and enhanced glycemic control among participants. Embedding such interventions in primary care can strengthen diabetes outcomes.

18. Title: Predictors of control status of hypertension in India: a systematic review and meta-analysis

    Conclusion: Socioeconomic status, medication adherence, and access to healthcare were consistent predictors of hypertension control. Targeted policies addressing these determinants can improve blood pressure management across India.

19. Title: Temporal patterns of cancer burden in Asia, 1990–2019: a systematic examination for the Global Burden of Disease 2019 study

    Conclusion: Cancer burden in Asia has risen markedly, with lung, breast, and colorectal cancers leading. Efforts must prioritize early detection, risk factor reduction, and resource allocation to mitigate this growing public health challenge.

20. Title: Prevalence and the factors associated with microalbuminuria among patients with type 2 diabetes mellitus and/or hypertension in the urban areas of Puducherry district: a cross-sectional study

    Conclusion: Microalbuminuria was observed in one-third of patients and was significantly associated with poor glycemic and blood pressure control. Early screening and management protocols are recommended to prevent progression to diabetic nephropathy.

21. Title: Cardiovascular risk profiling using the Globorisk calculator among noncommunicable disease patients attending primary health centers of a tertiary care teaching hospital in South India: a cross-sectional analytical study

    Conclusion: Globorisk effectively stratified cardiovascular risk, identifying high-risk individuals who may benefit from intensive preventive measures. Incorporating risk calculators into routine primary care can enhance targeted interventions.

22. Title: Trends in willingness to receive COVID-19 vaccines among healthcare workers in India: Findings from repeated cross-sectional national surveys

    Conclusion: Willingness to vaccinate increased over time, driven by perceived safety and institutional trust. Continuous communication and addressing concerns are vital to sustain high uptake among healthcare workers.

23. Title: Cost-effectiveness of emicizumab prophylaxis for haemophilia A with inhibitors: an adaptive health technology assessment for the Indian setting

    Conclusion: Emicizumab prophylaxis demonstrated favorable cost-effectiveness compared to standard care, reducing bleeding episodes and improving quality-adjusted life years. Policy adoption could optimize haemophilia A management in India.

24. Title: Impact of social determinants of health on progression from potentially life-threatening complications to near miss events and death during pregnancy and post-partum in a middle-income setting: an observational study

    Conclusion: Lower education, income, and delayed care-seeking were linked to higher near-miss and mortality rates. Addressing social barriers and strengthening referral systems are critical to maternal health equity.

25. Title: Correlates of diabetes mellitus and hypertension in India: change as evidenced from NFHS-4 and 5 during 2015–2021

    Conclusion: Prevalence of diabetes and hypertension rose across all demographics, with urbanization and obesity as key drivers. National strategies must target lifestyle modification and healthcare access disparities.

26. Title: Development of a competency framework for health technology assessment in India

    Conclusion: A tailored HTA competency framework was established, outlining core skills and knowledge areas for practitioners. Adoption of this framework can standardize HTA capacity building in India.

27. Title: Performance of WHO-updated cardiovascular disease risk prediction charts among doctors: findings from a tertiary care teaching center in Puducherry, India

    Conclusion: Doctors' use of updated WHO risk charts improved identification of high-risk patients and guided clinical decision-making. Training in chart interpretation is recommended to maximize utility.

28. Title: Development and Validation of an Accurate Creatinine-Based Equation to Estimate Glomerular Filtration Rate for the Adult Indian Population: Design and Methods

    Conclusion: A novel creatinine-based GFR equation was designed and validated, demonstrating superior accuracy in Indian adults. Implementation can enhance renal function assessment in clinical practice.

29. Title: What happened to the distribution of the blood pressure and random blood glucose of the Indian adult population between 2015 and 2021?

    Conclusion: Shifts toward higher blood pressure and glucose levels were observed, correlating with lifestyle changes. Public health initiatives must intensify efforts to reverse these trends.

30. Title: Equity considerations in health economic evaluations: a systematic review of WHO South-East Asia Region countries

    Conclusion: Equity metrics were inconsistently applied in economic evaluations. Integrating equity analyses into health economic guidelines can ensure resource allocation addresses population disparities.

31. Title: Success stories: exploring perceptions of former fellows of a global faculty development program for health professions educators

    Conclusion: Alumni reported enhanced teaching competencies and network-building opportunities. Structured global faculty programs can foster educational leadership in health professions.

32. Title: New-onset diabetes mellitus among adults as sequelae of COVID-19 in selected tertiary care hospital, Puducherry–A cohort study

    Conclusion: Incidence of post-COVID diabetes was substantial, with severity of infection as a predictor. Follow-up protocols for blood glucose monitoring are advised for recovered patients.

33. Title: Evaluating the costs, work patterns and efficiency (CORE) of comprehensive primary healthcare (CPHC) in India (The CPHC CORE study): a top-down micro-costing study protocol

    Conclusion: The CORE study protocol outlines a robust micro-costing methodology to assess CPHC efficiency. Findings will inform resource allocation and optimization in primary healthcare.

34. Title: Hyperglycemia and steroid use increase the risk of rhino-orbito-cerebral mucormycosis regardless of COVID-19 hospitalization: case-control study, India

    Conclusion: Hyperglycemia and corticosteroid exposure were independent risk factors for mucormycosis. Strict glycemic control and judicious steroid use are essential to prevent fungal complications.

35. Title: Prevalence of Depressive Symptoms and Its Association with Religiosity and Spiritual Intelligence Among Adults in Rural Puducherry, India: A Community-Based Study

    Conclusion: Among 381 rural adults, 14.4% exhibited depressive symptoms. Individuals without depression reported higher religiosity and spiritual intelligence; low spiritual intelligence was linked to higher depression (15.4% vs 3.4%). The study underscores a substantial depression burden in rural areas and highlights potential protective roles for spiritual intelligence and religiosity in mental health, suggesting these factors be considered in community mental health interventions.

36. Title: Soil-transmitted Helminth Infection and Perinatal Outcomes in Pregnant Women in Primary Care Settings in South India: A Cohort Study

    Conclusion: In a cohort of 650 pregnant women, 8.9% had STH infections. Incidences of anemia (54.4% vs 51.8%), low birth weight (12.3% vs 10.2%), and preterm birth (3.5% vs 2.1%) were higher among infected women, but none reached statistical significance ($P > 0.5$). Authors conclude that STH infection does not significantly impact perinatal outcomes in this setting.

37. Title: Self-care practices on hypertension: Prevalence and predictors in Puducherry, South India

    Conclusion: More than one-fourth of the participants with hypertension had poor self-care practices and it was significantly higher in participants with uncontrolled hypertension.

38. Title: Implementation research on registering cancer cases in primary health centres of Puducherry through community health workers

    Conclusion: Overall, the study demonstrates that despite operational constraints—particularly COVID-19–related interruptions—a PHC-based cancer registry is feasible across all Puducherry centres. However, suboptimal case capture (53 % of expected living cases) underscores the need to strengthen population-based screening, integrate additional healthcare facilities, and bolster field-worker engagement. Enhanced screening and system integration will allow PHC registries to more accurately reflect the community cancer burden.

39. Title: Cascade of care for people with positive symptoms of common cancers in selected primary health centres of Puducherry: an explanatory mixed-method study.

    Conclusion: Timely care-seeking varied by cancer type—80 % (oral), 82 % (breast), and 57 % (cervical)—with delays influenced by awareness, access, and referral barriers. Qualitative insights highlighted the need for strengthened CHW training, streamlined referral pathways, and community education to reduce diagnostic and treatment delays. Implementing these measures can improve the cancer-care cascade in primary health settings.

40. Title: Effect of low-salt food preparation demonstration compared to routine health

education on salt intake and blood pressure among patients with hypertension seeking care from a selected urban primary health centre, Puducherry.

Conclusion: Demonstration of low-salt cooking led to a greater reduction in urinary sodium and systolic blood pressure compared to routine education. Hands-on demonstrations enhanced patients' practical skills and adherence to dietary recommendations. Scaling up such interactive modules in primary-care settings could significantly improve hypertension management outcomes.

41. Title: Suicidal hanging: a five-year analysis at a tertiary health center in South India.

    Conclusion: Hanging accounted for the majority of suicides (69 %), predominantly among males (M:F = 3:1) aged 20–40 years. Factors such as mental illness, socioeconomic stressors, and easy access to ligature points were implicated. Preventive strategies must focus on mental-health screening, community awareness, and restricting access to common hanging sites to reduce incidence.

42. Title: Prevalence of known risk factors for tuberculosis among the elderly in a selected rural area of Puducherry

    Conclusion: One in three had more than three risk factors, and nine in ten had at least one risk factor for TB. Screening known risk factors for TB in the elderly helps in the early detection of tuberculosis and prevention.

43. Title: Prevalence of malnutrition and performance of different assessment methods in adults in a rural area of Puducherry.

    Conclusion: The study found that the prevalence of adult malnutrition was 9.3%. Among the various anthropometric methods used, most showed only slight to fair agreement, with a single instance of moderate agreement (k = 0.53) observed between BMI and MUAC. The results highlight that the prevalence of malnutrition is notably higher when assessed using the GLIM criteria. This underscores the need for effective and efficient methods to identify adult malnutrition, which is crucial for improving healthcare outcomes.

44. Title: Abnormal baseline liver function and incidence of anti-tuberculosis therapy (ATT) induced hepatotoxicity in tuberculosis patients notified under the national tuberculosis programme

    Conclusion: One out of 20 TB patients had baseline abnormal liver function and incidence of ATT-induced hepatotoxicity was 6.2% during the intensive phase of treatment. Significant risk factors included abnormal baseline LFT, hazardous alcohol use, diabetes mellitus, and severe anaemia. Thus, routine LFT monitoring before and during ATT is recommended to prevent hepatotoxicity and improve treatment outcomes for TB patients.

45. Title: A mortality review of inpatients with tuberculosis in a tertiary care centre, Puducherry

    Conclusion: The study reveals that most TB-related deaths were among working-age individuals and males. Most of the deaths were during TB diagnosis. Diabetes, hypertension and kidney diseases were the common comorbidities. The critical delays in health seeking and treatment initiation along with shorter hospital stays, underscore the need for an enhanced detection, streamlined care pathways and improved treatment adherence to mitigate these challenges.

46. Title: Indoor air quality of houses located near roadways in urban Puducherry

    Conclusion: The study found that the air quality is poor in almost all houses with particulate matter concentrations, higher than the WHO air quality guideline limits and more than half of the households experiencing respiratory illness.

47. Title: Validation and operational feasibility study of Swaasa AI platform for detecting likely presence of pulmonary Tuberculosis (PTB) among patients presenting with cough in India.

    Conclusion: A total of 846 participants were enrolled, and their cough sounds were recorded using the SWAASA AI platform. Of these, 328 (38.7%) were female and 518 (61.2%) were male. Among the female participants, 74 (22.56%) tested positive for TB, while among the male participants, 215 (41.51%) were TB positive. Further analysis is ongoing by the lead team.

48. Title: Food insecurity in South Indian households with TB during COVID-19 lockdowns and the impact of nutritional interventions: a qualitative study.

    Conclusion: Food insecurity-driven undernutrition may have accelerated disease progression and increased TB morbidity and mortality during the lockdowns. Integrating nutritional support into pandemic responses is essential to protect vulnerable TB-affected households.

49. Title: Clearing the air: micro costing the carbon impact of drug-susceptible pulmonary TB treatment. The international journal of tuberculosis and lung disease: the official journal of the International Union against Tuberculosis and Lung Disease.

    Conclusion: Treating all TB cases in India would generate at least 290,640 metric tonnes of CO_2e annually, comparable to emissions from 63,182 U.S. passenger cars, highlighting TB's significant environmental impact.

50. Title: Intestinal parasitic infections may be overlooked drivers of the tuberculosis pandemic.

    Conclusion: Epidemiological and immunological evidence links intestinal parasitic infections to increased progression of TB and poorer TB treatment outcomes. This suggests that addressing parasitic infections could improve TB control and patient outcomes.

51. Title: Weight loss following lifestyle modification interventions among adults with overweight and obesity in low- and middle-income countries: A systematic review and meta-analysis protocol.

    Conclusion: This systematic review will enhance understanding of effective obesity management strategies and support evidence-based interventions in low- and middle-income countries.

52. Title: Edible oil consumption in Puducherry: a sequential exploratory mixed methods study

    Conclusion: This study highlighted various factors influencing edible oil consumption and cooking practices in Puducherry. It calls for a multi-pronged approach targeting both consumers and stakeholders to promote healthier cooking practices and reduce the use of unhealthy oils.

53. Title: Influence of ultra-processed food in the diet of South Indian young adults: an explanatory mixed-method study.

    Conclusion: UPF consumption in the region was lower than in other studies, with no clear link to anthropometric measures. However, the shift from traditional diets to UPFs driven by convenience is concerning and must be addressed to promote healthier choices and prevent NCDs.

54. Title: Perceptions of members of ethics committees of medical institutions in India on controlled human infection studies (CHIS) following a sensitization workshop: a systematic survey.

    Conclusion: The recent ICMR policy on ethical conduct of CHIS paves the way for capacity building of IEC members nationwide. This research offers a framework for training workshops and encourages ongoing dialogue among stakeholders to standardize ethics review, raising awareness and advancing CHIS studies in India.

55. Title: Assessing adiposity and its correlation with leptin, adiponectin, C-reactive protein and interleukin-6 among women in first trimester seeking care from primary health centres, Puducherry, India: cross-sectional analytical study.

    Conclusion: The study reported high burden of overweight/obesity with advanced maternal age and high energy intake as predictors of high BMI among pregnant women in the first trimester. Leptin and CRP were positively correlated with BMI, body fat and visceral fat.

56. Title: Clinical Profile and Predictors of Relapse in Patients with Alopecia Areata: A Follow-Up Study.

    Conclusion: Disease severity at presentation and early onset may predict relapse, but studies with a larger sample are needed for confirmation.

57. Title: Tips to write the discussion in a thesis: From analysis to synthesis.

    Conclusion: Writing the discussion, often the most challenging part, requires a strong literature review and a clear understanding of results. Through iterative drafting and review, inconsistencies are addressed, and clarity and alignment with objectives are ensured. Maintaining a reflective, scholarly tone demonstrates critical analysis and refines the discussion into a coherent, rigorous piece.

58. Title: Traffic Noise Assessment in Urban Puducherry, South India.

    Conclusion: Noise assessment in urban Puducherry found 92% of sites exceed CPCB daytime standards, largely due to increased vehicles and transportation, highlighting an urgent need to reduce noise levels.

59. Title: A study to assess the psychosocial needs of patient family members in the intensive care unit in India

    Conclusion: Since family members are essential members of the treatment teams, nurses should concentrate on reassuring them, assisting them in emerging from crises through appropriate communication, offering support, and attending to their needs.

60. Title: Determinants of respectful maternity care at a tertiary care teaching institute in South India: A mixed-methods study

    Conclusion: The prevalence of disrespect and abuse was high as measured by the USAID-MCHIP questionnaire, and the most common type was non-dignified care followed by physical abuse.

61. Title: Use of Mini-CEX as Formative Assessment Tool in the Training of Undergraduate Medical Students in ENT Situation Analysis and the Way Forward Conclusion: Mini-CEX is feasible as a formative assessment tool for medical undergraduates' ENT training; it improves assessor-student interaction, provides effective feedback, and develops reflective practice among students, though regular training and review of assessors and students are needed for quality assurance.

62. Title: Five-year Trends in Various Communicable Diseases Reported under the Integrated Disease Surveillance Program during 2014-2019 in Puducherry

Conclusion: The study reveals fluctuating trends: dengue incidence and test positivity declined from 7.2% to 5.2%, chikungunya burden rose from 4.1% to 12.6%, malaria control was good but testing was below recommendations, and influenza positivity peaked at 21% in 2018, underscoring variable disease patterns in Puducherry.

63. Title: Out-of-Pocket Expenditure and Challenges Faced by Patients Undergoing Heart Valve Replacement in Follow-Up Care at a Tertiary Care Centre in South India: A Mixed Methods Study

    Conclusion: The primary difficulties faced by patients were distance and expense, with a median total OOPE of ₹765 per visit (mostly non-medical costs); 60% incurred catastrophic expenditures, and challenges included financial, travel, hospital process, and family burdens.

64. Title: VMAT plan quality comparison between Clinac-iX and Halcyon treatment delivery systems for nasopharyngeal carcinoma

    Conclusion: Halcyon demonstrated superior plan quality with better critical organ sparing (spinal cord, optic chiasm, lenses, eyeballs), lower brain volume integral dose, and faster treatment delivery compared to Clinac-iX, making it preferable for VMAT in nasopharyngeal carcinoma.

65. Title: Statistical Insights for Surgeons: A Guide to the Literature

    Conclusion: By improving statistical literacy, this study aids surgeons in making more informed, evidence-based decisions, ultimately leading to better patient outcomes and improved surgical practices.

66. Title: Optimizing Maternal Healthcare Access: A Mixed Method Study on Dual Utilization of Public and Private Antenatal Care Services in Puducherry, India

    Conclusion: Strengthening public-private partnerships could enhance antenatal care utilization, benefiting pregnant women and streamlining healthcare delivery.

67. Title: Reliability and Validity of Shoulder Range of Motion Measurements using a Smartphone Tele-Assessment Solution among Healthy Adults: A Cross-Sectional Study

    Conclusion: The Protractor mobile application demonstrated reliability and validity in measuring shoulder ROM, enabling the use of app-captured photos for precise and convenient joint ROM assessment.

68. Title: Mobile App for Rating Health Care Facilities and to Report on Respectful Maternity Care in Public Sector Hospitals: A Pilot Study

    Conclusion: The pilot found a 47% prevalence of disrespect and abuse (most commonly non-dignified care); the simple App effectively assessed facility quality and enabled reporting of D&A by postpartum women and birth companions.

69. Title: Ethical Pitfalls in Scientific Publishing

    Conclusion: Ensuring autonomy, beneficence, nonmaleficence, and justice in research is essential, yet competitive pressures have led many scientists to engage in questionable practices; this article identifies authorship issues, plagiarism, data fabrication, peer-review challenges, conflicts of interest, duplicate publication, and predatory journals, and offers recommendations to uphold scientific integrity.

70. Title: Problematic Usage, Safety Knowledge, and Dependency Challenges of Mobile Phones among Late Adolescents in Southern India: A Mixed-Methods Study

    Conclusion: There is a pressing need for comprehensive initiatives to promote responsible smartphone use among adolescents, given that 23% exhibited problematic use and only half were aware of potential harms.

71. Title: SCOT Analysis of Implementing One Health Approach from the Stakeholders' Perspective in Puducherry, South India

    Conclusion: The operationalization of One Health could be enhanced by providing standard guidelines and ensuring coordination among stakeholders, addressing gaps such as weak political commitment, poor departmental coordination, and lack of community awareness.

72. Title: Development of Panel of Three-Dimensional Biomarkers to Identify Gastric Carcinoma and Precancerous Lesions of the Stomach – An Analytical Cross-Sectional Study

    Conclusion: These results emphasize that combined three-dimensional biomarkers showed good discrimination and could be used as a screening panel for diagnosing gastric cancer and precancerous conditions/lesions.

73. Title: Prevalence of Selected Cardiovascular Risk Factors and Their Associated Factors among People Living with HIV/AIDS in India

    Conclusion: In 316 PLHIV in South India, dyslipidemia (82.7%) and physical inactivity (74.4%) were the most common cardiovascular risk factors, with hypertension (15.8%) and diabetes (12.3%) also prevalent. Age and literacy significantly predicted diabetes and hypertension; obesity correlated with diabetes and abdominal obesity with dyslipidemia.

74. Title: Determinants of health literacy and its impact on glycemic control among women with gestational diabetes mellitus in a tertiary care hospital, Puducherry – A cross-sectional analytical study

    Conclusion: Among 200 GDM women, 82% had adequate health literacy (HL). Adequate HL was observed in 88.5% with good glycemic control versus 55.1% with poor control. Educational status (PR 1.8; 95% CI 1.2–2.5) and glycemic control (PR 1.4; 95% CI 1.2–1.7) were significant predictors of HL.

75. Title: Predictors of control status of hypertension in India: a systematic review and meta-analysis

    Conclusion: Meta-analysis of nine Indian studies (n=2,441) showed women (OR 1.78; 95% CI 1.62–1.95), those >45 years (OR 1.69; 95% CI 1.44–1.97), and urban residents (OR 1.74; 95% CI 1.48–2.03) had significantly higher odds of controlled hypertension. Behavioral risk factors had no effect. It is recommended to target men, younger adults (15–45 years), and rural populations in hypertension control programs, and call for standardized definitions in future research.

76. Title: Effectiveness of nurse led intervention on weight reduction among adults in urban Puducherry – A randomized controlled pilot trial

    Conclusion: In a 16-week RCT (n=88), the nurse-led intervention group lost 2.58 kg versus a 0.38 kg gain in controls (mean difference 2.96 kg; P<0.001), with significant reductions in waist circumference, BMI, and improvements in lipid profile and TSH. Community-based nurse-led programs effectively reduce weight and NCD risk in urban Puducherry, recommending robust follow-up and scaling with additional manpower.

77. Title: Effect of Millets Once a Day on Glycaemic Control among Women with Gestational Diabetes Mellitus in a Tertiary Care Setting – A Randomized Controlled Trial

    Conclusion: In 224 GDM women, daily millet intake led to an additional 11.6% achieving glycaemic control versus enhanced MNT (95% CI −1.5% to 24.7%; P=0.083) and significantly reduced postprandial glucose by 4.55 mg/dL (95% CI −8.55 to −0.56; P=0.025). Adherence was ~78% in both arms. It is concluded from the research that millets are a feasible adjunct to MNT for improved postprandial control in GDM.

78. Title: Effect of structured counselling on postpartum contraceptive acceptance: A cluster randomized controlled trial, Puducherry

    Conclusion: Among 221 postpartum women, contraceptive uptake at six weeks was 66.7% in the structured counselling arm versus 21% in controls (RR 3.21; 95% CI 2.22–4.61; P<0.001), with significant knowledge gains. Authors conclude that structured audiovisual counselling significantly enhances postpartum contraceptive acceptance and recommend its integration into routine maternal services.

79. Title: Managing Metabolic Dysfunction-associated Steatotic Liver Disease (MASLD) in Primary Care Settings: A Review

    Conclusion: Pathogenesis, risk factors, and management of MASLD, emphasizing lifestyle interventions (5–10% weight loss), potential pharmacotherapies (GLP-1 agonists, SGLT-2 inhibitors, pioglitazone), and the role of primary care in early detection and multidisciplinary care is discussed. The need for validated screening tools and provider training to integrate MASLD care into primary settings is highlighted.

80. Title: Depression, anxiety, stress, and coping among men with infertility seeking treatment at a tertiary care hospital in South India: A mixed-method study

    Conclusion: In 200 infertile men, depressive symptoms affected 46% (95% CI 39.2–52.9), anxiety 51% (95% CI 44.1–57.8), and stress 59.5% (95% CI 52.5–66.0). Problem-focused coping (planning, active coping, self-distraction, religion) predominated. Qualitative themes included emotional impact, coping/support systems, and counseling perceptions. Authors emphasize routine mental health screening and tailored psychosocial interventions for men with infertility.

81. Title: Prevalence and Determinants of Suspected Reproductive Tract Infection/Sexually Transmitted Infection among Women of a Reproductive Age Group (15–49 Years) in Rural Puducherry

    Conclusion: In 370 rural Puducherry women, 29.2% (95% CI 24.6–34.1) reported suspected RTI/STI, predominantly vaginal discharge (96.3%); 30.9% did not seek care. Adolescents (15–19 years) had 2.21-fold (95% CI 1.02–4.25) and copper-T users 1.69-fold (95% CI 1.13–2.52) higher risk. Authors recommend targeted community screening and education, especially among adolescents and IUD users, to reduce RTI/STI burden.

82. Title: A Qualitative Exploration of Participants' Experiences in a Randomized Controlled Trial of Weight Reduction Through a Nurse-Led Intervention

    Conclusion: In-depth interviews with 13 participants (≥5% weight loss) of a 12-month nurse-led program revealed themes of dietary adaptations (protein-rich foods, millets, fruits/vegetables), physical activity (walking, yoga), and crucial family and provider support. Authors conclude that nurse-

led interventions foster sustainable weight loss and metabolic improvements, underlining the need for tailored, supportive strategies in primary care.

83. Title: Fruit-Vegetables Intake And Physical Activity On The Risk Of Metabolic Syndrome Among Obese Adults In Urban Puducherry

    Conclusion: In 438 obese urban adults, metabolic syndrome prevalence was 31.3%. Adequate fruit-vegetable intake halved MetS risk (OR 0.6; 95% CI 0.32–0.90), while adequate physical activity showed a nonsignificant reduction (OR 0.75; 95% CI 0.50–1.20). Authors conclude that sufficient fruit-vegetable consumption and regular activity independently—and potentially synergistically—lower MetS risk, advocating lifestyle modification interventions in this population.

Grants obtained (Intramural and extramural)

Name of the Faculty	Title	Amount (INR)	Period	Agency
Dr. Sonali Sarkar	Dynamics and Immune, Mechanisms of QFN Response in Close Contacts of TB Cases JIPMER	3,18,05,714	01 May 2021 - 30 April 2025	CRDF : CRDF GLOBAL
Dr. Sonali Sarkar	Predictors of resistance emergence evaluation in MDR – TB Patients on Treatment (PREEMPT)	1,13,36,537	11 January 2019 – 30 November 2024	BOSTON University (RO1 grant)
Dr. Sonali Sarkar	A Multicentre phase II/III Double-Blind, Randomized, Placebo controlled study to Evaluate the efficacy and safety of VPM1002 in the Prevention of Tuberculosis (TB) Recurrence in Pulmonary TB Patients after successful TB Treatment in India (Vaccine Trail)	1,63,72,811	11 January 2019 – 30 November 2024	SSI, Pune, India
Dr. Sonali Sarkar	Report International Data Harmonization	25,37,000	01 October 2021 – 30 Sepember 2024	CRDF : CRDF GLOBAL
Dr. Sonali Sarkar	Tuberculosis: Learning the Impact of Nutrition (TB: LION)	6,28,78,235	01 January 2019 – 31 December 2024	Warren Alpert Foundation, BOSTON University
Dr. Sonali Sarkar	Phase II - Report India common protocol	2,48,82,358	28 December 2019 - 30 Sepember 2026	CRDF : CRDF GLOBAL,USA
Dr. Sonali Sarkar	Regional prospective observational research for Tuberculosis (Report) India consortium common protocol phase II	1,77,67,058	24 February 2021 - 24 February 2026	DBT : Department of Biotechnology
Dr. Sonali Sarkar	JIPMER coordination hub: Report India phase II	3,01,12,891	01 October 2019 - 30 September 2026	CRDF : CRDF GLOBAL
Dr. Sonali Sarkar	Data coordination Center- Report India phase II	2,14,47,101	01 January 2021 - 30 September 2026	CRDF : CRDF GLOBAL,USA

Name of the Faculty	Title	Amount (INR)	Period	Agency
Dr. Sonali Sarkar	Program and technical support for development of data coordination Center	38,86,008	08 December 2022 - 07 June 2025	DBT : Department of Biotechnology
Dr. Sonali Sarkar	LTBI-Covid	1,39,67,948	01 September 2021 - 31 August 2025	CRDF : CRDF GLOBAL
Dr. Sonali Sarkar	Whole genome sequencing of MTB clinical strains for determining drug resistance	8,03,30,600	06 October 2023 - 06 October 2025	DBT : Department of Biotechnology
Dr. Sonali Sarkar	Understanding the molecular and immunological correlates of tuberculosis induced cachexia TB Program	71,14,080	13 November 2024- 12 November 2027	BIRAC : Biotechnology Industry Research Assistance Council
Dr. Sitanshu Sekhar Kar	Assessment of RMNCH +A Service delivery costs and evaluation of work patterns and efficiency of primary healthcare teams at Ayushman Bharat Health and Wellness Centres in India- A multi-centric project	6,10,181	7 Months & 1st February 2024	PGIMER/ UNICEF
Dr. Sitanshu Sekhar Kar	Health Technology Assessment Resource Hub	1,86,84,232	6 years & 1st October 2019	DHR
Dr. Sitanshu Sekhar Kar	Global Health Capacity Building in INDIA, Funded by DAAD (German Academic Exchange Service)	10,93,790	3 years & 1st July 2023	HIGH
Dr. Sitanshu Sekhar Kar	National Tobacco Regulatory Forum and Strengthening the Regulatory Framework in India Under the Articles 9 And 10 Of WHO-FCTC's Framework	42,45,740	3 years & 1st September 2023	MOHFW
Dr. Sitanshu Sekhar Kar	A mixed-method study to comprehensively explore health system barriers and facilitators and refine the elements of an intervention package for cardiovascular risk reduction. (ICRAG – ICMR CAR project)	6,79,599	5 years & 1 October 2024	ICMR and St John's Research Institute
Dr. Sitanshu Sekhar Kar	Health Technology Assessment Online Course	18,00,000	2 years & 1 October 2024	DHR
Dr. Sitanshu Sekhar Kar	Study of Economic Evaluation on Climate Change for Dengue Infection	7,71,750	3 years 13 March 2025	DHR
Dr. Sitanshu Sekhar Kar	To Estimate the EQ-5D-Y-5L value set for India	8,58,000	1 year 15 May 2025	DHR

Name of the Faculty	Title	Amount (INR)	Period	Agency
Dr. Sitanshu Sekhar Kar	Effect of Health and Wellness Centres under Ayushman Bharat on the Out-of-pocket Expenditure of Geriatric Population: A Multicenter Study	11,47,600	1 year March 2025	ICMR
Dr. Sitanshu Sekhar Kar	AI for early detection and management of cardiovascular diseases with novel multimodal signals & personalized medical records for streamlined clinical care [Consortium for AI & Remote Digital Interventions Against Cardiovascular Diseases in India CARDIAC-INDIA]	2,00,00,000	18 months April 2024	Ministry of Education & IIT Jammu
Dr. Swaroop Kumar Sahu	Linking Cancer Cases of Puducherry to their Primary Health Centres Through Community Health Workers –A Community Based Intervention Study	3,03,282	Ongoing from January 2021	Intramural
Dr. Swaroop Kumar Sahu	Effect of Cognitive Stimulation on Cognitive Status, Risk of Falls and Adherence to Medications among Elderly with Cognitive Impairment residing in Urban Puducherry – A Single Arm Before and After Intervention Study	93,795	Ongoing from June 2021	Intramural
Dr. Swaroop Kumar Sahu	Effectiveness of structured Yoga therapy along with life style modifications as compared to only life style modifications, in reducing blood pressure among adults with Pre-Hypertension, residing in a Selected Urban Primary Care Setting, Puducherry - A Parallel Arm Cluster Randomized Trial (Dr. Bindhya K)	Rs 1,57,430 (Under consideration)	Ongoing from February 2022	Intramural
Dr. Swaroop Kumar Sahu	Effectiveness of Elders Social Network in Motivating Peer Elders in seeking Physiotherapy Services in a selected Primary Health Centre, Puducherry, India: A Parallel Arm Quasi- Experimental Design (Dr. Dinesh S)	1,11,480	Proposed	Intramural

Name of the Faculty	Title	Amount (INR)	Period	Agency
Dr. Swaroop Kumar Sahu	Cascade of Care for People with Positive Symptoms for Common Cancers in Selected Primary Health Centres, Puducherry – An Explanatory Mixed Method Study (Dr. Srijeeta Mitra)	6000	Completed	Intramural
Dr. Swaroop Kumar Sahu	Cascade of Care among Presumptive Tuberculosis Cases attending Diabetes Clinic in a Tertiary Health Care Facility, Puducherry: A Cross-Sectional Analytical Study (Dr. Umang Dahiya, MPH)	4008	Completed	Intramural
Dr. Swaroop Kumar Sahu	Effect of Adding Fenugreek Seed Powder or Jamun Seed Powder to Standard Care as Compared to Lone Standard Care on Blood Glucose Levels among Adult Patients with Type 2 Diabetes Mellitus Seeking Care from A Selected Urban Primary Health Center, Puducherry, India: A Randomized Controlled Trial	49,970	Completed	Intramural
Dr. Swaroop Kumar Sahu	Effectiveness of Elders Social Network in Motivating Peer Elders in seeking Physiotherapy Services in a selected Primary Health Centre, Puducherry, India: A Parallel Arm Quasi- Experimental Design	34,860	Completed	Intramural
Dr. Palanivel C	Diabetes and Latent Tuberculosis Infection in primary care settings in selected districts of India: A cohort study (DiaL TB)	83,72,837	Two years, seven moths (2023-2025)	ICMR
Dr. Palanivel C	Innovative Model for Post-TB Sequelae Assessment and Care among Treated Tuberculosis patients (IMPACT-TB) in primary care settings: Operational research	1,99,904	One year (2024 -2025)	NTEP, Puducherry
Dr. Palanivel C	Implementation research in post tuberculosis care in primary settings: Assessment and management of risk factors, co-morbidities and lung disability (IRPTC)	71,68,637	Two years (2024-2026)	ICMR
Dr. Palanivel C	Monitoring of ventilation status using indoor air carbon dioxide concentration in a tertiary care hospital, Puducherry.	50,000	Three years (2023-2025)	JIPMER

Name of the Faculty	Title	Amount (INR)	Period	Agency
Dr. Subitha L	Reducing cardiovascular risk through 'Community Action for Lifestyle Modification' (CALM) in a high-burden non-communicable disease setting: A type 3 Hybrid Effectiveness-Implementation study	88,00,000	March 2024 (3 years)	ICMR
Dr. Subitha L	Effectiveness of Targeted Client Communication for self-care of Diabetes Mellitus and Hypertension in Puducherry – An embedded mixed methods study	1,54,570	2023-26	JIPMER Intramural Grants
Dr. Mahalakshmy T	National Mental Health Survey-2, (PI)	Rs. 94,44,000	Aug 2023-Oct 2025	MoH&FW
Dr. Mahalakshmy T	Improving the Patient Reported Outcome and Care Experiences along the Cancer Care Continuum through Community-Oriented Model of Patient Navigation System (COMPASS): A Hybrid II Implementation Study, (PI)	Rs. 99,03,555	Feb 2025 - Jan 2027	ICMR
Dr. Mahalakshmy T	Stakeholder Analysis of Intersectoral Collaboration for Mental Health Care under the National Mental Health Programme in Puducherry: A Mixed Method Study	Rs. 21,249	2024-2026	IMRF
Dr. Mahalakshmy T (Co-Investigator)	Implementation and Assessment of an Innovative Tele-Consultation Program Designed for Local Need-based Cancer Survivorship Care	Rs. 1,51,00,000	Jan 2024- Dec 2027	ICMR
Dr. Mahalakshmy T (Co-Investigator)	Midwife-led intrapartum care in a tertiary care teaching hospital: experimental implementation research	Rs. 2,50,00,000	Feb 2025 - Jan 2027	ICMR
Dr. Venkatachalam J	Effectiveness of multipronged intervention strategy in reducing the incidence of gestational diabetes mellitus among the high-risk pregnant mothers attending primary health care centres of Puducherry – A cluster randomized controlled trial.	43,54,993	2 Years from 1/2/2023	ICMR

Name of the Faculty	Title	Amount (INR)	Period	Agency
Dr. Venkatachalam J	Metformin with Prophylaxis with lifestyle modification in reducing the risk of Gestational Diabetes Mellitus, compared to only Lifestyle Modifications Among Pregnant mothers with Non-Alcoholic Fatty Liver Disease in a Tertiary care hospital, Puducherry – A parallel arm superiority	29,60,304	3 years till 24th August 2024	DHR –ICMR
Dr. Venkatachalam J	Effectiveness Of Predominant Millet Based Medical Nutrition Therapy On The Glycaemic Control Compared To The Stranded Medical Nutrition Therapy Among Women With Gestational Diabetes Mellitus In Tertiary Care Setting, Puducherry - An Explanatory Mixed Method Study	15,0000	2022 to 2024	JIPMER PG thesis as GUIDE
Dr. Venkatachalam J	Incidence, mortality and psycho-social factors of acute poisoning among adults living in a rural area of Tamilnadu: A mixed-method study.	78,98,935	Three years from 6-10-2023	ICMR
Dr. Venkatachalam J	Assessment of unmet needs and access to assistive technologies among the general population through digital rATA tool- a cross- sectional survey in Villupuram,Tamil Nadu.	41,96,899	Two years from 4/12/2023	ICMR
Dr. Venkatachalam J	Depression And Stress Among Women With Gestational Diabetes Mellitus And Association With Glycemic Control In A Tertiary Care Hospital, Puducherry- An Explanatory Mixed Method Study	25000	2023 to 2024	JIPMER MPH thesis
Dr. Venkatachalam J	Effectiveness of structured counselling session among third-trimester antenatal mothers on increasing their acceptance of postpartum contraception in selected primary care centres of Puducherry: A Cluster Randomized Controlled Trial	47000	2023 to 2024	JIPMER

Name of the Faculty	Title	Amount (INR)	Period	Agency
Dr. Venkatachalam J	Incidence of Gestational Diabetes Mellitus among pregnant women with increased fatty liver index in first trimester in Puducherry - a community based prospective cohort study	100,000	2023 to 2025	JIPMER MD Thesis as Guide
Dr. Venkatachalam J	Dysglycemia among cohort of postpartum mothers with history of Gestational Diabetes Mellitus delivered in tertiary care hospital, Puducherry- An Explanatory Mixed Method Study	7000	Yet to start from 2023	JIPMER MPH thesis as guide
Dr. Venkatachalam J	Coverage and Utilization of Health Insurance among Households in selected areas of Puducherry – A Concurrent Mixed method study	40000	2023 to 2025	JIPMER MD thesis as Co guide
Dr. Venkatachalam J	Depression, anxiety, stress and coping strategies adopted by people receiving infertility treatment in a tertiary care center, Puducherry, India – A mixed method study."	5000	2023-2024	JIPMER MPH thesis as guide
Dr. Venkatachalam J	Assessment of health risk and developing the strategies to mitigate dust exposure among the street sweepers – cross sectional analytical study. Multicentric collaborative study with Pondicherry University	14,72,000	2024-2025	ICMR
Dr. Venkatachalam J	Association between time to reach hospital and mortality in acute poisoning cases in a tertiary care hospital, Puducherry, India – cross-sectional analytical study	-	2024-2025	ICMR -STS
Dr. Zunatha Banu A	Pradhan Mantri Jan Arogya Yojana (PMJAY): Coverage, Utilisation and its Impact among Cancer Patients in the Selected Districts of Puducherry & Tamil Nadu - A community based mixed method study	8,08,950	2024 – 25	ICSSR

Publications--Indexed Journals

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65. Ganesamoorthy, Karthika1; Jayaseelan, Venkatachalam2; Krishnamoorthy, Yuvaraj3; Sarkar, Sonali2; Munisamy, Malathi4; Sakthivel, Manikandanesan5. Prevalence and Determinants of Suspected Reproductive Tract Infection/Sexually Transmitted Infection among Women of a Reproductive Age Group (15–49 Years) in Rural Puducherry. Indian Journal of Community Medicine ():10.4103/ijcm.ijcm_789_23, February 06, 2025
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Publications -- Non-indexed Journals

1. Subramanian S, Sonali S, Vijayageetha M, Ashutosh K, Adinarayanan S. Attitude of volunteers in a community-based palliative care program in Puducherry: a cross-sectional descriptive study. Indian J Public Health Res Dev. 2025;16(1):367-376.
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4. Sivamani C, Saya GK, Ulaganeethi R, Chinnakali P. Self-care practices on hypertension: Prevalence and predictors in Puducherry, South India. Clinical Epidemiology and Global Health. 2025 Jan 1;31:101883.
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Chhattisgarh, India-A mixed methods study. Clinical Epidemiology and Global Health. 2024 Nov 1;30:101790.

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10. Mahalakshmy Thulasingam, Karthikeyan B. Ethical Pitfalls in Scientific Publishing. International Journal of Advanced Medical and Health Research [Internet]. 2024 Jul 1;11(2):140–4. Available from: https://journals.lww.com/iamr/fulltext/2024/11020/ethical_pitfalls_in_scientific_publishing.13.aspx
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12. Parambilankandi Akshay, Jeby Jose Olickal, Roy D, Venkatachalam Jayaseelan, Mahalakshmy Thulasingam, P RV. Problematic usage, safety knowledge, and dependency challenges of mobile phones among late adolescents in southern India: a mixed-methods study. International Journal of Community Medicine and Public Health [Internet]. 2024 Jun 28;11(7):2721–8. Available from: https://www.ijcmph.com/index.php/ijcmph/article/view/12589
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16. Sivanantham P, Anandraj J, Kumar SM, Essakky S, Gola A, Kar SS. Predictors of control status of hypertension in India: a systematic review and meta-analysis. J Prev. 2024;45(1):27–45.

Accepted in Indexed journals

1. Parental Perspectives: A Mixed Method Study on Perceived Risk, Self-Efficacy, Vaccine Response Efficacy, and Willingness for Adolescent HPV Vaccination in Puducherry, South India" to International Journal of Adolescent Medicine and Health (IJAMH) - accepted for publication
2. Do private practitioners in Puducherry, South India adhere to WHO drug prescribing standards? Need for antimicrobial stewardship in private sector (Manuscript accepted in Indian Journal of Public Health)
3. Prevalence of edentulism and perceived treatment needs & barriers for dental care among the elderly in a rural area of Puducherry - A community-based mixed-method study (Manuscript accepted in Journal of Clinical and Diagnostics Research)

Book Chapters/Conference Proceedings

1. Cardiovascular disease and Diabetes – a dual pandemic in Clinical practice: Chapter on "Epidemiology of Cardiovascular diseases": Subitha Lakshminarayanan, Sitanshu Sekhar Kar. RSSDI -Evangel publishing.
2. Thulasingam M, Rifai I. Dissemination & Communication of Results. In: Foundation of Clinical Research for the Obstetrician & Gynaecologist. Indian College of Obstetricians & Gynaecologists; 2025. p. 61–9.

Department of Psychiatry

Research and Publications

Research Completed in 2023-24

Dr Shivanand Kattimani guided a dissertation done by Dr. Anindo Mitra. Around 189 persons receiving treatment with lithium for Bipolar I disorder were assessment retrospectively by reviewing their case records and found that 53 % of these showed good response to lithium. We found that presence of family history of bipolar disorder, having manic type of episodes, having mania-depression sequence illness, longer duration of lithium treatment were associated with good response to lithium.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Shivanand Kattimani	₹4,93,000	2024-2025	Indian Psychiatric Society
Dr. Vikas Menon	₹15,16,066	December 2022 to December 2027	National Institutes of Health, USA
Dr. Vikas Menon	₹4.46,025	March 2025 to February 2028	Indian Council of Medical Research, New Delhi
Dr Balaji Bharadwaj	₹ 2,00,000	2022-2024	JIPMER Intramural Grant for MD thesis "Biochemical Correlates of Morbid Jealousy in Alcoholism"
Dr Natarajan Varadharajan	₹ 2,40,000	2025-2026	Schizophrenia Research Foundation (SCARF), Chennai

Publications--Indexed Journals

1. Jha N, Palepu PM, Pampapati V, Mukherjee MP, Karthikeyan K, Anuja M, Deodhare KG, Pannirselvan K. Quality of life and sexual health of women with peripartum hysterectomy: A single-center experience from South India. Int J Gynaecol Obstet. 2025 Mar 11.
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3. Kattimani S, Abhijita B. Neurolinguistic programming: Old wine in new glass. Viewpoint. Indian J Psychiatry 2024;66:304-306.
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disorder: Systematic review and meta-analysis. Acta Psy Scand 2025;151:557-71.

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49. Shakya P, Deb KS, Ganesh R, Datta A, Verma R, Chadda R. Telepsychiatry in post-pandemic India: A mixed methods exploration of patient perspectives and preferences toward telemedicine versus in-person consultations. General Hospital Psychiatry. 2025 Mar 1;93:89-99.
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Publications - Non-indexed Journals

1. Sungoh D, Kattimani S, Murugesan R. Resilience as a buffer against stress: effects on academic performance in indian medical students. Glob J Med Stud. 2024;4:9-15.
2. Kattimani S, Selvarajan S, Varadharajan N, Gopalakrishnan P. Comparative efficacy of antipsychotic medication for stereotypic behavior in autism spectrum disorder: a systematic review and meta-analysis. J Psychiatry Spectr 2024;4:30-39.
3. Mattikoppa N, Shiva L, Kattimani S, Harbishettar V. Obstacles and difficulties in conducting systematic reviews. Editorial. J Psychiatry Spectr 2024;4:4-5.
4. Sungoh D, Kattimani S, Balasubramanian I. Stress levels in medical students: A comparative study of first-and final year MBBS students of government medical college. Calabar J Health Sci 2024;7:104-6.
5. Kar SK, Varadharajan N, Arafat SMY, Menon V, Pattnaik JI, Bhoi R, Mani AM, Kurian N, Sahadevan S, Sreekumar S, Venu S, Padhy SK. Media reporting of suicide notes from two Indian States: A content analysis. Global Psych Archives 2024;7:58-62.
6. Balasubramanian I, Abhijita B, Menon V. Electroconvulsive therapy as maintenance treatment in psychiatric disorders. Curr Behav Neurosci Rep 2024;11:1-13.
7. Rockson C, Girish C, Harivenkatesh N, Menon V. Prevalence of major depression and dysthymia among outpatient attendees at a tertiary healthcare psychiatric facility in South India. Clin Epidemiol Glob Health 2024;26:101536
8. Menon V. The research interface between psychiatry and medicine: Evolving paradigms and their implications. Indian J Ment Health Neurosci 2024;7:6-8

9. Natarajan K, Pal P, Pal GK, Bharadwaj B, Nanda N. Assessment of Anxiety Severity and its Association with Cardiac Autonomic Function Tests and Cardiovascular Risk Factors in Patients with Anxiety Disorder. J Psychiatry and Psychiatric Disord. 2024;8:312-25.
10. Shafana AS, Rajendran RK, Bharadwaj B. Assessment of Suicidal Ideation among Patients Attending Deaddiction Clinic in a Tertiary Care Hospital. Indian J Soc Psych. 2025;23:243.
11. Chattopadhyay A, Chawla N, Sen MS, et al. Unprotected Risky Sex Among Men with Opioid Dependence: Is More Needed to Be Done? J Psychosex. Health. 2024;6:176-83.

Book Chapters/Conference Proceedings

1. Rajkumar R. P. Public health interventions for substance use disorders in South Asia. In: Yasir Arafat, S. M., & Kar, S. K. (editors). Current Perspectives on Substance Use Disorders in South Asia. Singapore: Springer Nature; 2024. P. 183-224. ISBN: 978-98-197-6618-5
2. Menon V, Gupta S, Balasubramanian I. Consultation-liaison Psychiatry – General principles. In: Gupta R, Tikka SK. (eds). Textbook of Psychiatry. Second Edition. RELx India Pvt Ltd., Gurugram, India, 2025. P. 451-465. ISBN: 978-81-312-6814-8
3. Ranjan R, Mallik S, Murthy P, Jaisoorya TS, Basu D, Grover S, Avasthi A, Chadda RK, Menon V, Goyal N, Das B. Landmark Contributions of Distinguished Institutions in Psychiatry in India. In: Tikka SK, Menon V, Ranjan R, editors. Indian Psychiatric Society @ 75: A Panoramic Retrospection. New Delhi: Jaypee Brothers Medical Publishers; 2024. P.103-109. ISBN: 978-93-5696-468-6.
4. Kar SK, Menon V. Mental Healthcare Access in India: Models, Trends, and Challenges. In: Arafat SMY, Kar SK, editors. Access to Mental Health Care in South Asia: Current Status. Potential Challenges, and Ways out. Singapore: Springer Nature; 2024. P.71-89. ISBN: 978-981-99-9152-5.
5. Menon V, Subramanian K, Balasubramanian I. Suicide: Epidemiology, Prevention, Assessment, Treatment, and Outcome. In: Zangeneh, M. (eds) Essentials in Health and Mental Health. Advances in Mental Health and Addiction. Springer, Cham; 2024. P 77-91. ISBN: 978-3-031-56191-7.
6. Kar SK, Menon V, Arafat SMY. Dhat Syndrome as a Diagnostic Category: The Nosological Struggle. In: Kar SK, Arafat SMY, Menon V, editors. Dhat Syndrome. Medical, Psychological, and Sociocultural aspects. Singapore Pte Ltd: Springer Singapore; 2024. P 29-35. ISBN: 978-981-99-8870-9.
7. Menon V, Naskar C. General Principles of Psychopharmacology in Women. In: Chandra PS, Yadiyal A, Tikka SK, Mohapatra D, editors. Women's Mental Health. New Delhi: Jaypee Brothers Medical Publishers; 2024. P 469-84. ISBN: 978-93-5696-722-9.
8. Menon V, Ramamurthy P, COVID-19 Pandemic and Social Psychiatry, In Chadda RK, Kumar V, Sarkar S, Editors. Social Psychiatry: Principles & Clinical Perspectives, 2nd Edition, Delhi: Jaypee Brothers Medical Publishers; 2024. P 539-551. ISBN: 978-93-5696-541-6
9. Ganesh R, Sarkar S. Current Perspectives on Substance Use Disorders in India—Public Mental Health Aspects. Current Perspectives on Substance Use Disorders in South Asia: Public Mental Health Aspects. 2024 Nov 26: P71-88.
10. Krishnan V, Ganesh R. Psychiatry an Emerging Neuroscience: Historical Perspectives. Gupta R, Tikka SK, editors. Textbook of Psychiatry. Elsevier Health Sciences; 2025 Mar: P 3-9.
11. Bharadwaj B, Mohan K, Sridharan A, Kattimani, S. Free papers: Identifying Protracted Withdrawal Symptoms in Alcohol Dependence: Implications for Relapse Prevention. Indian J Psychiatry. 2025;67:S84.
12. Ganesh R, Jha A, Mohankumar K. Bridging the Gap: Paediatric Consultation-Liaison Psychiatry in the Indian Healthcare System. ANCIPS 2025 Symposia. Indian J Psychiatry 2025; 67, P 123.
13. Grover S, Varadharajan N. Pollution and psychiatric disorders: Is there any relationship? Gupta VK and Gupta M, editors. Association of physicians of India (Malwa Branch) Monograph: Pollution and Health. Jay Cee Printers; 2024.P. 100-9. ISBN-978-81-976951-6-2.

Newsletters/Souvenirs

Dr Ankita Chattopadhyay contributed to the 'Basic Sciences' section of the Addiction Psychiatry Society of India (APSI) quarterly newsletter, 'APSI Newsbuzz'

Books Published

1. Kar SK, Arafat SMY, **Menon V**. Dhat Syndrome: Medical, Psychological, and Sociocultural aspects. Singapore Pte Ltd: Springer Singapore; 2024. ISBN: 978-981-99-8870-9.
2. Tikka SK, **Menon V**, Ranjan R, editors. Indian Psychiatric Society @ 75: A Panoramic Retrospection. New Delhi: Jaypee Brothers Medical Publishers; 2024. ISBN: 978-93-5696-468-6.

Department of Pulmonary Medicine

Research and Publications

Research Completed in 2024-25

1. **Title:** Implementation status of Airborne Infection control measures in selected government health care facilities of Puducherry. **Conclusion:** Overall, the AIC measures were well-implemented, but improvements are needed in infrastructure development for patient segregation in outpatient departments and dedicated AIC training for all healthcare personnel.
2. **Title:** Latent tuberculosis infection, Tuberculosis preventive treatment and glycaemic status in health care workers. **Conclusion:** Addressing the identified knowledge gaps and false perception through targeted interventions, healthcare institutions can improve TPT uptake. Implementing a comprehensive strategy that combines hospital policies to initiate screening and treatment, a supportive environment and shorter TPT regimens is essential to prevent TB among HCWs.

Grants obtained (Intramural and extramural)

Intramural Funding

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. R. Manju	2 Lakhs	3years	JIPMER
Dr. R. Manju	2 Lakhs	3 years	JIPMER
Dr. Dharm Prakash Dwivedi	0.39 Lakhs	3 Years 2023-2025	JIPMER
Dr. Dharm Prakash Dwivedi	0.5 Lakhs	3 years 2022-24 Completed	JIPMER
Dr. Dharm Prakash Dwivedi	2.00 Lakhs	2024-26	JIPMER
Dr. Dharm Prakash Dwivedi	2 Lakhs	2023	JIPMER
Dr. Madhusmita Mohanty Mohapatra	Rs.0.56 Lakhs	2025 2 years	JIPMER
Dr. Madhusmita Mohanty Mohapatra	Rs 1.7 Lakhs	2023 2 years	JIPMER
Dr. Vishnukanth G	2 Lakhs	2023	JIPMER
Dr. Vishnukanth G	0.39 Lakhs	3 years 2023	JIPMER
Dr. Vishnukanth G	2 Lakhs	3 years 2024	JIPMER

Extramural Funding: April 2024 – March 2025

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Saka Vinod Kumar	Rs. 42,78,555.35/-	2024 3 years	ICMR
Dr. R. Manju	8 Lakhs	4 years	ICMR
Dr. Dharm Prakash Dwivedi	45.307 Lakhs	5 Years 2022	ICMR, New Delhi
Dr. Dharm Prakash Dwivedi	-	2024	Report India
Dr. Dharm Prakash Dwivedi	-	2024	REPORT India
Dr. Dharm Prakash Dwivedi	0.30 Lakhs	2020 (STARTED IN 2022 AFTER COVID)	-

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Madhusmita Mohanty Mohapatra	Rs. 42,78,555.35/-	2024 3 years	ICMR
Dr. Vishnukanth G	0.30 Lakhs	2020 (STARTED IN 2022 AFTER COVID)	-
Dr. Vishnukanth G	45.307 Lakhs	5 years 11th July 2022	ICMR
Dr. Vishnukanth G	48,71,246	2024 FOR 3 YEARS	ICMR

1. Mohapatra MM, Vemuri MB, Saka VK, Upadhya P, Govindharaj V. Prevalence and predictors of suboptimal peak inspiratory flow rates in the management of chronic obstructive pulmonary disease. Monaldi Arch Chest Dis. 2024 Dec 24. doi: 10.4081/monaldi.2024.3210. Epub ahead of print. PMID: 39749893.
2. Palanivel J, Mohapatra MM, Rajaram M, Gochhait D, Chakkalakkoombil SV, Singh R. Exploring the role of Aspergillus galactomannan antigen in assessing the risk factor of acute exacerbations in chronic obstructive pulmonary disease patients: a cross-sectional study. Monaldi Arch Chest Dis. 2024 Sep 12. doi: 10.4081/monaldi.2024.3041. Epub ahead of print. PMID: 39283021.
3. Jayaseelan V, Kar SS, Duraiswamy M, Rajaram M, Menon V, Wyawahare M, et al. New-onset Diabetes Mellitus among adults as sequelae of COVID-19 in selected tertiary care hospital, Puducherry – A cohort study. Clinical Epidemiology and Global Health [Internet]. 2024 Dec 25;31:101897. Available from: https://www.sciencedirect.com/science/article/pii/S2213398424003944.
4. Subramanian S, Gnanadhas J, Sarkar S, Rajaram M, Prakashbabu S, Chinnakali P. Why do healthcare workers refuse tuberculosis preventive treatment (TPT)? a qualitative study from Puducherry, South India. BMJ Open Respir Res. 2024 Dec 5;11(1):e002576. doi: 10.1136/bmjresp-2024-002576. PMID: 39645238; PMCID: PMC11624695.
5. Garg S, Govindaraj V, Dwivedi DP, Raja K, Theerthar EP. Postoperative pulmonary complications in patients undergoing upper abdominal surgery: risk factors and predictive models. Monaldi Arch Chest Dis. 2025 Mar 31;95(1). doi: 10.4081/monaldi.2024.2915. Epub 2024 Mar 25. PMID: 38526466.
6. Murugesan C, Bai M, Pottakkat B, Dwivedi DP, Munuswamy H, Mohan P. Congenital bilio-bronchial fistula in an adult: a review of literature and video demonstration of laparoscopic fistula tract excision. J Minim Invasive Surg. 2024 Mar 15;27(1):1-11. doi: 10.7602/jmis.2024.27.1.1. PMID: 38494180; PMCID: PMC10961235.
7. Palanivel J, Mohapatra MM, Rajaram M, Gochhait D, Chakkalakkoombil SV, Singh R. Prevalence and risk factors for chronic pulmonary aspergillosis in chronic obstructive pulmonary disease patients with acute exacerbations. Monaldi Arch Chest Dis. 2025 Mar 31;95(1). doi: 10.4081/monaldi.2024.2927. Epub 2024 Mar 21. PMID: 38517152.
8. Sivaselvi C, Rajaram M, Warrier LS, Upadhya P. Burkholderia pseudomallei-an unusual cause of septic embolism. Chest Disease Reports. 2024 May 2: Volume 12:12120. doi: https://doi.org/10.1093/ehjcr/yty055.
9. Garg S, Mohapatra M, Joseph CG, Bhaskar M. Tension pyopneumothorax caused by Burkholderia cenocepacia: a rare case report in an immunocompetent individual. Monaldi Archives for Chest Disease. 2023 Sep 19; https://doi:10.4081/monaldi.2023.2616. PMID: 37731385.
10. Joseph CG, Mohapatra MM, Rajaram M, Palanivel J, Velappan B. Fungal pneumonia concealing bacterial pneumonia: a diagnostic dilemma. Monaldi Arch Chest Dis. 2023 Sep 4;94(2). doi: 10.4081/monaldi.2023.2683. PMID: 37667899.
11. Nadaf Z, Upadhya P, A J, K SA, Mohanty Mohapatra M. Cocaine-Induced Steroid Resistant Organising Pneumonia in a Young Male: The Lows of Getting High. Cureus. 2023 Oct 12;15(10):e46923. doi: 10.7759/cureus.46923. PMID: 38022162; PMCID: PMC10640390.
12. Garg S, Upadhya P, Kumar A, Stephen N, Subramanian B. Overcoming the challenges of a misdiagnosed rare lung disease - idiopathic pleuroparenchymal fibroelastosis. Monaldi Arch Chest Dis. 2023 Aug 2;94(2). doi: https://10.4081/monaldi.2023.2632. PMID: 37545339.
13. Rajkumar MB, Kumaresan M, Olavera H, Jamir I, Sistla S, Raja K, Govindaraj V. An insight into Eikenella corrodens infections in humans-experience from a tertiary care centre in South

India. Int J Res Med Sci [Internet]. 2024 Aug. 31 [cited 2025 Jul. 29];12(9):3412-8. Available from: https://www.msjonline.org/index.php/ijrms/article/view/13904.

14. Joseph CG, Mohapatra MM, Garg S, Toi PC. Fungal pneumonia causing mycotic subclavian aneurysm - A diagnostic and therapeutic challenge. Lung India. 2023 Nov-Dec;40(6):559-561. doi: 10.4103/lungindia.lungindia_344_23. PMID: 37961969; PMCID: PMC10723203.

Publications -- Non-indexed Journals

1. Ravichandran M, Rajasegaran R, Govindaraj V. Prevalence of obstructive sleep apnoea risk and its association with anthropometric indices of cardiometabolic risks and cognition in young and middle-aged adults. Indian Journal of Physiology and Pharmacology. 2024 Mar 30;68:42–9. doi: http://10.25259/IJPP_341_2023.
2. Chellamuthu Sivaselvi, Moorthy A, Dwivedi DP, Bhavana Ashok Badhe. Lung adenocarcinoma - a diagnostic challenge. Chest Disease Reports. 2024 May 6;12(1). doi: https://doi.org/10.4081/cdr.12.12032.
3. Govindaraj V, Chellamuthu S, Vemuri MB, *et al*. Giant-cell Tumor of Dorsal Vertebra Presenting as a Posterior Mediastinal Mass: A Rare Case Report. Indian J Chest Dis Allied Sci 2024;66(2):64–67. doi: https://10.5005/jp-journals-11007-0146.
4. Palanivel J, Upadhya P, Mohapatra MM, Bagarhatta P, Karthikeyan M. A rare case of community-acquired pneumonia complicated by severe Acute Respiratory Distress Syndrome in an immunocompetent male: *Aeromonas jandaei* . Chest Disease Reports. 2024 Sep 5;12. doi: https://doi.org/10.4081/cdr.12.12788.
5. Jeevanandham Anandan, Dr. Pratap Upadhya, Dr. Zeenathalam Nadaf. A rare case of Calcified Mediastinal Lymphadenopathy Due to anal Adenocarcinoma Metastasis. mcrr [Internet]. 2024 Jan. 30 [cited 2025 Jul. 29];7(01):01-5. Available from: https://mcrr.info/index.php/mcrr/article/view/264.

Book Chapters

1. D P Dwivedi, Rashmi Singhla. Textbook of Clinical Pharmacology. *2024;* edn 1.

Books Published

1. Madhusmita Mohanty Mohapatra, Pratap Upadhya. Handbook of Endobronchial Ultrasound: Diagnosis and Interventions: published by Springer 2024.

Department of Radiodiagnosis

Research and Publications

Research Completed in 2024-2025

- Diagnostic accuracy of diffusion MRI parameters - (ADC, FA and MD) for detecting osteoporosis in comparison with dual energy x-ray absorptiometry (DEXA)
- Clinical Utility of Dynamic Contrast-Enhanced (DCE) And Dynamic Susceptibility Contrast (DSC) MRI Perfusion for differentiating the grades of intra-axial brain tumours in comparison with histopathology. We found significant differences in key perfusion parameters—such as Ktrans, Ve, rCBV, and rCBF—between high-grade and low-grade tumours, with higher median values in high-grade tumours. Among these, Ktrans from DCE MRI proved to be the most accurate parameter for distinguishing tumour grades, as demonstrated by ROC curve analysis. Ve from DCE MRI and rCBV from DSC MRI also showed strong diagnostic performance.
- Evaluation of aqueductal CSF flow dynamics with phase contrast cine MR imaging in Idiopathic Intracranial Hypertension (IIH) patients, as compared to patients without IIH. We found a statistically significant difference among the acute, on-treatment and chronic subgroups of IIH patients with regard to all the CSF flow parameters ($p < 0.05$). The acute group exhibited increased values compared to the controls, indicating impaired CSF flow dynamics. In the on-treatment and chronic groups, PSV and AF were significantly lower in than in controls, indicating a negative association. Moreover, all the CSF parameters showed a declining trend in the on-treatment and chronic groups attributing to a decrease in CSF production as a result of medical treatment.
- Predictive accuracy of dual energy computed tomography (DECT) parameters in differentiating the histopathological types & grades in patients with gastric carcinoma. Nnormalized iodine concentration of the lesion in the portal phase (NICPP) measured with twin beam Dual energy CT may help to distinguish intestinal from non-intestinal (diffuse/signet ring) type gastric

cancers , for a cut-off value of 0.511, NICPP shows sensitivity of 59.2% and a specificity of 53.9%. Other DECT parameters do not distinguish between the histological types or grades of gastric carcinoma.

- Clinical utility of VIRADS scoring system using multiparametric (MP) MRI in differentiating non muscle invasive and muscle invasive bladder cancer. VI-RADS is a reliable tool for predicting muscle invasiveness in bladder cancer. Diffusion weighted imaging (DWI) offers the highest diagnostic accuracy, while biparametric MRI using T2 WI and DWI provides a feasible, cost-effective alternative to MP-MRI without compromising performance. Re-TURBT is advised in high-risk cases to minimize under staging and reduce false positives.
- Diagnostic utility of computed tomography (CT) perfusion in differentiation of pancreatic adenocarcinoma from mass forming chronic pancreatitis.
- Diagnostic Performance of Neck Imaging Reporting and Data System (NIRADS) in predicting tumor recurrence in treated patients of Head and Neck Squamous Cell Carcinoma Using Contrast enhanced CT and Contrast-enhanced MRI.
- Normative values of L3 skeletal muscle index (L3-SMI) on NCCT in a healthy population and comparison with L3-SMI of subjects with chronic illness attending tertiary care hospital in South India.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr A. Ramesh	94,644 INR	1/7/2022-3/6/2025	Intramural JIPMER
Dr. A. Ramesh	213 Lakhs INR	12/08/2022-11/08/2025	Extramural-DHR

Publications--Indexed Journals

1. Baskararaj S, Nagarajan K, Gopikrishnan R. Ruptured Dissecting Aneurysm of Posterior Inferior Cerebellar Artery Aneurysm Managed with Flow Diversion: Diagnostic and Interventional Challenge. J Cerebrovasc Sci 2024; 12(1): 39-43.
2. Sivasubramaniyan KM, Gomathishankar V, Harshith K, Nagarajan K, Amuthabharathi M, Sabarish S. Clinico-radiological features in the characterization and differentiation of acute and chronic superior mesenteric artery occlusion (SMAO). Indian J Surg 2025; 87(2): 334-43
3. Nagarajan K, Amuthabharathi M, Subathra A, Gowtham MS. Report of three cases of persistent Hypoglossal Artery with associated anomalies and a review of literature. Neurology India 2025; 73(3): 627-30
4. Nagarajan K, Nitheesha Reddy, V, Midhusha Reddy V. Spiral twisting of distal (V4) vertebral arteries in an asymptomatic female and its embryological basis. Surg Radiol Anat 2025; 47: 97
5. Raveendranath V, Kavitha T, Suganya G, Nagarajan K. MR-based evaluation of ventricular indices in south Indian population and its clinical implication. Eur J Anat 2025; 29(2): 225-32
6. Sriviruthi B, Amuthabharathi M, Nagarajan K, Ramesh Babu K, Biswal N, Vivekanandan M. Optochiasmatic involvement in tuberculous meningitis: A case series with a review of literature. J Neurosci Rural Pract 2025 doi: 10.25259/JNRP_36_2025
7. Vandana G, Karunakar P, Krishnasamy S, Sivakumar RR, Deepthi B, Kumar BH, Palanisamy S, Ananthakrishnan R, Krishnamurthy S. Clinical Characteristics and Outcomes of Children with Unilateral Multicystic Dysplastic Kidney: A Cohort Study. Indian Pediatr. 2025 Mar;62(3):203-209. doi: 10.1007/s13312-025-00006-8.
8. Gorijavolu M, Kavadichanda CG, Gopal A, Ananthakrishnan R, Naik D, Mariaselvam CM, Thabah MM, Negi VS. Findings on serial thigh MRI can identify individuals with inflammatory myositis who recover sub-optimally: A 6-month follow-up study. J R Coll Physicians Edinb. 2024 Dec;54(4):290-297. doi: 10.1177/14782715241300850.
9. Sekhar S, Kundra P, Mohan VK, Senthilnathan M, Ramesh A. Ultrasonographic evaluation of palatoglossal space to predict difficult mask ventilation - A prospective observational study. Indian J Anaesth. 2025 Mar;69(3):315-318. doi: 10.4103/ija.ija_963_24.
10. Gopalakrishnan A, Ganesan S, Ramesh AS, Ramesh A, Penubarathi LK, Raja K, Lakshmanan J, Khushwaha A, Kaushal K, Alexander A. Do Anatomical Variations of Sphenoid Sinus Influence Sella Exposure and Residual Disease in Pituitary Surgery? - A Study in an Indian Population. Int Arch Otorhinolaryngol. 2024 Oct 25;28(4):e643-e649. doi: 10.1055/s-0044-1788313.
11. Kumar A, Priyadarshini G, Parameswaran S, Ramesh A, Rajappa M. Evaluation of MicroRNA 145 and MicroRNA 155 as Markers of Cardiovascular Risk in Chronic Kidney Disease. Cureus. 2024 Aug 9;16(8):e66494. doi: 10.7759/cureus.66494.
12. Priyadarshini G, Parameswaran S, Sahoo J, Selvarajan S, Ramesh A, Rajappa M. Matrix Gla Protein

and Nitric Oxide Synthase-3 Genetic Variants in Chronic Kidney Disease and Their Relation with Cardiovascular Risk. Int J Nephrol. 2024 Aug 30; 2024:3850055. doi: 10.1155/2024/3850055.

13. Palanivel J, Mohapatra MM, Rajaram M, Gochhait D, Chakkalakkoombil SV, Singh R. Exploring the role of Aspergillus galactomannan antigen in assessing the risk factor of acute exacerbations in chronic obstructive pulmonary disease patients: a cross-sectional study. Monaldi Archives for Chest Disease. 2025.
14. Palanivel J, Mohapatra MM, Rajaram M, Gochhait D, Chakkalakkoombil SV, Singh R. Prevalence and risk factors for chronic pulmonary aspergillosis in chronic obstructive pulmonary disease patients with acute exacerbations. Monaldi Archives for Chest Disease. 2025.
15. Jacob A, Jacob A, Veena P, Ganesan P, Sunitha VC, Harichandrakumar KT. Platinum Resistance Screening In Ovarian Cancer Using CECT Based Machine Learning Algorithms. International Journal of Gynecological Cancer. 2025; 1;35(2).
16. Goenka L, Ganesan P, Kayal S, Rajappa M, Gochaiit D, Manivannan P, Chakkalakkoombil S, Pradeep S, Anandaradje A, Goud A, Chaturvedula L. EV258/# 455 Repurposing hydroxychloroquine to target autophagy in platinum-sensitive relapsed ovarian cancer: a randomised phase II trial. International Journal of Gynecological Cancer. 2024 Oct 1;34:A215-6.
17. Goenka L, Dubashi B, Kayal S, Rajappa M, Manivannan P, Chakkalakkoombil SV, Gochhait D, Chaturvedula L, Pradeep S, Anandaradje A, Goud AC. Targeting autophagy in platinum-sensitive relapsed ovarian cancer: randomized phase II trial of hydroxychloroquine with chemotherapy with biomarker correlation. Discover Oncology. 2025;16(1):1-2.
18. Sundaramoorthy S, Karunanidhi G, Pal P, SV C, Radhakrishnan H. Assessment of Radiation Induced Pneumonitis and Pericarditis in Patients Undergoing Breast Conservative Treatment Using Hypofractionated Simultaneous Integrated Boost Technique. The Gulf Journal of Oncology. 2024 May 1;1(45):15-29. PMID: 38774929.
19. Vasipalli SS, Rao T, Nagaraju N, Kayal S, Keerthivasagam S, Dubashi B, Ganesan P, Kar R, Nambiar K, Chakkalakkoombil S, Prem Sudha S. Survival outcomes and prognostic factors in marginal zone lymphoma: A single-center experience from India.
20. Zachariah VK, Sunitha VC, Ramachandran N, Vairappan B, Parameswaran S, Priyamvada PS. Does lung ultrasound-guided ultrafiltration lead to better outcomes in acute kidney injury requiring intermittent hemodialysis: A randomized control trial. Hemodialysis International. 2024 Oct;28(4):435-43.
21. Arora G, Bobby Z, Ganesan P, Sunitha VC, Thalapalliyil K. Increment in Oncovascular Risk Factors and Psychological Distress and Unaltered Vascular Endothelial Function with Advancement of the Stages in Newly Diagnosed Patients with Primary Breast Cancer. Indian Journal of Medical and Paediatric Oncology. 2024 Sep 17.
22. Parameswaran S, Natarajan R, Sreerag KS, Srinivas BH, Sunitha VC, Priyamvada PS. WCN24-2380 estimated glomerular number and single nephron GFR among living kidney donors in India. Kidney International Reports. 2024 Apr 1;9(4):S294-5.
23. Dhok A, Ratnaparkhi C, Kumar S, Manhas SD, Umredkar A. An Aberrant Case of Neuromyelitis Optica Spectrum Disorder With a Review of Literature. Cureus. 2024 May 6;16(5):e59765. doi: 10.7759/cureus.59765. PMID: 38846197; PMCID: PMC11153345.
24. Ratnaparkhi C, Dhok A, Gupta A, Dube A, Kurmi B, Umredkar A, Kumar S, Pande S, Ghatol S. Diagnostic Accuracy of Hounsfield Unit Value and Hounsfield Unit to Hematocrit Ratio in Predicting Cerebral Venous Sinus Thrombosis: A Retrospective Case-Control Study. Cureus. 2024 Apr 3;16(4):e57567. doi: 10.7759/cureus.57567. PMID: 38707168; PMCID: PMC11069020.
25. Dr. Rudresh Hiremath, Dr. Gurumurthy B, Dr. Vandana S et al. Stones to strictures - conventional sialography in current clinical practice. Int. J. Radiol. Sci. 2024;6(2):21-26.

Publications -- Non-indexed Journals

1. Balasoupramaniane K, Dwivedi DP, Govindaraj V, Joseph NM, Barathi D. Diagnostic Accuracy Of Urine Lipoarabinomannan In Presumptive Tb Patients In South India–A Cross-Sectional Study. Indian Journal of Tuberculosis. 2025 May 26.
2. Ravi K, Das S, Patra AP, Subramania DB, Thazhath HK. Stature Estimation and Craniometry-A Computed Tomography Scan Based Study in South Indian Adult Population. Forensic Imaging. 2025 Apr 17:200627.
3. Gollapudi SS, Stalin V, Deepak BS, Jayachandran S. Etiology and Outcomes in Patients With Chronic Kidney Disease and Ascites. Cureus. 2024;16(7).
4. Rao TM, Kumar VR, Ramesh AS, Barathi D. Minimally Invasive Laminoforaminotomy for Cervical Foraminal Narrowing Using Tubular Retractor System-A Prospective Study. Journal of Spinal Surgery. 2024 Oct 1;11(4):149-53.

Department of Radiation Oncology

Research and Publications

Research Completed

1. Weekly Paclitaxel vs Weekly Cisplatin for concurrent chemoradiation in Carcinoma oral cavity, oropharynx, hypopharynx patients - A prospective Phase II / III Randomised Control Trial
2. Survival outcome with local or metastasis directed radiation therapy in oligometastatic tumors – A case series

Grants Obtained

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Gunaseelan K	Rs 47,41,180/-	2024 to 2025	NCDIR-ICMR Bangalore
Dr. Gunaseelan K	Rs 4,30,690/-	2024 to 2025	JIV DAYA FOUNDATION, USA – Palliative care initiative project
Dr. Gunaseelan K	Rs.9,00,000/-	2024 to 2025	ICMR

b. Publications--Indexed Journals

1. Cincy Merin Varughese, Swaroop Kumar Sahu, **Gunaseelan Karunanithi**, R. Duraisamy et al Implementation research on registering cancer cases in primary health centres of Puducherry through community health workers. Indian J Med Res 159, March & April, 2024, pp 369-378. DOI: 10.25259/ijmr_2285_23
2. Sundaramoorthy S, **Karunanidhi G**, Pal P, C SV, Radhakrishnan H. Assessment of Radiation Induced Pneumonitis and Pericarditis in Patients Undergoing Breast Conservative Treatment Using Hypofractionated Simultaneous Integrated Boost Technique. Gulf J Oncolog. 2024 May;1(45):15-29. PMID: 38774929.
3. Gundapuneedi BS, **Sethi P**, **Vijayaprabhu N, Saravanan K**, Mahalakshmy T. VMAT plan quality comparison between Clinac-iX and halcyon treatment delivery systems for nasopharyngeal carcinoma. Med Dosim. 2025;50(1):19–28. doi.org/10.1016/j.meddos.2024.07.004
4. **Yadala A**, Mukherjee A, Neelakandan V, Karunanithi A, Dubashi B, Menon V, Elumalai T, Bharathi D, Gundapuneedi BS, Loganathan V. Safety and Feasibility of Hippocampal Sparing Cranial Radiation in Pediatric and Adolescent Acute Lymphoblastic Leukemia Patients: A Prospective Study. Cureus. 2024 Jun 19;16(6):e62715. doi: 10.7759/cureus.62715. PMID: 39036107; PMCID: PMC11259313.
5. U P, **Yadala A**, Ashok Badhe B. Cutaneous Metastasis of Oral Carcinoma Tongue: A Rare Case. Cureus. 2024 Jul 18;16(7):e64827. doi: 10.7759/cureus.64827. PMID: 39156391; PMCID: PMC11330193.
6. **Gundapuneedi BS**, **Yadala A**, Srinivas BH, Pradeep SH, Khan R. A rare presentation of an oral cavity metachronous malignancy: Case Report. Gulf J Oncolog. 2025 Jan;1(47):61-64. PMID: 40464436.
7. Talasila P, Hedge SG, **Periasamy K**, et al. Imaging in Esophageal Cancer: A Comprehensive Review. Indian J Radiol Imaging. 2024;35(1):123-138. doi: 10.1055/s-0044-1786871.
8. Kumar D, Dey T, Sekar A, et al. Small cell carcinoma esophagus-A tertiary cancer center experience of a rare variant. J Cancer Res Ther. 2024;20(3):918-921. doi: 10.4103/jcrt.jcrt_1938_23.
9. Chandran V, **Periasamy K**, Kaman L, et al. Carcinoma esophagus with small bowel metastasis: a case report with review of literature. Int Cancer Conf J. 2024;13(4):449-453. doi: 10.1007/s13691-024-00717-y.
10. **Periasamy, K**., Dey, T., Goyal, S. et al. Primary renal leiomyosarcoma in adult patients: a systematic review and individual patient data analysis. Afr J Urol 30, 15 (2024). https://doi.org/10.1186/s12301-024-00418-1
11. Goyal S, **Periasamy K**, Dey T, et al. Adjuvant Radiotherapy in Bladder Cancers: A Dosimetric Study Focusing on Ileal Conduit Sparing. Clin Oncol (R Coll Radiol). 2025;37:103654. doi:10.1016/j.clon.2024.10.006
12. Singla A, Goyal S, Mitra S, **Periasamy K** et al. Periprosthetic metastases in carcinoma of unknown primary: A rare association. J Cancer Res Ther. 2025;21(1):212-214. doi:10.4103/jcrt.jcrt_526_22
13. Vias P, Goyal S, Madan R, **Periasamy K** et al. Renal cell carcinoma in the background of autosomal dominant polycystic kidney disease: report of two

cases and review of literature. Indian J Med Paediatr Oncol 2024; 45(02): 188-193

14. Debnath K, Sakaray Y, Irrinki S, **Periasamy K** et al. Post-operative and short-term oncological outcomes in patients with early-onset colorectal cancer: A prospective observational study. Clinical Surgical Oncology. 2025 Mar 1;4(1):100077.
15. Ghose S, **Roy S**, Ghosh V et al. The plasma EBV DNA load with IL-6 and VEGF levels as predictive and prognostic biomarker in nasopharyngeal carcinoma. Virol J 21, 224 (2024). https://doi.org/10.1186/s12985-024-02473-0

Publications -- Non-indexed Journals

1. Rajendran Rangasamy Kavitha, **Karunanithi Gunaseelan**, Sundaresan Madhumitha et al. A Study to Assess the Knowledge on Fire Safety at Work Place among the Health Care Workers at a Tertiary Care Hospital. The Nursing Journal of India July - August 2024 | Vol. Cxv, No. 4, 154-159
2. Manne S, Kakollu M, **Yadala A**. Assessing sexual health among women cancer survivors at a tertiary cancer centre: a cross-sectional study. Int J Acad Med Pharm. 2024;6(3):446–451. doi:10.47009/jamp.2024.6.3.92.

Book Chapters –

"Management of Renal neoplasms" authored by **Dr Pooja Sethi**, Dr Pritam Singla, Dr Treshita Dey, Dr Renu Madan for the book entitled "Evidence Based Practice in Pediatric Radiation Oncology (Springer Nature Singapore Pvt Ltd)", Jan 2024.

Department of Surgery

Research and Publications

Research Completed

1. Levofloxacin based therapy vs Hybrid therapy in the eradication of Helicobacter pylori: A randomized controlled trial.
2. Comparison of adapted Enhanced Recovery After Surgery (ERAS) pathway versus standard care in patients undergoing emergency abdominal surgery – a randomized controlled trial.
3. Nutritional risk assessment as a predictor of postoperative complications in patients undergoing elective abdominal surgery.
4. A Randomized, Double-Blind, Placebo-Controlled Dose-Ranging Study of Auxora in Patients with Acute Pancreatitis and Accompanying Systemic Inflammatory Response System (CARPO).
5. Prevalence Of Human Papilloma Virus (HPV) And Ebstein Barr Virus (EBV) In Gastric and Gastro-Esophageal Cancers Among Patients Attending a Tertiary Care Hospital in South India -A Cross-Sectional Analytical Study.
6. Comparison of Topical Sucralfate and Nifedipine cream with Topical Nifedipine alone in the management of fissure in ano – A randomized control trial.
7. Association of Helicobacter pylori and its Virulence Genes with Gastric Cancer in South Indian Population – A case control study.
8. Role Of Partial Splenic Embolization Combined with Endoscopic Therapies in Cirrhotic Patients with Hypersplenism Having Variceal Bleed- An Observational Study.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr. Elamurugan	1,85,000	2025-2027	JIPMER

Publications--Indexed Journals

1. NR VP, Jain A, Aishwarya R, Subrahmanyam DK. 613 Granulocyte-Colony Stimulating Factor (G-Csf) And Erythropoietin (Epo) Combination Therapy In Upper Gastrointestinal Bleed With Underlying Liver Cirrhosis: A Randomized Controlled Trial. Gastroenterology. 2024 May 18;166(5):S-1803. Correlation of energy balance with fat and Muscle mass changes in complicated acute Pancreatitis: A prospective observational study. **Vishnu Prasad N R, Soumia V, Abhinay reddy.** Accepted for publication in Tropical gastroenterology Journal on 26th September 2024.
2. Samuel EM, Sundaramurthi S, Hanumanthappa N, Nelamangalaramakrishnaiah VP. Diagnostic value of vascular endothelial growth factor (VEGF) levels in gastrointestinal cancers with ascites-A cross sectional study. Turkish Journal of Surgery. 2025 Feb 27;41(1):78.
3. A Shreya A, Sahla S, Gurushankari B, Madan S, Rifai IZ, Kate V et al. Spectrum of perforated peptic ulcer disease in a tertiary Care hospital in South India: Predictors of morbidity and mortality. ANZ J Surg 2024 ;94(3):366-370.
4. Dharanesh Daneti, Kuppusamy Senthamizhselvan, Mamidala RV Chandra, Pazhanivel Mohan, Kate V. Clinical outcomes and their determinants in patients

with gastric variceal bleed undergoing endoscopic cyanoacrylate injection -an observational study. J Clin Exp Hepatol 2024; 14;101315. https://doi.org/10.1016/j.jceh.2023.101315.

5. Mannoj Kumar S, Anandhi A, Sathasivam Sureshkumar, Keerthi A R, Kalayarasan R, Jha AK, Bobby Z, Vikram Kate. Effect of Preoperative Oral Carbohydrate Loading on Postoperative Insulin Resistance, Patient-Perceived Well Being and Surgical Outcomes in Elective Colorectal Surgery - A Randomized Controlled Trial Journal of Gastrointestinal Surgery 2024; 28: 1654-1660.
6. Singh AK, Gunjan D, Dash NR, Poddar U, Gupta P, Jain AK, Lahoti D, Nayer J, Goenka M, Philip M, Chadda R, Singh RK, Appasani S, Zargar SA, Broor SL, Nijhawan S, Shukla S, Gupta V, Vikram Kate, Makharia G, Kochhar R. Short-term and long-term management of caustic-induced gastrointestinal injury: An evidence-based practice guideline. Indian Journal of Gastroenterology doi.org/10.1007/s12664-024-01692-1
7. Sandhya K, Sinduja R, Gurushankari B, Elamurugan TP, Mahalakshmy T, Vikram Kate, Nanda N, Rajesh NG, Rajeswari M, Raj R, Shankar G. Development of panel of three- dimensional biomarkers to identify gastric carcinoma and precancerous lesions of the stomach - An analytical cross-sectional study. Journal of Clinical Biochemistry. https://doi.org/10.1007/s12291-024-01257-1.
8. Grant J, Dharanipragada K, Rashid MA. Lost in learning. Medical Education. 2025 May 20.
9. Vijayakumar C, Jain A, Kalaranjani M, Kumbhar US, Kumar AN, Sreenath GS. Effectiveness of Myofascial Release Compared to Manual Lymphatic Drainage in Reducing Post-Treatment Shoulder Pain and Stiffness Among Patients Who Underwent Breast Cancer Surgery and Adjuvant Radiotherapy: Randomised controlled trial. Sultan Qaboos University Medical Journal. 2025;25(1):328-35.
10. Padmanaban U, Ramakrishnan A, Reddy A, Murugesan R, Suresh C, Kumbhar US, Jain A, Shamanna SG. Prognostic Nutritional Index as a Predictor of Postoperative Outcome in Patients with Gastrointestinal Malignancies. Int J Nutr Sci. 2025;10(1):74-80. doi: 10.30476/ijns.2025.102597.1324.
11. Prakash, S., Shaikh, O., Vijayakumar, C., Kumbhar US. Comparison between sutures, cyanoacrylate and self-gripping mesh in Lichtenstein hernia repair: a multi-arm randomised control trial. Hernia 29, 136 (2025). https://doi.org/10.1007/s10029-025-03324-9
12. Fysel AM, Kumbhar US. Robotic repair of a right paraduodenal hernia: a clinical presentation and management. BMJ case reports. 2024 Dec 5;17(12):e262883.
13. Varun R, Shaikh OH, Sagar P, Vijayakumar C, Balasubramanian G, Kumbhar US. Telescopic dissection versus balloon dissection during laparoscopic totally extraperitoneal inguinal hernia repair: A prospective randomised control trial. Journal of Minimal Access Surgery. 2024 May 10:10-4103.
14. Kumbhar US. Laparoscopic-Assisted Robotic Repair of Right Paraduodenal Hernia, British Journal of Surgery, Volume 111, Issue Supplement_5, May 2024, znae122.181, https://doi.org/10.1093/bjs/znae122.181
15. Kumbhar US, Robotic Total Extraperitoneal (Rtep) Inguinal Hernia Repair: A Pragmatic Approach, British Journal of Surgery, Volume 111, Issue Supplement_5, May 2024, znae122.182, https://doi.org/10.1093/bjs/znae122.182
16. Dönmez AE, Goswami AG, Raheja A, Bhadani A, Alniemi A, Awad A, Aladl A, Younis A, Alwali A, Khalil A, Mansour A. Access to and quality of elective care: a prospective cohort study using hernia surgery as a tracer condition in 83 countries. The Lancet Global Health. 2024 May 23.
17. National Institute for Health and Care Research (NIHR) Global Health Research Unit on Global Surgery. Global access to technologies to support safe and effective inguinal hernia surgery: prospective, international cohort study. Br J Surg. 2024 Jul 2;111(7):znae164. doi: 10.1093/bjs/znae164. Erratum in: Br J Surg. 2024 Oct 1;111(10):znae275. doi: 10.1093/bjs/znae275. PMID: 38985889; PMCID: PMC11235323.
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19. Reji RG, Vijayakumar C, Sreenath GS. Surgical site infections in elective and emergency general surgery cases in a tertiary public hospital of South India: a retrospective study.
20. Atul A, Elamurugan TP, Sudharsanan S, Vijayakumar C, Sreenath GS, Balasubramaniyan V. Unveiling molecular clues: Exploring IFNγ, IL-10, and MMP7 blood levels in gastric carcinoma patients. Turkish Journal of Surgery. 2024 Sep 30;40(3):212.
21. Vijayakumar C, Jain A, Kalaranjani M, Kumbhar US, Kumar AN, Sreenath GS. Effectiveness of Myofascial Release Compared to Manual Lymphatic Drainage in Reducing Post-Treatment Shoulder

Pain and Stiffness Among Patients Who Underwent Breast Cancer Surgery and Adjuvant Radiotherapy: Randomised controlled trial. Sultan Qaboos University Medical Journal. 2025;25(1):328-35.

22. Padmanaban U, Ramakrishnan A, Reddy A, Murugesan R, Suresh C, Kumbhar US, Jain A, Shamanna SG. Prognostic Nutritional Index as a Predictor of Postoperative Outcome in Patients with Gastrointestinal Malignancies. International Journal of Nutrition Sciences. 2025 Jan 1;10(1):74-80.
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24. Karra S, Sinduja R, Gurushankari B, Elamurugan TP, et al. Development of Panel of Three-Dimensional Biomarkers to Identify Gastric Carcinoma and Precancerous Lesions of the Stomach - An Analytical Cross-Sectional Study. Ind J Clin Biochem (2024). Epub ahead of print. https://doi.org/10.1007/s12291-024-01257-1.
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31. Pant A, Saha D, Sudharsanan S. Letter to the Editor: The oncologic outcome and prognostic factors for solitary colorectal liver metastasis after liver resection. J Gastrointest Surg. 2024;28(1-2).
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33. Kumar S, Singh J, Sudharsanan S. Recurrence in ventral abdominal wall hernias treated using semiabsorbable hybrid meshes. Updates Surg. 2024;76(1):325-326.
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36. Narendra RN, Vijayakumar C, Haritha G, Kumar SA, Srinivasan K, Biswajit D, Bhawana AB, Elangovan S, Nalla RN, Balasubramanian G, Sahoo AK. Ki-67 Levels and Their Association with Response to Neoadjuvant Chemotherapy in Triple-Negative Breast Cancer: A Prospective Observational Study. Cureus. 2025 Apr 29;17(4):e83207.
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Book Chapters/Conference Proceedings

1. Vikram Kate, Kalayarasan R. Biliary Parasitic Disease. In: Dennison A, Maddern G, and Fan J (Eds) Bailey & Love's Essential Operations in Hepatobiliary and Pancreatic Surgery. Boca Raton, FL: CRC/ Taylor & Francis, 2025: 521- 527

Department of Surgical Gastroenterology

Research and Publications

Research Completed

- Early postoperative outcome of robot assisted Frey's procedure for chronic pancreatitis: a prospective observational study

Grants obtained (Intramural and extramural)

- **Professor Biju Potttakkat** Continuing grants for research projects and collaborations and grant amount ICMR- 36 lakhs, DST- 28.1 lakhs and International Liver Transplant Society- 21 lakhs
- **Dr Kalayarasan** received an extramural grant of 9.48 lakhs from ICMR for the research project "Database creation for computational predictive analysis of treatment response assessment in Esophageal cancer patients in India"

Publications--Indexed Journals

1. Kalayarasan R, Sai Krishna P. Robotic esophagectomy with function-preserving radical mediastinal lymphadenectomy for esophageal cancer. Ann Gastroenterol Surg. 2024;9(1):12-23.
2. Pottakkat B, Harilal S, Kalayarasan R, Krishna PS. Near total head resection of pancreas in patients with chronic pancreatitis - Outcome of a novel surgical technique. Pancreatology. 2024;24(6):954-959.
3. PancreasGroup.org Collaborative. Pancreatic surgery outcomes: multicentre prospective snapshot study in 67 countries. Br J Surg. 2024;111(1):znad330.
4. Garg S, Govindaraj V, Dwivedi DP, Kalayarasan R, Theerthar EP. Postoperative pulmonary complications in patients undergoing upper abdominal surgery: risk factors and predictive models. Monaldi Arch Chest Dis. Published online March 25, 2024. doi:10.4081/monaldi.2024.2915
5. Bhukya D, Naik P, Ramachandran M, Kalayarasan R, Munuswamy H, Ganesh RN,et al. Splenic artery aneurysm and infarction during pregnancy from infective endocarditis. BMJ Case Rep. 2024;17(11):e260923.
6. NIHR Global Health Research Unit on Global Surgery; STARSurg Collaborative. A prognostic model for use before elective surgery to estimate the risk of postoperative pulmonary complications (GSU-Pulmonary Score): a development and validation study in three international cohorts. Lancet Digit Health. 2024;6(7):e507-e519.
7. Kumar SM, Anandhi A, Sureshkumar S, Keerthi AR, Kalayarasan R, Jha AK, et al. Effect of preoperative oral carbohydrate loading on postoperative insulin resistance, patient-perceived well-being, and surgical outcomes in elective colorectal surgery: a randomized controlled trial. J Gastrointest Surg. 2024 Oct;28(10):1654-1660.
8. Dhandapani S, Kalayarasan R, Priyadarshi K, Sastry AS. Implementation of surgical site infection care bundle in patients undergoing gastrointestinal surgeries. Indian J Med Microbiol. 2024; 51:100670.
9. Raja K, Kalayarasan R, Kushwaha A, Ganesan S, Penubarthi LK, Paramasivam S, Alexander A. A Novel Method of Management of High Output Chyle Leak Following Neck Dissection: Indocyanine Green Fluorescence-guided Robotic Transthoracic Thoracic Duct Ligation: A Case Series. Indian J Otolaryngol Head Neck Surg. 2024 Dec;76(6):6041-6045. doi: 10.1007/s12070-024-05079-8.
10. S L H, Pottakkat B, Kalayarasan R, Gnanasekaran S. Early mobilization and delayed arterial ligation (EMDAL) as a surgical technique for splenectomy and shunt surgery in portal hypertension. Ann Hepatobiliary Pancreat Surg. 2024 Feb 29;28(1):48-52.

Book Chapter

- Kate V, Ananthakrishnan N, Kalayarasan R, Suresh KS. Acute Appendicitis: Recent Concepts, in Roshan Lall Gupta's Recent Advances in Surgery (Volume 18). Jaypee Brothers Medical Publishers (P) Ltd. 2024. https://doi.org/10.5005/jp/books/18861_5
- Binita C, Palanivelu C, Kalayarasan R, SaiKrishna P, Parthasarathi R. Esophagus, in Nilay Mandal (eds). Postgraduate Surgery, 1st ed. Jaypee Brothers Medical Publishers (P) Ltd. 2024.

Department of Surgical Oncology

Research and Publications

Research Completed

1. **Adherence patterns to Enhanced Recovery After Surgery (ERAS) protocol and its association with the treatment outcomes among the patients with Oral Squamous cell Carcinoma:** Compared to the Pre ERAS cohort, the application of the ERAS protocol has shown a significant reduction in the mean length of hospital stay and mean ICU stay. Implementing ERAS in Oral SCC may translate into shorter lengths of hospital stay without an increase in perioperative complications, facilitate early return to routine activity for the patient, reduced expenditure, and also can potentially benefit more patients in the same available healthcare infrastructure.
2. **Efficacy of metronomic oral capecitabine, methotrexate and cyclophosphamide in locally advanced operable oral cavity squamous cell carcinoma - A Phase II study (METRO TRIAL):** This study concluded that Oral metronomic chemotherapy in the form of Methotrexate, Capecitabine and Cyclophosphamide is an effective, safe and feasible option to bridge the waiting list period for surgery in locally advanced operable oral cavity squamous cell carcinoma.

Grants obtained

1. Extramural grant of Rs 3,00,000/- for the project titled 'A phase III, double bind, placebo controlled, randomized trial assessing the effects of aspirin on disease recurrence and survival after primary therapy in common non-metastatic solid tumors- A randomized, control trial' was obtained by Dr. A. Balasubramanian for the period April 2024- March 25.
2. Intramural grant of Rs 2,00,000/- for the project titled 'Diagnostic Accuracy of IndoCyanine Green guided Sentinel lymph node biopsy after Neoadjuvant treatment in Breast Cancer' was awarded to Dr. S. Pradeep for the period September 2024 - June 2026.

Publications--Indexed Journals

1. Neelesh S, A Balasubramanian, Prasanth P, Sinduja R, Pradeep S. et al. Role of Indocyanine Green Angiography to Assess Intra-operative Bowel Vascularity and its Association with Post-operative Outcome in Robot-assisted Rectal Resection: a Prospective Indian Cohort Study. Indian J Surg Oncol. 2025 Apr;16(2):676-684. Doi: 10.1007/s13193-024-02126-2. Epub 2024 Nov 5. PMID: 40337045; PMCID: PMC12052616.
2. Singh,A.,Penumadu,P.,Ganesan,P.,Balasubramanian A. et al. Comparison of Survival Outcomes Among Patients Receiving Chemotherapy with Secondary Cytoreductive Surgery Versus Chemotherapy Alone for Recurrent Epithelial Ovarian, Tubal, or Peritoneal Carcinoma: a Propensity Score-matched Cohort Study. Indian J Surg Oncol (2025). https://doi.org/10.1007/s13193-025-02225-8
3. Goenka, L., Dubashi, B., Kayal, S., Pradeep S. et al. Targeting autophagy in platinum-sensitive relapsed ovarian cancer: randomized phase II trial of hydroxychloroquine with chemotherapy with biomarker correlation. Discov Onc 16, 203 (2025). https://doi.org/10.1007/s12672-025-01904-w.

Department of Transfusion Medicine

Research and Publications

Research Completed

1. Are individual undergoing dental procedures at a higher risk of transmitting transfusion transmitted infections?
2. Assessment of changes in Hematological parameters among donors after plateletpheresis
3. Assessment of quality parameters of umbilical cord blood for transfusion
4. Assessment of changes in the levels of Anti-A and Anti-B antibody titres in ABO incompatible Hematopoitic transplant recipients after transfusion of donor plasma having A and B secretory substances.

Grants obtained (Intramural and extramural)

Sl. No	Name of Principal Investigator	Amount (Rs.)	Grant for period	Grant agency	Remarks
1	Dr. B. Abhishekh	1,99,220.00	2023-24 & 2024-25	Intramural	MD thesis of Dr. Sakshi Siwach
2	Dr. Dibyajyoti Sahoo	2,00,000.00	2023-24 & 2024-25	Intramural	MD thesis of Dr. Naveen

Publications-Indexed Journals

1. Y C N, Vineetha K Ramdas Nayak, Abhishekh. B. Do Analogies Simplify Physiology? A Student Perception. South-East Asian Journal of Medical Education. 2025 Jan 30;18(2):76–8
2. Muthu, Bharathi; Basavarajegowda, Abhishekh; Subbaiah, Murali; Manivannan, Prabhu. Association of maternal and fetal factors with quality parameters of umbilical cord blood collected from mothers undergoing cesarean section. Asian Journal of Transfusion Science | DOI: 10.4103/ajts.ajts_126_24
3. Nair, Revathy; Gnanaraj, John; Toora, Esha; Basavarajegowda, Abhishekh. Developing and validating a questionnaire for knowledge and attitude assessment of medical interns toward transfusion medicine. Asian Journal of Transfusion Science:10.4103/ajts.ajts_103_24, January 24, 2025. | DOI: 10.4103/ajts.ajts_103_24
4. Anjusha I.B., Nayak VKR, Nalini, Basavarajegowda A. Using a smart phone based application for learning physiology for 1st professional medical students: Merits, demerits and challenges. Apollo Med. 2024; http://dx.doi.org/10.1177/09760016241277640
5. Muthu B, Manivannan P, Subbaiah M, Vanju S, Basavarajegowda A. Effect of fetal distress on viability and yield of umbilical cord blood stem cells-a prospective comparative study. Hematol Transfus Cell Ther. 2024;46 Suppl 6:S157–62.
6. Umesh, B Veena; Basavarajegowda, Abhishekh; Nalini, YC. An Assessment of Level of Reflective Thinking among Phase I and Phase II Medical Students—A Cross-sectional Descriptive Study. Medical Journal of Dr. D.Y. Patil Vidyapeeth 17 (Suppl 2):p S339-S344, November 2024. | DOI: 10.4103/mjdrdypu.mjdrdypu_867_23
7. Sinha P, Basavarajegowda A. Red cell compatibility testing. Santosh University Journal of Health Sciences. 2024;10(2):283–8. http://dx.doi.org/10.4103/sujhs.sujhs_51_24
8. Basavarajegowda, Abhishekh; Sinha, Pratul. Kodecytes in Transfusion Medicine. Global Journal of Transfusion Medicine AATM 9(2):p 145-147, Jul–Dec 2024. | DOI: 10.4103/gjtm.gjtm_26_24
9. Punniakoti, Sriraman; Toora, Esha; Basavarajegowda, Abhishekh. Impact of Change in Deferral Criteria for Blood Donation after Dental Treatment. Global Journal of Transfusion Medicine AATM 9(2):p 165, Jul–Dec 2024. | DOI: 10.4103/gjtm.gjtm_50_24
10. Basavarajegowda, Abhishekh; Nalini, Y. C. Portrayal of blood and transfusion in Bollywood movies. Asian Journal of Transfusion Science 18(2):p 365-368, Jul–Dec 2024. | DOI: 10.4103/ajts.ajts_125_23
11. Basavarajegowda A, Nalini YC. Syncopal reactions in blood donors: Pathophysiology, clinical course, and features. Asian J Transfus Sci. 2024;18(2):296–302. http://dx.doi.org/10.4103/ajts.ajts_167_21
12. Thulasiram N, Kulkarni RG, Abhishekh B, Sahoo D. Association of secretor and nonsecretor status with Lewis phenotyping among blood donors: A prospective observational study from tertiary care hospital. Indian J Hematol Blood Transfus. 2024;40(4):676–81. http://dx.doi.org/10.1007/s12288-024-01761-7
13. Sahoo, Dibyajyoti; Anuragaa, S. Serological characteristics and immunohematological difficulties in autoimmune hemolytic anemia patients: A retrospective analytical study from South India. Asian Journal of Transfusion Science 18(2):p 281-285, Jul–Dec 2024. | DOI: 10.4103/ajts.ajts_163_21
14. Sahoo D, Silwal P, Basavarajegowda A. Safety and efficacy of therapeutic plasma exchange in neuromyelitis optica: A retrospective study from South India. Asian J Transfus Sci. 2024;18(2):248–51. http://dx.doi.org/10.4103/ajts.ajts_18_22
15. Sahoo, Dibyajyoti; Kanungo, Girija Nandini; Behera, Rachita; Jena, Partha Sarathi1. Serological comparison of weak D versus weakly reacting D by four different methods. Asian Journal of Transfusion Science 18(2):p 277-280, Jul–Dec 2024. | DOI: 10.4103/ajts.AJTS_34_21
16. Paudel, Purshotam; Sahoo, Dibyajyoti; Basavarajegowda, Abhishekh; Afroz, Raushan. Plasmapheresis as an Adjunctive Therapy in Phenytoin Poisoning. Global Journal of Transfusion Medicine AATM 9(2):p 158-160, Jul–Dec 2024. | DOI: 10.4103/gjtm.gjtm_44_24

Department of Urology

Research and Publications

Publications

1. Kalra S, thakor P, Dorairajan LN, KS S, narkhede V, Bolar S. Minimally invasive approach as an Ancillary Intervention post Adult primary bladder exstrophy closure: Minimizing the morbidity. Urol Video J. 2024 Aug;100284.
2. Purushothaman J, Kalra S, Dorairajan LN, Selvarajan S, Sreerag KS, Aggarwal D. Intravesical bupivacaine in reducing catheter-related bladder discomfort and lower urinary tract symptoms after transurethral surgery: A randomized controlled trial. Indian Journal of Urology. 2024;40(3):161–6.
3. Pal AK, Dorairajan LN, Kalra S, Sah SK, Narkhede V, Sreenivasan SK. Predicting the risk factors for severity and long-term ICU stay in patients with emphysematous pyelonephritis: a five-year experience from a tertiary center. Eur Urol. 2024;85:S1047–8.
4. Parameswaran S, Manoharan K, Saravanan AK, Sreerag KS, Harichandrakumar KT, Priyamvada PS, Kalra S WCN24-2332 Renal Allograft Outcomes Among Living And Deceased Donor Kidney Transplant Recipients–A Retrospective Study From A Hospital In Southern India. Kidney Int Rep. 2024;9(4):S488.
5. Aggarwal D, Kalra S,, Dorairajan LN, Sreerag KS, Thakor P. Robotic reconstruction of necrosed ileal ureter: Technical challenges, intra-operative difficulty, and learning points. Indian Journal of Urology. 2024;40(2):136–7.
6. Kalra S, Pal AK, Dorairajan LN. Understanding female urinary continence—lessons from complications of female urethral surgery. Asian J Urol. 2024;
7. Aggarwal D, Kalra S, Dorairajan LN, Sreerag KS, Thakor P. Robotic reconstruction of necrosed ileal ureter: Technical challenges, intra-operative difficulty, and learning points. Indian Journal of Urology. 2024;40(2):136–7.
8. Aggarwal, Deepanshu; Sreenivasan, Sreerag Kodakkattil; Kalra, Sidhartha; Dorairajan, Lalgudi Narayanan; Manikandan, R.; Purushothaman, Jithesh. Unraveling Nonadherence in Nonmuscle Invasive Bladder Cancer Follow-up in South Indian Population: Factors, Consequences, and Strategies for Improvement. Journal of Association of Southern Urologists 1(2):p 49-57, Jul–Dec 2024. | DOI: 10.4103/JASU.JASU_9_24
9. Jithesh, P.; Kalra, Sidhartha; Dorairajan, L. N.; Sreenivasan, Sreerag Kodakkattil; Aggarwal, Deepanshu. Author reply Re: Purushothaman J, Kalra S, Dorairajan LN, Selvarajan S, Sreerag KS, Aggarwal D. Intravesical bupivacaine in reducing catheter-related bladder discomfort and lower urinary tract symptoms after transurethral surgery: A randomized controlled trial. Indian J Urol 2024;40:161-6. Indian Journal of Urology 40(4):p 288-289, Oct–Dec 2024. | DOI: 10.4103/iju.iju_327_24
10. Venkatesh K, Sreenivasan Kodakkattil S, Parameswaran S, KM Abdulbasith, Sidhartha Kalra, Dorairajan Lalgudi Narayanan • Deepanshu Aggarwal • Jithesh Pet al. (January 28, 2025) Long-Term Outcomes and Survival in Patients Undergoing Multiple vs. Single Renal Artery Transplants: A Retrospective Cohort Study. Cureus 17(1): e78165. doi:10.7759/cureus.78165
11. Aggarwal, Deepanshu; Thakor, Poojan, Bolar Siddhant, Narkhede Vishal; Sreenivasan, Sreerag Kodakkattil, Dorairajan L. N, Kalra Sidhartha, Parameswaran, Sreejith2; Priyamvada, P. S.2; Hemachandren, M.3. Optimizing Vascular Access Education in Urology Residency: Evaluating the Outcomes of Arteriovenous Fistulas Created by Residents. Journal of Association of Southern Urologists 2(1):p 11-17, Jan–Jun 2025. | DOI: 10.4103/JASU.JASU_21_24
12. Aggarwal, Deepanshu; Thakor, Poojan ; Bolar, Siddhant ; Sreenivasan, Sreerag Kodakkattil; Dorairajan, L. N.; Kalra, Sidhartha; Narkhede, Vishal; Sah, Shailendra Kumar; Parameswaran, Sreejith; Hemachandren, M.. Navigating Perioperative Complications in Renal Transplantation: A Comprehensive Analysis. Journal of Association of Southern Urologists 2(1):p 18-23, Jan–Jun 2025. | DOI: 10.4103/JASU.JASU_25_24
13. Ghorai RP, Nayak B, Goel R, et al. The prognostic role of preoperative neutrophil-to-lymphocyte ratio in upper tract urothelial carcinoma. Indian J Urol. 2024;40(3):191-196. doi: 10.4103/iju.iju_22_24.
14. Ghorai RP, Jain S, Nayak B, et al. Long-term Outcomes of Augmentation Cystoplasty in Genitourinary Tuberculosis in Adults: A 12-year Follow-up Experience at a Tertiary Care Center. Urology. Published online April 23, 2024. doi: 10.1016/j.urology.2024.04.03.
15. Ghorai RP, Kumar S, Aggarwal V, Kaushal S. Post nephrectomy metachronous testicular metastasis in a case of clear cell renal cell carcinoma (ccRCC).

BMJ Case Rep. 2024;17(9):e260647. Published 2024 Sep 3. doi:10.1136/bcr-2024-26064.

16. Singh P, Ghorai RP, Seth A, Saini S. Urachal adenocarcinoma presenting as pseudomyxoma peritonei: an unusual bladder tumour. BMJ Case Rep. 2025;18(3):e258115. Published 2025 Mar 3. doi:10.1136/bcr-2023-258115.
17. Rathi A, Nayyar R, Rathi N, Jain S, Seth A, Ghorai RP et al. Outcomes of transurethral resection of prostate for benign prostatic obstruction stratified as per duration of prior medical therapy. World J Urol. 2025;43(1):251. Published 2025 Apr 25. doi:10.1007/s00345-025-05639-9.

Publication not indexed

1. Piyush Panchalwar, Bharath Nair, Rama V, Sreerag KS, Sidhartha Kalra, Priyamvada PS, Sreejith Parameswaran Incidence And Risk Factors For Dyselectrolytaemias In The First 48 Hours After Kidney Transplantation – A Single Centre Study, Kidney International Reports,Volume 10, Issue 2, Supplement,2025,Page S552
2. Piyush Panchalwar, Saravanan AK, Sreerag KS, Sidhartha Kalra, Priyamvada PS, Sreejith Parameswaran Long-Term Kidney And Cardiovascular Outcomes Of Living Kidney Donors At A Kidney Transplantation Centre In South India, Kidney International Reports,Volume 10, Issue 2, Supplement,2025,Page S551
3. Piyush Panchalwar, Sreerag KS, Sidhartha Kalra, harichandrakumar KT, Priymavada PS, Sreejith Parameswaran Comparison Of Patient And Graft Survival Outcomes Between Deceased Donor And Living Donor Kidney Transplantation – A Retrospective Cohort Study, Kidney International Reports Volume 10, Issue 2, Supplement,2025, Page S553,ISSN 2468-0249
4. Aggarwal D, Sreenivasan SK, Kalra S, Dorairajan LN, Manikandan R, Purushothaman J. Unraveling nonadherence in nonmuscle invasive bladder cancer follow-up in South Indian population: Factors, consequences, and strategies for improvement. J Assoc South Urol 2024;1:49-57
5. Aggarwal D, Thakor P, Bolar S, Narkhede V, Sreenivasan SK, Dorairajan LN, et al. Optimizing vascular access education in urology residency: Evaluating the outcomes of arteriovenous fistulas created by residents. J Assoc South Urol 2025;2:11-7.
6. Aggarwal, Deepanshu; Thakor, Poojan ; Bolar, Siddhant; Sreenivasan, Sreerag Kodakkattil; Dorairajan, L. N.; Kalra, Sidhartha; Narkhede, Vishal; Sah, Shailendra Kumar; Parameswaran, Sreejith; Hemachandren, M.. Navigating Perioperative Complications in Renal Transplantation: A Comprehensive Analysis. Journal of Association of Southern Urologists 2(1):p 18-23, Jan–Jun 2025. | DOI: 10.4103/JASU.JASU_25_24
7. Shubhankar G., Mittal A., Panwar V.K., Ghorai R.P. Optimizing compliance and efficacy in intravesical BCG therapy for non-muscle invasive bladder cancer: tailored strategies and clinical outcomes. Urology Herald. 2024;12(6):76-82. DOI: 10.21886/2308-6424-2024-12-6-76-82.

Books and book chapters written/edited

1. Arulraj K, Ghorai RP, Nayak B. Alternative Therapy to Intravesical Bacillus Calmette–Guerin in Nonmuscle Invasive Bladder Cancer. UroCancer Clinics of India 2(2):p 79-84, Apr–Jun 2024. | DOI: 10.4103/UCCI.UCCI_11_24.
2. Neurogenic detrusor activity in NULTD Concepts (under process)

List of Intramural/Extramural Funded Projects

Title	Funding Agency	Grant amount	Duration and Date of start
A randomized double blind placebo controlled phase 3 study of darolutamide in addition to androgen deprivation therapy versus placebo plus ADT in men with metastatic hormone sensitive prostate cancer.	Bayer consumer care AG, Peter Merian-strass 84, 4052 Basel, Switzerland	59000	2022 3 years
A single-arm, open-label Phase 4 study of darolutamide in addition to standard androgen deprivation therapy for participants in Indian with high-risk non-metastatic castration-resistant prostate cancer (nmCRPC)	Bayer consumer care AG, Peter Merian-strass 84, 4052 Basel, Switzerland	54000	25 April 2023 3 years

Title	Funding Agency	Grant amount	Duration and Date of start
Categorization of overactive bladder (OAB) phenotypes, response to the standard line of therapy and the utility of NGF in diagnosing patients with OAB.	JIPMER	1.5 Lakh	2 years

College of Nursing

Research and Publications

Research Completed in 2024-25

Medical Surgical Nursing

1. Assess the impact of smartphone usage on neck muscle endurance among nursing students
2. Effectiveness of intradialytic exercise on quality of life, functional ability and incidence of intradialytic hypotension among patients undergoing hemodialysis at a tertiary care hospital: a randomized controlled trial.
3. Development, validity and reliability of the healthy cardiac lifestyle, treatment adherence and quality of life (HCLTA-QOL) assessment tool.
4. Assessment of prehospital delay and its associated factors among patient with snake envenomation presenting to emergency department of a tertiary care hospital
5. Effectiveness of Buerger-Allen exercise on lower extremity perfusion and peripheral neuropathy symptoms among patients with diabetes mellitus: a randomized control trial
6. Effectiveness of cold water spray and application of lip moisturizer on level of thirst and dry mouth among the patients admitted in the Critical Care Unit: A randomized control trial
7. Effect of transducer position on Intra Arterial Blood Pressure monitoring among patients who underwent cardiac surgery
8. Effectiveness of Shot Blocker on pain during administration of intramuscular injection among adults in emergency department: A randomized controlled trial
9. Effect of Progressive Muscle Relaxation Exercise on Post-operative pain, activity tolerance, sleeping quality and vital signs in patients undergoing abdominal surgery: a randomized controlled trial
10. Comparison of serial values of blood glucose measured with a glucometer in arterial and capillary blood samples and its association with APACHE-II score among the post-cardiac surgery patients
11. Comparison of blood parameters in a sample obtained by direct venous puncture and from the proximal lumen of the central venous catheter using 2ml discarded volume among patients with the central venous catheter.

Paediatric Nursing

12. Effect of cold application on pain during blood sample collection among school age children attending pediatric OPD- A Randomized Controlled Trial.
13. Assessment of the level of parental satisfaction on hospital care given to children admitted in Pediatric Medical Ward
14. Assessment of mothers perception on sleep quality and its associated factors of toddlers admitted in pediatric medical ward in a tertiary health care hospital: a cross- sectional analytical study.
15. Assessment of level of stress and its associated factors among parents of children admitted in pediatric intensive care unit.
16. The assessment of level of awareness on neonatal pain and Nursing care on pain management among Nurses in a tertiary care hospital.

Obstetrics & Gynaecological Nursing

17. Effectiveness of antenatal lactation counselling on breastfeeding practices and newborn feeding behavior among primipara mothers attending Tertiary care hospital, Puducherry: Randomized Control Trial.
18. Assessment of knowledge and attitude regarding physical activity during pregnancy among antenatal mothers at a tertiary care hospital, Puducherry: A cross sectional analytical study
19. Effect of video-assisted teaching regarding childbirth on intrapartum behaviour among primigravida mothers: a randomized controlled trial.
20. Assessment of level of fear of childbirth (tokophobia) & its associated factors among primigravida mothers attending antenatal OPD at a tertiary care hospital, Puducherry

21. Effectiveness of mechanical massage on perceived labor pain among primi parturients at tertiary care hospital, puducherry: randomized controlled trial

Community Health Nursing

22. Assessment of effectiveness of customised teaching programme on knowledge and attitude regarding emergency contraception among married women in reproductive age group at a selected rural area of Puducherry.
23. A Cross-sectional analytical study to assess the Psychological well-being and Self-esteem among female sanitary workers in a selected Tertiary care Hospital, Puducherry.
24. Assess the level of risk for NCDs among the general population in selected rural area of Puducherry
25. Effectiveness of nurse-led intervention package on selected symptoms of menopause among menopausal women in the selected area of Puducherry: Non-Randomized Controlled Trial

Psychiatric Nursing

26. Co-relation of level of Psychosocial morbidities with Quality of Life among Lesbian, Gay, Bi-sexual & Transgender (LGBT) community people in South India
27. Effect of coordinated physical activities in enhancing the attention and concentration in school aged children
28. Assessment of eating attitude and psychological states among undergraduate students of a Tertiary health care Centre, Puducherry
29. Association of loneliness with emotional intelligence and social media addiction among college going students of Puducherry
30. Psychiatric co-morbidity, coping strategies and perceived social support among patients waiting for renal transplantation

UG projects

31. Assessment of perception of Body Shape, Eating Attitude and Self Esteem among female nursing officers – A cross-sectional analytical study
32. Assessment of knowledge on varicose veins among security guards working at tertiary care hospital, Puducherry.
33. Level of knowledge on body mechanics among nursing personnel in tertiary care hospital-South India.
34. Assessment of perceived degree of stress among mothers of babies admitted in neonatal intensive care unit at a tertiary care center, South India
35. Assessment of the level of knowledge, attitude, and practice regarding self-Medication among healthcare students at JIPMER, Puducherry
36. Assessment of IBS Symptoms among nursing students in JIPMER, Puducherry.
37. A Cross-Sectional study to assess the risk for prediabetes and health self-efficacy among adult attenders of patients in a medical-surgical ward at a tertiary care Institution
38. Awareness and attitude regarding Menstrual Blood Banking among under graduate nursing students – A Cross – Sectional Analytical study
39. Assessment of shoulder pain and disability among computer users of administrative section in tertiary care centre, Puducherry

Grants obtained (Intramural and extramural)

Sl.No.	Name of the Faculty	Amount	Period of Grant	Grant Agency
1	Dr. M. J. Kumari	Rs.1,63,442/-	2020-2023	JIPMER intramural
2		Rs.7,50,000/-	2021-2022	JIPMER intramural
3		Rs.2,00,000/-	10.08.2020 to 09.08.2024	JIPMER intramural
4		Rs.7,450/-	01.09.2022 to 31.08.2024	JIPMER intramural
5		Rs. 29,029/-	01.09.2022 to 31.08.2024	JIPMER intramural
6		Rs.5,800/-	01.09.2023 to 01.10.2025	JIPMER intramural
7		Rs.6,112/-	01.09.2023 to 01.10.2025	JIPMER intramural
8		Rs.6,386/-	01.09.2023 to 01.10.2025	JIPMER intramural

Sl.No.	Name of the Faculty	Amount	Period of Grant	Grant Agency
9	Dr. Lakshmi Ramamoorthy	Rs.7.5 Lakhs	2020	JIPMER intramural
10		Rs.6.8 lakhs	2021	JIPMER intramural
11		Rs.2 lakhs	2023	JIPMER intramural
12		Rs.8,500/-	2024	JIPMER intramural
13		Rs.7,400/-	2024	JIPMER intramural
14		Rs.6,500/-	2024	JIPMER intramural
15		Rs.17,000/-	2024	JIPMER intramural
16	Dr. Padmavathi Nagarajan	Rs.50,000/-	01 Sept 2022 to 31 Aug 2024	JIPMER intramural
17		Rs. 13,448/-	01 Sept 2022 to 31 Aug 2024	JIPMER intramural
18		Rs. 6,177/-	01 Sept 2022 to 31 Aug 2024	JIPMER intramural
19	Dr. Vetriselvi. P	Rs.8,474/-	2023-24 01.09.2023	JIPMER intramural
20		Rs.7,728	2023-24 01.09.2023	JIPMER intramural
21		Rs.9,632/-	2023-24 01.09.2023	JIPMER intramural
22		Rs.10,774	2023-24 01.09.2023	JIPMER intramural
23		Rs. 8,840/-	2023-24 01.09.2023	JIPMER intramural
24	Dr. Porkodi Rabindran	Rs.26,732	2023-24	JIPMER intramural
25		Rs.6,296/-	2024-25	JIPMER intramural
26	Mrs. Kanimozhi. K	Rs. 6,300/-	2024	JIPMER intramural
27		Rs. 6,618/-	2024	JIPMER intramural
28	Dr. Janarthanan. B	Rs.24,780/-	2024-25	JIPMER intramural
29	Mrs. Vembu. K	Rs.18,720/-	01.09.2023 to 01.10.2025	JIPMER intramural

Patents applied for / awarded

Patent design certificate for smart pill dispenser for psychiatric medication management; Design No-451385-001 on 13th Mar'25.

Publications - Indexed Journals

1. Kumari MJ, SR K, Parameswaran S, Nisha A. Effect of Intradialytic Stretching Exercises on Lower Limbs Muscle Cramps among Patients Undergoing Regular Haemodialysis. 2024 Jan 1;CXV(02):70–6. https://doi.org/10.48029/NJI.2024.CXV204.
2. Kumari NM. Assessing the Risk of Stroke among the Patients with Diabetes Mellitus in a Tertiary Care Hospital. Nursing Journal of India. 2024 Jan 1;CXV(03):129–33. https://doi.org/10.48029/NJI.2024.CXV306.
3. Karlo J, Kumari MJ, Lalthanthuami HT, Effect of topical application of anesthetic agent on pain perception among patients and degree of difficulty among healthcare providers during intravenous cannulation: a randomized controlled trial. Scope, 14(2), June 2024.
4. Krishnasamy V, Jayaram KM, Jayaseelan V, Shanmugam R, Sadan V. Effectiveness of nurse-led intervention on weight reduction among adults in urban Puducherry – A randomized controlled pilot trial. J Edu Health Promot 2024;13:210.
5. Renthlei L, Ramesh RS, Thulasingam M, Kumari MJ. A study to assess the psychosocial needs of patient family members in the intensive care unit in India. Acute Crit Care. 2024 Aug;39(3):420-429. doi: 10.4266/acc.2023.01116.

6. Krishnasamy V, Manjini Jayaram K, Venkatachalam J. A Qualitative Exploration of Participants' Experiences in a Randomized Controlled Trial of Weight Reduction Through a Nurse-Led Intervention. Cureus. 2024 Sep 17;16(9):e69621. doi: 10.7759/cureus.69621. PMID: 39429429; PMCID: PMC11486920.
7. Sonam Paden Bhutia, Kumari Manjini Jeyaram, Biswajit Dubashi. Quality of life of Patient with Breast Cancer Related Lymphedema in Regional Cancer Centre, South India. Scope. December 2024; 14
8. Grewal A, Bansal B, Mittal C, Gupta H, Sasi A, Ganesan P, Dabas A, Sahi P, Ramamoorthy L, Lalthanthuami HT, Ramamoorthy J, Sindhu A, Arora S, Bhukya A, Hepzibah M, Devi K, Krishnamurthy K, Rai SK, Mehta N, Antil K, Bakhshi S, Ganguly S. Knowledge and attitude on childhood cancer survivorship among healthcare trainees: a multicentre study from India. Fam Med Community Health. 2024 Apr 4;12(Suppl 2):e002618.
9. Chattopadhyay I, Ramamoorthy L, Kumari M, Harichandrakumar KT, Lalthanthuami HT, Subramaniyan R. Comparison of the Prognostic Accuracy of Full Outline of Unresponsiveness (FOUR) Score with Glasgow Coma Scale (GCS) Score among Patients with Traumatic Brain Injury in a Tertiary Care Center. Asian J Neurosurg. 2024 Apr 16;19(1):1-7
10. Lalthanthuami HT, Ramamoorthy L, Satheesh S, Subrahmanyam DKS, Zayaraz G. Assessment of Heart Failure Post-discharge Management Strategies, Needs and Acceptance of Mobile Application-based Remote Patient Management in South India. J Patient Exp. 2024 May 15;11:23743735241253557.
11. Sridhar D, Ramamoorthy L, Narayan SK, Amalnath D, Lalthanthuami HT, Ganapathy S, Puliyakkuth U. Effectiveness of nurse-led fever, sugar-hyperglycemia, and swallowing bundle care on clinical outcome of patients with stroke at a tertiary care center: A randomized controlled trial. J Neurosci Rural Pract. 2024 Apr-Jun;15(2):255-261.
12. Paramasivan S, Ramamoorthy L, Selvaraj R. Protocol of randomized controlled trial to evaluate the effect of moderate exercise training on the functional capacity of patients with an implantable cardioverter defibrillator in a tertiary care center in South India. J Educ Health Promot. 2024 Nov 29;13:453
13. Sridhar D, Ramamoorthy L, Narayan SK, Amalnath D, Lalthanthuami HT, Ganapathy S, Puliyakkuth U. Effectiveness of nurse-led fever, sugar-hyperglycemia, and swallowing bundle care on clinical outcome of patients with stroke at a tertiary care center: A randomized controlled trial. J Neurosci Rural Pract. 2024 Apr-Jun;15(2):255-261.
14. Tinneithem Baite, Padmavathi Nagarajan, Moushumi Purkayastha Mukherjee. Quality of life (QoL) and its associated factors among caregivers of patients with schizophrenia. Int J Health Sci Res. 2024; 14(4):480-487. DOI: 10.52403/ijhsr.20240460.
15. Manoharan I, Prabakaran V, Bethou A. Incidence of Hypoglycaemia and its Determinants in Neonates Admitted in Neonatal Intensive Care Unit. J Caring Sci. 2024 Aug 17;13(4):229-236. doi: 10.34172/jcs.33039. PMID: 39974831; PMCID: PMC11833440.
16. Sathana Ganapathivelayutham 1 and Vetriselvi Prabakaran. Effect of aluminum foil reflector on serum bilirubin and duration of phototherapy among term neonates undergoing phototherapy for hyperbilirubinemia: A randomized controlled trial. World Journal of Biology Pharmacy and Health Sciences, 2024, 20(01), 241–252. DOI: https://doi.org/10.30574/wjbphs.2024.20.1.0749
17. G Praveena, R Porkodi, & J Venkatachalam (2024). Nutritional Status and its associated factors among the elderly population of urban Puducherry. Int. J. Community Med. Public Health, 11(10), 4015 - 22.
18. Arthi E, Sujitha V, Vidya J, Shobana A, Muthamizh N, Devi CS. Outcome of hand hygiene audit in intensive care unit during COVID-19: An experience from a tertiary care centre. J Patient Saf Infect Control 2023;11:49-53.
19. Krishnasamy V, Jayaram KM, Jayaseelan V, Shanmugam R, Sadan V. Effectiveness of nurse-led intervention on weight reduction among adults in urban Puducherry – A randomized controlled pilot trial. J Edu Health Promot 2024;13:210.
20. Krishnasamy V, Manjini Jayaram K, Venkatachalam J. A Qualitative Exploration of Participants' Experiences in a Randomized Controlled Trial of Weight Reduction Through a Nurse-Led Intervention. Cureus. 2024 Sep 17;16(9):e69621. doi: 10.7759/cureus.69621. PMID: 39429429; PMCID: PMC11486920.
21. Huldah J. Perspective on objective structured clinical examination among undergraduate nursing students Int. J. of Adv. Res. 2024, 255-60. DOI: 10.21474/IJAR01/18544.
22. Arthi E, Sujitha V, Vidya J, Shobana A, Muthamizh N, Devi CS. Outcome of hand hygiene audit in intensive care unit during COVID-19: An experience from a tertiary care centre. J Patient Saf Infect Control 2023;11:49-53.

23. Malarmathi M, Review of Eisenmenger syndrome and its management, JETIR, 2024, 11(12).

Book Chapters/Conference Proceedings:

Malarvizhi S, Amirtha Santhi S. Textbook on Adult Health Nursing - I. In: Vidya J, editor. Chapter on Musculoskeletal Disorder. 1st ed. Chennai: Emmess Medical Publishers; 2024. ISBN-13: 978-9393885555.

Books Published

M.Malarmathi, Medical surgical nursing, Essentials of introduction to Forensic Nursing and Indian laws, JBD Publications, 2025, First edition, 1- 149.

JIPMER International School of Public Health (JISPH)

Book Chapters/Conference Proceedings

Augustine LF. Anemia and Indian women: An update. In Food and Nutrition Insights Vol 1, Nutrition Society of India (Kochi Chapter): ISBN 9788172551766, September 2024.

JIPMER 2024–25 in Pictures

Important Days Observed



International Day for Persons with Disabilities



World TB day Walkathon

Advanced Centre for Yoga Therapy Education and Research (ACYTER)

Introduction

The Advanced Centre for Yoga Therapy Education and Research (ACYTER) has been functioning at JIPMER since 2008. The first phase of this advanced Centre focused on providing Yoga Therapy in the prevention and management of hypertension, diabetes mellitus, and cardiovascular disease. Further, this centre is planning to assess the role of yoga in cancer, COPD & other musculoskeletal disorders.

Objectives of ACYTER

- To provide quality yoga therapy for the staff and patients of JIPMER hospital
- To create awareness of the therapeutic potential of yoga amongst the medical professionals
- To conduct collaborative research projects with different departments in JIPMER
- To standardise yoga techniques and procedures followed for various disorders
- To organise seminars, workshops, symposia, and conferences to update the knowledge of Yoga
- To conduct an awareness program for the public on the beneficial effects of yoga practice
- To bridge the gap between traditional and modern medicine

Staff Architecture

Administrative In-charge of ACYTER

- Dr. Basanta Manjari Naik

Programme Coordinator

- Dr.Velkumary S

Yoga Instructors (Contractual Basis)

- L.Vithiya Lakshmi,
- M. Swaroup Ramanan Alias Premkumar.

Facilities / Services offered

The Advanced Centre for Yoga Therapy, Education, and Research (ACYTER) is located on the 1st Floor of the JIPMER Academic Centre, and the yoga unit operates from 9:00 am to 4:30 pm on all working days of JIPMER.

Qualified yoga instructors conduct yoga therapy sessions for patients & staff of JIPMER. Yoga therapy sessions are conducted in the forenoon & afternoon. One session in the morning (9.30 am to 10.15 am) and one session in the afternoon (3.15 pm to 4.00 pm).

Yoga training facilities are provided for research projects undertaken in yoga. Yoga awareness programs were conducted for JIPMER Staff, Students & General public annually. Yoga therapy for patients attending the De-addiction clinic of JIPMER is provided every Friday from 09:30 am to 11:30 am.

We extend our services to JUPHC, located in Kuruchikuppam, every Tuesday and Wednesday (Afternoon), and to JIRHC – Ramanathapuram, every Friday (Forenoon).

New Facilities/services/events in the Year 2024-2025

International Yoga Day Celebration – June 2024

The following programs were organised for the employee, their family members, students of JIPMER & the public.

Programme Schedule

1. A Free Yoga training camp on Common Yoga Protocol (CYP) was conducted from 01.06.2024 to 20.06.2024.
   Venue: JIPMER Yoga Hall, 1st-floor JAC, Dept. of Physiology.
   Time: 9.30 to 10.30 am
2. Common Yoga Protocol (CYP) practice was conducted on 21.06.2024.
   Venue: Community Hall, JIPMER.
   Time: 7:00 to 8:00 am
3. A National Seminar was organised on 21.06.2024
   Topic: "Harmonious Healing: Integrating Music and Yoga Therapy for Wellbeing"
   Venue: MINI Auditorium, Fourth Floor, JIPMER Academic Centre, JIPMER.
   Time: 9:00 am to 11:30 am.
   Participants: Registered participants

S.No.	Topic	Resource Person	Duration
1	Yoga: A Booster Pump for the pump	Dr. Balachander Jayaraman, MD, DM, Former Professor (Senior Scale) and Head, Department of Cardiology, Medical Superintendent, JIPMER, Puducherry.	30 mins
2	Yoga for Working Women: Achieving Work-Life Balance	Dr. Sonali Sarkar, MD Professor, Department of Preventive and Social Medicine, JIPMER, Puducherry.	30mins
3	Refuel Your Compassion: Role of receptive music therapy and guided meditation for enhancement for well being of women and caregivers	Dr. Smruti B.Vaishnav, MS Professor & Head, Department of Obstetrics & Gynecology, Shree Krishna Hospital & Pramukhswami Medical College, Bhaikaka University, Karamsad, Anand, Gujarat.	30mins
4	Unlock Your Inner Oasis: Breathe & Stretch for Holistic Health	Dr. S.Velkumary, MD, Professor & Head, Department of Physiology, JIPMER, Puducherry.	15mins
5	Heal Through Rhythm: Where yoga of music meets medicine	Mr. Arnab Bishnu Chowdhury, Senior Researcher, Sri Aurobindo Ashram Trust, Puducherry.	15mins

4. Yoga Workshop on 21.06.2024.

   Workshop Topic: "Know your Rhythm – training Program blending Music Therapy with Yoga Therapy".

   A Practice session was conducted by Mr. Arnab Bishnu Chowdhury.

   Venue: NTTC Hall – 1, 4th floor, JAC, JIPMER.

   Time: 11:45 am to 1:00 pm

Foundation course for first-year MBBS students

A Yoga introductory session was organised for first-year MBBS students as a part of their Foundation Course training. The program was conducted on 06.09.2024, 10.09.2024, 11.09.2024 & 13.09.2024, respectively, from 9:00 am to 11:00 am at the 3rd Floor (Exam Hall 1), JAC Building, JIPMER, Puducherry. The following faculty & the Yoga instructor participated as a resource person for the program.

- Dr. Pravati Pal delivered a talk on "Introduction to Yoga" & "Lecture cum demonstration on SuryaNamaskar "
- Dr. Y. Dhanalakshmi conducted a "Lecture cum demonstration on Asana (Standing and Sitting postures)".
- Dr. R. Rajalakshmi conducted a "Lecture cum demonstration on Asana (Prone and Supine postures)".
- Dr. S. Velkumary conducted a "Lecture cum demonstration on Pranayama".
- Mrs. L. VithiyaLakshmi, Mr. M. Swaroup Ramanan & Mrs. P. Prabavathi demonstrated in the above-mentioned Program and conducted the Practice session.

Research Activities

Completed Project

1. "Effect of 12 weeks Practice of Anulom-Vilom Pranayama (Alternate Nostril Breathing) as Adjunctive Therapy on the Cardiac Autonomic Balance, Cognition, Psychological Status and Quality of Life in Individuals with Mild to Moderate Parkinson`s Disease: A Randomised Controlled Trial". PI: Ms.Usha Dhanaradja.

Ongoing Projects

1. "Effect of structured Pranayama module as an adjunctive therapy for the management of individuals with Bipolar-I disorder – A Randomised Controlled trial" PI: Dr. R. Rajalakshmi.
2. "Effect of twelve weeks of adjuvant yoga therapy on Cardiovascular autonomic functions in people with Psoriasis - A Randomised Controlled Trial" PI: Dr. Pravati Pal.
3. "Effect of three months of Yoga Therapy on Autonomic function, Lower Urinary tract symptoms and quality of life among patients with benign prostatic hypertrophy on alpha-blocker" PI: Dr. U. Karthika Priyadarshini.

4. " Effect of combined Yoga Therapy with breathing exercise versus breathing exercise alone on the pulmonary function test parameters in mild to moderate bronchial asthma patients taking standard care treatment: A Randomised Control Trial PI: Dr. Y. Dhanalakshmi.

Other Activities

1. Mr. M. Swaroup Ramanan conducted a Yoga session on 30/05/2024 between 3:00 - 4:00 pm, for the school students on "WORLD NO TOBACCO DAY" at JIUHC – Kurusukuppam.
2. Mr. M. Swaroup Ramanan conducted a Yoga Orientation session on the occasion of World Population Day, held on July 25, 2024, from 3:00 p.m. to 4:00 p.m. The session was organised for mothers and children under five years of age at the JIPMER Urban Health Centre (JIUHC), Kurusukuppam.
3. On the occasion of the International Day of the Elderly, Mr. M. Swaroup Ramanan conducted a yoga session titled "Strength of the Mind is Youthfulness in Old Age" for elderly patients. The session took place on October 29, 2024, from 10:00 a.m. to 12:00 p.m. at the Screening OPD reception area.
4. As a part of the curriculum of Advanced Nursing Practice, first-year M.Sc. Nursing students (31 nos.) visited ACYTER, and the following programmes were conducted on 19/12/2024 at the Multi-purpose hall at the Nursing College.
5. As part of the Environmental Integrated Community Development (CD) module, a structured yoga training program was organised for 93 fourth-semester MBBS students. The sessions were facilitated by Mrs. L. Vithiyalakshmi and Mr. Swaroup Ramanan, and were held from December 11, 2024, to March 7, 2025, between 10:30 a.m. and 12:30 p.m. at the JIPSH Auditorium (IV Floor), Department of Preventive and Social Medicine (PSM), JIPMER.
6. Mr. M. Swaroup Ramanan conducted a yoga practice session for the management of Inflammatory Bowel Disease (IBD). The session was held on March 21, 2025, from 11:00 a.m. to 11:30 a.m. and was organised by the Department of Medical Gastroenterology at the Plastic Surgery OPD, 2nd Floor, SS Block, JIPMER.

Census of Activities in the Year April 2024-March 2025

Department	Subgroup I	Subgroup II	Parameter	Nos.
Physiology (ACYTER)	Yoga Therapy for JIPMER Patients	OPD attendance (new patients)		73
		Therapeutic Yoga session	Number of Group sessions conducted in the Forenoon	269
			Number of participants enrolled	745
			Number of Group sessions conducted in the Afternoon	166
			Number of participants enrolled	224
			Individual Session	62
	Yoga therapy for Research Projects	Biploar Disorder	Number of participants enrolled	22
			Number of Yoga therapy sessions conducted	28
		BPH	Number of participants enrolled	95
			Number of Yoga therapy sessions conducted	126
		Bronchial Asthma	Number of participants enrolled	2
			Number of Yoga therapy sessions conducted	2
		Psoriasis	Number of participants enrolled	18
			Number of Yoga therapy sessions	18
	Yoga Therapy for Psychiatry ward	De- Addiction Therapy	Number of therapy sessions conducted	41
			Number of patients attended therapy sessions	377
			Number of new enrolments	119

Department	Subgroup I	Subgroup II	Parameter	Nos.
	JIPMER Outreach Program	JIPMER URBAN HEALTH CENTER (JUHC) - Yoga Class for Kuruchikuppam	Number of therapy sessions conducted	80
			Number of participants enrolled	391
		JIPMER RURAL HEALTH CENTER (JRHC) - RAMANATHAPURAM	Number of therapy sessions conducted	42
			Number of participants enrolled	211

Audiology and Speech-Language Pathology

The Audiology and Speech-Language Pathology Section within the Department of Ear, Nose, and Throat (ENT) plays a vital role in delivering comprehensive clinical services aimed at evaluating, diagnosing, and managing a wide range of speech, language, voice, and hearing disorders. This section serves individuals across the lifespan—from infants to the elderly—who may experience communication or auditory difficulties due to congenital conditions, developmental delays, medical illnesses, neurological disorders, or age-related hearing loss.

Staff Architecture

Officer-In-Charge

Dr Sivaraman Ganesan, Additional Professor and HOD- ENT

List of Staff

Name	Designation	Nature of Employment
Mr. Ashokganesh S T	Tutor in Speech Pathology and Audiology	Permanent
Ms. Kirthana M	Tutor in Speech Pathology and Audiology	Contract basis
Ms. Kalaivani Muthaiyan	Speech Therapist	Permanent
Mr. Ananthakumar T	Audiology Technician	Permanent
Mr. Avinash Kumar Singh	Audiology Technician	Permanent
Ms. Asha M	Speech Therapist	Contract basis
Ms. Ilakiya G	Speech Therapist	Contract basis
Ms. Shirani S	Speech Therapist	Contract basis

Facilities Offered

The Audiology and Speech-Language Pathology section at JIPMER would encompass a broad range of services, including:

Comprehensive Audiological Services

Diagnostic Audiology

- Pure Tone Audiometry (PTA)
- Speech Audiometry (Speech Reception Threshold, Speech Discrimination Score)
- Immittance Audiometry (Tympanometry, Acoustic Reflexes)
- Otoacoustic Emissions (OAE) - especially for newborn hearing screening (JIPMER initiated universal screening for deafness in newborns from 2015).
- Auditory Brainstem Response (ABR) - including diagnostic ABR and threshold ABR.
- Vestibular assessment (e.g., VNG, VEMP) for balance disorders.

Rehabilitative Audiology

- Hearing aid trial provided for all age groups.
- Cochlear implant candidacy evaluation (multidisciplinary team), pre-operative counselling, and post-operative mapping and auditory verbal therapy. Counselling for hearing loss and its impact.
- Aural rehabilitation programs.

Comprehensive Speech-Language Pathology Services

- Diagnostic Speech-Language Assessment:
- Evaluation of articulation and phonological disorders.
- Assessment of fluency disorders (stuttering, cluttering).
- Voice assessment for various voice disorders (hoarseness, dysphonia, laryngeal pathologies).
- Language assessment for developmental language disorders, aphasia, dysarthria, apraxia of speech, cognitive-communication disorders (e.g., post-stroke, TBI, dementia).
- Swallowing assessment (dysphagia management, including bedside evaluations).

Therapeutic Intervention

- Individual and group speech and language therapy sessions for a wide array of communication disorders.
- Voice therapy, including post-laryngectomy voice rehabilitation.
- Fluency therapy.
- Articulation and phonological therapy.
- Language intervention.
- Cognitive-communication therapy.
- Dysphagia management and rehabilitation.
- Educational and Training Programs:

The section plays a crucial role in **nurturing the next generation of professionals, with interns from other colleges attending clinical postings here** to gain invaluable practical experience.

Census of Activities in the Year 2024 - 2025

S.No	Particulars	Number
1	Speech-Language diagnostics	1193
2	Speech-Language therapy	589 sessions
3	Pure tone Audiometry (PTA)	4644
4	Immittance Audiometry	2443
5	Auditory Brainstem Responses (ABR)	765
6	Hearing aid trial	379
7	Oto Acoustic Emission	252
8	Vestibular Evoked Myogenic Potentials	33
9	New born hearing screenin (NBS- NICU)	819
10	CI switch-on	02
11	Mapping/ Trouble shooting	57
12	Auditory habilitation	259

Biomedical Waste Management

Introduction

Biomedical waste is defined as any waste generated during the diagnosis, treatment or immunisation of human beings or animals, or research activities. Recognising the importance of disposal of medical waste in an environmentally sound way, the Bio-medical waste management unit was started in 1998 at JIPMER hospital for effective implementation of the bio-medical waste management programme announced by the Ministry of Environment and Forest. Number of Trainings conducted on bio-medical waste management-64.

Committee

Chairman: Dr. L.N. Dorairajan, Medical Superintendent.

Vice Chairman: Dr. Betsy Mathai, Addl. Medical Superintendent.

Dr. Rahul Dhodapkar, Professor of Microbiology.

Dr. Apurba Sankar Sastry, Addl.Prof. (Microbiology), O/I of HICC.

Dr. M.Hadar Basha, (CMO), Deputy O/I of Central Store.

Dr.Vengadesaprabu, Senior Medical Officer, O/I of BMWM.

Mrs. Vennila Thandavan, Deputy Nursing Superintendent.

Mr. Thiroumourougan, Sanitary Superintendent.

Mr. T. Karthikeyan, Senior Sanitary Inspector.

The committee meets regularly to discuss and formulate policies regarding the Bio-Medical Waste Management of the hospital. It has also brought out a policy, SOP, and Bio-Medical Waste Management posters and distributed them to all departments and wards of the hospital.

Staff Structure

Senior Nursing Officers

- Mrs. Mary Nickola. A,
- Mrs. Subalaxmi @ Anitha. S
- Mrs. Mohana Kumari .P
- Mrs. Kavitha Eswari. C
- Mrs. Ruby M,
- Mrs. Yogaramya. R

Supporting staff- 24 temporary basis (22 Krystal and 2 DRL)

Services Provided for 1884 Beds

Segregation

Quantity of Biomedical Waste Generation (in/kg)

The category-wise Biomedical Wastes generated during the period from **1st** April 2024 to 31st March 2025

In JIPMER, every month.

Yellow Category	: 37,571 kg
Red Category	: 25,013Kg
White	: 441Kg
Blue Category	: 4,106 Kg

Number of Trainings conducted on bio-medical waste management-64.

Departmental Activities of the Year (2024-25)

1. Inspection of the wards, OT, OPD, and laboratories were done regularly by the SNO for safe biomedical waste management practices.
2. After continuous inspection & training of the staff, a monthly audit is conducted regularly, at the ward & auditing the individual is also monitored respectively.
3. Biomedical waste segregation posters are provided to all the wards and departments of the hospital.
4. Regular induction classes as per the schedule are taken for all newly recruited staff and students to create awareness.
5. An assessment of awareness on Bio-Medical Waste Management among health care workers is done during regular rounds by the SNOs.
6. Spot orientation classes and training of health care workers are in regular practice.
7. Awareness classes were conducted regarding onsite pre-treatment of laboratory waste, microbiology waste, blood samples and blood bags.
8. Awareness posters regarding BMWM in the local language are displayed in all the areas where the patients and attenders who come to JIPMER Hospital for treatment visit.
9. The Tamil questionnaire and PPT are used for training Krystal/DRL/HLL workers.
10. Personal Protective Equipment is provided to all the Bio-Medical Waste handlers.
11. Reusable protective wear, like heavy-duty gloves, gumboots, was provided to the biomedical waste handlers in the treatment plant.
12. Separate trolleys pasted with biohazard symbols and separate routes to collect biomedical wastes are used to clear.
13. Clearance of disposable bags at allotted timings is practised.
14. As per BMW rules 2016 barcode system has been implemented in our Healthcare facility since July 2020 to date.
15. Tracking of biomedical waste from the source of generation to the intended destination for final treatment and disposal is carried out.
16. Care is taken to prevent pilferage of bio-medical waste during transportation from the storage area to the CBWTF premises.
17. Proper records regarding the collection and transportation, and the quantity of waste generated, are maintained.
18. To comply with the provisions of the Biomedical Waste Management Rule 2018, a separate page has been created on the JIPMER official site, in which our monthly and annual reports are uploaded.
19. As per the latest Bio-Medical Waste guidelines, Foot Operated Colour Coded Bins are provided to all the wards, OPD, OT and Laboratories as and when required for their optimal usage.
20. Requirement of all disposable bags, sharp containers used in wards & departments per month are taken into account & submitted to central stores for regular supply to prevent shortage.
21. Renovation and expansion of the biomedical waste storage area are underway.
22. A Google form has been created for conducting a pre-test of BMWM and analysis of the Knowledge of our HCW is documented.
23. Our Health Care Facility has got authorisation from the Pondicherry Pollution Control Board Board (PPCB) for BMWM, and it is valid till 2027

24. Health checkups for the biomedical waste handlers are done yearly, and the Vaccination records are maintained.
25. Based on the BMWM audit, the best performing ward, ICU, OT& LAB were presented With the **'Enviro Care Heroes'** award.
26. For the Proper disposal of used needles, Hub Cutters were procured and issued to all Ward OT, ICU, LAB, etc.
27. Ampoule Cutter and disposable blue containers were also issued to all required places.
28. The ETP Committee has been formed for the creation of ETP.
29. BMWM awareness classes are also being conducted for patients, attendees to sensitise them about waste management.
30. Awareness classes and BMW Auditing are also carried out in the RHC/UHC of JIPMER. The auditing report is also submitted to the CMO of the centres to improve BMWM practices in our centres.

Biomedical Engineering Division

Background Information

The Biomedical Engineering Service was established in the year 2009, and a separate division was commissioned in December 2013 at the WCH block. The division has sanctioned technical personnel of two Biomedical Engineers (Regular post), three Junior Biomedical Engineers (On contract), two Multi-task staff qualified in Biomedical/Instrumentation Engineering/Diploma in Material Management and a storekeeper. Furthermore, three Electronics Engineers are also available as Technical Supervisor(NTTC), Technical Assistant (Central Workshop) and Central Assistant (Electronics) to manage the day-to-day services in OTs/ICUs/Wards. As an additional work, we also handle teaching services to various B.Sc. Allied Medical Science degree courses, such as Anaesthesia Technology and Perfusion Technology, since the 2010 batch onwards.

Staff Architecture

Officer-In-Charge

Dr. Pankaj Kundra, Professor Senior Scale of Anaesthesiology department and Officer In-Charge of Bio-medical Engineering Division. There is a Biomedical Engineering. Division Committee to review the department's work and annual consumable/non-consumable purchases. The following are the committee members:

- Dr. Pankaj Kundra, Chairman & Officer in charge
- Dr. Dilip Kumar Maurya, Prof. of O&G
- Dr. Nanda Kishore Maroju, Prof. of Surgery
- Dr. Rajesh, N.G., Prof. of Pathology
- Dr. B. Madhan, Prof & Head of Dept. of Dentistry & OIC CWS
- Dr. Karthik, Addl. Prof. of Physiology
- Mrs. Padmavathi, Bio-medical Engineer, Member Secretary

List of staff

Bio-medical Engineer
- Mrs. V. Padmavathi
- Mr. Sijo P Joy

Technical Supervisor (NTTC)
- Mr. Patnala Aditya (Posted on Mon, Tue, Wed only)

Electronic Assistant (Central Workshop)
- Mr. Veera Nageshwara Reddy (Only for Forenoon)

Technical Assistant(Electronics)
- Mr. Goudar Somanath

Storekeeper
- Mr. Mohammed Yacob (Only for afternoon)

Junior Bio-medical Engineer
- Ms. Isai Tamizh
- Mr. Vijayabaskaran (Outsourcing staff)
- Ms. Akshaya R

Multi-Tasking Staff
- Mr. Manoj Kumar Nair
- Mr. Siva.T

Services

Centralization of Repair & Maintenance of mid value medical equipment

Summary of CAMC 2024-25

Sl.	Equipment name	Location	Qty	File	Amount
1	Maquet ventilator	SSB, Old Block, EMSD	101	CAMC	8359799
2	C-Arm Image Intensifier system SKAN-C	Anaesthesia	1	CAMC	1,80,540
3	GE carescape R860 ventilators	Medicine	12	CAMC	194000
4	GE carescape R860 ventilators	Anaesthesia	12	CAMC	194000
5	Siremobile	Trauma care OT	1	CAMC	3,31,561
6	Hamilton Ventilator - T1	SSB,EMSD, Old block, JIPMER Karaikal, JIPMER Yanam	33	CAMC	2548800
7	Hamilton Ventilator - C1	SSB,EMSD	13	CAMC	1380600
8	Multiparameter Monitor NC10	O&G	30	CAMC	99120
9	Schiller MPM - Masimo	Neonatology	13	CAMC	
10	Skanray C-Arm	Trauma care OT	1	CAMC	2,53,110.00
11	Syringe Infusion Pump - Infusa, Agilia SP, PCA	All OTs, ICUs, wards	422	CAMC	103816
12	Compact portable C-Arm, X-ray unit - 01No	EMSD	2	CAMC	401188
13	Syringe Pump - Akas, Terumax	Neurosurgery	7	CAMC	16,355
14	Truscope Q3 - 05nos.	Neonatology	5	CAMC	26,550
15	SSMED MPM	BME	20	CAMC	510666
16	LED OT Light	SSB, Old Block, EMSD	25	CAMC	33,01,698
17	Wipro GE B450 MPM	ENT	1	CAMC	40383
18	Truskan S600 MPM	BME	41	CAMC	478962
19	Cardiac Care beds	Medicine, Anesthesiology, Cardiology	35	CAMC	248420
	TOTAL AMOUNT				**14602659**

Activities in the year 2024-25

1. We independently repaired the Syringe Pumps by procuring the spares from a third-party firm and saved money to JIPMER without compromising the quality.
2. The Comprehensive Maintenance contract of the life-saving equipment ventilator is being maintained in a centralised manner rather than individual department processing it. We ensured 24 hours' downtime maintenance for High End Ventilator and LED OT lights by maintaining timely renewal of CAMC.
3. Centralised maintenance of CAMC services executed for Rs. 1 46,02,659/-
4. Centralised procurement of ECG machines (Quantity: 30) was executed.
5. Identifying higher-end equipment that needs to be under AMC/CAMC and providing proper guidance given to the departments on entering/renewal of AMC/CAMC in a timely manner.
6. Followed by our day-to-day breakdown maintenance, coordinating with the original equipment manufacturers for the replacement of spare/ consumables in medical devices and following it up with the user department until the spares are replaced to make it functional as early as possible.
7. Our Division is one among the Medical Device Adverse Event Monitoring Centre (MDMC) under MvPI, Ministry of Health & Family Welfare

(MoHFW), Government of India (GoI). Conducted awareness programs for senior nursing officers.

8. Acted as resource persons in the workshop on Critical Care Nursing conducted on 7 March 2024 by the Department of Nursing Services in collaboration with the Department of Anaesthesiology and Critical Care.

Administrative Assignments

Mrs. V. Padmavathi, Biomedical Engineer

- Member of PAC/RRC Hospital/Institute committee
- Member of Equipment Purchase Committee (EPC)
- Member of Jipmer Quality Council (JQC)
- Member secretary of the Biomedical Engineering Division committee (EDC)
- Member of the Fire safety and preparedness committee (FSPC)
- In-charge teaching faculty of B.Sc. Anaesthesia Technology
- Examiner of B.Sc. Anaesthesia Technology
- Member of the technical specification vetting committee for the purchase of equipment/ Consumables

Mr. Patnala Aditya, Technical Supervisor (NTTC)

- In-charge teaching faculty of B.Sc. Perfusion Technology
- Examiner of B.Sc. Perfusion Technology
- Nodal officer for web page maintenance from the biomedical engineering division
- Member of PAC/RRC Hospital/Institute committee
- Deputy Coordinator in the Materiovigilance Programme of India (MVPI) under MOHFW
- Member of the technical specification vetting committee for the purchase of equipment/ Consumables

Mr. Sijo P Joy, Biomedical Engineer

- In-charge teaching faculty of B.Sc. Neuro Technology
- Examiner of B.Sc. Neuro Technology
- Member of the Equipment Condemnation Committee
- Member of PAC/RRC Hospital/Institute committee
- Member of the technical specification vetting committee for the purchase of equipment/ Consumables

Overall Equipment Maintenance: Breakdown calls/Preventive Maintenance Services (All OT & ICU equipment)

Statistics for the year	2024-25	2023-24	2022-23	2021-22
Breakdown Maintenance(Including online and offline calls	2872	2678	2386	1586
Annual/Bi-annual preventive Maintenance service	115	54	90	84
Beyond repairable certification (obsolete/out of service)	393	532	496	204
Cables/Accessories service	32	49	24	35
Review of entering/renewal AMC/CMC higher end equipment	737	341	247	315
OEM spare/accessory/consumable replacement follow up	147	127	97	95

Central Animal House

Introduction

The Central Animal House of JIPMER offers facilities for using animals in teaching, training, and research. The small animals which are housed include rats, mice, guinea pigs and rabbits. The facility is also designed for research and training on large animals (like swine and sheep).

Staff Architecture

1. **Officer-In-Charge:** Dr. Girish C, Additional Professor, Dept. of Pharmacology
2. **Veterinary Consultant (on contract):** Dr. A. Thennavan
3. **Senior Attendant:** Mr. G. Ilango
4. **Janitors (Krystal contract):** 7

New Facilities/Services/Events in the Year 2024-25

The permission for breeding in small animals for in-house use and breeding in small animals for trade was obtained from CCSEA, New Delhi, in October 2024.

Breeding of Small Animals

Wistar rat, Swiss albino mice and Dunkin Hartley guinea pig breeding is initiated, and stock animals are available for research and training.

Hands-on Microvascular Anastomosis Workshop

A workshop on microvascular anastomosis was conducted on 4th – 5th January 2025 in association with the Department of Neurosurgery and the Pondicherry Association of Neuroscientists. A total of 10 participants completed the workshop.

Census of Activities in the Year 2024-25

No. of IAEC meetings	1
No. of animal experiments approved	4
No. of equipment procured	16

Central Library

Introduction

The Central Library, JIPMER, was established in the year 1957 at the erstwhile Medical College Buildings at Puducherry. It was shifted to the Banting Hall JIPMER in the year 1964. Currently, the Central Library operates in an air-conditioned building, which has been in use since January 12, 1973. The functioning of the Library is guided by Prof. Dr. D.M. Thappa, officiated Dean (Research) & Chairman of Library Committee, Central Library JIPMER, under the supervision of the Faculty In Charge, Central Library.

All the policy matters of the Library is decided by the Members of the Library Committee under the Chairmanship of the Dean (Research).

Sl.No	Members of the Library Committee	Designation
1	Dr D.M.Thappa Dean (Research)	Chairman
2	Dr. Jagdish Menon Officer In-charge of Purchase Section	Member
3	Dr. Debasis Gochhait Addl. Professor, Pathology	Member
4	DrDr. B.V. Sai Chandran Professor of CTVS	Member
5	Dr. T. Kadhiravan, Professor of Medicine.	Member
6	Dr. Pampa Ch. Toi, Professor of Pathology.	Member
7	Dr. Raveendranath. V Addl. Professor of Anatomy	Member
8	Dr. Mrs.M.J. Kumari, Principal (Ag), College of Nursing.	Member
9	Mr. A. Srinivasan Accounts Officer	Member
10	Dr. G. Sivaraman HOD & Addl. Prof. of ENT	Officer In-Charge, Central Library
11	Mrs. P. Vijayalakshmi AAO, Dean (Research)	Asst. Admn.Officer Central Library

Staff Architecture

Officer In-Charge

Dr. G. Sivaraman, HOD & Addl. Professor, Dept. of ENT

Library Staff

1. Asst. Library & Information Officer (Vacant) - 1 No.
2. Library Clerks - 5 Nos.
3. Multi-tasking Staff (Safaiwala) - 1 No.

Facilities/Services Offered

Central Library JIPMER is almost exclusively a digital library and almost all the resources procured in terms of books, journals, multi-media presentations, videos, pharmacopoeias and several other online resources in digital format. Hard copies of select books, as recommended by Heads of the Departments, are procured only for the SC/ST book bank as mandated by Central Government norms for issue to the eligible beneficiaries. In this again, the overlap of content that is procured by online mode is avoided, and only those books recommended by the Department Head are procured in the SC/ST book bank.

One Nation One Subscription (ONOS) policy is being implemented under the Department of Higher Education, Ministry of Education, Govt. of India and provides access to online Journals (13806 nos) to JIPMER, and the Library committee ensures that there is no overlap in procurement of digital content from the ONOS platform and the Institute's purchase.

Statement About E-journals & Books for the Year – (2024-2025)

Sl.no	Publishers	Total No. of Journals/ Books		Nature of the Subscription
01	M/s. Wiley Publishers	Cochrane Library (database)		Subscription Mode
02	M/s. Springer e-Books	e-Books	712	Perpetual Access
03	M/s. Elsevier (Clinical Key Flex)	Books – 1054 Journals – 923 Clinical Overviews -2539 Procedure Consult – 246 Drug Monographs- 2561		Subscription Mode
04	M/s. Elsevier (Clinical Key Nursing)	Books – 203 Journals – 73 Drug Monographs -2561 Clinical Overviews – 2504		Subscription Mode
05	M/s. Elsevier Pathology and Radiology Solutions ExpertPath and STATDx	Hospital on-site clinical reference tool		Subscription Mode
06	M/s. BMJ Publishing Group Ltd. UK	Best Practice (Resource Material) Research to Publication (Online Course)	Unlimited Access	Data Base Subscription
07	M/s. Oxford	E -Books – 426		Subscription Mode
08	M/s. Wolters Kluwer (NEJM)	Issues (from 1990 to Present)		Subscription Mode
09	M/s. Wolters Kluwer American Society of Nephrology (CJASN)	1 Title		Perpetual Access
10	M/s. Wolters Kluwer - Uptodate	Data Base		Subscription Mode
11	Health Science collection renewal	23 Titles		Perpetual Access
12	JAMA Journals Archives (10 Specialty)	11 Titles		Perpetual Access
13	Annals of Internal Medicine	1 Titles		Perpetual Access

Sl.no	Publishers	Total No. of Journals/ Books		Nature of the Subscription
14	M/s. My Loft (for username/ password restricted remote access facility)	3000 Users	-	Subscription Mode
15	M/s. Mcgraw Hills	E books - 301		Subscription Mode
16	M/s. Mcgraw Hills	Nursing Books-390		Perpetual Access

One Nation One Subscription (ONOS)

(Free Online Access of E-Journals to JIPMER) for the year 2025

Sl.No.	Description	Quantity
1.	M/s. Wiley Blackwell	1366
2.	M/s. Springer Nature	2401
3.	M/s. Taylor and Francis	2509
4.	M/s. Oxford University Press	375
5.	M/s. BMJ Journals	101
6.	M/s. Cambridge University Press (CUP)	430
7.	M/s. Elsevier Science Direct	3057
8.	M/s. Lippincott Williams & Wilkins (Wolters Kluwer)	369
9.	M/s. American Society for Microbiology	10
10.	M/s. Annual Reviews	64
11.	M/s. Sage Publisher	934
12.	M/s. Thieme Medical Publisher	49
13.	M/s. ICE Publishing	34
14.	M/s. Institute of Physics (IOP)	100
15.	M/s. Bentham Science	122
16.	M/s. CSHL Press	8
17.	M/s. Emerald Publishing	309
18.	M/s. American Physical Society	10
19.	M/s. IEEE	197
20.	M/s. American Association for the advancement of Science	5
21.	M/s. American Institute of Aeronautics and Astronautics (AIAA)	8
22.	M/s. American Chemical Society	68
23.	M/s. Indian Journals	300
24.	M/s. ACM Digital Library	118
25.	M/s. American Institute of Physics	44
26.	M/s. ASCE	34
27.	M/s. SPIE Digital Library	18
28.	M/s. ASME	33
29.	M/s. Project Muse	723
30.	M/s. American Mathematical Society	10
	Total	13806

New Facilities and Services

- 24 × 7 Personal Books reading facility has been specially provided inside the Library on the ground floor for the students and first floor for senior residents and faculty.
- Students are allowed to take personal books (2 Nos only) and laptops for study purposes inside the Library.
- *The Library switched over completely* to online journals from print subscription from the year 2017. The Library has procured online databases of International publishers (11 Nos) providing perpetual access to several thousand books and journals in the field of medicine and allied subjects for the benefit of the users.
- The computer Lab I has been upgraded with a new conference table with an attached microphone system, modular furniture, public addressing system, etc., for conducting conferences and Meetings similar to the board room in the administrative block of the Institute.
- Fire extinguishers and guide boards (PASS) were newly installed in all sections of the Library to improve the fire safety measures in the Library.

Census of Activities in the Year 2024-2025

Statistics for the Year 2024-2025

Members	
New members	21
Members issued no due certificate	1009
User Statistics (Library) Only for physical users. Digital Library is available throughout Institute and is widely used by Students, Residents, Faculty and Ph.D Scholars. The JIPMER Library has procured wide ranging online resources and has enabled IP based access throughout the Institute, Hospital and hostel campus. Access is available for unlimited number of users 24x7on all days (365 days). Total no. of users	
Faculty and Staff	720
SRs, JRs	16320
Students	58890
Visitors (Other than users)	25
Users from other institutes	------
Remote access users	1588
Total online download from e-library	75.2 GB of e-resources last year
Total resources In Library	
e-books	3086
e-journals and data base collection	13850
Total No. of hard copy Books Available in Central Library – Reference & Issue Section (Print)	7289
Total No. of hard copy Books Available in Central Library – Book Bank (Print)	1308
Value of Books Procured for Book Bank for the year 2023-2024 (Print)	Rs.299643
Bound volume section	
Total no. of bound volumes	36,900
New Bound Volumes added	Nil
Income earned under different headings	
Overdue Penalty	Rs.585
User Fee from JIPMER Alumni for using library facilities	Nil

Central Sterile Supplies Department (CSSD)

Introduction

The Central Sterile Supplies Department caters to the need for sterile materials for patient care, laboratory use and research in the entire hospital, the rural & urban health centres and the non-clinical departments. The main supply includes syringes, needles, IV sets, gloves, caps, masks, disposable aprons, dressing materials and treatment trays. Treatment trays and dressing materials are prepared, packed and sterilised in the CSSD before being supplied to various user areas. In addition, prepared and packed items from wards, OTs are also received and sterilised.

Staff Architecture

Officer In-Charge

Dr. G. Vengadesaprabu, Senior Medical Officer

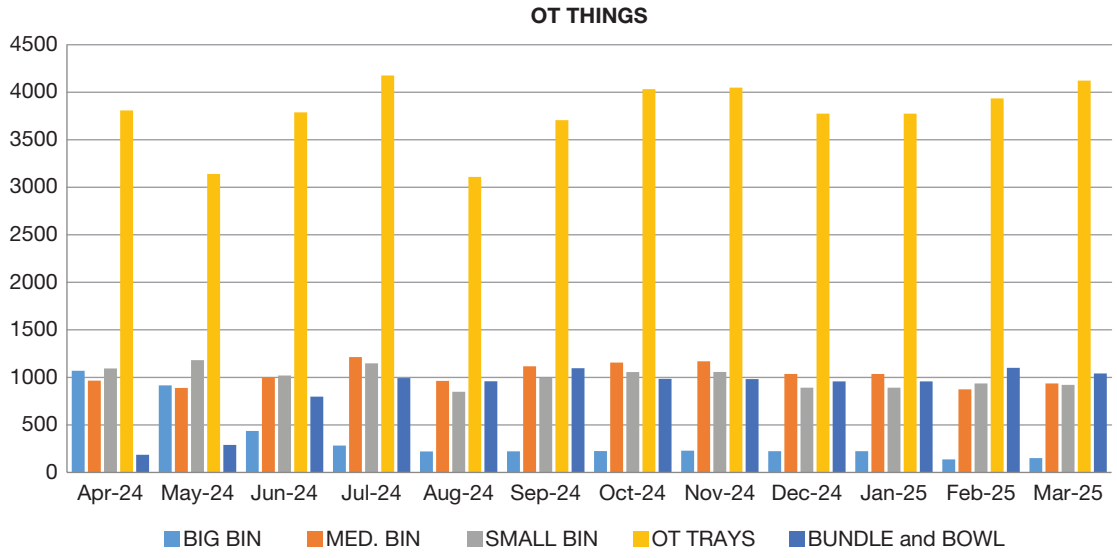
Sl. No.	Designation	No. of Staff
1	ANS	1
2	SNO	3
3	Nursing Officer	2
4	Store Keeper	1
5	Senior Technician	3
6	Technician	4
7	Electro Mechanic	1
8	CSSD Assistant	11
9	CSSD Attendant	1
10	MTS	4
11	Trainee	1
12	Outsource staff (Sybex)	6
13	Dept. DRL	9
13	M.S. Office DRL	3
14	Housekeeping (Krystal)	21
	TOTAL	71

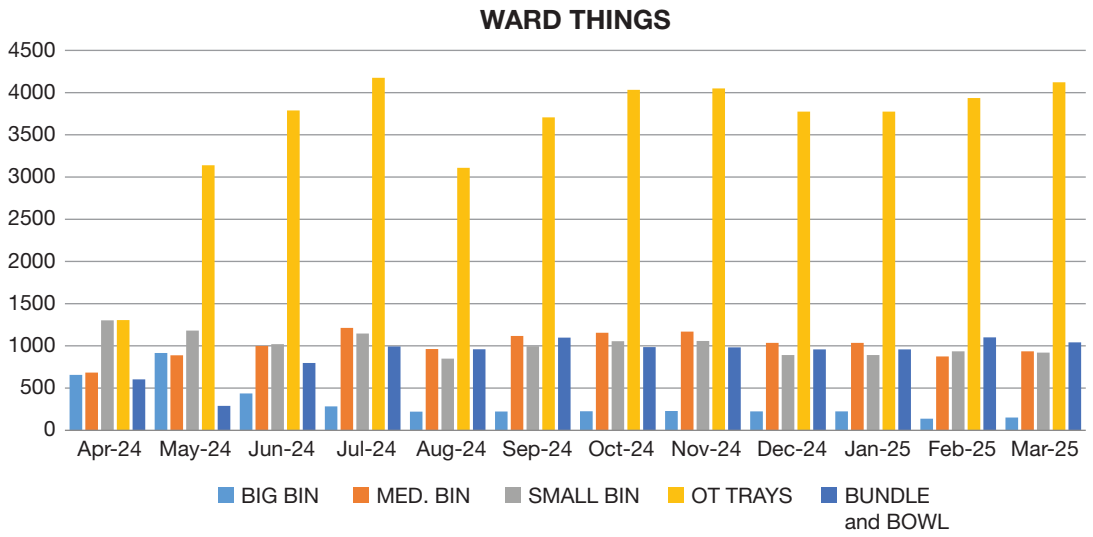
Facilities / Services Offered

CSSD functions in a state-of-the-art infrastructure with unidirectional workflow and sterile zones.

CSSD receives used instrument trays. On receiving, soiled linen is separated and sent to the laundry. The rest of the instruments are carefully cleaned, washed with disinfectant, dried and packed with instruments and other essentials like cotton, gauze, needle & cup, etc. There are 22 different types of trays to be packed. Separate dressing materials are prepared and packed in dressing bins. The dressing bins, packed trays and other pre-packed bins & trays from the rest of the hospital are received and systematically sterilised. Other equipment like endoscopes, ventilator circuits and other items which cannot be sterilised in a steam steriliser are all sterilised with ETO & Plasma steriliser and sent to the issue counter from where they are dispatched according to the CSSD indent book.

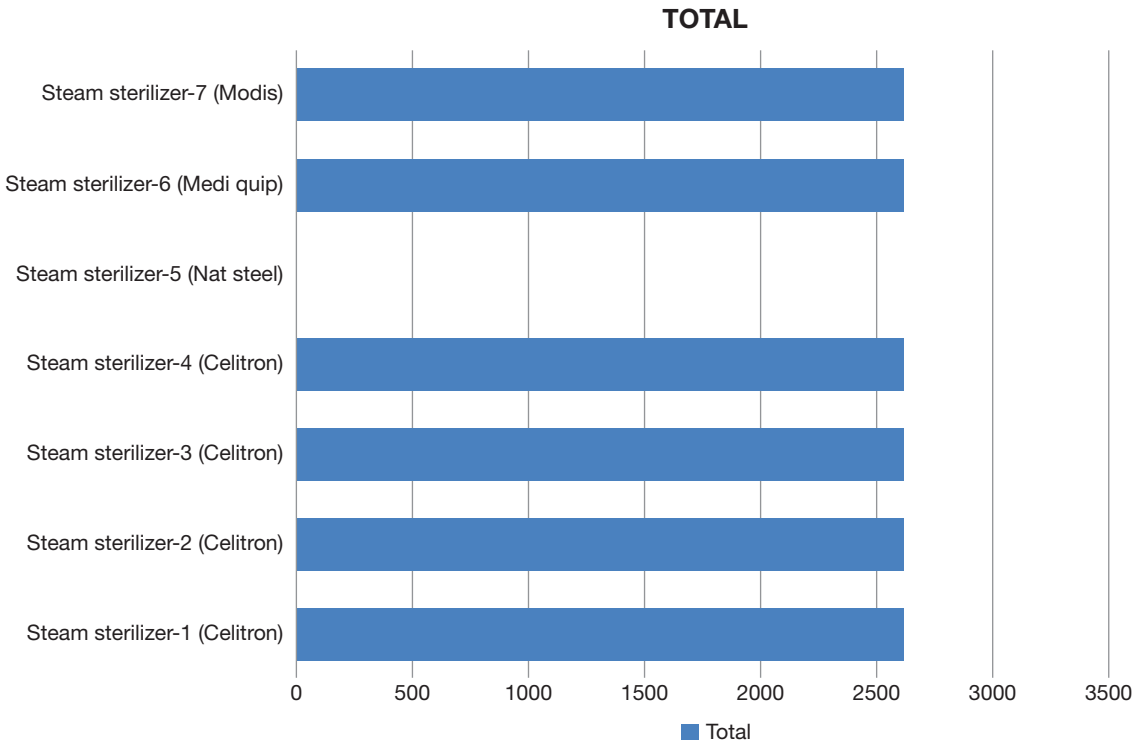
	Autoclave Section												Packing Section	
	OT Things						Wards Things							
Month	BIG BIN	MED. BIN	SMALL BIN	BUNDLE & BOWL	OT TRAYS	Total	BIG BIN	MED. BIN	SMALL BIN	BUNDLE & BOWL	TRAYS	Total	DRESSING BIN	TRAYS
2024-25 Total	4338	12354	12042	45420	10346	84279	8433	8321	14817	16789	5243	53440	22517	69942





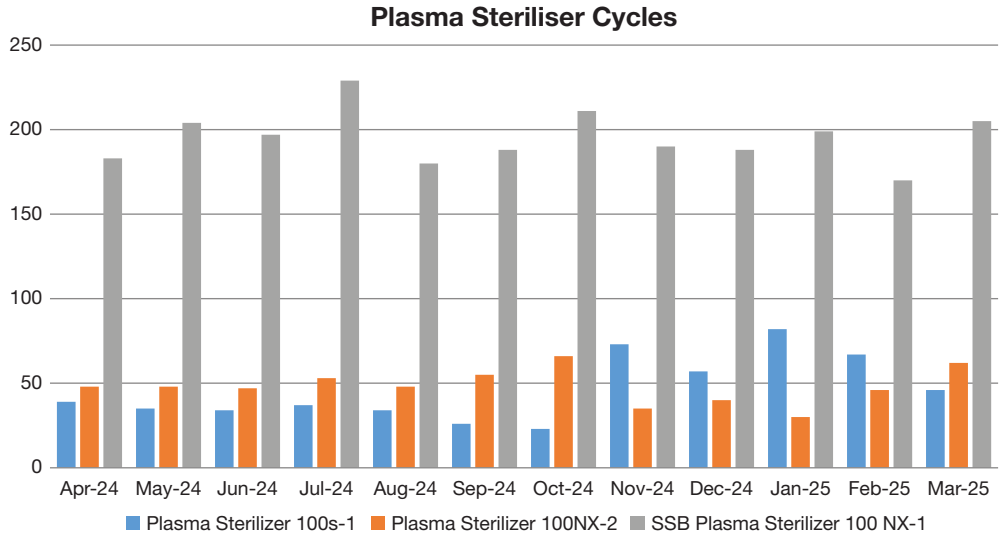
CSSD Autoclave Machine Cycles							
Month	Steam Sterilizer -1 (Celitron)	Steam Sterilizer -2 (Celitron)	Steam Sterilizer -3 (Celitron)	Steam Sterilizer -4 (Celitron)	Steam Sterilizer-5 (Nat Steel)	Steam Sterilizer -6 (Medi Quip)	Steam Sterilizer-7 (Modis)
TOTAL	1807	1356	1932	2027	0	1657	1749

Steam Sterilisation Cycles



ETO Sterilizer Cycles												
Month	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25	Mar 25
ETO cycles	31	32	28	31	31	30	31	30	31	32	29	32

Plasma sterilizer cycles			
2024-2025	Plasma Sterilizer 100s-1	Plasma Sterilizer 100NX-1	Plasma Sterilizer 100NX-2 (SSB)
TOTAL	553	578	2344



The following items have been supplied to all end users during the year Apr'24 – Mar'25

1.	Aprons	670285
2.	Bouffant type Doctors cap	708150
3.	Unsterile examination gloves	3709300
4.	Sterile examination gloves	1101650
5.	Surgeon's gloves size 6.5, 7.0, 7.5, 8.0	1939960
6.	Sterile surgical gown for ICU	189739
7.	Sterile surgical gown for OT	117541
8.	IV set	571130
9.	Disposable surgical mask (3 ply)	1974759
10.	Actively disabling syringes 2ml, 5ml, 10ml	3482650
11.	Needles 16G,18G, 20G, 21G,22G, 23G, 24G, 26G	1436600
12.	Visitors gown	17370
13.	Bootleg leggings	21015
14.	Micropore paper tape	72937
15.	Umbilical cord clamp	9800
16.	PPE kit	1710
17.	N95 mask	18357
18.	Patient leggings	22790
19.	SMS wrapper	111540

New Facilities/services/events in the Year 2024-25

1. Director's approval for WCH - TSSU Turnkey project worth Rs. 4,60,50,000
2. ERRC approval for the Automatic gauze cutting machine and 2 new steam sterilisers.
3. Implemented quality control systems throughout the sterilisation process.
4. Installed two new high-vacuum, high-pressure, fully automatic steam sterilisers, replacing older gravity-based manual sterilisers at SSB-TSSU
5. Established centralised compressed air supply system for the steam sterilisers & the ETO.
6. Developed unidirectional workflow with colour-coded zoning and full partitioning of the steam sterilisers to prevent cross-contamination.
7. Replaced manual washing of instruments with two automatic washer-disinfectors monitored by quality control indicators.
8. Procured a new ETO steriliser through the GeM portal.
9. To modernise and optimise operations, traditional trays are being replaced with mesh trays, and cylindrical bins are being replaced with rigid containers.

10. Conducted water quality assessment to ensure optimal sterilisation input standards.

Training

1. Lecture class followed by demonstration of various CSSD techniques and protocols has been taken for MD Microbiology residents, MBBS students, MSc OT technology students, BSc Nursing students during their regular postings at CSSD as well as on the departmental request.
2. Training sessions have been conducted at CSSD to update the knowledge of autoclave technicians, senior technicians once in 3 months in 2024
3. All staff of CSSD have attended online fire safety training sessions, which were conducted by the Fire Safety & Prevention Committee of JIPMER in 2024
4. Around 15 of our CSSD employees & 15 of our OT in-charge sisters have attended a workshop on "Advanced sterilisation techniques" at Chennai, arranged by CSSD in collaboration with the nursing services of JIPMER.
5. Conducted CNE Programme on "CSSD Update 2024" on 4th August 2024 for JIPMER Nursing Officers, Senior Nursing Officers, ANS & DNS.

Quality Control

1. Validation methods: Indicator tape, Chemical indicators, and Biological indicators have been used to check the quality of sterilisation, and the reports of the same have been audited daily.
2. Reports of biological indicators are assessed by the Department of Microbiology, JIPMER
3. CSSD have been performing Bowie – Dick test to check the performance of steam steriliser machines.
4. SOPs have been created for all CSSD staff regarding do's and don'ts to ensure high quality sterilisation process.
5. Audits have been conducted every week to ensure the quality of sterilisation

Future Plans

1. TSSU-WCH project to be completed and make functional as early as possible.
2. Establishing a closed transport system and sterile storage cabinets at CSSD & OTs.
3. Creation of skilled manpower at CSSD, like CSSD managers, Superintendent, etc.
4. To establish a closed transport system of sterile items from the CSSD to various OT areas
5. To conduct Workshops / CSSD update / hands-on training about sterilisation to update the knowledge of CSSD staff
6. To implement the research activities at CSSD for quality control and validation purposes

A 3-week training programme was attended by staff from the Andaman & Nicobar Islands Institute of Medical Sciences (ANIIMS) from 23rd Sep 24 to 14th Oct 24.

Central Stores

Introduction

The central store department procures and stores many items required for patient care and that are used in various hospital and institute areas. It also disposes of the condemned items from the entire institute premises by public auction.

Staff Architecture

Officer- In- Charge: Dr G Krishnakumar

Deputy Officer-In-Charge: Dr M. Hadar Basha

Stores Officer: Mr DS Ramesh Babu

Stock Verifier/Office Superintendent: Mrs Radha Vijayan

Store Keepers: Mr P Murugaraj
Mr V Suresh
Mr K Sivakumar

Services

Facilities / Services Offered

1. Sutures & Disinfectant Stores
2. Surgical Stores
3. Contingent, Sanitary Stores & Bio Medical Waste Management stores
4. Furniture Stores
5. Condemnation Stores

The Stores maintains a close contact with the Purchase Section and helps in utilising surplus funds for the benefit of the Institute and the Hospital.

Census of Activities for the Year 2024-25

Sl.no	Central Stores	Funds utilized in the year 2024-25
1.	Furniture store	₹ 1,14,73,469.00
2.	Contingent and Sanitary store	₹ 3,03,76,979.00
3.	Sutures and Disinfectants store	₹ 15,71,98,022.00
4.	Surgical store	₹ 4,14,60,350.00
5.	Condemnation store	Under process. Total revenues received by disposal of condemned items ₹ 35,78,178.00 (2023-2024)

Department of Dietetics

The Department of Dietetics, with its in-house centralised kitchen, started working full-fledged along with JIPMER hospital in 1966. As Diet is an integral part of curative and preventive health care management, the department is involved in dietary services like

- Normal Diet preparation
- Therapeutic Diet Preparation
- Diet counseling
- Administration
- Departmental orientation programs

The Dietetics Department functions 24/7. The Departmental kitchen caters to three meals per day for around 1600 hospitalised inpatients and modified therapeutic liquid feeds to patients with specific illnesses.

Staff Architecture

Sl. No.	Name of the Post	
01	**Officer-in-charge** Dr.Latha Chathurvethula, Professor, Obstetrics and Gyenecology	
02	**Chief Dietitian** Mrs. D. Madhavi	01
03	**Senior Dietitian** Mrs. R. Poonguzhaly	01
04	**Dietitian** Mrs. Marie Sujatha. L Ms. K. Vijayalakshmi Ms. D. Umasankari	03
05	**Assistant Dietitian** Ms. Vineetha Kumaran Ms. M. Harinee Ms. A. Dhilshath Begum Ms. Shalini Urban Ms. P.M. Rama Prabha Ms. Milan Muhammad Suroor Ms. Ankita Debbarma	07
06	Stock verifier	01
07	Boiler Attendant	01
08	Steward	02
09	Head Cook	01
10	Senior Cook	03
11	Cook	10
Contract staff		
12	Data Entry Operator	01
Temporary staff		
15	Boiler Attendant Cook Coolies/DRL	62
16	Krystal	09

Departmental Highlights

- Our diet service aims to provide a clean, hygienic and nutritious diet for inpatients per their nutritional requirements.
- Senior dietitian Visited Hospitals in Hyderabad – National Institute for Medical Sciences and Apollo Hospitals, along with Officer In-Charge of Dietetics, to observe the functions like manpower management, updated equipment and hygienic practices followed.
- Proper storage facilities for dry rations and cold storage facilities for perishable items.
- Expert cooks cook food with the help of supporting staff under the supervision of dedicated dietitians to ensure the hospital patients' safety and hygienic diet preparations.
- Different types of diets like high protein diets, high carbohydrate diets, burn diets, bland diets, diabetic diets, uremic diets, Fluid diet for nasogastric, and jejunostomy feeds are provided to the inpatients.
- The department has two 600-litre steam boilers, one tray washing machine, one milk analyser, one deep freezer, two vegetable cutting machines, one peeler and a walk-in cooler.
- We follow a planned weekly menu with various vegetable dishes that provide patients with a nutritious, balanced diet.
- Our hospital menu has no addition of food additives, colours, or preservatives. Mostly, no pre-packaged foods and processed foods are encouraged.
- Regularly conduct awareness/training classes for hygiene promotion and fire safety training among staff with the help of HICC nursing officers and FSPC department staff.

Kayakalp Project

Swachhata Abhiyan - To ensure cleanliness, proper hygiene practices, proper illumination, recycling waste materials, facilitate removal of condemned/junk/debris materials, regular pest control, installation of flycatchers and installation of ten CCTVs to reduce wastage and pilferage.

- Organic waste (vegetable peelings) used for fertiliser and left-out food waste is regularly given to the Cattle farmer to reduce food wastage.
- As part of our sustainability efforts, we have established and maintained a kitchen garden outside the dietetics department. This initiative reduces our carbon footprint and provides fresh produce for our staff/patients.

Staff wellness program-

- Initiated Typhoid vaccination for all food handlers, and 50% of staff have been vaccinated; the process is ongoing.
- All staff are given deworming tablets every six months. All staff complete full HBsAg immunisation in the Dietetics department as per guidelines.
- Maintaining the physical hygiene of all staff working in the kitchen area
- Physical and clinical examinations and screening tests, if needed and Day-to-day attending and treating minor ailments of department staff by the posted Officer in charge. Refer the required cases to the other department/speciality for needful and telephonically consult related specialists for help.

All permanent staff successfully completed the Certification course on Karmayogi in the iGOT platform.

Academic Activities and Presentation

- Member of the Board of Studies for the FSMD-PG (Food Service Management and Dietetics-Post Graduate) course at KMGIPSR (Autonomous), Puducherry and B.Sc., CND course at Bharathidasan Govt. College for Women, for 7 years, Puducherry by D.Madhavi, Chief Dietitian
- Induction talk for MBBS III-year students in the PSM department about departmental activities, by Mrs. R. Poonguzhaly, Senior Dietitian and Mrs.Marie Sujatha. L, Dietitian.
- Classes taken for Nursing 1st year students, subject-Applied Nutrition, by Mrs. D. Madhavi, Chief Dietitian; Mrs R. Poonguzhally, Senior Dietitian; Mrs.Marie Sujatha. L, Dietitian and Assistant Dietitians- Mrs. Vijayalakshmi, Mrs. D. Uma Sankari, Mrs. Vineetha Kumaran, Mrs. M. Harinee; Mrs. Dhilshath Begum, Mrs. Shalini Urban, Mrs. Milan Muhammed Suroor, Mrs. Ankita Debbarma.
- Dietary advice for the two projects: 1) Prevalence, factors and perceptions about anaemia among adolescent boys residing in Puducherry - an explanatory mixed method study

Dietitian Marie Sujatha .L K. Vijayalakshmi D. Uma Sankari	Co guide for the study CHO Diet Vs Fat diet in COPD patients Article in Indian Journal of Chest Disease – April 2025 General awareness talk _PHC for SAM , Geriatic and Hepatitis , and schools children . Co Guide for the study conventional drug therapy alone versus conventional drug therapy along with structured 12 weeks home based pulmonary rehabilitation program on patients with Interstitial Lung disease in a tertiary care centre - A stratified Randomized controlled trial. Project title: Effect of Sodium Bicarbonate supplementation on CKD progression – A randomized control study BPNI CERTIFICATE COURSE: Breast feeding & Infant & young child feeding counselor Webinar invited speaker to speak on nutrition related topics
Assistant Dietitian M. Harinee	Resource person for two day Regional Workshop on "Applied and Holistic Clinical Nutrition" on "Impact on Nutrition in Cancer Patients" & " Case study on Stoma" on 12th&13thNovember 2024
Dhilshath Begum A	Resource person for 2 day Regional Workshop on "Applied and Holistic Clinical Nutrition"on " Nutrition on Anaemia & Tuberculosis with case study" 10th & 11th May 2024
Shalini Urban	Provide awareness talk about diet Management in Diabetes for public.
Milan Muhammed Suroor	Dietary acid load in children with chronic kidney disease and its association with nutritional status along with. Dr. Bobbity Deepthi. Juvanile diabetes management comparitive study along with.Dr.Bobbity Deepthi.
Ankita Debbarma	Resource person for 2 day Regional Workshop on "Applied and Holistic Clinical Nutrition"on " Nutrition on Rheumatoid Arthritis & AIDS with case study" 10th & 11th May 2024

Tuberculosis- Learning the impact of Nutrition (TB-LION)

Diet counselling was provided to Inpatients and outpatients of various Departments like Endocrinology, Nephrology, Gastroenterology, Obstetrics & Gynaecology, Diabetic Clinic and Oncology as per the data given below

Month	No of In-Patient Counselled	No of Out-Patient Counselled	Total no of patients counselled
April 2023	282	305	587
May 2023	274	220	494
June 2023	294	218	512
July 2023	295	225	520
August 2023	314	176	490
September 2023	309	276	585
October 2023	304	206	510
November 2023	298	289	587
December 2023	287	223	510
January 2024	295	239	534
February 2024	278	310	588
March 2024	280	260	540
Total Diet Counselling	**3510**	**2947**	**6457**

Statistics of Diet Supplied for the Year April 2024-March 2025

Month	ND	M&B	FD	HP(NV)	HP (V)	DD	HCD	R&C	BD	SD	TOTAL
April 23	1844	0	10794	27353	445	6168	2	137	58	610	**47411**
May 23	1999	0	11381	28130	543	6627	23	105	65	676	**49549**
June 23	2295	0	11012	27646	571	6727	14	113	34	551	**48963**
July 23	2313	0	11433	29035	488	7162	3	177	56	559	**51226**
August 23	2183	0	11649	28259	483	7080	2	102	42	672	**50472**
September 23	2132	0	10993	27988	495	7114	9	147	22	749	**49649**
October 23	2327	0	11607	28811	579	6899	7	82	36	803	**51151**
November 23	2369	0	11093	27116	463	6917	7	125	46	754	**48890**
December 23	2664	0	11140	27976	511	7331	6	113	49	702	**50492**
January 24	2657	2	11238	27302	526	6826	6	68	32	709	**49366**
February 24	2277	0	10478	25876	551	6635	18	76	17	604	**46532**
March 24	2522	2	11197	27057	580	7232	25	61	11	721	**49408**
Total	**27581**	**4**	**134015**	**332549**	**6235**	**82718**	**122**	**1306**	**468**	**8110**	**593109**

ND - Normal Diet
M&B - Milk and bread
LD - Liquid Diet
HP (NV) - High Protein (Non-Vegetarian)
HP (V) - High Protein (Vegetarian)
DD -Diabetic Diet
HCD - High-Calorie Diet
R&C - Rice & Curd
BD - Bland Diet
SD - Soft Diet

Fire Safety and Preparedness Committee

Introduction

The JIPMER campus is identified with many blocks/ buildings which are scattered across. Hence, each block/ building has unique strength and deficiencies which has to be identified and strengthened. There is always an increasing trend both infrastructure-wise and patient care service-wise. Along with the rising trend, the associated risk and hazardous environment have also spread across 200 acres.

A multi-disciplinary committee - Fire Safety and Preparedness Committee (FS&PC) is constituted under the Chairmanship of the Director, JIPMER and an Officer Nominated by the Director, JIPMER, with a Fire Officer Nominated from the Fire Service, Govt. of Puducherry, along with CPWD, HLL, Engineering division- JIPMER. In order to decentralized the responsibility of the working group of the Fire Safety Committee and empower the Hospital staff and gain collective responsibilities at all places of JIPMER, which includes patient service areas, service buildings, Academic centre, Administrative block & Hostel complex. Hence, at each block level, DMS / Block in-charge / Fire safety departmental coordinator (FSDC) was created who will coordinate with Additional Member Secretary & Deputy Member Secretary to carry out all necessary fire safety preparedness activities and also for implementing the safety policies as decided by the Chairman of this committee.

JIPMER has a robust Fire Safety Program. The Fire Safety SOP of JIPMER was implemented in 2011 and revised annually. The latest fire safety SOP of JIPMER was revised in **January 2025**. The revised SOP. In this revised manual, the following aspects have been covered

- Roles & Responsibilities of all Staff
- Fire Prevention and Safety Information
- General Safety Precautions and Maintenance of Fire Fighting Facilities
- Building & Occupant Details
- Fire Control Room Operational Procedure

- Evacuation Procedure
- Immediate Fire Procedure
- Fire Training Procedure
- Role and Responsibilities of Fire Guards with annexures

Staff Architecture

Officer-In-Charge: Dr. Gunaseelan. K, Professor, Department of Radiation Oncology

List of staff:

No	Name	Designation
1	Mr. K. Kanabady	Dresser posted under FSPC committee
2	Mr. Ajith	Krystal (Outsourced contract staffs)
3	Mr. Santhosh	
4	Fire Supervisors – 04 Fire Guards – 24 (Outsourced contract staffs)	

Facilities / Services offered

The Fire Safety and Preparedness committee had 15 meetings from April 2024 to March 2025. The major programs being executed by the committee are

1. **Fire safety NOC status** and additional **fire equipment installations as per NBC part IV, life safety**

   Provisional safety clearance from the Fire Service Department, Government of Puducherry, for new buildings issued and provisional clearance for one year from the date of issuance has been obtained.

Status of Fire NOC			
S. No	**Name of the Building**	**Date of Fire NOC issued**	**Valid till**
Fire NOC obtained * Fire NOC certificate valid for one from the date of issue			
1	JIPMER blood Centre	19/02/2025	18/02/2026
2	Central Dietetics	27/03/2025	26/03/2026
3	Laundry	19/02/2025	18/02/2026
4	JISPH	03/04/2025	02/04/2026
5	Dr. A.P.J Abdul Kalam Auditorium	08/04/2025	07/04/2026
6	New Guest House	13/05/2025	12/05/2026
7	Type V Quarters (1-6) & (7-12)	03/04/2025	02/04/2026
8	Type II Quarters	08/04/2025	07/04/2026
9	Type IV Quarters	08/04/2025	07/04/2026
10	PET-CT	03/04/2026	02/04/2026
11	International Hostel	27/03/2025	26/03/2026
12	Indoor Stadium	27/03/2025	26/03/2026
13	JIPMER Urban Health Center	13/03/2025	12/03/2026
14	K.V School	19/07/2024	18/07/2025
15	SSB Annex	19/09/2024	18/09/2025
Fire Department Inspection completed and awaiting for NOC renewal Certificate			
16	Animal House	20/05/2025	-
17	JIPMER Mortuary		
18	New Pharmacy Block		
19	Nursing College		
20	Nightingale House		

In addition to the existing fire protection system for the buildings mentioned above (S.no 1), the Fire Service Department, Government of Puducherry, had directed additional installations as per NBC part IV life safety.

i. Sprinkler system in the EMSD block – Installation work completed.

ii. Pressurised system in the evacuation routes, an Alternative power supply system, Fire doors in all blocks, the ICU & OT complex

iii. Newly constructed Hospital buildings – projects completed - Vertical expansion of Administrative block, Animal House, Pharmacy block Extension

iv. Newly constructed Hospital buildings – projects ongoing - Pre-construction approval from the Puducherry Planning Authority obtained & Fire Department has inspected and submitted the fire safety recommendations for the RCC Phase III project, a 150-bedded critical care hospital block – Works under process.

v. Newly constructed Hospital buildings – completed and occupied – Fire NOC from the Fire Service Department, Government of Puducherry obtained for JIPMER Hospital and Hostel buildings.

vi. Old hospital buildings – under renovation - Interconnected Hospital block, Institute Block, OPD block - Fire installation upgradation and Modernisation of the existing old Hospital blocks is carried concurrently along with renovation works & SAFETY CLEARANCE (NOC) will be submitted after completion of renovation process for the entire block as these buildings are interconnected to each other. Subject to adherence to mandatory requirements for obtaining NOC*.

2. Upgradation / Modernisation of new & existing Fire safety installations in Hospital buildings

a. JIPMER has officially nominated HLL – HITES as the single agency to install the Fire Protection System for the entire JIPMER Campus.

b. For **Phase I** Fire installation upgradation old Hospital blocks - **90% is completed**. SAFETY CLEARANCE (NOC) will be submitted after completion of the renovation process for the entire block, as these buildings are interconnected with each other.

c. CPWD electrical – sprinkler provision work at the RCC block was completed

d. CPWD electrical – sprinkler provision work at the EMSD block was completed

e. CPWD electrical – EMSD wet riser above grounding work and pump room work were completed.

f. CPWD electrical – provision of addressable fire alarm panel – programming work is in progress at the Auditorium and Central Library.

g. CPWD electrical – provision of public address system work was completed at JIPMER blood centre.

h. CPWD electrical – fire installation works at the PMRC block are in process.

i. HITES Facility Management – hydrant and sprinkler header line above grounding work was completed for the WCH and JAC block.

j. HITES Facility Management – Exit signage glow type with the alternate source of power supply for EMSD, SSB Annexe & RCC, SSB & WCH were completed.

k. HITES Facility Management – HLL FM completed the Institute block fire alarm system installations

l. HITES Facility Management – Fire Door Provision work was completed at the EMSD, JAC and RCC blocks.

3. Renovation work – fire safety precautions

As per the instructions of the Director JIPMER Fire Safety and Preparedness Committee conducted an Inspection at various places of the JIPMER campus. Based on the previous fire accidents during renovation work at the Hospital buildings and, service building. The FSPC committee documented the risk hazards associated with such fire incidents and there in by submitted a letter for safety precautions for implementing the HOT WORK PERMIT system.

As per the Director's instructions that all such works which require a hot work permit, the concerned facility management should strictly adhere to the system, and proper prior communication has to be sent to all concerned. No heating/welding works should be carried out by the facility management without a Hot work permit system from FSPC as per the template provided.

The following areas are under renovation – Institute Block, S-OPD, Admin Block, Phase-II Sump, JIPMER Academic Centre, SSB Annexure, Laundry, WCH, RCC, Nursing Hostel, SSB, Nursing College, EMSD, Hospital block, Curie I & Main gate HT yard. Totally **72** HOT work permits issued for the year April 2024 to March 2025.

4. **Root cause analysis of fire accidents**

   The FSPC committee have conducted and submitted a Root Cause Analysis of the fire accident along with safety recommendations and monitoring steps to prevent such a fire accident. The STEPS OF RCA are performed, such as Data Collection, Timeline Creation, Brainstorming Session, The Five Why Analysis, action plan, urgent, long-term, monitoring & Steps to be followed in the event of fire. Based on the RCA submitted by the FSPC committee, the concerned Department, along with DMS of the block, HLL & CPWD facility management, were directed to make necessary arrangements about suggested action plans and submit a proposal/ compliance report at the earliest.

   Based on this, many fire accidents have happened in the JIPMER campus, the FSPC committee have conducted and submitted **05 Root Cause Analyses** of fire accidents along with safety recommendations to the JIPMER authority for urgent corrective actions from April 2024 to March 2025.

5. **Conducting periodical fire training (both online and direct) and Fire Guard mock drill – 87 sessions** of training with **2081 staff** have been "hands-on" training on handling fire extinguishers & fire prevention / mock drill methods from April 2024 to March 2025. Fire safety training class is planned for one session (Afternoon) per day, consisting of 25 staff members per session, which should include training for Doctors, Nursing staff, Technologists, office staff, all Paramedical staff, support staff and periodically new residents and medical interns are trained under fire safety orientation. **Fire Guard Mock Drill** – 31 sessions of fire guard mock drill were completed from April 2024 to March 2025.
6. **Fire Installations Maintenance Audit –** Totally **05** fire installations audit report from April 2024 to March 2025 has sent to HLL FM for necessary rectification.
7. **Individual Departmental Fire Audit –** Totally **230** reports were submitted for the internal fire audit report from April 2024 to March 2025. The complaints were segregated and forwarded to the concerned facility management (CPWD / HLL) for urgent rectifications through the competent authority. Also, the report was sent to the concerned DMS / Officer In-charge / HODs.
8. **Fire safety audit conducted by Fire Guard -** Totally **200** internal fire audit reports were submitted from April 2024 to March 2025. The complaints were segregated and forwarded to the concerned facility management (CPWD / HLL) for urgent rectifications through the competent authority. Also, the report was sent to the concerned DMS / Officer In-charge / HODs.
9. **Corrective measures/compliance report to inspection - Work updates on existing firefighting system:** The FSPC committee has conducted **15 sessions** of inspections & submitted **15 reports from April 2024 to March 2025** to all concerned department heads, DMS / block in-charge / officer in-charge & facility management to undertake urgent corrective measures and submit the compliance report in a time bound manner.

   With regard to the service details of the existing firefighting system, the details of the discussion are mentioned below.

   a. Urgent compliance report based on the remarks submitted under **AMC visit for the fire FA system and FF system**. Rectify the **complaints about the fire safety equipment** for the entire Hospital, Academic, Admin, Nursing College & hostel complex. Replacement of defunct fire panel in Hospital buildings. Key box installation by the side of the Hydrant cabinet box. Details of SOM for all existing FPS & FAS system. Urgent information on service norms and maintenance-related details of all firefighting equipment, including Fire extinguishers, and submit all necessary documents to the FSPC committee. Urgent placement of Yard hydrant system with hose branch, delivery hose with hose cabinet in both the **dump yards** by the fire safety committee decision that HLL FM, "As a single agency" will maintain all necessary firefighting equipment & installation of related fire safety measures inside JIPMER complex.

   FSPC committee periodically inspect all the fire installations every month. Based on their inspection for all hospital buildings, reports were submitted **(05 reports – 10 Months)** related to issues in the fire installations monthly wise. HLL FM through the Sodexo fire team have addressed the complaints in the fire installations & shall rectified and submit feedback report for the same.
10. **Diesel storage safety:** The HSD storage is considered a high fire hazard, and the same has been audited by CISF, MHA in the fire safety audit report. Since the JIPMER campus is facilitated with an HSD storage facility (underground & above ground) safety recommendations were suggested in this regard by the FSPC committee and directed the concerned section/department. should provide details of the fire protection system in HSD tank located inside JIPMER campus based on recommendations and submit a compliance report based on safety recommendations at the earliest.

S.No	Department	License No.	License Valid Upto
1	Central Kitchen	P/HQ/ PY/15/519 (P127985) dated 19/12/2023	31st December 2028
2	Laundry	No. P/SC/ PY/15/42 (P380922) dated 05/06/2023	31st December 2027
3	CPWD Electrical	No. P/SC/ PY/15/36 (P311778) dated 04/01/2024	31st December 2028

11. **Liquid oxygen explosive license:** JIPMER campus is facilitated with a Medical Gas system facility (Liquid Oxygen & Compressed Gas cylinder storage is considered as high fire hazard and the same has been audited by CISF, MHA in the fire safety audit report. Safety recommendations were suggested in this regard by the FSPC committee and the concerned section/department. should procure an Explosive license with site clearance certificate from The Petroleum and Explosives Safety Organisation **(PESO)** for Medical Gas (Oxygen) usage should be available with the Department/ Gas plant, and the same has to be renewed as per recommendations. Such a license should be displayed in the Gas plant itself. HLL FM have obtained the Medical Oxygen gas in pressure vessels license from PESO, license no. No: S/SC/PY/03/4 valid up to **30th September 2027** & license no. S/HO/PY/03/24 valid up to **30th September 2027.**
12. **Fire safety Signages, CPWD electrical & HLL facility management:**
    a. Fire door signage for EMSD (3rd to 5th floor), RCC & JAC - by HITES facility management completed
    b. Installation of warning signage for fire alarm activation is in progress
    c. Exit signage glow type with the alternate source of power supply for EMSD (basement to 2nd floor) - by CPWD electrical completed
13. **Placement of Firefighting Team - Fire safety personnel:** As per the sanction order vide No. JIP/Admin-II/OSW/3(1)/2023 Vol-III dated on 02nd June 2025, 04 numbers of Fire Supervisor & 24 numbers of suitable candidates as fire guards were supplied by GeM select contractor (M/s Alert Security Services) for 2 years from 01st June 2025.
14. **Creation of SOP video** – Command procedure SOP video for Fire Supervisors and Fire Guards was prepared by the FSPC committee.

Hindi Cell and Official Language Implementation

Background Information

From the very inception of this Institute, Hindi Cell has served the cause of promotion and progressive use of the Official Language, Hindi. It also strives for the implementation of the Official Language policies of the Government of India. There is a sanctioned strength of six Hindi posts to shoulder the responsibilities. For some time now, Hindi Cell has been functioning with a strength of one Assistant Director (OL), a Junior Translation Officer and a Data Entry Operator to carry out the responsibilities. Hindi Cell does all the work related to translation from English to Hindi and vice-versa, as per the requirements of the Official Language Act and Rules, along with other duties as prescribed, such as preparation of forms and documents in bilingual form, etc. The database is being maintained to prepare quarterly, half-yearly and Annual Reports indicating the progressive use of Hindi in the Institute; compilation is done and transmitted to the Ministry and Regional Implementation offices.

Staff Architecture

Officer-in-charge: Dr. Dharm Prakash Dwivedi
Assistant Director (Official Language): Ranjith. V
Junior Translation Officer: Shatrughan Keshari
Data Entry Operator: Suganthi. S

Services Provided with Statistics

Hindi Library

This Institute has a rich collection of Hindi books. More than two thousand books in Hindi on various subjects, including technical, administrative matters, and fiction, are available in the Central Library and Hindi Cell. Every year new collection of Hindi books is also received from the Central Hindi Directorate, New Delhi. In addition, several magazines on the official language are also obtained from other organisations, which help create interest in learning Hindi.

Website of JIPMER in Hindi

The Hindi version of the JIPMER website (www.jipmer.edu) is updated periodically. Information regarding JIPMER is available on this website in Hindi. Preparing a bilingual website is one of the achievements as per the target of the Annual Programme issued by the Department of Official Languages.

Hindi Translation

Hindi Cell undertakes the translation work of all the communications, such as official reports, circulars, office memorandum, standard forms, notifications, performance budgets, annual reports, citizens' charters, etc., and coordinates in issuing all in bilingual form (Hindi & English).

It also translates and coordinates the making of all the name boards, sign boards, rubber stamps, letterheads, logos, etc., in bilingual form. So far, 207 forms have been received from the MRD and the Purchase Section and have been translated, and nearly 423 standard forms have been translated and are available in bilingual form. The Hindi translation work of the Annual Report of the Institute is undertaken by the Hindi Cell, and more than 60% of translation assignments are done indigenously by the Assistant Director (OL), Sr. Translation Officer and Junior Translation Officer with the support of the Data Entry Operator. Outsourcing some portion of translation work is also done, as may be required.

Town Official Language Implementation Committee (TOLIC), Puducherry

This Institute continued to function as the Secretariat of the Town Official Language Implementation Committee (TOLIC) of Puducherry, and the Director of the Institute has been designated as Chairman of this Committee since 1986. According to the official language rules, this committee was constituted for official language implementation in all the central government offices, public sector undertakings/autonomous institutions, and insurance companies/corporations in Puducherry. All these offices are members of this committee. The Town Official Language Implementation Committee has its Regional Implementation Office (South-West) at Cochin, Kerala, under the Department of Official Language (DOL), Ministry of Home Affairs (MHA), Government of India.

The Town Official Language Implementation Committee (TOLIC), Puducherry, holds its meeting regularly at half-yearly intervals, and so far, 74 sessions have been convened. As a member of this Committee, the Head of the Institutions of Central Govt., public sector undertakings, autonomous institutions and Insurance companies must attend the meeting.

Apart from holding regular bi-annual meetings to review and monitor the implementation work, this committee has several achievements and awards for its contribution in promoting the progressive use of the official language in its member offices. It has the honour of receiving the award of 'Rajbhasha Shield' in the year 1986-87 and again in 1994-95 from the Department of Official Language (DOL), Ministry of Home Affairs (MHA, Government of India, for the commendable work in promoting the Official language.

It has set a high standard in its functioning and implemented several incentive schemes to encourage the use of Hindi in all offices in Puducherry. It has also been adjudged third among the TOLICs of the southwest region in promoting Official language Implementation work.

Puducherry TOLIC was constituted in 1986, and now TOLIC has 57 member offices. The first meeting of the Committee was held on 18.03.1986. Till now, 74 sessions have been conducted.

Our Town Official Language Implementation Committee (TOLIC) has been honoured with one national and one regional award. In 1986-87, this committee was awarded the shield and appreciation letter for commendable work in increasing the progressive use of Hindi in the central government offices, undertakings and banks situated in the Southern region.

The Department of Official Language conferred the Rajbhasha Shield to our TOLIC in 1994-95 for the best performance in implementing the official Language Policy.

Hindi Cell, JIPMER, is also extending cooperation to the member offices of the Puducherry Town Official Language Implementation Committee (TOLIC) in connection with the implementation of the Official Language policy.

Important Events

TOLIC - HINDI FORTNIGHT CELEBRATIONS 2024

Under the auspices of Puducherry TOLIC, Hindi Day and Hindi Fortnight were celebrated at Puducherry from September to October. This is the most popular annual event in connection with activities related to the Official language.

Several programmes and competitions in Hindi are organised and conducted during this occasion. Students of all schools, colleges, and universities in Pondicherry are also invited, in addition to member offices, to participate in the competitions. This innovative approach has had tremendous success in propagating and promoting Hindi. During the period under review, Hindi fortnight was celebrated on behalf of TOLIC from 01.10.2024 to 18.10.2024. The details are as follows;

Competitions

Sl. No.	Name of the Competition	Date	No. of Participants
1	Sunder Likhavat	01.10.2024	59 (4 Levels)
2	Shrut Lekhan	01.10.2024	11 (1 Level)
3	Shabda Sakthi Pratiyogita	01.10.2024	12 (1 Level)
4	Essay Competition	03.10.2024	24 (3 Levels)
5	Quiz	04.10.2024	14 (1 Level)
6	Kavitha Path Pratiyogita	07.10.2024	14 (2 Levels)
7	Elocution Competition	08.10.2024	17 (3 Levels)
8	Hindi Singing Competition	09.10.2024	11 (3 Levels)
9	Match the Pair	10.10.2024	06 (1 Level)
10	Masouda Lekhan	10.10.2024	04 (1 Level)
11	Translation Competition	10.10.2024	05 (1 Level)
12	Variety Programme	29.10.2024	82 (1 Level)

Total Number of Participants Participated in all the Competitions

1	Educational Institutions (a) Schools	181
	(b) College and University	07
2	Officers/Employees of member offices	66
	Wards of the employees of member offices	05
3	Total No. of Participants	259

Prizes

I.	1. First Prize	27
	2. Second Prize	29
	3. Third Prize	27
	4. Consolation Prize	39
II.	**Variety Programme - Shield (For educational Institutions)**	
	1. First Prize	01
	2. Second Prize	01
	3. Third Prize	01
	4. Consolation Prize	02
III.	**RAJBHASHA SHIELD - (For member offices)**	
	1. Neyveli Lignite Corporation India Limited, Tamil Nadu	- First Prize
	2. Food Corporation of India, Puducherry	- Second Prize
	3. Kendriya Vidyalaya No.1, Puducherry	- Third Prize
	4. Kendriya Vidyalaya No.2, Kalapet	- Consolation Prize
	5. Directorate of Census Operations, Puducherry	- Consolation Prize

The Valedictory Function of these celebrations of TOLIC was jointly held with JIPMER Hindi Diwas celebrations of JOLIC on 30.12.2204 at 3.00 pm at Mini Auditorium, JIPMER Academic Centre, IV Floor, JIPMER. The Chief Guest, Dr. Rakesh Aggarwal, Director JIPMER and Chairman, Town Official Language Implementation Committee, Puducherry, appreciated the activities of TOLIC and encouraged the member offices to increase the use of Rajbhasha in Official Communications. Dr. Manju Rahi, Director, ICMR-Vector Control Research Centre (VCRC), Puducherry, was the Guest of Honour. She also spoke on the occasion.

Dr. Kusa Kumar Shaha, Dean, JIPMER Karaikal and Secretary, Town Official Language Implementation Committee (TOLIC), presented the detailed report of Hindi Fortnight Celebrations-2024 and the activities of the Town Official Language Implementation Committee, Puducherry. Prizes and certificates were awarded to the winners of various competitions by the Chief Guest and the Guest of Honour. Dr. Maneesh Kumar Joshi, PGT, Kendriya Vidyalaya No.2, Kalapet, Puducherry, proposed the vote of thanks.

JIPMER Hindi Diwas/ Hindi Fortnight Celebrations 2024

Hindi Diwas or Fortnight Celebrations were celebrated from 14.09.2024 to 30.09.2024, and various competitions in Hindi were organised for the staff members.

As per the decision taken in the JIPMER Official Language Implementation Committee meeting held on 28.08.2024, intending to create awareness regarding the Official Language and its use in official work**, Hindi Day** was observed on 14-09-2024. The details of the programme and competitions are as follows:

Sl. No	Name of the Competition	Date	No.of Participants
1	Sundar Likhavat	17.09.2024	15 (1 Level)
2	Shrut Lekhan	18.09.2024	13 (2 Levels)

Sl. No	Name of the Competition	Date	No.of Participants
3	Match the Pair	19.09.2024	17 (1 Level)
4	Masouda Lekhan	19.09.2024	07 (1 Level)
5	Translation Competition	20.09.2024	06 (2 Levels)
6	Essay Writing Competition (Session I)	23.09.2024	17 (1 Level)
7	Essay Writing Competition (Session II)	24.09.2024	06 (1 Level)
8	Hindi Singing Competition	25.09.2024	19 (2 Levels)
9	Hindi Speech Competition	26.09.2024	12 (2 Levels)
10	Quiz Competition	30.09.2024	16 (1 Level)
11	Notings and Draftings	-	04 (1 Level)
	TOTAL		132

JIPMER Official Language Implementation Committee (JOLIC)

As per the schedule of Official Language Rules, the JIPMER Official Language Implementation Committee (JOLIC) holds its meetings regularly at quarterly intervals. It reviews the progress and proposes steps to be taken for further improvement in the implementation work in the Institute. To meet the requirements of the annual programme of the Official language of the Government of India, the computers in the Institute have Hindi software and the facility to work in bilingual form.

Hindi Teaching Scheme (HTS) At JIPMER

This Institute is designated as a centre for Hindi teaching under the Department of Official Language, Ministry of Home Affairs, Government of India, with its regional office of Hindi Teaching Scheme (HTS) at Chennai. This caters to the need for Hindi teaching for all employees of the Central Government Offices, Public Sector & autonomous bodies, Banks & Insurance Companies of Puducherry. This centre has a lecture theatre and a Hindi classroom with modern facilities for audio-visual aids for Hindi teaching. The position regarding training and the working knowledge of Hindi of the Officers and Staff working at various levels is maintained through a 'Training Roaster'.

The number of staff members who have already been trained up to the level of Prabodh/Praveen/Pragya/ Parangat courses, and who are yet to be trained in Hindi, has been sorted out. The administration nominates the staff members to be trained in coordination with the Hindi cell for each session of these courses. Incentives for acquiring working knowledge in Hindi, by passing the prescribed examinations, are sanctioned by respective administrative sections as per the eligibility of the candidates, following the norms prescribed by the Government of India.

Hindi Typing Training

As per the assurance given to the Parliamentary Committee, 11 LDCs are yet to be trained in Hindi Typewriting. Hindi Cell initiated the work to enrol them in the training programme of the Hindi Teaching Scheme, through the Department of Official Language, Ministry of Home Affairs, New Delhi (Correspondence Course). For the first time, JIPMER conducted Hindi Typewriting Examination at Puducherry. So far, 28 staff members have been trained in Hindi Typewriting

Hindi Training

For the Jan-May 2025 session, 23 staff members for the Prabodh course, 11 for the Praveen course, 02 for the Pragya Course, and 07 for the Parangat Course were nominated.

Hospital Infection Control and Prevention (HICP) Unit

Introduction

The Hospital Infection Control and Prevention unit (HICP) annual report provides an opportunity to highlight the infection prevention and control activities that have been put in place in the hospital throughout 2024-25.

The HICP has a multi-faceted role in preventing the transmission of disease, which includes surveillance of nosocomial infection and resistant organisms, prevention of infection and control of existing infection.

Hospital Infection Control Committee Structures

The Hospital Infection Control Committee is organized and run by the Medical Superintendent (MS), JIPMER. HICC is advisory to MS and HICP Unit; and makes its recommendations to the MS.

IPC Committee

1. Chairperson: Medical Superintendent (JIPMER)
2. Member Secretary: HOD Microbiology
3. Additional Medical Superintendent (JIPMER)
4. Hospital Infection Control Officer (HICO)
5. HODs of all clinical departments & HOD of Pathology
6. In-charges of
   - Super Specialty Block (SSB),
   - Emergency Medical Service (EMS)
   - Women and Child Hospital (WCH)
   - Regional Cancer Centre (RCC)
   - PMRC (Physical Medicine and Rehabilitation Centre)
7. Chief Nursing Officer
8. Nursing Superintendents
9. Deputy Nursing Superintendents
10. Hospital Infection Control Nurses (HICN)
11. Biomedical Waste Management In-charge
12. ART Clinic In-charge
13. CSSD (Central Sterile Supply Department) in-charge
14. Linen and Landry in-charge
15. Central store in-charge
16. Notifiable disease reporting- in charge
17. Engineer representative
18. Pharmacy in-charge
19. JQC Coordinator
20. Sanitary Superintendent

Staff Architecture

Officer I/C: Dr. Apurba Sankar Sastry, Hospital Infection control officer (HICO), Additional Professor, Dept. of Microbiology

Senior Resident -1 (Posted from Dept. of Microbiology)

Junior Resident-1 (Posted from Dept. of Microbiology)

Hospital Infection Control Nurses (HICN)- 10

Lab Technician- 1 (Posted from Dept. of Microbiology)

Data Entry Operator: 1

Krystal Staff :2

Meeting Frequency: Quarterly to half-yearly.

Surveillance Data

Healthcare Associated Infection (HAIs) surveillance was conducted in 20 different ICUs and the monthly surveillance report was regularly sent to the departments. The consolidated HAI surveillance report for the year April 2024 to March 2025 is given below.

Type of HAI	HAI Rate	Comparison to last year
VAE rate (per 1000 ventilator days)	7.8	8.5
CLABSI rate (per 1000 central line days)	13.4	11.2
CAUTI rate (per 1000 catheter days)	2.7	1.2
SSI rate (per 100 surgeries)	3.3	3.7

Hand Hygiene Compliance

Hand hygiene audit is conducted regularly in ICUs and other high-risk areas, and the report is sent to the departments monthly. The consolidated hand hygiene compliance report for the year April 2024 to March 2025 is given below.

Location	HHCAR	Location	HHCAR
NICU	86%	NEUROSURGERY ICU	63%
NEURO MEDICINE ICU	85%	SURGICAL GASTROENTEROLOGY ICU	62%
PICU	85%	UROLOGY ICU	61%
CTVS ICU	70%	PLASTIC SURGERY ICU	59%
RCC ICU	69%	TRAUMA CARE ICU (N. SX)	59%
PULMONARY MEDICINE (28 ICU)	66%	CCU (ICU 21)	57%
CLR	66%	OBG-ICU	51%
DIALYSIS ROOM	64%	MEDICAL GASTROENTEROLOGY ICU	50%

Location	HHCAR	Location	HHCAR
PAEDIATRIC SURGERY ICU	64%	DENTAL OPD	49%
CCU 2	63%	MICU	48%
SLR	63%	SICU	48%

Needle Stick and Sharps Injury (NSI)

HCWs acquiring NSI will report to the HICP unit or Emergency Microbiology Laboratory. Serological status of the source patient and the HCW will be checked and the need for post exposure prophylaxis (PEP) will be evaluated. PEP will be initiated if required and referred to ART clinic for further follow up.

NSI report for the year April 2024 to March 2025 is given below.

HCW Category	No. of NSI reported
Doctor	77
MBBS - intern	132
Nurses	70
Lab technicians	13
Nursing student	74
Krystal / DRL	59
TOTAL	**425**

Hepatitis B Vaccination Program for HCWS

A comprehensive immunization drive has been carried out to ensure all HCWs are protected against Hepatitis B. Vaccination status for the year April 2024 to March 2025 is given below.

- New vaccinations in the given period – 495
- Total vaccinations in the given period – 1342
- Vaccination completed in the given period – 408
- Number of HCWs with protective titers post vaccination in the given period – 98.19% (3/166)

Education and Training Initiatives

Education and training programs were conducted regularly to improve hand hygiene compliance and infection control practices. New staff orientation and Annual refresher classes on standard and transmission-based precautions were undertaken

- Session conducted – 37
- Staffs Trained - 792
- Topics covered: Hand Hygiene, PPE use, Environmental cleaning and Disinfection, Needle Stick Injury, Transmission based precautions

Water Surveillance

- Routine water surveillance is undertaken from CPWD sumps, dialysis unit, RHC and UHCs
- For areas with undesirable reports cleaning/ disinfection protocols were reviewed and reinforced.

Consolidated water surveillance report for the year April 2024 to March 2025 is given below

Total number of samples tested for water quality	490
Number of samples reported satisfactory	181
Number of samples reported unsatisfactory	309

Antimicrobial Stewardship Program(ASP)

Pathogen directed AMS audit is done regularly and appropriate antibiotic usage is reinforced.

2nd Advanced National Workshop on Antimicrobial stewardship was conducted by HICP unit and Department of Microbiology from 24th to 28th July 2024. Young microbiologists across the country were trained to implement and augment antimicrobial stewardship practices in their institutes.

Goals for 2025

- Introducing electronic tracking for infection control audits
- Achieve 95% hang hygiene compliance
- Maintain >95% Hepatitis B vaccination among HCWs.
- Achieve zero NSI incidents through better training and device use
- Launch patient education on infection prevention.

Hostels

Aschoff House Hostel

Introduction

Aschoff House is situated opposite the ID ward, JIPMER. The hostel has a total capacity of 40 double rooms & 9 triple rooms that have the potential to accommodate 107 students (girls).

Staff Architecture

Officer-In-Charge

Warden: Dr. Pampa. Ch.Toi, Professor of Patholog

Deputy Warden: Dr Mamtha Gowda, Associate Professor of Obstetrics & Gynaecology

List of Staff

1. K. Meenakshi (MTS)

Facilities/Services Offered

Hostel facilities are provided to B.Sc (Allied Medical Science) students (girls). The hostel rooms are spacious and well-ventilated. Designated cleaning staff comes on daily basis to clean the hostel. The Hostels have recreation facilities, sanitary facilities, washing machines and 24-hour supply of good drinking water. Security personnel are provided to each hostel. There is a mess in the hostel with a small dining hall. CPWD maintains the Aschoff House hostel.

Census of Activities in the Year 2024-25

Type of Rooms	Total No. of Rooms	Number of inmates	Vacant Rooms	Vacant Beds
Double Rooms	40	40 x 2 = 80	NIL	NIL
Triple Rooms	9	9 x 3 = 27	NIL	NIL
Total (107)	49	107	NIL	NIL

Blackwell House I & II

Introduction

Blackwell House I is situated in JIPMER campus, near Old Curie House and Blackwell II is in the New Hostel Complex, JIPMER. The two hostel buildings, Blackwell House I & II, have a total capacity of 160 single rooms.

Staff Architecture

Officer-In-Charge

1. Warden: Dr. Latha Chaturvedula, Professor of Obstetrics & Gynaecology
2. Deputy Warden: Dr. Reena Gulati, Professor of Paediatrics

List of Staff

1. Mrs. T. Radha (MTS)
2. Mrs. G. Jalastine Sofiya (MPW)

Facilities/Services Offered

Hostel facilities are provided to Resident doctors (Female). The hostel rooms are spacious and well-ventilated. Designated cleaning staff come daily to clean the hostel. The Hostels have recreation facilities, sanitary facilities, washing machines and 24-hour supply of good drinking water. Pantry and laundry rooms are also available in the hostels. Security personnel are provided to each hostel.

The hostel complex has a gym for Residents. Sports facilities for outdoor games such as Basketball, Volleyball & Badminton & Indoor facilities such as Table Tennis and Carrom are available in the complex. The complex has a common mess with a dining hall accommodating 1000 students. Blackwell House I is maintained by CPWD & Blackwell II is maintained by HLL.

Census of Activities in the Year 2024-2025

Blackwell House I Hostel

Type of Rooms	Total No. of Rooms	Vacant Rooms	Number of inmates
Single Rooms	62	2	60
Double Rooms	NIL	NIL	NIL
Total	62	2	60

Blackwell House II Hostel

Type of Rooms	Total No. of Rooms	Vacant Rooms	Number of inmates
Single Rooms	98	2 (Under Maintenance)	96
Double Rooms	NIL	NIL	NIL
Total	98	2	96

Curie House House I & II

Introduction

Curie House I&II are situated in the New Hostel Complex of JIPMER. The two hostels have a total capacity of 244 single rooms & 102 double rooms that have the potential to accommodate 448 students (girls).

Staff Architecture

Officer-In-Charge

1. Warden: Dr. Latha Chaturvedula, Professor of Obstetrics & Gynaecology
2. Deputy Warden: Dr. T. Chitra, Professor of Obstetrics & Gynaecology

List of Staff

1. S. Dhanalakshmi (DEO)
2. S.Thirumathy (Computer Operator)

Facilities/ Services offered

Hostel facilities are provided to MBBS, MSc, MPH, and PhD students and BSC (2021 batch only). The hostel rooms are spacious and well-ventilated. Designated cleaning staff come on a daily basis to clean the hostel. The Hostels have recreation facilities, sanitary facilities, washing machines, Refrigerators, induction stoves, kettles and a 24-hour supply of good drinking water. Pantry, laundry, and ironing rooms are also available in the hostels. Security personnel are provided to each hostel. For recreation, the hostels are equipped with WiFi services.

The hostel complex also has a gym for students. Sports facilities for both indoor (Table tennis, Carrom) and outdoor games such as Basketball, Tennis & Badminton, are available in the complex. The complex has a Common mess with a dining hall to accommodate 1000 persons. Curie House I & II are maintained by HLL.

Census of Activities in the Year 2024-25

Curie House I Hostel

Type of Rooms	Total No. of Rooms	Vacant Rooms	Number of inmates
Single Rooms	121	0	121
Double Rooms	102 x 2 = 204	121	83
Total	325	121	204

Curie House II Hostel

Type of Rooms	Total No. of Rooms	Vacant Rooms	Number of inmates
Single Rooms	123	NIL	123
Double Rooms	NIL	NIL	NIL
Total	123	NIL	123

Harvey House I, II, III

Introduction

Harvey House Hostel I (old) is situated in the JIPMER campus opposite the Director's Bungalow. It has a total capacity of 200 single rooms that have the potential to accommodate 200 MBBS Interns, M.Sc., M.Phil and Junior Residents (boys).

The Harvey House II and III hostels cater to male MBBS students, PhD scholars and male or female Junior and Senior residents.

Facilities/ Services Offered

Harvey House Hostel rooms are spacious and well-ventilated. The Hostels have study hall facilities, sanitary facilities, a 24-hour supply of good drinking water, and 24-hour hot water in each bathroom. Security personnel are provided at the hostel.

New Facilities/Services/Events in the Year 2025-26

Process for procurement for Wi- Fi system.

Harvey House I

Staff Architecture

Officer-In-Charge

1. Warden: Dr. Channaveerappa Bammigatti, Professor of Medicine

2. Deputy warden: Dr. Amith Kumar Deb, Associate Professor of Ophthalmology

List of Staff

R. Nandagopal, JAA.

Census of Activities in the Year 2024-25

Type of Rooms	Total No. of Rooms	Number of inmates staying as on date
Single Rooms	200	172

Other facilities that are available include C-Net, a salon shop, an ironing shop, and a TV hall available on Harvey-1, on the ground floor. Separate Car parking and two-wheeler parking is also available. There is a mess with a dining hall to accommodate 172 persons. CPWD maintains Harvey House Hostel - I (old).

Harvey House II

Staff Architecture

Officer-In-Charge

1. Warden: Dr. Ravi Philip Rajkumar, Professor, Psychiatry
2. Deputy Warden: Dr. Sheetanshu Kumar, Assistant Professor, Dermatology & STD

List of staff

K Murali, MTS

Census of Activities in the Year 2024-25

No of single (seater) rooms	137
Cyber Café & Reading room	1
Entertainment (TV) room	1
Recreation Hall	2
Warden room	1
Office room	1
Visitor room	1
Laundry (Dhobi private) room	1
Washing Machine room (105)	1
Barber room	Nil
Pantry room	5
Misc. room's	12
Recreation Hall	2

Room Occupation Status

No of Inmates (Single seater room)	137
No of occupancy (Inmate)	121
No of vacancy	16

Harvey House III

Staff Architecture

Officer-In-Charge

1. Warden: Dr. Nandhesha, Professor, Biochemistry
2. Deputy Warden: Dr. Vinod Ravi Choudary, Additional Professor, Forensic Medicine

List of staff

K Murali, MTS

Census of Activities in the Year 2024-25

No of Double seater room	60
Recreation room	3
Washing Machine room	1
Office room	1

Room Occupation Status

No of Inmates (Double seater in 60 rooms)	120
No of occupancy (Inmates)	102
No of vacancy	18

Nightingale House

Introduction

The Nursing students' Hostel for Girls has been named "NIGHTINGALE HOUSE", a four-level building with 44,514 sq ft, located within the JIPMER campus and just in front of the College of Nursing. The hostel has triple and single rooms, with 73 single rooms and 74 triple rooms, respectively. The hostel's ambience is conducive to pleasant learning and peaceful living within the campus.

The hostel provides excellent living rooms, reading rooms, recreation (indoor & outdoor) facilities, sanitary facilities and a good water supply for 24 hours. The hostel has adequate bathroom and toilet facilities. The Food for the hostel inmates is catered by the Common Mess (Hostel Complex) and Harvey Mess inside the JIPMER

campus. The hostel has a hygienic kitchen and dining hall with 100 seating capacity. Hostel maintenance work is done by HLL, JIPMER.

Name	Designation
Dr. M.J. Kumari	Professor cum Principal (Ag.) and Vice Principal, College of Nursing, JIPMER,
Mrs. P. Aruna	Tutor & Warden
Mrs. K. Muthulakshmi	Tutor & Deputy Warden
Mrs. R. Usha	Data Entry Operator
Securities & Housekeeping Staff	Lady Security: 3 Nos. Female Housekeeping Staff– 4 Nos.(Krystal) Laundry Operator – 1 No (Krystal)

Census of Activities in the Year 2024-2025

The hostel facilities are provided to both BSc and MSc Nursing Students. The total number of inmates in Nightingale House as of 31 March 2025

Sl. No.	Inmates	Nos.
1	B.Sc. Nursing I year	55
2	B.Sc. Nursing II year	68
3	B.Sc. Nursing III year	67
4	B.Sc. Nursing IV year	70
6	M.Sc. Nursing II year	22
	Total	**282**

Achievements/Significant Events During the Year

Most of the students' requirements are immediately fulfilled, like purchasing new washing machines for the hostel, refrigerators, water coolers, etc. Digitalisation of room allotment and payment of fees has been initiated for students for the past three years. Students can register their complaints, and they will be rectified as early as possible. An email ID is created for their welfare. A welfare committee meeting is held once in 3 months in our hostel, and the warden rectifies students' queries immediately.

IT Wing

Introduction

The following are Units/Sections of the IT Wing

1. HIS Unit
   i. Software Section
   ii. Electronic Medical Record (EMR) Section
   iii. Radiology Information System (RIS/PACS) Section
   iv. GEM/Purchase Section
   v. Laboratory Information System (LIS) Section
   vi. Networking, Wi-Fi & Server Section
2. AIS Unit
3. Telemedicine Unit
4. TV Studio, Internet Radio & Digital Signage Unit
5. Website Unit
6. E-Office Section

Staff Architecture

Officer-In-Charge

Head of IT Wing: Dr Ravi Kumar Chittoria

Officer In-Charge of Website Unit: Dr. Vikas Menon, Professor, Department of Psychiatry

Officer In-Charge of Telemedicine Unit & Dr Ravi Kumar Chittoria

Officer In-Charge of HIS Unit: Dr Kalayarasan R

Officer In-Charge of AIS Unit & Deputy Officer-in-Charge of HIS: Dr Kanagarathinam

Officer In-Charge of TV Studio Unit: Dr Mahalakshmi T

Officer-In-Charge of Software Section: Dr Raja Selvaraj

Officer-In-Charge of Electronic Medical Record (EMR) Section: Dr Pradeep Nair

Officer-In-Charge of Radiology Information System (RIS/PACS) Section: Dr Deepak Bharathi

Officer-In-Charge of Laboratory Information System (LIS) Section: Dr Rajesh N G

Officer-In-Charge of E-Office Section: Dr Jagadesan P

List of staff

Sl.No	Name	Designation	Unit/Section
1	N Pradap Kumar (On Deputation)	Computer Programmer	AIS/HIS Unit
2	Sivarajan N (On Deputation)	Computer Data Processor	AIS/HIS Unit
3	G Sathish	Data Processing Assistant Grade-A	AIS/HIS Unit
4	N Nithiya	Data Processing Assistant Grade-A	AIS/HIS Unit
5	R S Prasanth	Data Processing Assistant Grade-A	AIS/HIS Unit
6	G Gunavathi,	JAA	IT Wing Office
7	Subasankar. K	Projectionist Cum Mechanic	AIS/HIS Unit
8	V. Kanagaraj	Security Guard (MTS)	AIS/HIS Unit
9	Soundaravadivelou S	Sr. Medical Photographer	TV Studio

Facilities / Services offered

The following services are provided by the IT Wing & its Unit/Sections

HIS Unit

The following services are provided by this unit/section:

Software Section

This section manages the software requirements of the institute on a case-by-case basis.

Electronic Medical Record (EMR) Section

The EMR (electronic medical record) section of the HIS caters to online services for the medical management of patients. This includes facilities to record and print OP visit details, prescribe medications online, generate online requests for investigations, integrate PACS with HIS for viewing PACS images, and facilities for viewing investigation reports, among others. All these facilities are also extended to admitted patients, with an additional option to create discharge summaries, view previous records, prepare E-mortality forms, and more.

Radiology Information System (RIS/PACS) Section

This section provides online radiology images for viewing & reporting of patients.

GEM/Purchase Section

This section manages purchases of IT hardware, software & consumables for various departments in JIPMER.

Laboratory Management Information System (LMIS) Section

This section provides online lab reports that can be viewed by patients outside JIPMER.

Networking, Wi-Fi & Server Unit

This unit provides networking & Wi-Fi (NKN) support and server management in JIPMER.

National Digital Health Mission (NDHM) Registration Unit

This unit provides NDHM registration for all doctors in JIPMER.

AIS Unit

JIPMER has a dedicated in-house IT team committed to addressing the administrative needs of the institution. AIS has developed a range of online portals that are actively maintained to serve the requirements of employees. The internal website designed by the AIS section serves as a central hub for announcements, circulars, and employee-related forms. The e-Admin Portal includes modules such as e-Leave, Bag Allowance, Child Education Allowance, Payslips and DRL Coolie generation and payment. The AIS team also manages the Wi-Fi MAC address database and plays a key role in the JIPMER Staff Nurse Management System. The EMS OT Stock Balance application is maintained to ensure accurate inventory tracking. They also handle creating, maintaining, and updating HIS SMS templates, essential for communication workflows. Support for medical records processing is provided through the MRD Data Collection Module, which is regularly maintained. The No Dues application has been developed, enhanced, and maintained to streamline clearance procedures. Additionally, the Medico-Legal Report application is currently under development. In the area of payroll management, the team oversees:

- Monthly onboarding of new employees
- Pay processing and payslip distribution via email

- Departmental bill group reorganisation
- Processing of allowances such as DA, uniform allowance, CGEIS, and professional tax
- Bulk updates and user account management
- Web and database server maintenance

The AIS team is also responsible for the JIPMER Guest House management system and all aforementioned applications. Beyond in-house development, the team supports the Hospital Information Management System (HIMS) by implementing robust backup solutions. Continuous and redundant backups are maintained for the following critical infrastructure:

- HIS Database and Application Servers
- AIS Database Server
- Web Server (System files, databases, and source code)
- SFacts Server (Database and source code)

The AIS Unit also manages ID cards for all categories of staff at JIPMER.

Moreover, the IT Wing hosts guest faculty members who teach computer science and technology-related subjects to undergraduates as part of the regular or foundation course curriculum.

E-Office Unit

This unit manages online file tracking & management.

Telemedicine Unit

The following are the activities performed in the Telemedicine Unit:

Sl. No	Telemedicine Activities
1	Telemedicine Follow-up Clinic
2	Tele-Patient-Attendant Interaction/ Tele-Barrier Nursing
3	Tele-OPD
4	Tele-Ward
5	Tele-ICU
6	Tele-Surgery
7	Tele-Emergency
8	Tele-Drug Distribution
9	Tele-Drone
10	Tele-Monitoring
11	Tele-Recording
12	Tele-Health Camps
13	Tele-Evidence
14	Tele-Virtual
15	Tele-Gastro
16	Tele-Psychiatry (Tele-Manas)
17	Tele-Oncology
18	Tele-Nephrology
19	Tele-Dermatology
20	Tele-IT Helpline (24X7)
21	Tele-Gynecology
22	Tele-Cardiology
23	e-Sanjeevani
24	Tele-Medical Education
25	Learning Management Information System (LMIS)
26	Live Telecast
27	Tele-Administration
28	Tele-Research
29	Tele-CTVS
30	Tele-Plastic Surgery
31	Hospital Management Information System (HMIS)
32	Tele-Radiology (CollabDDS & PACS)
33	e-Learning Centre
34	Campus Digitalization
35	Redcap
36	Digital Library
37	e-Classroom
38	Medical Virtual Class Room
39	GIGW Website
40	TV Studio
41	Internet Radio
42	Digital Display System
43	Simulations
44	Digital Histology
45	Skill Lab
46	Internet Radio App
47	Spot Eye App
48	Telemedicine Kiosk

Sl. No	Telemedicine Activities
49	Tele-Ophthalmology
50	National Health Portal Kiosk
51	Patient Navigation App
52	Tele-Ambulance
53	National Knowledge Network (NKN)
54	BIMSTEC Network
55	APAN Network
56	Morocco Network
57	ISRO Network
58	Tele-Dial
59	Online Registration System (ORS)
60	Mera Aspataal
61	Tele-Digital Auscultation
62	BurnAid App
63	Videoconferencing Sessions between JIPMER & institutions in & outside India.

Website Unit

JIPMER website is a GIGW-based website maintained by the NICSI empanelled agency. The following are the key Activities:

Website Review Meetings

A total of 9 review meetings were held between April 2024 and March 2025 with departmental nodal officers for content validation and improvement. Monthly meetings facilitated one-on-one feedback and support for individual departmental pages.

Executive Member Discussions

Frequent discussions among the Website Committee's executive members were held to deliberate on website aesthetics, user experience, and content standards.

Direct Coordination with Departments

Each department's nodal coordinator was engaged directly during monthly meetings to streamline and homogenise content presentation across the website.

Social Media and Digital Outreach

Regular updates were made on Facebook, Twitter, and YouTube, including live events to enhance public engagement and transparency.

Facebook Link: https://www.facebook.com/jipmerofficia

Twitter Link (X): https://x.com/OfficialJipmer

YouTube Link: https://www.youtube.com/@JIPMEROFFICIALVIDEO

TV Studio, Internet Radio & Digital Signage Unit

This unit records both video & audio, both indoor & outdoor & displays them in JIPMER display systems for patients & public about various activities & programmes of JIPMER.

New facilities/Services/Events in the Year 2024-25

1. The following new developments were made related to EMR

   Over the period, some of the new developments include the creation of a single window for clinicians "Doctors' desk" where he/ she can access OPD/IPD/ teleconsultation/cross consultation worklist about the corresponding department and service adding an option to generate templates for clinical data entry customization of dispensing module customization of the discharge summary, development of a cross consultation module, option to access diabetic and neurology module to general module, partial integration of PACS with HIS, Automatic SMS to transplant coordinator in case of mortality for facilitation of organ transplant program.

2. The following new developments were made in AIS.

   Recent updates were made to the Bag Allowance and Child Education Allowance modules to incorporate new policy changes. EPF deductions have also been integrated into the existing DRL Coolie module. Online requests for staff quarters were introduced last year to streamline processes, reducing the administrative burden on the Estate Section and enhancing the applicant experience. For the first time, the online application process for B.Sc. courses was fully managed in-house, replacing the

   Previously outsourced model. To support academic administration, software was developed for academic mark list preparation and result generation. The e-Mortality application has been updated to comply with ICMR guidelines, incorporating validations and enhancements to ensure research data quality and reduce user input errors. A new module for exporting state-level statistics was added to the e-Confinement application. The JIPMER Night Shelter software was introduced to automate visitor registration. This includes token printing and digital visitor logs, eliminating the need for physical token issuance and manual record keeping. The team also developed a comprehensive Fleet Management System, enabling vehicle booking requests, tracking trip details and expenses, and issuing automated email notifications to employees about their booking status. Further developments were made:

i. *OPD Schedule Integration*

The OPD schedule was made accessible online, providing relevant and timely information for both patients and staff.

ii. *Improved Navigation*

Footer navigation was reorganised for easier user access, categorising information for students, faculty, and the public.

iii. Hospital Statistics Dashboard

Real-time display of JIPMER Hospital statistics was introduced on the website, showcasing key daily indicators such as:

- Total OPD Attendance
- Total Occupied Inpatient Beds
- Newborn Admissions
- Total Investigations
- Radiology Investigations

This transparent presentation enhances public awareness and helps in data-driven planning and service delivery.

iv. Page-wise Improvements

Standardisation of layout, fonts, and design elements across departmental and section pages for a consistent user experience.

3. The following are the new developments done in the Telemedicine Unit:

JIPMER started JIPMER Tele-Medical Drone Service between JIPMER & CHC-Mannadipet & CHC-Karikalampakkam.

Census of Activities in the Year 2024-25

HIS Unit (Software Section)

The following online applications/software were completed/ongoing:

Statistics for the Year 2024-25	
1	DRL Payroll software
2	Online Condemnation system
3	File Tracking System
4	Pay fixation on MACP
5	Children Education Allowance Processing System
6	WCH OG non consumable stock balance application
7	Staff nurse management system application
8	Maintenance of EMS Operation Theatre stock balance
9	HIS SMS template creation and update
10	Fixing issues on Pay Roll related to masking of personal Information on pay slip, opening balance, book mapping, etc.

E-Office Section

The E-office (eFile) version with 1000 users was subscribed from NICSI. The project is implemented by RailTel.

	Statistics for the Year 2024-25	
1	Total number of Organisations units created (sections, units, offices, etc)	178
2	Total number of users created for JIPMER Puducherry	550
3	Total number of users created for JIPMER Karaikal	49
4	Total number of users created for JIPMER Yanam	3
5	Total number of receipts created for JIPMER Puducherry (letters, circulars, memorandum, etc)	56155
6	Total number of receipts created for JIPMER Karaikal (letters, circulars, memorandum, etc)	5071
7	Total number of receipts created for JIPMER Yanam (letters, circulars, memorandum, etc)	64
8	Total number of files created	6211
9	Total number of DSCs for all signing authorities procured	27
10	Total number of Training for users of Admin sections	74

HIS Unit (GEM/Purchase Section)

The following are the Hardware procurements done by IT WING through the GEM Portal for the financial year 2024-25.

Sl. No	Details of Hardware	Purchased for	Quantity Purchased	Cost of the procurement
1	High speed document scanner	E-office implementation	20	499800
2	Laser Printer	Wards/OPDS/Departme nts/ICUs	25	269335
3	Multifunction printer(A3 Size)	Academic Section	2	392000
4	4G LTE Modem	College of Nursing	5	18375
5	Multifunction printer(A3 Size)	NPS Section	1	196000
6	Inkjet Printers	Wards/OPDS/Departme nts/ICUs	20	220000
7	Barcode labels	Wards/OPDS/Departme nts/ICUs	1500 Rolls	180540
8	Multifunction printer(A3 Size)	Insurance Wing	1	239990
9	Multifunction printer(A3 Size)		1	149899
10	Heavy Duty Keyboards	MRD	10	23889
11	Multifunction printer(A3 Size)	Audit Coordination Wing	1	196000
12	Laptops	UHC/RHC/BIOMEDICAL WASTE MANAGEMENT	4	203805
13	Thermal Printers	Night Shelters	3	41760
14	barcode labels	Wards/OPDS/Departme nts/ICUs	7200 Rolls	734040
15	High speed document scanner	E-office implementation	40	990000
16	Multifunction printer(A3 Size)	Purchase Section	1	196000
17	All in One PCs	Wards/OPDS/Departments/ Sections	200	13997600
18	All in One PCs	Wards/OPDS/Departments/ Sections	199	13927612
19	Multifunction printer(A3 Size)	office of the SFA	1	196000
20	Multifunction printer(A3 Size)	Pay bills(GAZETTED & NON GAZETTED)	2	918000
21	Desktop Computers	JIPMER YANAM	13	909298
22	Electronic Lectern (Podium)	Academic Section	1	222450
23	LED TV	DDA CHAMBER	1	33117
24	Inkjet Printers	JIPMER YANAM	9	145800
25	Colour Multifunction Printer	Director Chamber and Camp Office	2	97800
26	Laptops	Office of the Dean Research (office)	2	129600
27	Workstation	Dean Academic	2	233000
28	Colour Multifunction Printer	Dean Academic	1	48900

Sl. No	Details of Hardware	Purchased for	Quantity Purchased	Cost of the procurement
29	Multifunction Printers	All the Hostels	11	176000
30	High speed document scanner	E-office implementation	40	988001
31	Display Interactive Panel with CPU	Various Departments	6	849600
32	Electronic Lectern (Smart Podium)	For Major Auditoriums	3	999840
33	Flat Bed scanner	IT WING	1	22346
34	Barcode Printers	Wards/OPDS/ICUs	109	993862
35	LED TV	Wards/OPDS/Departments	15	957750
36	Barcode Printers	Wards/OPDS/Departme nts/ICUs	60	999600
37	Multifunction printer(A4 Size)	Departments/Sections	34	999600
38	Multimedia Projector	For Major Auditoriums	2	764160
39	All in One PCs	Wards/OPDS/Departments	12	980770
40	Desktop Computers	Wards/OPDS/Departments	11	958650
41	Tablet Computers	Wards/OPDS/Departme nts/ICUs	48	989929
42	High speed document scanner	Examination Wing	4	98800
43	Colour Multifunction Printer	SFA CHAMBER	1	48900
44	Multifunction printer(A3 Size)	Pension Cell	1	196000
45	Laptops	CCU and DDA chamber	7	659112
46	Inkjet Printers	Wards/OPDS/Departme nts/ICUs	62	962168
			Total	**48055698**

HIS Unit (Electronic Medical Record Section (EMR))

Statistics for the Year 2024-25		
1	Total number of OPD registration through H.I.S.	14,61,741
2	Total number of Online Requests (Teleconsultation) through H.I.S.	3,46,459
3	Total number of IPD registration (Discharge Summary) through H.I.S.	81,199
4	Total number of e-Mortality Generated	3699
5	Total number of e-Prescription Generated	77,0305

HIS Unit (Radiology Information System (RIS/ PACS) Section)

Statistics for the Year 2024-25		
1	Total number of CR/X-Ray Images uploaded on PACS	81300
2	Total number of CT Images uploaded on PACS	44240
3	Total number of Mammogram Images uploaded on PACS	4133
4	Total number of MRI Images uploaded on PACS	16495
5	Total number of Ultra Sound Images uploaded on PACS	50206
6	Total number of RF Fluro Scopy Images uploaded on PACS	2851
7	Total number of Angio images uploaded on PACS	309

HIS Unit (Laboratory Information System (LIS) Section)

Statistics for the Year 2024-25		
1	Total number of Laboratory Investigation raised through H.I.S.	58,49,242

HIS Unit (Networking, Wi-Fi & Server Section)

Statistics for the Year 2024-25		
1	Total number of Wi-Fi MAC IDs Registered through H.I.S.	2200

Website Unit

Statistics for the Year 2024-25		
1	Total number of jipmer.ac.in Email Access granted	230
2	Total number of jipmer.edu.in Email Access granted	118

AIS Unit

Statistics for the Year 2024-25		
1	Total number of ID Card issued	2910
2	Total number of No Dues issued	1345
3	Children Education Allowance issued	1359

Telemedicine Unit

Activities

Sl. No	Telemedicine Activities	Number
1	Tele-Plastic Surgery Service *(Telemedicine Follow-up Clinic Consultations)*	1920
2	Tele-Plastic Surgery Service *(Tele-Patient-Attendant Interaction/ Tele-Barrier Nursing)*	360
3	Tele-Plastic Surgery Service *(Tele-OPD Consultations)*	96
4	Tele-Plastic Surgery Service *(Tele-Ward Consultations)*	80
5	Tele-Plastic Surgery Service *(Tele-ICU Consultations)*	40
6	Tele-Plastic Surgery Service *(Tele-Surgery Consultations)*	84
7	Tele-Plastic Surgery Service *(Tele-Emergency Consultations)*	12
8	Plastic Surgery Service *(Tele-Drug Distribution)*	10
9	Plastic Surgery Service *(Tele-Medical Nano Drone Monitoring)*	2
10	Tele-Plastic Surgery Service *(Tele-Monitoring of ICU & Burn Patients)*	720
11	Plastic Surgery Service *(Tele-Recording of Surgeries)*	7
12	Plastic Surgery Service *(Tele-Health Camps Service)*	2
13	Plastic Surgery Service *(Tele-Evidence Service)*	2
14	Plastic Surgery Service *(Tele-Virtual Planning)*	2
15	Tele-Surgical Gastroenterology Service	2
16	Tele-Psychiatry *(Tele-Manas Consultations)*	10000
17	Tele-Surgical Oncology Consultation Service	14
18	Tele-Nephrology Service	3
19	Tele-Dermatology Service	390
20	Tele-IT Wing Helpline Service	2560
21	Tele-Obs-Gynae Online Mortality Meeting	7
22	Tele-Cardiology Consultation Service	48
23	PSM Tele-Dermatology Tele-Emergency e-Sanjeevani OPD	 20 32 15
24	Tele-Education (Live Telecast/ Videoconferencing of various Scientific Sessions including Lectures/ Webinars/ CMEs/ Conferences/Workshops/Guest Lectures/Symposiums/Seminars, etc)	36
25	Learning Management Information System (LMIS) activities	912
26	Live Telecast of Programs	9

Sl. No	Telemedicine Activities	Number
27	Online Administrative/Research Meetings	110
28	Tele-CTVS (Tele-Anticoagulation Clinic)	250
	Total	**17745**

TV Studio, Internet Radio & Digital Signage Unit

TV Studio

Statistics for the Year 2024-25		
1	Total Number of Outdoor Recordings	129
2	Total Number of Indoor Studio Recordings	28
	Total	157

Internet Radio

Statistics for the Year 2024-25		
1	Outdoor Broadcast	61
2	Indoor Recording	22
3	Special Day & Events Recording	6
4	Doctors & Experts' Interview recording	13
5	Faculty & Student Project Recording	4
6	Health Related Promos Recording	3
7	ICMR Project Recording	4
	Total	93

Digital Display/Signage System

Statistics for the Year 2024-25		
1	Health Education	160
2	WHO	75
3	Cartoons	100
4	Slide Shows	101
5	Crawls	80
	Total	493

Laundry Section

Introduction

Laundry services are crucial for maintaining a hygienic environment in the hospital. The laundry service is responsible for a constant supply of clean linen to all users. The basic tasks include collecting soiled linen, washing, extracting, drying, folding, and distributing clean linen to the respective clinical areas.

The term "hospital linen" includes all textiles used in a hospital, including bed sheets, pillow covers, draw sheets, patient uniforms, gowns, towels, curtains, blankets, OT linen items, etc. **"Dirty linen"** is used to describe patient linen that is not visibly soiled with blood or blood-tinged body secretions, whereas **"Soiled linen"** is all linen which is contaminated with excreta, blood, or body fluids. Both of these linens can be a source of microbial contamination in the hospital.

Department of Laundry, JIPMER has been offering dependable, on-time and cost-effective laundry service to our institution for the past 60 years. With all these years of experience, we have optimised our Laundry to provide reliable performance with the available resources. We are committed to providing a quality laundry service to our institution.

Staff Architecture

Officer-In-Charge: Dr. Nair Santoshkumar Tangappan, Chief Medical Officer

List of staff

Sl. No.	Name of the Employee	Designation
1	Mr. T. Muthukumar	Supervisor Laundry
2	Mr. R. Perumal Raja	
3	Mr. Kanaga Thirumeny	Store- Keeper
4	Mr. Deenadayalan	Boiler Operator
5	Mr. Vedamudhalvan	
6	Mr. Ravichandran	Laundry Operator
7	Mr. Varadhan	
8	Mr. Vasanth	
9	Mr. G. Mouniammale	
10	Mr. Dinesh Kumar	MTS
11	Mr. Ajeet Kumar	

Facilities / Services Offered

The Laundry Department is well-equipped with various machines to ensure efficient and hygienic hospital linen processing. The Washing Area comprises fully automatic Washer-Extractors with varying capacities, along with semi-automatic machines.

The list of equipment available in the Laundry is given below.

Sl. No.	Name of the Equipments	Capacity	No. of Machines
1.	Washing machine	100 kg	02
2.	Washer extractor	120 Kg	05
3.	Washer Extractor	60 Kg	01
4.	Washer Extractor	30 Kg	02
5.	Hydro Extractor	50 Kg	03
6.	Drying Tumbler	120 Kg	01
7.	Drying tumbler	50 Kg	03
8.	Drying Chamber	160 Bedsheet/hr.	01
9.	Steam Boiler	2 ton	01
10.	Steam Boiler	0.5 ton	02
11.	Sewing machine (with motor)		02

Census of Activities in the Year 2024-25

Statistics for the Year 2023-24	
Approx. linen items processed during the year (in numbers)	
No. of OT linen pieces	11,66,048
No. of Ward linen pieces	2,43,620
No. of ICU linen pieces	5,80,372
No. of OPD linen pieces	14,772
No. of CSSD linen pieces	1,48,824
Total	21,53,636
Average Linen processed per day (in Kg)	
Average Linen processed per day in Laundry (all OTs, Wards and ICUs)	3000 Kg.
Others	
Petty cash used for the year Apr 2024- Mar 2025 through Imprest	Rs. 57,484.72/-
Diesel procurement (in Litres)	51,741 Lt
Amount spent for machine maintenance	Rs. 4,72,238/-

Linen Section

Introduction

The Linen Section manages JIPMER's entire linen requirement. The section functions from the Central Stores building (one office room, two tailoring rooms on the Ground Floor, and two storerooms on the First Floor).

We procure unstitched linen items (primarily from Khadi Sarvodaya Sanghs) and stitching materials locally. The unstitched linen are then tailored into 30-plus essential items, such as Faculty/staff aprons, OT towels, OT gowns, OT vests, OT pyjamas, patient gowns, etc. We also procure ready-made items needed in the hospital, such as bedsheets, patient sarees, patient dhotis, etc.

We maintain adequate stock levels and distribute to all departments via PANACEA-tracked indents. In 2024-25, we have issued around 1,09,000 meters of stitched linen and around 11,200 readymade items to JIPMER during 2024-25. Our infrastructure and workflows are designed to facilitate uninterrupted patient care services.

Staff Architecture

Officer-In-Charge: Dr. Nair Santoshkumar Tangappan, Chief Medical Officer

List of regular staff in the Section:

Sl. No.	Name of the Employee	Designation
1	Dilin D	Storekeeper
2	Ganesan S	Senior Tailor
3	Kumaresan R	Tailor (Junior)
4	Ramprasath D	
5	Ramachandra K	
6	Tamijevel N	Trainee

Census of Activities in the Year 2024-25

Statistics for the Year 2024-25	
Linen Procurement (major items)	Unstitched linen - 93,699 meters Bedsheets - 4196 Nos Patient sarees - 500 Nos
Stitching Output	Stitched around 99,000 meters of linen (including abdominal pad stitching)

Statistics for the Year 2024-25	
Linen Issued	Stitched linen - Around 1,09,000 Meters Bedsheets - 10,079 Nos Patient sarees - 840 Nos Patient Dhoti - 239 Nos Woollen Blanket - 113 Nos

Department of Pharmacy

Introduction

The Pharmacy department is a major ancillary department at JIPMER. The department procures nearly 800 drugs (Tablets, Injections, IV fluids, Narcotic drugs, Surgical dressings, Disinfectants, Medical gases and Chemicals) through an open tender process, and distributes them to the various OPD Pharmacy outlets, SSB Sub-store, wards, ICUs, OT's, Health camp JIPMER-Karaikal, JIPMER-Yanam and periphery units like UHC and RHC. The annual budget was 40,00,00,000 for the 2024-25 financial year. In the beginning, pharmacies started to provide their services with one outpatient pharmacy and one pharmacy store. But, today, its services are expanded to more than 15 units including outpatient pharmacy, staff and students Health clinic pharmacy (SSHC), Super Speciality Block (SSB), 1st Floor SSB Pharmacy, Regional Cancer Centre Pharmacy, EMS Pharmacy, Women and Children Hospital Pharmacy (WCH), Screening OPD Pharmacy, Pharmacy Office, 7 pharmacy stores and Drug Analysis Lab etc. SSB Pharmacy has been relocated to the renovated Old MRD, and the 1st Floor SSB Pharmacy has been shifted to the ground floor of SSB.

The pharmacy department facilitates the continual availability of essential medicines at a reasonable cost and minimises the expiry and wastage of drugs. It also provides specialised services, including the compounding of extemporaneous preparations and drug information, pharmaceutical counselling, and collecting data to promote rational drug use.

Staff Architecture

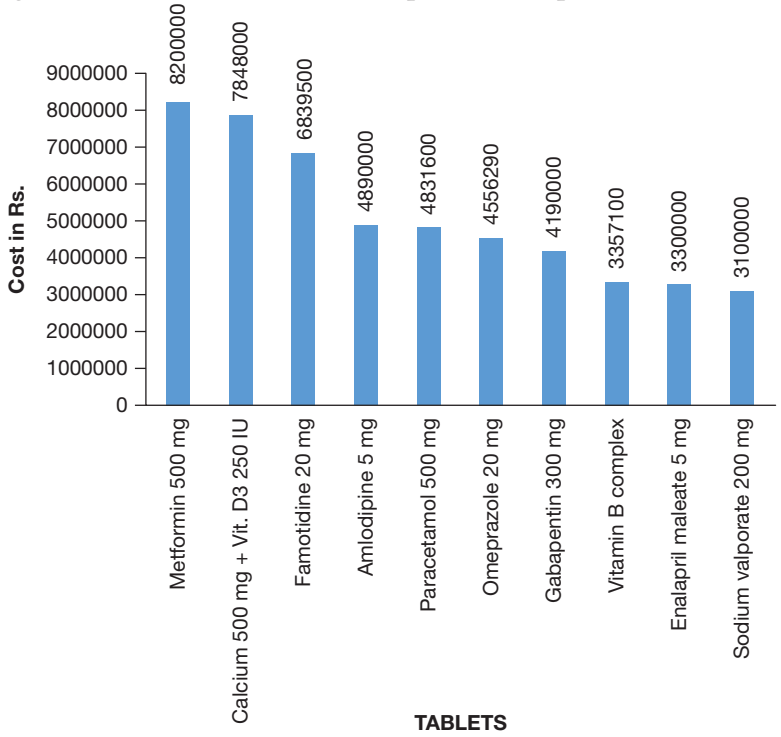
S.No	Nomenclature of Post	Clinical Pharmacist	Chief Pharmacist	Senior Pharmacists	Pharmacological Analysts	Pharmacists	Contract Pharmacists	Storekeeper	JAA	MTS	DEO	COOLIES (DRL / Krystal)	House Keeping Staff UDS
1	Pharmacy Office	1	1	1			1		1		3	2	1
2	Analytical Laboratory				2							1	
3	Tablet Stores			1		2						3	
4	Injection Stores &		1		3						3		
5	IV Fluids & Medical Gas Stores		1		1						3		
6	Disinfectant Stores & Surgical			1		1						3	
7	Chemical Store & Preparation Pharmacy		1								1		

S.No	Nomenclature of Post	Clinical Pharmacist	Chief Pharmacist	Senior Pharmacists	Pharmacological Analysts	Pharmacists	Contract Pharmacists	Storekeeper	JAA	MTS	DEO	COOLIES (DRL / Krystal)	House Keeping Staff UDS
8	RCC Pharmacy			1		3						1	
9	WCH Pharmacy			1		3						1	
10	SSB Pharmacy, Pharmacy-I				3	1			1		1		
11	SSB-MRD pharmacy			1		10	5					4	
11	OPD Pharmacy			1		7	5			1		3	
12	SSHC Pharmacy/Screening OPD			1		2						1	
14	UHC/RHC					4							
	Total	1	1	11	2	39	12	-	1	2	3	27	1

Tablet Store

About 300 drugs are stocked in tablet stores. (One senior pharmacist and two pharmacists are posted along with three helpers.) The average number of indents issued per week is 140. The drugs are issued to different wards and pharmacies weekly. The purchase proposals, which are prepared based on the monthly consumption, are sent to the pharmacy office to prepare supply orders and then to the purchase section. Non-availability certificates are issued to the staff and students for the unavailable drugs. Inventory control and receipt of drugs as per the supply orders are monitored. If any quality or quantity issue is noticed, it is brought to the notice of the OIC of the Pharmacy and Drug Analysis Lab for further action.

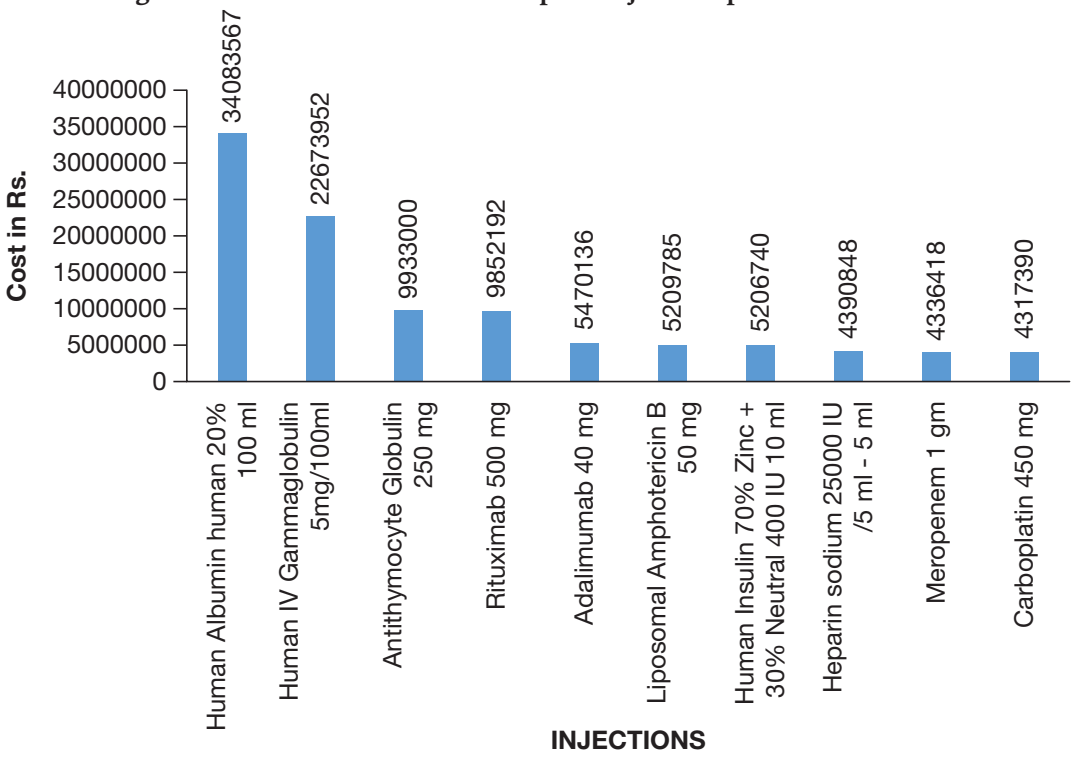
Figure I: Procurement cost of the top ten tablets procured in 2024-25



Injection Store

About 320 injections are available in the injection store. (One Senior Pharmacist, three Pharmacists, and three helpers are posted in the injection stores). The average number of indents issued per week is 400. Injections are issued to different wards, operation theatres and emergency medical services daily on an emergency basis. Non-availability certificates are issued to the SSHC beneficiaries. Inventory control and receipt of drugs as per the supply orders are monitored. If any quality or quantity issue is noticed, it is brought to the notice of the OIC of the Pharmacy and Drug Analysis Lab for further action.

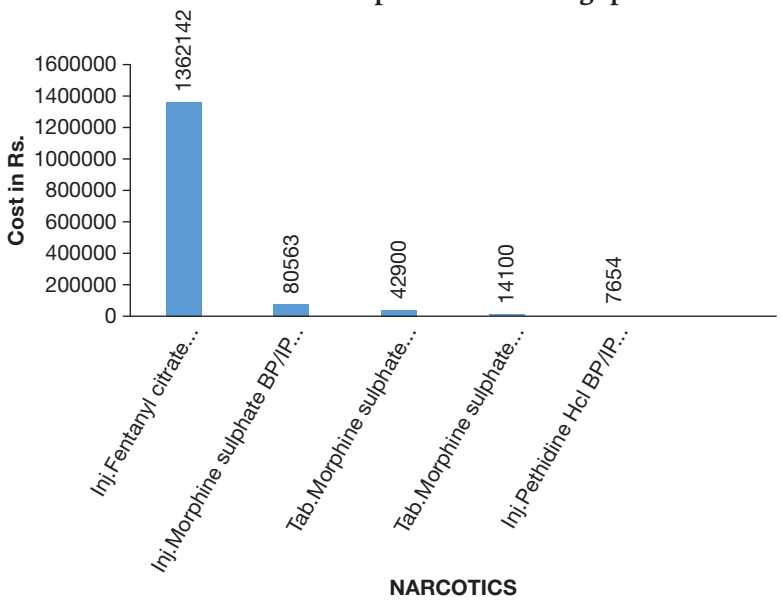
Figure II: Procurement cost of the top ten injections procured in 2024-25



Narcotic Drugs

Ten narcotic drugs are stocked in the narcotic stores. These drugs will be issued as per the Narcotic Drugs and Psychotropic Substances Act against the special dangerous drug indent, duly signed by the OIC of the Department /consultant, which is verified with the specimen signatures available in the pharmacy. These narcotic drugs are purchased from the authorised firms after obtaining a special storage and transport license from the Excise and Drug Control Department, Government of Puducherry. A Narcotic utilisation certificate is sent to the Controlling Authority, Department of Drug Control, every first week of the month. The top narcotic drug procured was Inj. Fentanyl Citrate for Rs. 1362142 in the year 2024-25. This service adds to the palliative care of the patients in the Regional Cancer Centre.

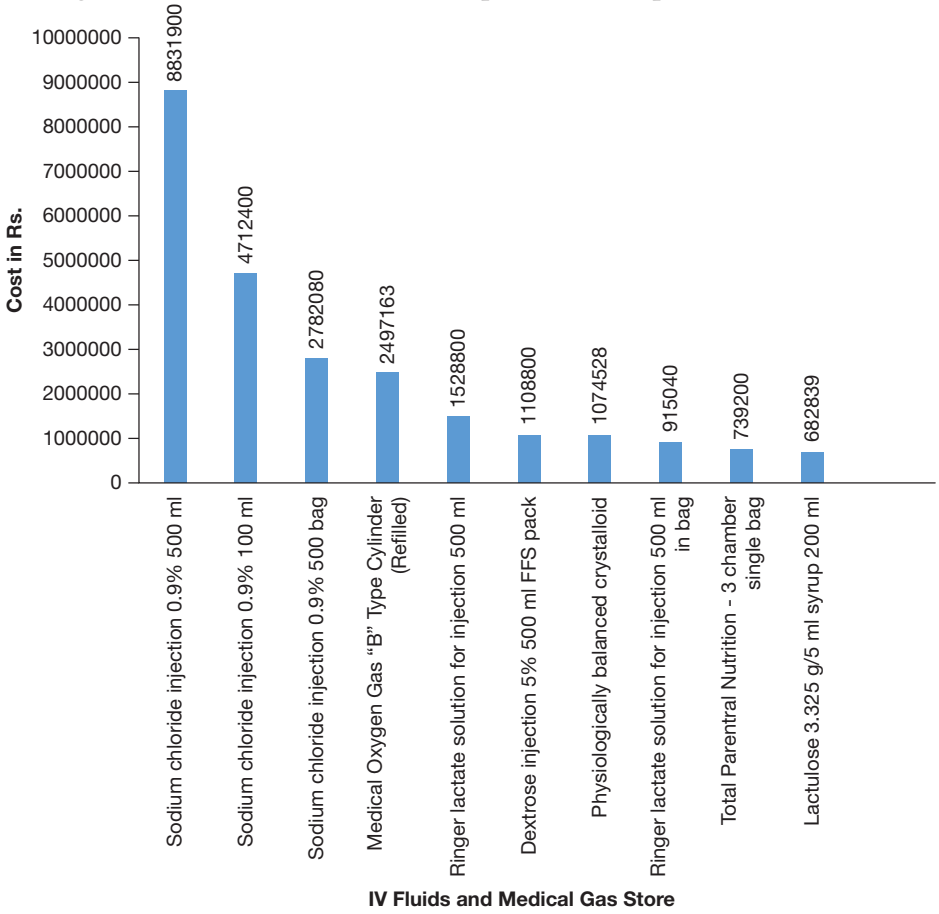
Figure III: Procurement cost of the top six narcotic drugs procured in 2024-25



I.V. Fluids, Medical Gas and Miscellaneous Store

The IV fluids and medical gas store is managed by a Senior Pharmacist, one Pharmacist and two helpers. An average of 69 IV fluid formulations are available in stores, along with 900 A & B Type Oxygen cylinders. The average number of indents per week is 95 for IV fluids and 105 for medical gas cylinders.

Figure IV Procurement cost of the top ten IV fluids procured in 2024-25



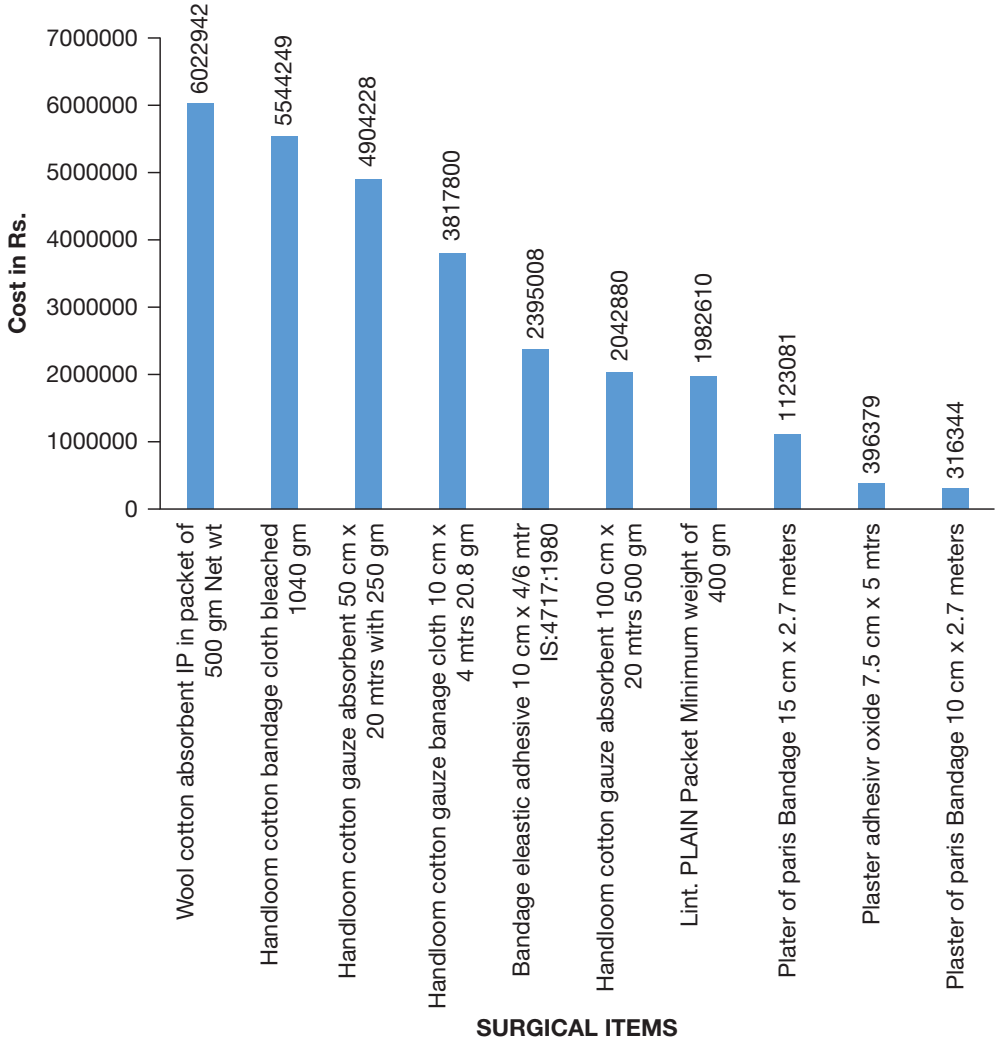
Cold Storage /Special storage

Human Insulin, vaccines and certain antibiotics are generally more delicate and sensitive to temperature; these drugs are to be stored between 2 and 8 degrees Celsius. Four walk-in coolers are available for storing lifesaving drugs/vaccines at the recommended temperature range to retain the potency and efficacy of lifesaving drugs/vaccines. There are 68 lifesaving drugs stored in the walk-in coolers.

Surgical Store

The surgical and disinfectant store is managed by a Senior Pharmacist, one Pharmacist and two helpers. Sixteen surgical items are available in the surgical store. The issue is done once a week on Tuesdays & Wednesdays. The average number of indents issued per week is 60.

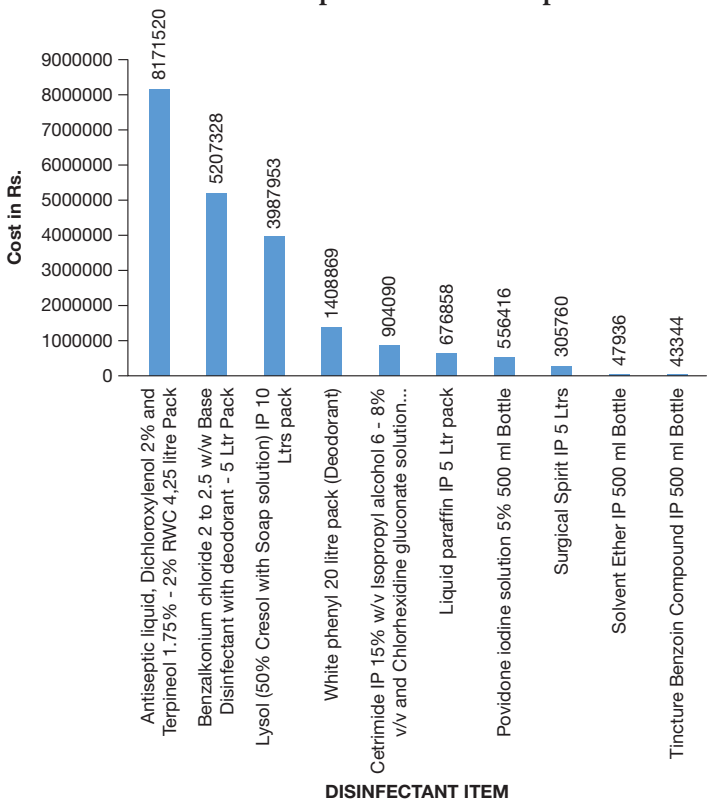
Figure V Procurement cost of the top ten surgical items procured in 2024-25



Disinfectant Store

Fifteen disinfectant solutions are stocked in the store. The disinfectants are issued every Friday. The average number of indents issued per week is 210.

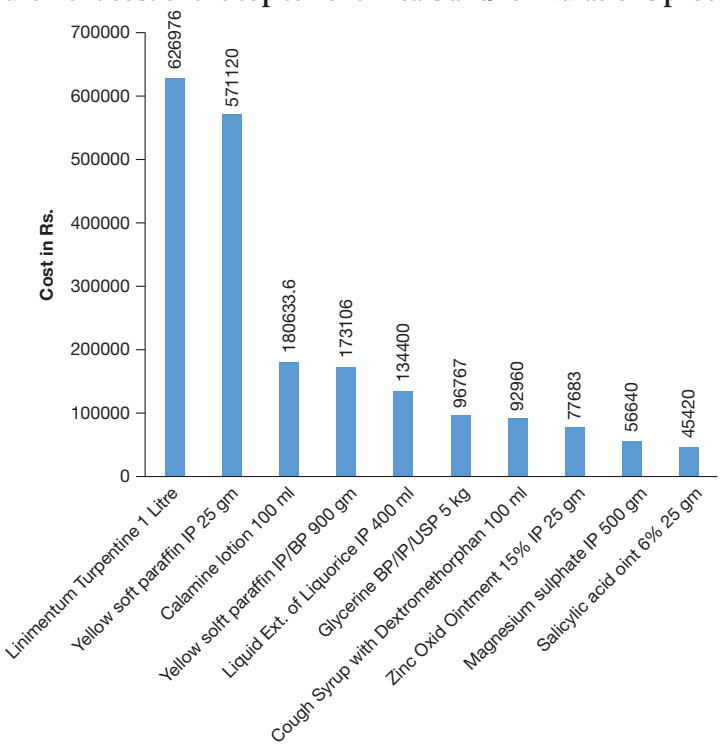
Figure VI Procurement cost of top ten disinfectants procured in 2024-25



Chemical Store

A senior pharmacist and one helper manage the chemical store and the Preparation section. Thirty chemicals and 10 formulations are available in this store. An average of 25 indents is issued per week.

Figure VII: Procurement cost of the top ten chemicals and formulations procured in 2024- 25



Preparation Section

There are 10 different extemporaneous preparations prepared in this section, most of which are not available in the open market. Some special preparations are also made based on the special requests from the user departments. The annual budget for this section is approximately 15 lakhs per year. Some of the extemporaneous preparations prepared are Lugol's Iodine, Mixture Cough Expectorant, Linctus codeine, Eusol, Mag-sulf glycerin, Antiseptic Mouthwash, Ichthammol salicylic acid ointment, Saturated solution of Potassium Iodide and Gentian Violet Solution. From August 2019 onwards, ready-made preparations of ointments and lotions have been procured. There are 35 indentures issued per week. The ward issues are done thrice a week.

Local Purchase

Any lifesaving drug or essential drug which is not available in the hospital pharmacy or not quoted in the tender or not listed in the tender and drugs for Tamil Nadu Chief Ministers Comprehensive Health Insurance Scheme (TNCMCHIS) and Ayushman Bharath Insurance scheme are procured through local purchase procedure under GFR 154 & 155 from the registered local chemists through local tender. The selection of firms will be approved by the Local Drug Purchase Committee. The drugs are purchased only after obtaining financial sanction from the Medical Superintendent and the Director. A sum of Rs. 77,18,314/- was utilised for the local purchase of drugs for the year 2024-25.

Drug Analysis Lab

Drug Analysis Lab in the Department of Pharmacy, JIPMER, is involved in the quality testing of drugs procured through a tender. Samples of various drugs are obtained from the pharmacy stores and tested in the laboratory for their quality as mentioned in the Indian Pharmacopoeia. Any complaints regarding drug quality from the user departments are also evaluated. The lab is staffed with two pharmacological analysts and one helper. It is equipped with one high-performance liquid chromatography (HPLC) instrument, two ultraviolet-visible (UV) spectrophotometers, one dissolution apparatus, two disintegration apparatuses, two weighing balances, a pH meter, a water purification system, a centrifuge, an ultrasonicator, laboratory fumehood, laboratory refrigerator, a hot air oven, etc. The total number of assays done during this period is 285 (UV spectrophotometry assay: 110; HPLC assay: 153; titration: 22). The total number of drug batches analysed during this period is 283. There were eight complaints evaluated from user departments.

Statistics for the Years 2024-25

Average patient attendance per day: 4500 (in Pharmacy OPDs)

Total number of drugs procured (including OPD & IPD): 700

Annual expenditure utilized : Rs. **39,64,44,159.50**/-

Drugs purchased through Local Purchase : Rs. 77,18,314/--

Achievements/ Significant Events

Online indenting

Online indenting facility is available for the surgical dressing items, disinfectants, IV fluids, tablets and injection stores.

Program for the Pharmacists

World Pharmacists Day was celebrated on 25th September 2024, with the theme "Pharmacists: Meeting global health needs". An awareness rally was conducted, and saplings of plants were planted.

Department of Pharmacy has organised a Public awareness rally on Jan Aushadhi Diwas on 07.03.25 at 6.00 am at Beach Road, Puducherry.

Issue of Drugs

Drugs are issued free of cost to the patients attending follow-up special clinics (30 days), general wards, and inpatients. Costly medicines are issued free of cost to the patients based on their income.

Medical camps

Pharmacists are posted for dispensing drugs for the camps organised by the Tamil Nadu Chief Minister's Comprehensive Health Insurance Scheme (TNCMCHIS), rural camps & Karaikal-Health camp organised by the Department of Preventive and Social Medicine.

Issue of Speciality Clinic Drugs

Drugs for special clinics like Endocrinology, Neurology, Neurosurgery, Plastic Surgery, Neonatology, Urology, Nephrology, Clinical Immunology, Cardiology, Cardiothoracic, Vascular Surgery, Medical Gastroenterology, and Surgical Gastroenterology are issued monthly. Due to the continual availability of drugs throughout the year, the above clinics are popular among the patient population in and around Pondicherry.

Maintaining quality standards

The Department of Pharmacy prioritises the quality of the drugs issued to the patients. All the issues relating

to drug content, standards, packing, expiry and any noticeable changes like discolouration, dampness or moisture in the packing, missing pills, crumbled pills, improper reconstitution of powders for injection, etc., are monitored by the pharmacists, and if any quality problem is found, it will be attended to by Pharmacological analyst.

Cold Chain Management

The drugs that are received by the cold chain are directly stored in the walk-in coolers. The cold chain is maintained till the drug reaches the end-user. The walk-in coolers are monitored regularly for the temperature settings. Sixty-nine lifesaving drugs like insulin, anti-cancer drugs, vaccines, sera, and anti-thrombolytic agents are presently stored in walk-in coolers. At present, there are four walk-in coolers.

Future Plans

- To better manage different department sections and improve patient care services, a proposal was submitted to construct a separate pharmacy block consisting of pharmacy offices, stores, dispensing pharmacies and other pharmacy-related services.
- To avoid delays in the internal logistics system of drugs, it is proposed that a pneumatic pipeline system be created to send the drugs to the wards and OTs to save manpower and time effectively.

Public Relations Office

Introduction

The Public Relations Office communicates with the General Public through various Press, Media & Social Media platforms on welfare measures, awareness messages and hospital functioning-related issues. It liaises with the offices of the Director, Medical Superintendent and Dean JIPMER for all concerned issues. Also, it liaises with all the departments for communication with the public and media.

Staff Architecture

Officer-In-Charge, Public Relations Office: Dr. S. Suresh Kumar, Professor, Department of Surgery

Public Relations Officer: Dr. G. Vengadesaprabu, Senior Medical Officer, O/I/C of Bio Medical Waste Management

Data Entry Operator: Mrs. D. Jothi

Activities During 2024-2025

PRO office works for smooth and efficient media and press networking in all matters related to JIPMER. The following are the areas of functioning:

1. Helping the general public with queries through the JIPMER Help Line daily.
2. Coordinating and arranging interviews of doctors regarding health issues & awareness programs.
3. Video sessions of Health Awareness Programmes Conducted by JIPMER in Doordarshan, Puducherry.
4. Audio sessions of Health Awareness Programmes Conducted by JIPMER in All India Radio, Puducherry.
5. Authentication & Documentation of Press releases from JIPMER.
6. Documentation of JIPMER-related News published in the Press & Media.
7. Maintaining the JIPMER News platform on the JIPMER official website.

Department of Printing and Stationery

Introduction

The Department of Printing and Stationery was established in 1967. At present, the primary function of this unit is to print and supply various essential forms and registers, distribute stationery items, and provide rubber stamps and name boards to support the functioning of the Institute and Hospital, particularly in connection with patient care services. The Department of Printing and Stationery is located at the rear of the Administrative Block. This department is coordinated and supervised by the Manager of the Press.

Staff Architecture

Shri. Vijayamohan. V, Manager

List of Staff

R. Jeevananthan @ Muthukkumaran, Store Keeper

M. Kattarayan, Proof Reader

M. Susai John Britto, Offset Machine Operator
N. Rajinikanth, Compositor
G. Sivachanemougame, Machine Operator
A. Mourougadassane, Grade-I Binder
A. Chanemougame, Binder
S. Sundarambal, Artist
D. Ramadass, Attendant (Artist)

Facility / Service Offered

Execution of Printing Works

The department handles the printing of approximately 200 types of hospital forms and various register printing works, primarily to the MRD (central distribution section of commonly used hospital forms & registers) and various other departments of JIPMER, Puducherry and its Branches. Handling time-sensitive jobs such as Annual Reports, Convocation works, SFC Books, Research Day works, Wall calendar, and various programme Invitation and Certificate works within the stipulated timeline. Department arranged specialised and Security printing tasks (e.g., holograms, certificates, answer barcode booklets, UG & PG course record note books, Cryo label medicine stickers, Blood bag stickers, Medicine covers, etc).

Execution of Binding Works

Registers required by all the departments of this institute which include medical, academic and administration are printed, bound and stitched. Mainly stitching of various types of files for keeping records are executed for various Admin sections and Hospital side. Works like cash receipts, indent books and various special type binding works are executed for various departments.

Stationery Distribution

This Department is undertaking the centralised procurement and distribution of commonly used Stationery items of around 100 items by procurement via an annual e-tender process, and the same are being distributed seamlessly to all the needy departments through proper online requisition after careful need assessment and scrutiny.

Rubber Stamps and Name Boards Distribution

This department facilitates the arrangement and distribution of rubber stamps and name boards with Hindi translation.

New facility / Services / Events in the Year 2024-25

Purchasing an Automatic Perforating and Scoring Machine

The machine enables in-house handling of perforating and scoring work, ensuring high-quality and timely execution.

Implementation of Online Stationery Distribution

The distribution system for stationery items across all departments of the Institution was converted from offline to online this year. This transition has enabled more efficient and transparent distribution.

Arrangement Records Note Books

A large volume of student record notebooks, in various formats for undergraduate and postgraduate courses, were distributed. There are plans to enhance the department's capabilities by adding more skilled technical staff. Additionally, there are plans to strengthen the productive unit to meet the current printing demands of the Institute by increasing the number of printing and binding machines.

Sanitary Unit

Introduction

JIPMER sanitary unit is a support service department which is responsible for cleanliness, maintenance and aesthetic upkeep of patient care and public areas.

Staff Architecture

O/I of Sanitary Unit

- Dr. Archana Waganekar, Chief Medical Officer

Sanitary Superintendent

- Mr. M. Thiroumourougan

Senior Sanitary Inspector

- Mr. T. Karthikeyan

Male Health Supervisor

- Mr. P. Thiyagarajan (UHC, Kurusukuppam)

Sanitary Inspectors

- Mr. S. Deivendiran (UHC, Kurusukuppam)

Sanitary Inspectors (Outsourced)

- Mr. T. Devaraj
- Mr. A. Puduvaikani
- Mr. K. Kalaimani
- Mrs. S. Sivatharani I

Service Offered

1. **Housekeeping Services**
2. **Mechanised Cleaning**
3. **Disinfection procedure**
4. **Water sanitation**
5. **Pest Control Activities in JIPMER**
6. **Solid Waste Management**

National Activities

As per the instructions from the Ministry of Health and Family Welfare, the Sanitary Unit observed Swachhata Pakhwada 2024 from 1st to 15th April, Swachhata Hi Sewa from 16th September to 1st October and Special Campaign 4.0 from 02nd to 31st October.

Swachhta Pakhwada 2024 (From 01.04.2024 to 15.04.2024)

As per the directive from the Ministry of Health and Family Welfare, JIPMER Puducherry and JIPMER Karikal planned to observe Swachhta Pakhwada 2024 from April 1st to April 15th, 2024. Several programs for Swachhta Pakhwada, as advised by the Ministry, were outlined and submitted to the Ministry at the beginning of the year. These programs were implemented with slight modifications to adhere to the model code of conduct during the parliamentary election period.

The Joint Secretary Smt. Ankita Mishra Bundela from the Ministry of Health and Family Welfare visited JIPMER on 12.04.2024 to assess the Swachhta Pakhwada 2024 activities. She inspected all the hospital blocks.

Swachhata Hi Sewa (SHS) – 2024 (From 16.09.2024 to 01.10.2024)

Swabhav Swachhata – Sanskaar Swachhata

As part of the nation-wide initiative Swachhata Hi Sewa-2024, a series of events were organized at the Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER) campus to promote cleanliness and public health. The program consisted of the following activities:

Cultural Program

On 20th and 25th September 2024, vibrant cultural programs were conducted at the Women and Children Hospital (WCH) and Main OPD Block, respectively. Villupattu and skits organized by the Nursing Section emphasized the importance of cleanliness and its connection to cultural values, engaging the audience through performances that highlighted the Swachh Bharat mission.

Health Camp for Housekeeping Staff

Special medical camps were held on 21st, 26th, 28th September and 1st October to provide health check-ups for housekeeping staff. Around 730 sanitary workers were screened at the camp, the workers were screened for hypertension, blood sugar and other alignments with a goal to cover 1200 staff within the month.

Special Mass Cleaning Drive

On 22nd September 2024, a massive cleaning drive was conducted in collaboration with Oulgaret Municipality. Around 130 staff members participated, focusing on cleaning the area outside the compound wall from Gate No. 1 to Gate No. 7.

Swachhata Pledge

On 23rd September 2024, doctors, nurses, and staff took the Swachhata Pledge at 11 AM, reinforcing the importance of cleanliness in daily life.

Waste to Art

On 24th and 25th September 2024, a Waste to Art event was organised in various hospital blocks at JIPMER, creatively repurposing waste materials into art forms.

Tree Plantation

On 25th September 2024, the JIPMER Horticulture Department organised a tree plantation drive. Staff and students participated enthusiastically in the event.

Cleanliness Drive at Rock Beach, Puducherry_

As part of Swachhata Hi Sewa 2024, JIPMER organised a cleanliness drive at Rock Beach on 29th September 2024, with the participation of around 400 doctors, students, and JIPMER staff. They cleaned an 800-meter stretch of the beach, collecting approximately 200 kgs of garbage.

Award Distribution Ceremony

On 1st October 2024, an award distribution ceremony was held at the SSB Conference Hall. Winners of the drawing competition from Kendriya Vidyalaya, the best housekeeping staff, and appreciation awardees were honored. The Director of JIPMER presided over this event.

SWACHHATA SPECIAL CAMPAIGN 4.0

As per the communication received from the Ministry of Health and Family Welfare, JIPMER observed Swachhata Special Campaign 4.0 in two phases. i.e. Preparatory phase (from 16.09.2024 to 30.09.2024) and implementation phase (from 02.10.2024 to 31.10.2024).

The objectives of the special campaign 4.0 are space management, scrap disposal and identifying cleanliness campaign 4.0. During the preparation phase from 16.09.2024 to 30.09.2024, the sanitary unit identified more than 15 places for cleanliness campaign 4.0.

As part of the implementation phase, the following activities were carried out in the hospital and campus.

- Banners displayed in various places in and around the hospital.
- Unwanted shrubs and plants were grown around the hospital, hostel and residential areas were cleaned by using a brush cutter machine. Unwanted files, case sheets and used papers were weeded out from the MRD and other office areas for recycling purposes.
- All the storm water drainages on the campus were cleaned. Dried leaves were spread over the terrace of the hospital buildings were cleaned.
- The special cleaning activities were arranged in the patient care areas and public toilets.
- Unwanted furniture and scrap items were disposed for recycling.

JIPMER 2024–25 in Pictures

Serving the Community and Fulfilling its Social obligations



World Breast feeding week



World Glaucoma week awareness program


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DR. APJ ABDUL KALAM JIPMER AUDITORIUM

Annual Report JIPMER Karaikal

Department of Anaesthesiology

Faculty List

Associate Professor & Officer In-charge

- Dr Jaya V

Associate Professor

- Dr Balachandar S

Assistant Professor

- Dr Omprakash S

Departmental Highlights of the year 2024-25 (100 words only)

The Department of Anaesthesiology at JIPMER, Karaikal, has demonstrated significant progress and commitment to advancing patient care, safety, and medical education throughout the past year. A cornerstone of this year's development is the initiation of the process to establish a dedicated Post-Anaesthesia Care Unit (PACU) near the operating theatre. This critical infrastructure development aims to enhance patient safety and recovery by providing specialised, intensive monitoring and care for patients immediately following surgical procedures. Furthermore, the department has broadened its scope of specialised anaesthesia services. The introduction of anaesthesia services for pediatric ophthalmology & cataract surgeries is one among them. This year, A significant undertaking has been spearheading life support training programs. The department has conducted Basic Life Support (BLS) training and Compression-only Life Support (COLS) training programs for various personnel across the institute. This includes Institute faculties, Nursing officers, administrative staff, Housekeeping staff, and Security personnel.

Educational Courses

Undergraduate: The Department provided lectures and clinical teaching on essential topics in Anaesthesia to the fifth-semester students of Batch 2022 as part of the Undergraduate Teaching program (MBBS). We also conducted a BLS course, a part of the Foundation course, for the 2024 MBBS batch.

Departmental Activities for the year

Organised conference/ CME/ workshop

i. Local workshop / CME: **Conducted BLS course**, a part of Foundation Course for I MBBS Students (Batch 2024) held at Lecture Hall, Kalam campus on 18.08.2023.

Conducted BLS & COLS training: For Faculties, Nursing officers, administrative staff, housekeeping staff, and Security personnel

Faculty conference participation

Dr Jaya V Participated as a faculty member in the "POCUS Workshop" organized by AORA, where she contributed her expertise in ultrasound-guided techniques. Participated as a faculty in the "Advanced Airway Management workshop" and attended as a delegate in the 15th Annual State Conference – ISACON Puducherry 2024, held from 27th to 29th September 2024 at Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry, organized by ISA Puducherry and the Department of Anaesthesiology and Critical Care, JIPMER. Participated as a faculty member in the "MACMO – Fest" organized by *Dhanalakshmi Srinivasan Medical College and Hospital* held on 7th June 2024. Dr Balachandar S participated as invited faculty in the 22nd Annual CME Programme and Workshop - MACME 2024 on "Airway management" held on 07/07/2024. He participated as faculty and presented on the topic 'Perioperative Hypertension' in ISACON Puducherry 2024, organised by the dept of Anaesthesiology & Critical Care, JIPMER, Puducherry. Served as Instructor in BLS/ ACLS provider course conducted by JIPMER ITC & Dept. of EMS, JIPMER, Puducherry from 1st to 3rd August 2024. Participated as BLS Instructor in JIPMER Connaissance, June 2024. Participated as a speaker in an online academic conducted by the Indian College of Anaesthesiologists and presented on the topic 'Case-based discussion – Diabetic ketoacidosis' on 26th June 2024. Dr Omprakash S participated as a faculty member and delivered a lecture on General Anaesthesia in Functional Endoscopic Sinus Surgery (FESS) during the event "OSTIUM: Finesse in FESS - A Hands-on Experience in Cadaveric Dissection," organized by the Departments of ENT and Anatomy at JIPMER, Karaikal, on July 5-6, 2024. Participated as a faculty member in the Advanced Airway Management Workshop at ISACON South Zone 2024 and the 46th Annual Tamil Nadu State Conference, held on July 18, 2024, in Salem. Acted as a faculty member and delivered a lecture on "Current Guidelines on Cardiac Patients Undergoing Non-cardiac Surgery" during the 15th Annual State Conference -

ISACON Puducherry 2024, held from September 27 to September 29, 2024, at JIPMER, organized by the ISA Puducherry and the Department of Anaesthesiology and Critical Care. Attended as a faculty member at the Anaesthesia Continuing Education (MHT-ACE 2024) PG Symposium, organized by the Department of Anaesthesiology and Critical Care Unit at Meenakshi Hospital, Thanjavur, on October 27, 2024. Participated as a panelist in the discussion on "Management of a Child with Transposition of Great Arteries (TGA)" as a faculty member at the 28th Annual Conference of the Indian Association of Cardiovascular Thoracic Anaesthesiologists (IACTACON), held on February 21-23, 2025, in Kochi.

Attended a workshop as a delegate on "Advanced Mechanical Ventilation" during the 28th Annual Conference of IACTACON on February 20, 2025, in Kochi. Attended as a faculty member in the workshop on Airway Management during the "Anaesthesia Orientation CME," conducted by the Department of Anaesthesiology at Kanyakumari Government Medical College on March 15-16, 2025. Served as a faculty member in the Advanced Airway Workshop during the CME on "Tailored Anaesthesia - Solutions Beyond GA," held on March 30, 2025, organised by the Department of Anaesthesiology at Velammal Medical College Hospital and Research Institute, Madurai.

Participation in health camps/ public health awareness/ education programme

World Anaesthesia Day: Conducted Basic Life Support & Compression-only Life support training programme for the faculties, Nursing officers, Administrative staff, Housekeeping staff, and Security personnel.

Major events in Department

New services started: Started providing anaesthesia services to the pediatric Ophthalmology cases at GH Karaikal.

Administrative Assignments

- Dr Jaya V: Department Officer In-charge, Member of the Internal Complaints Committee for Women, Member of Medical Education Unit & Officer-in-charge of the Nursing Section, JIPMER, Karaikal
- Dr Balachandar S: Officer in-charge of undergraduate teaching in the department. The officer in charge of the equipment transferred to GH Karaikal. He is also a member of the department committee looking after the Equipment purchase, anaesthetic drug indenting, and department statistics & information.
- Dr Omprakash S: GH operation theatre liaison Officer in charge. He is officer-in-charge of Boys' Student Affairs. He is also a member of the department committee looking after the Equipment purchase, anaesthetic drug indenting and department statistics & information.

Research and Publications

Publications--Indexed Journals

- Selvaraj S, Chaudhury M, Hoepelman B, Saravanan B OP071 Influence of diluents on pH of local anesthetic solutions. *Regional Anesthesia & Pain Medicine* 2024;49:A55-A56.
- Parthasarathy, Srinivasan; Saravanan, Balachandar. Identifying the proximal sciatic nerve is better achieved through the pre-injection of saline at the sub-paraneural popliteal site. Saudi Journal of Anesthesia 18(2):p 327-329, Apr–Jun 2024.
- Mishra G, Pandey V, Charles AJ, Saravanan B, Kumar VRH. Comparison of ease of intubation and glottic visualisation using Miller (paraglossal approach) and Macintosh laryngoscope in adults: A randomised crossover study. Indian J Clin Anaesth 2024;11(4):518-523
- Vasanthan, T & Akilesh, R & Kalaimani, S & kumar, N & Prabakar, G & Jaya, V. (2025). Impact of Language Learning Strategies on Enhancing Independent Neonatal History- taking Skills among Non Native Language- speaking Medical Undergraduates: A Quasi-experimental Study. Indian Journal of Neonatal Medicine and Research.

Departmental statistics – (From 1st April 2024 to 31st March 2025)

Anaesthesia services provided during the past year are summarised below.

S.No	Anaesthesia Services Provided	No. of cases (Year 2024-2025)
1.	**Elective OT services**	
	Obstetrics & Gynaecology	386
	General Surgery	223
	ENT	136
	Orthopaedics	187
	Paediatric surgery	29
	Dental	6
	Ophthalmology	4
	Total	**971**

S.No	Anaesthesia Services Provided	No. of cases (Year 2024-2025)
2.	**Emergency OT services**	
	Obstetrics & Gynaecology	660
	General surgery	33
	ENT	1
	Orthopaedics	37
	Dental	1
	Total	**732**

Department of Anatomy

Faculty List

Associate Professor

- Dr. Saranya R.

Assistant Professor

- Dr. Vijaykishan Bheemavarapu

Educational Course & Departmental Highlights of the year 2024-25

The Department of Anatomy is dedicated to teaching first-year MBBS students, with an intake of 61 students for the academic year 2024-2025. In 2024, the department was relocated to the new academic campus 9with spacious laboratories and notably, the department successfully procured all essential equipment and chemicals for the dissection and histology laboratories, ensuring seamless operations. Innovative teaching methods such as case-based and team-based learning, model making, think-pair-share, and jigsaw methods have enhanced student engagement. A pioneering body donation program was initiated, receiving 9 registrations so far. Students actively participated in symposiums, quizzes, and integrated teaching sessions. Our commitment to excellence yielded outstanding results, with all students passing the exit exam without backlogs.

Departmental Activities for the year

Organised national workshop

The Department of ENT, in collaboration with our department, successfully hosted the Cadaveric Endoscopic Dissection Workshop *OSTIUM '24* on the 5th and 6th of July 2024. Expert faculty demonstrators from JIPMER Puducherry led the sessions, providing invaluable hands-on training in Functional Endoscopic Sinus Surgery (FESS) to a group of 18 delegates. The workshop received excellent feedback and contributed meaningfully to the skill development of all participants.

Faculty conference participation

Delivered oration/ lecture in a CME/ symposium/ workshop

Dr. Saranya R, made a presentation on 'Anatomy of Frontal & Ethmoid bone' in the Hands on Endoscopic Cadaveric Dissection Workshop 'OSTIUM '24' conducted by Department of ENT & Anatomy, JIPMER Karaikal on 05/07/2024 & 06/07/2024

Dr. Vijaykishan Bheemavarapu, made a Poster presentation on the topic "Model making competition & Jigsaw learning as a tool for deeper understanding of embryology of cardiovascular system (CVS)" in 71ST National conference of Anatomical society of India at Sri Guru Ram Das Institute of Medical sciences & Research, Sri Amritsar on 22/11/2024.

Dr. Vijaykishan Bheemavarapu, made a presentation on 'Anatomy of Maxilla & Sphenoid bone' in the Hands on Endoscopic Cadaveric Dissection Workshop 'OSTIUM '24' conducted by Department of ENT & Anatomy, JIPMER Karaikal on 05/07/2024 & 06/07/2024.

Major events in Department

i. Embalming services are available since January 2025 in the department
ii. Video making competition was conducted in December 2024 for the MBBS students in Puducherry and Tamil Nadu regions on voluntary whole-body donation.

Administrative Assignments

Dr Saranya R

- Officer in charge of the Department of Anatomy.
- Officer in charge of the Finance & Accounts section.
- Member of the anti-ragging committee.
- Member of Library Committee.
- Member of SC ST book procurement committee.

Dr Vijaykishan Bheemavarapu

- Stores in charge, Anatomy.
- Officer in charge of the Guest house section.

Research and Publications

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Saranya R(PI) A strategic approach to promote voluntary whole-body donation in the Karaikal district by mixed method study.	1,52,400/-	2 years from September 2024	JSAC Intramural

a) Ongoing project - ICMR sts – "Early detection of frozen shoulder in Diabetes Mellitus patients – a hospital based cross sectional study" PI - Diwakar D, II MBBS Student; Guide –Dr Saranya R, Co- guide Dr Arulkumar N

Department of Biochemistry

Faculty List

Associate Professor & Officer in-charge Dr. Arul Vijaya Vani. S

Associate Professor Dr. Sathish Babu M

Associate Professor Dr. Subash P

Departmental Highlights of the year 2024-25

- **Curriculum Innovation:** Competency-based undergraduate new methods of teaching like case-based learning modules, small group discussions, revision exercises like formulation of MCQ, open book examinations are used to strengthen the basic concepts in biochemistry.
- **Student Performance** Our students consistently excel in undergraduate examinations, demonstrating a strong grasp of theoretical concepts and practical skills. To foster academic excellence, we regularly incorporate case-based OSPE questions into practical classes, promoting critical thinking and problem-solving skills.
- **Extended service to Clinical laboratory**: Our department provides laboratory services at the Central Laboratory, Government General Hospital, Karaikal, and has initiated steps to enrol in the External Quality Assurance Program under CMC Vellore, enhancing our commitment to quality and excellence.

Educational Courses

MBBS

Departmental Activities for the year

Events organised

To enhance communication skills, our department organized a mini-seminar competition on 'Biological Oxidation and Electron Transport Chain (ETC)'. Students were divided into teams and presented their topics, with the top three teams receiving prizes. The competition was judged by the internal judges: Dr. Priyadharshini R (Associate Professor, Pharmacology) and Dr. Kumaran (Associate Professor, FMT) and external judges: Dr. Nandeesha H (Professor, Biochemistry, JIPMER Pondy) and Dr. Reeta (Professor, Biochemistry, MGMCRI). This activity encouraged teamwork, research, and effective communication among our students.

Steps have been taken to initiate the purchase process for essential equipment and furniture for the upcoming hospital at JIPMER Karaikal, ensuring readiness for th upcoming hospital

Dr. Arul Vijaya Vani.S presented a poster titled `The impact of training program in the improvement of the total quality management' as assessed by six sigma metrics at the ACBICON 2024 conference held on 05-07th Dec 2024 at Chandigarh. She served as an external judge for poster presentation in the national conference `Recent trends in biochemistry-a laboratory perspective' conducted by dept of Biochemistry, Saveetha Medical college & Hospital on 13 & 14th Dec 2024. She also chaired a session at South Zone conference of Association of clinical Biochemists of India (SZACBICON)-2025 held on 24-25th January 2025 at JIPMER Puducherry. She successfully completed JIPMER Advanced course in research methodology (JACRM). She got trained in 91st National course on educational science for teachers of health professional. She attended training on Workshop on Artificial Intelligence in Medical Education and Research JIPMER Karaikal.

Dr. Sathishbabu M has delivered a talk in the ICSSR-SRC-sponsored National Seminar on Social Security and Ageing Population in Viksit Bharat 2047 at Pondicherry University, Karaikal Campus. Presented paper in the 45th Annual Conference of Indian Association of Biomedical Scientists at A J Institute of Medical Sciences & Research Centre, Mangalore. He attended training on Workshop on Artificial Intelligence in Medical Education and Research JIPMER Karaikal.

Dr. Subash P has delivered Guest Lecture on Advances in Medical Biochemistry at "Annai Abirami Community College of Allied Health Sciences, Kottucherry" on 6th July 2024. Delivered Guest

Lecture on Clinical Enzymology at "Mother Theresa Postgraduate and Research Institute of Health Sciences, Karaikal" on 15th July 2024. Successfully completed the "Basic Life Support Training" Organized by Department of Anaesthesiology on 18th October 2024. Attend training on Workshop on Artificial Intelligence in Medical Education and Research JIPMER Karaikal.

Administrative Assignments

Dr. Arul Vijaya Vani.S

Officer in-charge of dept

officer in-charge of Central Library JIPMER, Karaikal

Member of anti-ragging committee

Dr. Sathishbabu M

Officer In-charge of Purchase JIPMER, Karaikal.

Dr. Subash P

Officer in-charge of Outsourcing (Janitors)

Research and Publications

Intramural Projects

S. No	Name of the faculty	Amount	Period of grant	Grant agency
1.	Dr. Arul Vijaya Vani. S	Rs.1,69,138	2 yrs	JIPMER
2	Dr. Sathishbabu M	Rs. 68000	2 yrs	JIPMER

Department of Community Medicine

Faculty and Staff List

Associate Professor & Officer In-charge: Dr. Preetam B Mahajan

Associate Professor: Dr Karthik Balajee L

Assistant Professor: Dr Avinash Kumar

Senior Resident (on a rotation basis- one SR every 3 months)

Dr Bitty Raghavan, Dr Ismail Z, Dr Mahadevan, Dr Ruben

Departmental Highlights of the year 2024-25

Members have supported and participated in state-level workshops, CMEs, and International days of public health importance during this year. Besides these, faculty members have contributed to Foundation courses, district-level health camps, etc. Some members are serving on the editorial board of international and national journals of repute.

Educational Courses (Courses and number of students intake per year)

The Department of Community Medicine functions in the Academic Building, JIPMER Karaikal Campus and is constantly involved in teaching, training of undergraduate students, and research activities. As of 31st March 2025, the Department has four batches of MBBS students (2021 to 2024) pursuing their undergraduate training. Three clinical postings are scheduled in the 3rd, 4th and 6th Semesters to learn about survey methods, clinical assessment and exposure to social determinants of health in community settings and principles of public health interventions as a part of comprehensive health care. Besides these, the Family Health Advisory Programme is scheduled in the 6th and 7th semesters, where students follow up with a family for a period of 10 months to understand the social context of their illness and contribute to health promotion activities. There is a foundation course in 1st Semester. Additionally, field visits and theory and practical sessions are also part of the curriculum to improve their learning experience. The use of innovative teaching-learning methods is encouraged during the sessions.

Departmental Activities for the year 24-25

Dr Preetam B Mahajan was selected as one of the Super 30s from India under the Nutrition for Lifelong Health project under the IAPSM President Action Plan, participated as a Resource person in Health Policy and Systems Research (What? Why? and How?): a primer and spoke about Health Policy Analysis at UK-UP State-level IAPSM conference in GMC Haldwani in October 2024. In the same conference, he chaired a scientific session on challenges in health care delivery in Uttarakhand. Was resource person for training of Medical Officers on VBDs organised by RoHFW- Chennai, spoke about health equity and health financing at the national workshop on Health systems strengthening workshop at JIPMER Puducherry.

Dr. Karthik Balajee Laksham, organized community diagnosis exercises with surveys, mapping, and village leaders' meetings, and serving as an internal examiner for Final MBBS Part-I at JIPMER Karaikal and as an external examiner at Vinayaka Medical College, Karaikal. He introduced innovative teaching methods such as the Research Methodology Module for MBBS students and skill training through DOAP (Demonstrate–Observe–Assist–Perform) and Peyton's Four-Step Approach. In the domain of public health and outreach, he conducted school health sessions on tobacco, obesity, yoga, and menstrual hygiene; TB awareness training for housekeeping and security staff; and awareness programs during World Antimicrobial

Awareness Week and World TB Day, including poster competitions for undergraduate medical and nursing students. Dr. Karthik Balajee also delivered health talks on All India Radio on dog bite prevention and tobacco control, represented JIPMER Karaikal at the State Task Force meeting of NTEP in Puducherry, organized a rally and social media campaign on antimicrobial resistance, trained staff in specimen collection, and gave guest lectures on substance abuse prevention and reorientation training on tobacco epidemiology for HoDs. Additionally, he conducted modular training on acute diarrheal disorders in children. In research and capacity building, Dr. Karthik Balajee served as Principal Investigator for a competency-based skills training module for undergraduates and as Co-Principal Investigator in projects including measles vaccination barriers and facilitators, antibiotic resistance surveillance (AMROR), prediction models for hemolyzed newborn samples, and preoperative prophylaxis in cataract surgery. As a co-guide, he supervised work on the effect of passive smoking on thyroid function and blood pressure in pregnancy. He was a resource person for three Medical Education Unit sessions, contributed as a FAIMER Fellow, reviewed manuscripts for *PLOS Global Public Health* and *PMRR Journal*, developed a Laboratory Information System at Government Hospital Karaikal, and completed an advanced epidemiology workshop at ICMR-NIE, Chennai, in January 2025. He was also invited as a judge for the NMC-IAPSM undergraduate essay competition and poster competitions on International Nurses Day. Dr. Karthik Balajee served as a resource person for public health outreach events such as Swachhata Pakhwada, World Health Day, World Population Day, and World HIV Day, participated as a delegate in Adult BCG Vaccination Training at IGMCRI Puducherry, and completed fire safety training at JIPMER Karaikal.

Dr.Avinash Kumar, Assistant Professor in the Department of Community Medicine, JIPMER Karaikal, actively contributed to routine academic and departmental activities during the reporting period from 1 April 2024 to 31 March 2025. He served as Officer-in-Charge of the Hepatitis B vaccination program for MBBS students and of the undergraduate curriculum within the department. He supervised Hepatitis B vaccination sessions conducted at Government Hospital Karaikal and participated in departmental health camps, contributing to community outreach and service delivery. In addition, he was involved in organizing and conducting a school health screening camp in collaboration with other departments, thereby strengthening interdepartmental public health initiatives.

Mr. Jefin Joseph, Medical Social Worker (MSW), Department of Community Medicine, JIPMER Karaikal, contributed significantly to community health and social support activities during the reporting period. As an MSW, his role focused on fostering meaningful interaction between individuals and society, with the aim of improving quality of life through individual, family, and community-based interventions grounded in psychosocial assessment and social diagnosis. During the year, he coordinated and participated in health awareness activities across schools and community settings, strengthening preventive health education. He liaised effectively with government and non-governmental organizations to facilitate welfare initiatives for individuals and communities under the institute's field practice areas. Notably, he supported an intellectually disabled adolescent by linking her to NIPMED for regular training and access to governmental financial assistance. He also helped local youth secure employment opportunities through referrals during community postings. Within the hospital setting, he facilitated patient consultations and treatment by coordinating with medical consultants, while also providing counseling support to both students and patients. These efforts highlight his integral role in bridging healthcare and social welfare, thereby strengthening the department's outreach and service delivery.

Administrative Assignments

Dr Preetam Mahajan is the officer in charge of – Department of PSM and research section at Jipmer Karaikal

Dr Karthik Balajee is the in-charge of the Department Stores and Department UG Assessment. He also served as the Coordinator of the Foundation Course, JIPMER Karaikal, Coordinator of the Annual Report, JIPMER Karaikal, and Coordinator, National Tuberculosis Elimination Program (NTEP) and National Tobacco Control Program (NTCP), JIPMER Karaikal. Coordinator for Fire Safety in the Department.

Dr Avinash Kumar served as the officer in charge of Hepatitis B vaccination for JIPMER Karaikal MBBS students. He is the officer in charge of the undergraduate curriculum in the Department of Community Medicine, JIPMER Karaikal. Supervised hepatitis B vaccination session at JIPMER Karaikal.

Research and Publications

1. GBD 2021 Tuberculosis Collaborators. Global, regional, and national age-specific progress towards the 2020 milestones of the WHO End TB Strategy: a systematic analysis for the Global Burden of Disease

Study 2021. Lancet Infect Dis. 2024 Jul;24(7):698-725.

2. **Laksham KB.** Integrating Video Feedback into Medical Education: A Pathway to Enhanced Clinical Competence. *J Heal Prof Educ Innov.* 2024;1:54–71.
3. Mehta P, Kiruthika S, **Laksham KB**. Effectiveness of health education on insulin injection technique in T2DM patients. *J Fam Med Prim Care.* 2024;13:5101–5107.
4. **Laksham KB.** Beyond The Lecture Hall. *Swasthya Sarvopari*, DGHS Quarterly Newsletter. 2025; Jan-Mar(5):28–9.

Book Chapters/Conference Proceedings

1. **Laksham KB,** Prabakar G, Balasubramanian A. *Aseptic Glove Donning and Doffing for Clinical Practice*. JIPMER, Karaikal.
2. **Laksham KB,** Saravanan N, Balasubramanian S. Artificial Intelligence Applications in Predicting and Preventing Complications in Maternal Health. In: *Explainable AI in Healthcare Systems*. Nova Publishers. 2024.
3. Mahadevan D, **Laksham KB,** Kumar A. Competency-Based Training using DOAP Method. *10th Research Day*, JIPMER, Puducherry, 2025. *(First Prize - Oral Presentation)*.
4. Prabakar G, L**aksham KB,** Balasubramanian A. Competency-Based Training in Aseptic Glove Donning and Doffing. *Sierra Meducatum*, Govt Medical College, The Nilgiris, TN.
5. Jeyakumari D, **Laksham KB,** Swarna S, Sevitha V. Comparing Peyton's Four-Step Approach and 'See One, Do One'. *Sierra Meducatum*, The Nilgiris, TN.
6. Sevitha V, Bharathi, **Laksham KB.** Epidemiological Analysis of Dengue Cases Detected via NS1 Antigen and IgM Antibody Tests in Karaikal. In: National Conclave on Vector-Borne Diseases, AIIMS Madurai.

Department of Dentistry

Department Faculty & Senior resident

- **Associate Professor:** Dr. Akilesh. R
- **Senior Resident:** Dr. Sundheep Kumar

Departmental Highlights of the year 2024-25

In the period of 2024-25, the Department of Dentistry at JIPMER Karaikal actively engaged in a range of educational and community outreach initiatives. Key activities included organizing the Oral Health Educators Training Programme for Primary School Teachers. In March 2025, the department also organized a series of events commemorating the Oral Health Day celebrations in association with State Health Authorities. Dr. Akilesh, served as a chairperson at the ACOMS 2024 International Conference, presented a paper which was adjudged as "Session Best Paper" award. Dr. Sundheep Kumar, the senior resident successfully achieved board certification under IBCSOMS.

Educational Courses

Undergraduate: MBBS

Postgraduate:

- SR (Oral and Maxillofacial Surgery - OMFS) - Non-Academic training

Other Training:

- Nursing Students (posted in Dept from other institutions) - Surgical Nursing in dental department
- Dental Officers - Skill Enhancement training in basic oral surgery, basic dental emergency & basic emergency trauma care/assessment

Departmental Activities for the year

Organised conference/ CME/ workshop

Local Workshop / CME:

- Workshop on "Feedback literacy for medical educators"
- Workshop on "Learning Strategies for effective teaching"

Training Program:

- Oral Health Educators Training Programme for Primary School Teachers

Faculty conference participation

- **Dr. Akilesh. R:** Delivered a talk on "Maxillofacial Trauma & Alcohol Use Operative Care & Management Principles" at the Annual AOMSI State Conference - TN & Pondicherry Branch, held in Trichy on September 20, 2024. He also delivered a lecture on "Current Evidence in Surgical Skill Acquisition and Learning to Train from Skill-Based Domains" and served as a Chairperson at the ACOMS 2024 International Conference in Chennai during 2024. Dr. Akilesh delivered an invited guest lecture on "Digital Determinants of Healthy Ageing" at the ICSSR-SRC sponsored National Seminar on "Social Security and Ageing Population in Viksit Bharat 2047," held at Pondicherry University, Karaikal campus, on February 13-14, 2025. Dr. Akilesh delivered an invited guest lecture on "Digital Determinants of Healthy Ageing" at the ICSSR-SRC sponsored National Seminar on "Social Security and Ageing Population in Viksit Bharat 2047," held at Pondicherry University, Karaikal campus, on February 13-14, 2025.

Participation in health camps/ public health awareness/ education programme

- **Dental Screening Camp at JNV School, Karaikal:** September 07, 2024. Organized by PSM Dept., JIPMER, Karaikal & JNV school, with 384 participants
- **Dental Screening camps (Swacchatha Pakhwada for housekeeping staff & Apath Mithtra Volunteers):** September 2024. Organized by Department of Dentistry / Dr. Akilesh. R & Dr. Sundheep Kumar (SR), with 20 participants
- **Oral Health education & Screening camp for Geriatric patients:** June 25, 2024. Organized by Department of Dentistry / Dr. Akilesh. R & Dr. Sundheep Kumar (SR), with 30 participants
- **Oral hygiene awareness talk in Diabetic patients attending at NCD clinic:** March 28, 2024. Organized by Department of Dentistry / Dr. Akilesh. R & Dr. Sundheep Kumar (SR) & Dept. of Dentistry, GH, Karaikal, with 25 participants
- **Oral Screening Camp in Jawahar Navodaya Vidyalaya:** 2024. Organized by PSM Dept., JIPMER, Karaikal & JNV school, with 200 participants
- **Oral hygiene Awareness talk on World Oral Health Day:** March 23, 2024. Organized by Department of Dentistry / Dr. Akilesh. R & Dr. Sundheep Kumar (SR) & Dept. of Dentistry, GH, Karaikal, with 20 participants

Awards and Honours

- Dr. Akilesh. R received a "Session best paper" award at the Asian Congress of Oral and Maxillofacial Surgeons (ACOMS), 2024 held at Chennai
- Dr. Sundheep Kumar successfully got International Board certification of Specialists in Oral and Maxillofacial Surgery (IBCSOMS) 2024 from the International Association of Oral and Maxillofacial Surgery(IAOMS)

Administrative Assignments

- Officer in-charge (Dentistry)
- Officer in-charge (Engineering Section)
- Member, Local Purchase Committee, JIPMER, Karaikal
- GeM Buyer for clinical departments at JIPMER, Karaikal
- NTEP (member)
- Invited External Expert Board of Studies, Sankalchand Patel University, Gujarat for Oral and Maxillofacial Surgery curriculum changes

Research and Publications

- **Research Completed in 2024-25:** Dr. Akilesh, was a co-investigator in a project lead by Dr. Vasanthan, Department of Pediatrics has been published in January 2025.
- **Grants obtained:** Two *projects ongoing and hence not applied for new intramural projects.*

Publications--Indexed Journals

- Ramasamy A. Assessing Pain Using Patient-Reported Outcome Measures: Pragmatic Considerations in Clinical and Research Settings. Journal of Oral and Maxillofacial Surgery. 2024;82(2):139-41.

Publications -- Non-indexed Journals: 2

- Palanisamy PR, Ramasamy A. Team and leadership training in medical students. National Journal of Pharmacology and Therapeutics. 2024;2(1):21-5.
- Thanigachalam V, Ramasamy A, Kumar N D, Sivamani K, G P, Jaya V. Impact of Language Learning Strategies on Enhancing Independent Neonatal History-taking Skills among Non Native Language-speaking Medical Undergraduates: A Quasi-experimental Study. Indian Journal of Neonatal Medicine and Research. 2025;13(1):PO24-PO27.

Book Chapters/Conference Proceedings: 1

1. Ramasamy A. Current Evidence in Surgical Skill Acquisition and Learning to Train from Skill-Based Domains. In Scientific Abstracts: 16th Asian Congress of Oral and Maxillofacial Surgery 2024, Chennai. J. Maxillofac. Oral Surg. 2024(Special Issue 1/2024)

Departmental statistics – (From 1st April 2024 to 31st March 2025)

Service	Approximate Volume (Annual)
Outpatient (OPD)	10528 (increased from approx. 9700 in 2023-24)
Inpatient (IPD)	363
Emergency	10-14 days emergency duty/month
Day care/OPD Extractions/ dentoalveolar procedures	1241
Other Minor Surgeries	437
Removal of Impacted teeth	114
Trauma (hard & soft tissue)	167 (increased from 87 treated in 2023-24)

Department of Dermatology

Faculty List

Assistant Professor & Office in-charge

- Dr Geethanjali S

Departmental Highlights of the year 2024-25

The Department of Dermatology has experienced a significant increase in the number of patients attending the outpatient department compared to last year, along with a rise in both procedures performed and inpatient admissions. The OPD also serves as a Designated STI/ RTI Centre (DSRC).

Educational Courses

- Undergraduate- 62 per year
- Undergraduate teaching program for the 2nd MBBS and 3rd MBBS. Teaching program includes both theory and bedside clinics.

Departmental Activities for the year

Organised conference/ CME/ workshop

Organised HIV/AIDS awareness programme for the staff and students of JIPMER, Karaikal as a part of intensified IEC programme rolled out by the Pondicherry AIDS Control Society on 03.10.2024.

Faculty conference participation

i. **Dr Geethanjali S** presented a poster at the Pediatric Dermatology Updates 2024 at NIMHANS, Bengaluru on 28/09/2024

ii. **Dr Geethanjali S** delivered a talk on paediatric acne in the CUTIS module of PEDICON, the national paediatrics conference organised by the Indian Academy of Pediatrics held on 08/01/2025 in Hyderabad.

Participation in health camps/ public health awareness/ education programme

i. **Camp** for Aapda Mithra's (NDRF) volunteers on 18.09.2024

ii. **Camp** for High-Risk Groups MSM/TG/FSW in cooperation with PACS and NGO on 25.09.2025

iii. Member of **Rapid Response Team** for Mpox in July 2024

iv. Faculty for STD awareness **talk** at NIT, Puducherry on 25.09.2024

v. Faculty for STD as a part of World AIDS Day **talk** at Mother Theresa Post Graduate Research Institute of Health Sciences, Karaikal on 03.12.2024

vi. **Camp** for High-Risk Groups MSM/TG/FSW in cooperation with PACS and NGO on 27.03.2025

Major events in Department

Histopathology services were started in the department.

Administrative Assignments

Assistant editor of Journal of skin and sexually transmitted diseases

Research and Publications

Publications--Indexed Journals

a. Sahadevan G, Shaj K. Paediatrics and genetics. Clin Exp Dermatol. 2024 Jul 19;49(8):939-940. doi: 10.1093/ced/llae118

b. Mathew BP, Sahadevan G. Majocchi's granuloma following steroid application. J Skin Sex Transm Dis. 2024; 6:223-4. doi: 10.25259/JSSTD_18_2024

c. Sahadevan G. Early-onset chik sign with dermoscopic features. J Skin Sex Transm Dis. doi: 10.25259/ JSSTD_23_2025.

Departmental statistics – (From 1st April 2024 to 31st March 2025)

Month	Out patients	In patients	Procedures
April 2024	1382	0	9
May 2024	1772	1	18
June 2024	2010	7	13
July 2024	2415	5	20
August 2024	2152	7	11
September 2024	2245	7	9
October 2024	1897	1	14
November 2024	2149	1	11
December 2024	1992	2	8
January 2025	1651	5	6
February 2025	1802	14	13
March 2025	1961	5	17

Department of ENT

Faculty List

Assistant Professor/ officer in charge: Dr. Vignesh.K M.S

Assistant Professor; Dr. Karthikeyan.R M.S.., DNB

Senior Resident (03/03/25 – 31/05/25): Dr. Anbarasi.G M.S.(ENT)

Audiologist/Speech therapist (Contract Post) -[07/07/23 - Till date]: Ms. K S Kalyani M. ASLP

Departmental Highlights of the year 2023- 2024 (100 words)

6th semester MBBS Teaching

OPD services in GGH, Karaikal

Elective Surgeries in GGH, Karaikal

Educational Courses

Departmental Activities for the year

1. MBBS – 6th semester
2. 2020 Batch – 62 students
3. 4 weeks of Clinical Classes and once a week Lecture Classes

Organised conference/ CME/ workshop –

OSTIUM '24—The 1st Hands-on Endoscopic Cadaveric Dissection Workshop was held at JIPMER from July 5th to 6th, 2024. Around 18 participants, including 10 dissectors, participated in the conference organised jointly by the ENT and Anatomy departments.

Faculty conference participation –

Dr Vignesh K, Dr Karthikeyan R – As Faculty in Parotid CME at JIPMER Pondicherry on 23/02/2025

Delivered an oration/ lecture in a CME/ symposium/ workshop –

Dr Vignesh K - delivered two orations on CRS – Diagnosis and management and outcome of FESS at Ostium 2024 at JIPMER Karaikal. Delivered an oration at the parotid CME at JIPMER Pondy on the role of FNAC and the pathological aspects of parotid tumours

Dr Karthikeyan R - Delivered an oration at parotid CME at JIPMER Pondy on Total conservative parotidectomy video presentation with tips to preserve the facial nerve. Delivered three orations on road map to FESS CT of maxilla, Balloon Sinuplasty and Road map to FESS CT of frontal sinus at Ostium 2024 at JIPMER Karaikal. Delivered a talk on World Hearing Day at VMMC Karaikal. Delivered a talk on World Hearing Day at GH Karaikal

Participation in health camps/ public health awareness/ education programmes

1. 02/04/24 voice awareness programs, Avvaiyar government college for women
2. 03/04/24 Autism awareness talks for nursing officers at Mother Theresa college
3. 04/04/24 Health checkups by paediatrician for autistic children and parent support group initiation
4. 09/04/24 AIR program on autism awareness
5. There was a one-day school health camp at Jawahar Navodaya School, Varichikudi Karaikal, in July 2024, during which around 200 schoolchildren were screened for ear and hearing problems.

Major events in the Department

1. Endoscopic DCR was performed for the first time
2. Debrider assisted with FESS surgeries
3. Audiology and speech therapy

Administrative Assignments

Dr. Vignesh K

- Member Secretary, IT Is working Committee and Officer-in-Charge, IT wing, JIPMER, Karaikal.
- Member – Sports and Library Committee, JIPMER, Karaikal

Dr. Karthikeyan R

- Officer-in-Charge of SIS security, JIPMER, Karaikal

Research and Publications

Research

Dr Vignesh K –

1. ICMR STS - A study among community health workers on knowledge, attitude and practices towards hearing screening in preschool children in Karaikal
2. UGRMC – Exploring mothers' experiences and perceptions of newborn hearing screening: A qualitative Study

Dr. Karthikeyan R

UGMC project title - Estimation of prevalence of nasal allergy and systemic allergy in patients with allergic rhinitis – A Hospital-based study

Publications--Indexed Journals

Included in PubMed

1. Ramasamy K, MS V, Karunakaran V, Shankar V, Surendran AK. Ear Mites as an Overlooked Source of Ear Itching and Tinnitus - A Case Series. Indian J Otolaryngol Head Neck Surg. 2024 Feb 1;76(1):1279–83.

2. Vishak MS, Ramasamy K. Swallowing Rehabilitation: Tracing the Evolution of Assessment and Intervention Approaches for Dysphagia over 30 Years. Indian J Otolaryngol Head Neck Surg. 2024 Apr 1;76(2):2171–5.
3. Lakshmanan J, Ramasamy K, Alexander A, Ganesan S. Tumour masquerading juvenile angiofibroma in a female; unveiling glomangiopericytoma-a rare sinonasal histopathology. BMJ Case Reports CP. 2024 Aug 1;17(8):e256667.
4. G A, Karunakaran V, S V. Elderly Female with Cranial Polyneuropathy. Indian J Otolaryngol Head Neck Surg. 2025 Jan 1;77(1):582–4.
5. Sr S, K V, S V, Bharathi, Jeyakumari. Mucormycosis Involving Maxillary Sinus. Journal of Case Reports. 2025 Jan 19;15(1):1–5

Departmental Statistics – (From 1st April 2024 to 31st March 2025)

Month	Out-Patient	In-Patient	Surgeries
April	1198	34	21
May	1148	39	36
June	1234	44	35
July	1592	47	34
August	1334	40	33
September	1519	29	33
October	1164	30	22
November	1086	19	22
December	1165	24	19
January	1162	22	24
February	1209	29	28
March	1546	26	28

Census: Audiological Services 2024-2025

Month, Year	PTA	Screening			Hearing Aid trouble shooting & counselling
		OAE	ABR	Immittance	
April '24	31	11	1	16	4
May '24	30	8	2	18	5
Jun '24	27	17	-	9	-
Jul '24	20	10	-	14	1
Aug '24	20	10	1	11	-
Sept '24	16	7	3	10	-
Oct '24	19	13	1	12	1
Nov '24	20	12	1	9	-
Dec '24	34	4	1	17	1
Jan'25	24	3	-	8	1
Feb'25	70	10	1	13	4
Mar'25	42	13	4	12	2

Census: Speech and Swallowing Therapy Services 2024-2025

Month, Year	Language disorders	Speech disorders	Swallowing
April '24	2	9	1
May '24	5	9	1
Jun'24	7	6	1
Jul' 24	7	4	1
Aug '24	9	2	1

Month, Year	Language disorders	Speech disorders	Swallowing
Sept '24	4	2	-
Oct '24	6	-	-
Nov'24	7	2	1
Dec '24	6	8	1
Jan '25	10	4	-
Feb '25	10	8	-
Mar '25	4	10	-

Department of Forensic Medicine and Toxicology

Faculty List

Faculties	Designation
Dr. Kumaran M	Assistant Professor
Dr. Shivakumar P	Assistant Professor

Departmental highlights

The Department of **Forensic Medicine and Toxicology**, JIPMER, Karaikal has started functioning since June 2017. The faculties have been involved in teaching Forensic Medicine and imparting medico-legal knowledge to the Undergraduate students. The department is at its budding stage. The faculties are striving together with a vision of developing a modernized mortuary complex, a well-equipped research laboratory and establishing a Clinical Forensic Medicine Unit. The Department collaborates with the Dept. of Forensic Medicine, GH Karaikal and involved in conducting medico-legal works.

Educational Courses

The Department provides training in Forensic Medicine for second year undergraduate MBBS students.

Departmental Activities for the year

Administrative Assignments

Dr Kumaran M

- In-charge of the Department of Forensic Medicine and Toxicology
- Officer in-charge of Estate Section
- Member secretary of house allotment committee
- Member of Scientific Society
    - National Academy Medical Sciences,
    - Indian Medical Association,
    - Indian academy of Forensic Medicine
    - Indian Society of Toxicology
    - South India Medico Legal Association

Dr Shivakumar P

- Assistant warden of boys hostel
- Member of sports committee
- Member of Scientific Society
    - Indian Academy of Forensic Medicine
    - Indian Society of Toxicology
    - Karnataka Medico Legal Association
    - South India Medico Legal Association

Research and Publications

Dr Kumaran M

1. Mukesh R, **Kumaran M,** Krishnadutt C. Examination Protocol of Dismembered Bodies in Railway Track: A Suggestive Review in the Indian Railways Backdrop. Indian Journal of Forensic and Community Medicine. (Accepted for publication)
2. Mukesh R, Shrikanthan G, Tamilarasan V, Sathyarajan N, **Kumaran M**. Age related Radiological Assessment of Medial Clavicular Epiphyseal ossification in population of Southern Part of India: A Retrospective Study. Indian Journal of Forensic and Community Medicine (Accepted for publication).
3. Mukesh R, Toi PC, Chaudhari VA, Pandiyan KS, **Kumaran M**. Death due to Clinically Undiagnosed Hematolymphoid Malignancy: An Autopsy Case Report and Review. Anil Aggrawal's Internet Journal of Forensic Medicine and Toxicology. (Accepted for publication)

Department of Medicine

Faculty List

Associate Professor and Officer-In-Charge

- Dr. Kalaimani. S

Departmental Highlights of the year 2024-25

The Department of Medicine at JIPMER Karaikal effectively managed a 28-bedded ward at GH Karaikal, maintaining an annual occupancy rate of 90-100% and providing care to 3,058 patients. The department actively contributed to undergraduate medical education, delivering comprehensive teaching for 1st, 2nd, and 3rd-year MBBS students. The faculty of the department was actively involved in facilitating workshops, delivering guest lectures on critical health topics, and participating in community health camps.

Educational Courses

Undergraduate – The Department is involved in Undergraduate teaching for 1st, 2nd and 3rd year MBBS Students. Annual intake of students is 61. Regular theory and clinical classes for all students, ECE classes for first year and Modular teaching classes are conducted for 3rd year MBBS students.

Departmental Activities for the year

Faculty conference participation –

Dr. Kalaimani. S facilitated a hands-on session on ' Basic Modes of Mechanical Ventilation' as part of the CME & Simulation based workshop on " Fundamentals of Mechanical Ventilation" conducted by the Department of Anaesthesiology, JIPMER Karaikal on 6.4.2024. He presented a poster "Vaccine Associated Mumps Following Intralesional Immunotherapy with MMR Vaccine for Warts – A rare case report" in the 14th Annual Conference of the Clinical Infectious Diseases Society -

CIDSCON 2024. He also chaired a session in the CME on "Thrombocytopenia and thrombosis in critically ill patients" conducted by IMA Karaikal & Meenakshi Hospital on 23.06.2024. He was a resource person for teaching Abdominal and Neurological Examination for Nursing students during the "Training programme on Health Assessment" conducted by MTPGRIHS, Karaikal. He gave a talk on "Clinical Manifestations & Management of HIV/AIDS" during the World AIDS Day Celebration conducted by MTPGRIHS, Karaikal. He was also a speaker for HIV AIDS Awareness program conducted on 3.10.24 at JIPMER Karaikal. He gave a guest lecture on Treatment Guidelines of Malaria, Dengue and Chikungunya during the "Training for Medical Officers on Vector Borne Diseases" conducted by ROHFW, Chennai on 7.1.2025. He delivered a keynote lecture on " Determinants of Healthy Ageing" during the National Seminar on 'Social Security and Ageing Population In Viksit Bharat 2047' organised by Pondicherry University on 14.2.25.

Participation in health camps/ public health awareness/ education programme

Dr. Kalaimani. S attended the Medical Camp at Karukankudi on 22.8.24 arranged by the District Collector, Karaikal. He also participated in a medical camp for Aapda Mitra's Volunteers at GH Karaikal on 18.09.2024

Major events in Department:

Awards and Honours

Dr. Kalaimani. S was awarded the 3rd Prize in CUTICON Kerala on 30.11.2024 for online LepQUIZ 2.0 for non Dermatologist Doctors conducted by IADVL, Kerala.

Administrative Assignments

Dr. Kalaimani. S is a member of the NTEP Committee of JIPMER Karaikal. He is also a member of Internal Complaints Committee for Women, JIPMER Karaikal.

Research and Publications

Publications -- Non-indexed Journals

1. Indhu S, Kalaimani S, Harish S, Ramalingam G. Role of Steroids in Paint Thinner Induced Chemical Pneumonitis. Journal of Association of Pulmonologist of Tamil Nadu. 2024 Sep 1;7(3):120-2.
2. Vasanthan T, Akilesh R, Kalaimani S et al. Impact of language learning strategies on enhancing independent neonatal history-taking skills among non-native language-speaking medical undergraduates: A quasi-experimental study. Indian Journal of Neonatal Medicine and Research. 2025 Jan, Vol-13(1): PO24-PO27

Book Chapters/Conference Proceedings

1. S Kalaimani, S Geethanjali, G Prabakar. Vaccine Associated Mumps Following Intralesional Immunotherapy with MMR Vaccine for Warts – A rare case report. Journal of Clinical Infectious Diseases Society. Jul-Sep 2024; 2(3):239 [Conference Abstract]

Departmental statistics –

The department manages a 28-bed ward, maintaining an annual bed occupancy rate of approximately 90-100% and treated 3,058 patients in the last year.

Department of Microbiology

Faculty list

Name	Designation
DR. D. JEYAKUMARI	PROFESSOR AND HEAD
DR. S.R. SWARNA	ASSOCIATE PROFESSOR

Background Information of the Department

Our department has made significant contributions to the District Model Laboratory at Government Hospital, Karaikal. The faculty undertake rotational duties, overseeing the functioning of all laboratory sections. At present, our focus is on establishing a fully equipped laboratory with advanced infrastructure to facilitate specialized investigations. This initiative will be a major step toward providing essential diagnostic services to the rural population.

Furthermore, our AMR surveillance project, executed by the AMROR team, is actively addressing the challenge of antimicrobial resistance, marking a significant contribution to public health in this region.

Educational courses

MBBS

Project & workshop:

1. Topical ciprofloxacin 0.3% versus topical moxifloxacin 0.5% as preoperative prophylaxis in cataract surgery- a double-blinded non-inferiority randomized controlled trial."
2. JIP/IEC/2022/067 entitled "Effect of Strengthening the Antibiotic Surveillance System on the Antibiotic susceptibility at JIPMER, Karaikal". An Operational Research
3. Completed the External Quality Assessment (EQA) program from IAMM Microbiology EQUAS conducted by the Department of Clinical Microbiology, Christian Medical College, Vellore, for 2024. Registration for the 2025 program has also been completed.

4. Organised the following events during Antibiotic Awareness Week, November 18-24, 2024. Prizes were distributed to the winners of the competitions. tThese activities had been done by our AMROR team (Dr SR Swarna. Dr Karthik balajee and Dr D Jeyakumari)
   a. Speech competitions for Nursing students of four nursing colleges at Karaikal
   b. Conducted a Rally towards awareness of AMR under the aegis of IAMM, Puducherry Chapter and AMROR team.
   c. Distribute the pamphlets in local language tamil to the public towards awareness of AMR
   d. Given the public speech about AMR prevention in the OBG OPD block at GH Karaikal.

Publications

1. Sankararaman Kandasamy, **Jeyakumari, D**, KandasamyChitresh Shankar, Vijayalakshmi Kandasamy, Priestly Vivekkumar S, Suresh Pichandi. Hand Hygiene Practices in Health Care Personnel in Tertiary Care Hospital of Kancheepuram District, Tamil Nadu. African Journal of Biological Sciences 2024:6(14) ; 9432-42.

Awards, Honours & Other personal achievements:

Dr D. Jeyakumari:

- Attended 47th Annual Conference of Indian Association of Medical Microbiologists" on 23rd – 26th November 2024, at Pune, Chaired the session on 'One Health approach"
- Resource person for "Standard Precautions", & Introduction to yoga for the foundation course for 2024 batch students
- Executive Member in IAMM Pondicherry Chapter
- Attended the Annual conference of IAMM Puducherry chapter on April 21 and 2021 batch students participated in the quiz program conducted in the conference, won first and second prizes by our students.

Dr S. Swarna:

- Resource person in foundation course for Tamil Language

Professional memberships:

Dr D. Jeyakumari:

- Life member in IAMM
- Post-doctoral member in American Society of Microbiology
- Life member in SIHAM

Dr S. Swarna: Life member in IAMM

Administrative, Patient care, Educational, Research and other assignments:

Dr D. Jeyakumari:

i. Departmental Administration- Head of the department
ii. External experts for PhD students in Bharat Vidyapeet University and Vinayaga Mission university
iii. Institutional Administration- Faculty In-charge of Academics
iv. Chairman of ICCW, JIPMER Karaikal
v. Member of Anti- ragging committee

Dr S. Swarna:

i. In Charge for 2021 batch MBBS
ii. Diagnostic laboratory In-charge

Patient Care Services

Laboratory Services (associated with General Hospital Karaikal)

Sl No	Name of the Investigation/Service	Total No. performed
1	Bacteriology (Culture)	1200
2	Virology (Dengue ELISA) +HBsAg +HCV	7000
3	Serology (WIDAL, RA, ASO, CRP)	4000
4	Parasitology (Stool examination)	150
5	Mycology (KoH, Culture)	150
6	Water analysis	1100
7	OT surveillance	48
8	Dialysis Water testing	Every 3 months
9	TRUNAT for COVID- 19, HCV and HBsAg	

Department of Obstetrics and Gynaecology

Faculty List

Assistant Professor & Officer In-charge: Dr .Nanthini Saravanan

Senior Resident: Senior residence on deputation since November 2024

Non-teaching staff list:

Junior Administrative assistant: Mr Aravind

Departmental Highlights of the year 2024-25

Member of faculty in Department of obstetrics and gynaecology along with anaesthesia and Obstetric team of district hospital Karaikal conducted one week

laparoscopy sterilization camp c and performed 12 laparoscopic sterilization surgery in the month of July 2024

Department of OBG received honour from district administration for their commitment and dedicated services in Implementation of women cancer screening outreach activities during "MakkalaiThedi Mavatta Aachiyar program in karaikal district.

Department faculty received Sevai sammmal award for her community service by Govt of Puducherry and Department of Women and child development .

Department faculty conducted 2 training program for medical and nursing officers of Karaikal district. They have also supported Karaikal general hospital obstetrics and gynaecology department by providing OPD services ,labourroom managements,emergency surgical assistance,providing stayduty services by senior residents and consultant cover by assistant professor. Faculty members serverd as a external examiner for undergraduate exams conducted by Dr.MGR medical university.

Educational Courses

The department is involved in the undergraduate teaching program(MBBS)

Departmental Activities for the year

Co-organised conference/ CME/ workshop

District-level workshop

1. Co-Organised lakshaya Training for labour room nursing staff on Intrapartum care .
2. Co-Organised family planning training for ,ANM and ASHA workers in karaikal district
3. Co-organised MTP and safe abortion care awareness training for PHC and CHC doctors in Karaikal District

Faculty conference participation

Delivered oration/ lecture in a CME/ symposium/ workshop

- **Dr .Nanthini Saravanan** has participated as faculty at TNFOG midyear conference association with FOGSI at Govt .thiruvannamalai Medical college on 7th to 9th September 2024
- She has participated as faculty at FERTIVA 2024 at VMMC ,karaiakal and delivered a talk on" Optimising Fetal health-A multidisciplinary Approach on 26th October 2024
- She has participated in the Vellore endocrinology international congress 2025 held on 10th and 11th January 2025 at CMC ,vellore.
- She participated in the 92nd **National course on Educational science for teachers of Health professionals** held from10th to 15th Feb 2025 at JIPMER Pondicherry .
- She was a resource faculty for a MEU Organised CME on Act, Reflect ,Learn: Role play as a teaching Tool in medical education on 28th feb 2025
- She has participated in the Capacity Building workshop for the red ribbon club co ordinators held on 26th march 2025 ,organised by Pondicherry AIDS control society.

Participation in health camps/ public health awareness/ education programme

- Delivered cancer awareness talk and Performed cervical cancer screening for the eligible women in three villages in karaikal district(manampet village ,Neravy and Nadukallam) , organised by District administration of karaikal ,on the occasion of "Makalai Thedi Mavatta Achiyar" during the month of August 2024 to january 2025
- Conducted cancer screening program for volunteers of civil defence and NDRF at GGH karaikal ,organised by district administration on 18th september 2024
- Resource person for vigyan jyoti programme at PM SHRI school jawahar Navodaya Vidyalaya ,karaikal on 10th july 2024 and 3rd january 2025
- BPNI lactation consultant - Organised a breastfeeding week celebration with the paediatric department in Jipmer Karaikal.

Administrative Assignments

Dr Nanthini saravanan. she is a member of the district quality assurance committee for family planning. She was also a lactation consultant in BPNI(breast feeding promotion network of India) . she had organised breast feeding week celebration along with paediatric department in Jipmer Karaikal.

Research and Publications

Grants Obtained (Intramural and Extramural)

Dr. Nanthini Saravanan -site PI-in Extramural multicenter study on the project Title :Reducing Caesarean Sections by Continuous Education (ReSCuE) and Implementation of strategic models for improvement - A Quality Improvement Study

Dr.Nanthini Saravanan—Co-Investigator in the intramural project titled: "Developing a prediction Model for correcting Intracellular biochemical analytes in hemolysed samples of newborn based on free plasma hemoglobin"

Dr.Nanthini Saravanan -Co-Authored a book chapter on the topic "Artificial intelligence and Explainable Artificial Intelligence Applications for Predicting and Preventing Complications in Maternal Health.

Patient care details

OPD statistics

Apr2023-Mar2024	No. Of cases
OPD cases	3560
OPD minor procedure	56
Pap smears	676
OPD scan	1653

IP statistics

Total admission	2885
Total deliveries	1185
Total tubectomy	418
Obstetric surgeries	886
Gynaecological surgery	204

Name of the procedure	No.of cases
Endoscopic procedures	
Laparoscopic sterilization	22
Diagnostic laparoscopy	05
Laproscopic cystectomy	01
Open /vaginal procedures	
TAH+BSO	12
Emergency laparotomy for pelvic abscess	03
VH with PFR	08
Obstetrics surgeries	
Elective and emergency caesarean sections	54
Emergency laparotomy for ectopic pregnancy	05
Cervical encirclage	04
Operative vaginal deliveries	09

Department of Ophthalmology

Faculty List

Associate Professor:

- Dr. G. Niruban – Officer-In-Charge

Assistant Professor:

- Dr. S. Rajalakshmi

Senior Resident

- Dr Goutham (April 16th till August 29th 2024)

Departmental Highlights of the year 2024-25 (100 words)

- Undergraduate teaching: Classes for the 2021 batch of third-year MBBS students commenced on July 29, 2024. Two faculties handled a total of 80 theory classes and 120 Clinical sessions.
- OPD**:** The total number of OPD cases seen was 5467 (April '24 to March '25).
- Operation theatre services: Performed 553 surgeries, including cataracts, Subluxated cataracts, lens colobomas, Pterygium, Dacryocystorhinostomy, dacryocystectomy, trabeculectomy, Ptosis correction, corneal Foreign body removal.

Educational Courses

The Department of Ophthalmology is constantly involved in teaching and research activities for undergraduate students. We also took part in the foundational course for 1st year MBBS students. We take advantage of every opportunity to use better teaching-learning methods for our students.

We have roped in students for public awareness activities (Glaucoma awareness and eye donation awareness) so that they continue to carry forward these qualities as future doctors.

Departmental Activities for the year

Participation in health camps/ public health awareness/ education programme

S.No	Name of the activity	Date	Venue
1.	Glaucoma screening camp with awareness talk	11.3.25	PHC Thirunallar
		12.3.25	PHC Varichikudy
2.	Glaucoma Awareness talk	12.3.25	All India Radio
3.	Glaucoma Awareness talk	10.3.25	Nursing college
4.	Glaucoma Awareness talk	10.3.25	Avvaiyar College
5.	Poster Competition on Glaucoma	10.3.25 to 17.3.25	JIPMER-Karaikal
6.	Awareness Rally for eye Donation fortnight	03.09.24	JIPMER to Collector Office

S.No	Name of the activity	Date	Venue
7.	Eye Screening camp	07.09.24 and 09.09.24	Jawahar Navodya Vidyalaya
8.	Eye Screening camp	09.09.24	Konnakavali, Varichikudy.

Faculty conference participation –

Dr. Niruban G participated in multiple ophthalmology conferences, contributing through presentations and e-posters. He presented on Complex Cataract Surgeries at the South Asian Academy of Ophthalmology Conference held in Bhutan from 21st to 23rd September 2024. Later, at the 7th Annual Eastern India Zonal Ophthalmological Congress in Kalimpong from 29th November to 1st December 2024, he delivered talks on Secondary IOL Implantation with Iris Claw Lens and Management of Fungal Keratitis. Additionally, he presented an e-poster titled "Advance and Cut" – A Safer Treatment Option in Barbed Fish Hook Injury of the Eyelid in a Child at the IIRSI Conference in Amritsar on 1st and 2nd February 2025.

Dr. Rajalakshmi S was actively involved in academic, clinical, and community outreach activities during the year. She conducted an "Awareness Talk and Sensitization on Eye Donation" through engaging role plays at Mother Teresa Nursing College, Karaikal, and delivered a lecture on "Assessment of Eye" as part of the Health Assessment module for nursing students at the same institution. At TNOA 2024 held in Chennai, she presented two free papers titled "Does Dermatosis Mirror in the Eye?" and "Fishing Habits: Its Attributes to Dry Eye among Fisherfolk in a South Indian District." Additionally, she served as a faculty member in the instruction course on "Non-Optical Low Vision Aids – Enhancing the Visual Benefits."

Major events in the Department:

i. **Dr. Niruban G** received appreciation from His Excellency, **the Health Minister of the Royal Kingdom of Bhutan**, in the recently concluded South Asian Association of Ophthalmology (SAO) Conference at Bhutan. The appreciation was for securing runners-up in the Poster podium presentation at the 16th SAO Conference.

ii. Step up in OT services to perform complicated cataract, trabeculectomy surgeries, and oculoplasty procedures to avoid referrals.

iii. MBBS III year students **Mr Animesh Srivastava, Mr Aravind Kumar M and Ms Shreeatshaya P** stood **second** in the Ophthalmology Quiz held in JIPMER Puducherry on the occasion of World Glaucoma Week 2025. (82 teams participated in the preliminary round, and 6 teams qualified for finals)

Administrative Assignments:

i. Dr Niruban G: Member of LRA Committee, Officer-in-Charge of Hostel-Boys'

ii. Dr Rajalakshmi: Officer-in-Charge of Hostel-Girls', Officer-in-charge of Departmental Academics.

Research and Publications

Grants obtained

Intramural research project of **Dr Niruban G**

S.No	Name of the Faculty	Amount	Period of Grant	Grant Agency
1.	Dr Niruban G	88000	03.02.23 to 01.01.26	JIPMER

Publications—Pubmed Indexed Journals

1. Ganesan N, Narayana S, Gubert J, Bhosale NK, Sundar B. Clinical, microbiologic, and treatment outcomes of dematiaceous fungal keratitis - A retrospective study. Indian J Ophthalmol. 2024 Dec 1;72(12):1721-1727
2. Ganesan N, Narayana S, Gubert J, Bhosale NK, Sundar B. Authors' response to comments on clinical, microbiologic, and treatment outcomes of dematiaceous fungal keratitis - A retrospective study. Indian J Ophthalmol. 2024 Dec 1;72(12):1812-1813.

Non-pubmed indexed

1. **Selvaraj R**, Krishnamoorthy S, Vaithianathan V, Tipandjan A. Outcomes of OcxyLon Plus (4% Chondroitin Sulfate and 3% Sodium Hyaluronate) on Endothelial Cell Count in Cataract Surgeries with Systemic Comorbidities. *Indian Journal of Cataract and Refractive Surgery*. 2024 Apr 1;1(2):125-9

Departmental statistics – (From 1st April 2024 to 31st March 2025)

MONTH	OPD	OT
APRIL	549	57
MAY	465	46
JUNE	476	78
JULY	470	91
AUGUST	382	44
SEPTEMBER	521	46
OCTOBER	399	41
NOVEMBER	354	30

MONTH	OPD	OT
DECEMBER	363	20
JANUARY	494	49
FEBRUARY	460	41
MARCH	534	35
Total	5467	578

Department of Orthopaedics

Faculty List

Assistant Professor: Dr. N. Arulkumar

Departmental Highlights of the Year 2024–25

The Orthopaedics Department at JIPMER Karaikal achieved significant milestones including the initiation of spine and joint replacement surgeries, and establishment of emergency trauma servics. The department expanded surgical capacity and enhanced undergraduate clinical training. Faculty actively contributed to national and international platforms, advancing orthopaedic regenerative medicine, sports injuries and trauma care.

Educational Courses

Undergraduate: MBBS – Clinical teaching for 2nd and 3rd-year students

Postgraduate: None

Ph.D./Paramedical/Others: None

Conference participation

1. Faculty presentation about the outcomes of subchondral BMAC administration strategies in 7th International regenerative medicine, Brazilian Institute of regenerative medicine, OrthoRegen 12-16th March, 2025, Maceio, Brazil.
2. Dip SICOT Examination for young orthopaedic surgeons. 44th SICOT Orthopaedic World Congress, 25-27th Sep 2023, Belgrade, Serbia
3. Chair Person: Advanced trauma care system. IMA Karaikal. 23rd June 2024.
4. Role of Orthobiologics in the delayed union of bone. Regenerative medicine and Stem cell therapy conference, May 16, 2024, JIPMER Pondicherry.
5. Cultured biologics in orthopaedics. Regen Med Conclave, 28th June 2024. Dr MGR Educational and Research Institute & ACS Medical College- Hospital, Chennai
6. 1st Regenerative Medicine Conference on 3-4th August 2024 at Tamilnadu Multi-super specialty Hospital, Omandurar Estate, Chennai
7. Cultured biologics in orthopaedics. ICOR-IORACON, 14th Biennial International Congress & Indian Orthopaedic Rheumatology Association, 10-11th August 2024, Varanasi
8. Osseous Tissue Engineering, 5th Global Regenerative Medicine Summit (GRMS), Chennai (21th -23th Nov 2024)
9. Chondral lesions management and future perspectives, Pondicherry knee arthroscopy conclave (PKAC) 16th November 2024 conducted by Dept of Orthopaedics JIPMER, Puducherry
10. Faculty in PG teaching program and Orthobiologics session in the 69th Annual conference of Indian Orthopaedics Association (IOACON), 2nd -7th Dec 2024
11. Faculty in PG teaching program and Sports Medicine session in the 14th Annual conference of Pondicherry Orthopaedics Association (POACON), 3rd-5th Jan 2025, conducted by Dept of Orthopaedics JIPMER, Puducherry

Awards and Honours

- Honoured by Govt of Puducherry for the excellence in trauma and emergency care services during the 78th Independence Day
- Secured CSR grant from ONGC Karaikal
- Two international & Multiple national-level recognitions for academic contributions

Administrative Assignments

- Office In-charge, Dept. of Orthopaedics
- Member, National TB Elimination Program Core Committee at JIPMER Karaikal

Research and Publications

- Efficacy of Dialkylcarbamoylchloride (DACC)-Impregnated Dressings in Surgical Wound Management: A Review. *European Burn Journal* (2025)
- Integrative review of the gut microbiome's role in pain management for orthopaedic conditions. *World Journal of Experimental Medicine, WJEM* (2025).
- Efficacy of Autologous Adult Live-Cultured Osteoblast (AALCO) Implantation in Avascular Necrosis of the Femoral Head: A Mid-Term Outcome Analysis. *Indian Journal of Orthopaedics JOIO* (2024).
- Combating antimicrobial resistance in osteoarticular infections: Current strategies and

future directions. *Journal of Clinical Orthopaedics and Trauma JCOT* (2024).

- Beginning of the era of Organ-on-Chip models in osteoarthritis research. *Journal of Clinical Orthopaedics and Trauma JCOT* (2024).
- Ozone therapy in musculoskeletal medicine: a comprehensive review. *European Journal of Medicinal Research*(2024).

Department of Pathology

Faculty List

Senior Professor & Head: Dr Balamurugan M (Prof)

Associate Professor: Dr Niraimathi M

Dr Arun Kumar K

Assistant Professor: Dr Norton Stephen

Departmental Highlights of the year 2024-25

The Pathology department has started histopathology services. Basic diagnostic services like peripheral smear and cytology have increased by 2 - 6% (YoY). Monthly interdepartmental meetings - Dermatopath and Clinicopathological case-review meetings were initiated. Community outreach programs are conducted to create awareness for cervical cancer screening. We have implemented problem-based learning (PBL), Team-based learning (TBL) and several gamifications like cards & rooms and connections in the classrooms. A Faculty development workshop on TBL was conducted at JIPMER Karaikal. Dr Niraimathi is the resource person for the PBL session in the National Course for Teachers of Health Professionals, organised by NTTC JIPMER.

Educational Courses (Courses and number of students intake per year)

Undergraduate : 2 batches of MBBS [Batch 2022 - 64; Batch 2023 - 63]

Departmental Activities for the year :

Organised conference/ CME/ workshop

National Conference/workshop

Dr. Niraimathi conducted a session on Problem-based learning at the 91st and 92nd National Course on Educational Science for Teachers of Health Professionals organised by the Department of Medical Education (NTTC) JIPMER on 24.09.2024 and 11.02.2025 at JIPMER, Puducherry. Around 25 faculty members from all over the country participated.

Local workshop / CME

The Department of Pathology and MEU organised and conducted a Faculty development workshop in Team-based learning (TBL) at JIPMER Karaikal on 13.04.2024. Around 30 faculty members and Senior residents participated.

Dr. Niraimathi was one of the resource persons for the session on Learning Strategies organised by MEU at JIPMER Karaikal on 27.09.2014. Around 20 faculty members and Senior residents participated.

Faculty conference participation –

Delivered oration/ lecture in a CME/ symposium/ workshop

Dr Balamurugan M gave a guest lecture on 'Stem Cells in Cancer' in a webinar organised by IMA MSN - Tamil Nadu on 26.07.2024. **Dr Niraimathi M** delivered a talk on 'Pathological perspective of SLE' in the CME on 'Unravelling the mysteries of SLE – A multidisciplinary approach' at AVMC, Puducherry on 31.08.2024. She presented a paper (oral) at 'GRACE 2024', an International Conference on AETCOM at PIMS Puducherry [21.08.2024] and did a poster presentation at CYTOCON 2024 organised in AIIMS Jodhpur [17.11.2024]. **Dr Arun Kumar K** was the guest speaker on 'Diagnosis of Cancer: A potpourri approach' in the CME on Oncopathology at VMMC&H, Karaikal on 25.07.2024. **Dr Norton** spoke as a guest on 'Patho'genesis' of Diabetes Mellitus' in the CME on 'Diabetes- Insights And Management Opportunities Now(DIAMOND)' GMC, Nagapattinam on 21.11.24. He also spoke on 'Possible avenues of Deep Learning tool in cancer Pathology' at the AICTE-sponsored workshop on 'Harnessing AI for Medical Signal and Imaging Diagnostics' at NIT Puducherry on 09.12.24. He presented a poster at the International Sarcoma conference at CMC Vellore [6-8 Dec, 2024].

Participation in health camps/ public health awareness/ education programme

Dr Niraimathi M participated in the health camps at Manampet, Neravy and GH Karaikal and was involved in training medical students in health education to create awareness for cervical cancer & screening (PAP smear) with the Dept. of OBG, JIPMER Karaikal.

Major events in Department

New services started:

The Department of Pathology started histopathology services in February 2025, after training the technician in-house and externally at JIPMER, Puducherry.

Administrative Assignments

Office bearer in Standing National / State Academic / Educational or Scientific committees or Government approved academic / scientific bodies - Nil

Member in constituted Institute Committees

a. Prof Balamurugan - 1. Associate Dean, 2. Chairman - House Allotment committee, 3. Warden, (till 2024)
b. Dr Niraimathi M - 1. Assistant warden (till 2024), 2. NTEP core committee member, 3. Mess incharge
c. Dr Arun Kumar K - 1. Sports committee I/C, 2. Nodal officer for elections, Coordinator of Electoral literacy club (ELC), 3. GeM Buyer
d. Dr Norton Stephen - Website committee I/C

Office bearer in National / State or Inter-institute committees or Government-approved academic / scientific bodies

Dr Niraimathi is a core committee member of the NTEP (National TB Elimination Program) in JIPMER Karaikal. She is a guide for a student project on TB that got selected for GJ STRAUSS, and the proposal was presented and approved by the committee.

Research and Publications

Research Completed in 2024-25

Title: Problem-based Integrated Module for Active learning of Pathology - A Potpourri approach.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount (INR)	Period of Grant	Grant Agency
Dr.Norton (PI), Dr Niraimathi (CI)	4,00,000 (approved in JSAC)	2024-2026	Intramural - Early career intramural research grant
Dr Niraimathi M (Guide)	60,000 (will be released at the end of project)	2024-2026	Extramural - ICMR STS
Dr Arun Kumar K (Guide)	10,000 (student receive after project submission)	2024-2025	Intramural - GJ STRAUSS
Dr Niraimathi M (Guide)	10,000 (student receive after project submission)	2024-2025	Intramural - GJ STRAUSS

Patents applied for / awarded

Dr Arun Kumar K - Areca leaf-based containers for urine sample collection - application under process (waiting for technical evaluation)

Publications--Indexed Journals

Stephen N, Jeyaraman R, Srinivas BH, Dileep J, Nagendran P, Manivannan P. Leukemia cutis as an initial presentation in a case of mixed phenotype acute leukemia: a double jeopardy. Int J Clin Exp Pathol. 2024 Aug 15;17(8):252-256.

Book Chapters/Conference Proceedings

Stephen N, editor. Renal Pathology. In: Text of Pathology. 2nd ed. Elsevier publisher 2024.

Departmental statistics – (From 1st April 2024 to 31st March 2025)

Outpatient, inpatient and laboratory services provided during past one year in tabular format

Table 1: Stats of Basic diagnostic services at GH Karaikal for 2024

Month - 2024	No. of FNAC & Fluid cytology	No. of Peripheral Smears	No. of PAP smears	No. of Indirect Coombs test
Apr	57	65	53	5
May	65	80	50	-
Jun	61	98	35	9
Jul	63	163	51	2
Aug	76	176	67	3
Sep	52	177	61	3
Oct	53	214	48	7
Nov	55	179	37	5
Dec	77	220	61	5

Month - 2024	No. of FNAC & Fluid cytology	No. of Peripheral Smears	No. of PAP smears	No. of Indirect Coombs test
Jan	66	222	94	5
Feb	66	273	54	6
Mar	57	239	65	5
TOTAL	**748**	**2106**	**676**	**55**

Note: No. of neoplasms diagnosed in FNAC in 2024 - 205 [malignancy - 25 (3.3%)]

Table 2: Stats of Histopathology services started recently

Month - 2025	No. of Histopathology samples
Feb	11 (Neoplasm - Benign: 3; malignant - 3)
Mar	30 (Neoplasm - Benign: 4; malignant - 1)

Note: No. of neoplasms diagnosed in Feb, March 2025 - 11 [Benign - 7; Malignant – 4

Department of Pediatrics

Faculty List

Associate Professor

1. Dr Vasanthan T (Officer-in-charge)
2. Dr Dinesh Kumar. N

Departmental Highlights of the year 2024-25

The department has consistently provided high-quality patient care services at Karaikal GH. There has been a notable rise in patient footfall across various services (OPD/IPD and ICU). The strengthened clinical capabilities at Karaikal GH have significantly reduced the need for patient referrals to other facilities.

In collaboration with Karaikal GH, the department has conducted multiple training programs for staff nurses and medical officers. The department has played an active role in the planning and development of the future hospital at Karaikal. The department's efforts over the past year have resulted in improved patient care, increased service utilization, and enhanced staff capabilities at Karaikal GH.

Educational Courses (Courses and number of students intake per year)

Undergraduate courses: 62 students/year

Departmental Activities for the year

World Breastfeeding Week Celebration (August 1st Week, 2024)

The department organized a series of events to promote breastfeeding awareness during World Breastfeeding Week. Activities included interactive sessions with healthcare providers, and community outreach programs at Karaikal GH. The initiative aimed to highlight the benefits of breastfeeding for infant health and maternal well-being.

National Newborn Week Celebration (November 3rd week, 2024)

To mark National Newborn Week, the department conducted awareness campaigns and training programs focused on newborn care. Events included hands-on demonstrations for mothers on neonatal health practices, seminars for students on advanced neonatal resuscitation.

Autism Awareness Month Celebration (April 2024)

The department spearheaded Autism Awareness Month activities to foster understanding and support for individuals with autism spectrum disorder. Key events included public seminars and interactive sessions with caregivers.

All India Radio Talks on Public Health Topics

The department actively participated in All India Radio talks to educate the public on critical health issues. Topics covered included:

- **Breastfeeding**: Importance and best practices for maternal and child health.
- **Dog Bite**: Prevention, first aid, and the importance of rabies vaccination.
- **Autism**: Raising awareness about early identification and support systems.
- **Vector-Borne Diseases**: Preventive measures and community strategies to combat diseases like dengue and malaria. These radio talks reached a wide audience, amplifying the department's public health messaging.

Organised conference/ CME/ workshop

Local workshop / CME

1. Workshop on Advanced Neonatal Resuscitation Program (Third Week of November 2024)

   A workshop was conducted for GH staff nurses, focusing on advanced neonatal resuscitation

techniques. The program was attended by 30 staff nurses, equipping them with critical skills to manage neonatal emergencies effectively. This workshop was funded by Karaikal GH.

2. Facility-Based Newborn Care Training (Third week of January 2024)

   The department actively participated in the FBNC training program for medical officers and staff nurses at Karaikal GH. The training, attended by 50 participants, covered essential aspects of facility-based newborn care to improve clinical outcomes in neonatal units. This workshop was funded by Pondicherry government.

Faculty conference participation – Delivered oration/ lecture in a CME/ symposium/ workshop

Dr Vasanthan T participated as external expert in training MD postgraduates at NNF Shine program conducted by National Neonatology Forum, India in July 2024**. Dr Vasanthan T** presented original paper in the National Neocon held at Mahabalipuram in the first week of December, 2024. **Dr Vasanthan T** has attended as observer in advanced NRP training program and promoted as Advanced NRP instructor in March 2025.

Research and Publications

Compile consolidated list for full department and not under individual faculty names

Research Completed in 2024-25

1. **Title:** Impact of Language Learning Strategies on Enhancing Independent Neonatal History taking Skills among Non Native Language speaking Medical Undergraduates: A Quasi-experimental Study

   Conclusion: Social language learning strategies were predominantly used by medical undergraduates to develop independent neonatal history-taking skills in a non native (Tamil) language

2. **Title**: Awareness and Knowledge of Dyslexia among Primary School Teachers in Southern Rural India – A Cross-Sectional Survey (ICMR STS project)

   Conclusion: The study found that 25% of rural government primary school teachers lack adequate knowledge of Dyslexia. The study suggests making Special Education Training SET mandatory and creating teacher support groups to improve teacher knowledge and recommends further research to understand the barriers teachers face regarding Dyslexia.

Grants obtained (Intramural and extramural)

Name of the Faculty	Amount	Period of Grant	Grant Agency
Dr Vasanthan T	5000	2021	Intramural
Dr Vasanthan T	10000	2023	Intramural

Patents applied for / awarded

INSERTION DEVICE AND METHOD OF WORKING OFTHE INSERTION DEVICE (Application no: 202341001057)

Publications--Indexed Journals

1. Jaiswal R, **Tanigasalam V***, Gupta G. The Transport Profile and Outcomes of Sick Outborn Neonates Admitted to Tertiary Care Hospital in Uttar Pradesh: A Cross-sectional Study. Journal of Neonatology. 2024;0(0). doi:10.1177/09732179241286399
2. Uggina TGM, Venkatesh K, Vasanthan T, Anantha Krishnan S. Can prophylactic oral dextrose solution prevent hypoglycemia in high risk newborns? Int J Res Pharm Sci. 2024 Apr;15(2):42–7.
3. **Vasanthan T**, Akilesh R, Kalaimani S, Kumar ND, Prabakar G, Jaya V. Impact of Language Learning Strategies on Enhancing Independent Neonatal History- taking Skills among Non Native Language-speaking Medical Undergraduates: A Quasi-experimental Study. INDIAN J NEONATAL Med Res [Internet]. 2025 Mar 31 [cited 2025 Apr 29];
4. Tanigassalam S, **Tanigassalam V**, Malapure SS. Role of Diuretic Renography and Ultrasonography in Pelvic Ureteric Junction Obstruction among Infants: A Prospective Interventional Study. INDIAN J NEONATAL Med Res [Internet]. 2024; Available from: http://dx.doi.org/10.7860/ijnmr/2024/69341.2425

Departmental statistics – (From 1st April 2024 to 31st March 2025)

Outpatient, inpatient and laboratory services provided during past one year in tabular format

OPD	14,440
IPD	1,746
NICU	284

Department of Pharmacology

Faculty List

Associate Professor

1. Dr. R. P. Priyadharsini M.D., Officer in Charge of the Pharmacology Department
2. Dr.Divyashanthi C.M M.D., D.N.B, MBA, MNAMS, (ACME)

Assistant Professor

- Dr. Kiruthika. S M.D

Senior resident

- Dr.R.Dhivya M.D

Departmental Highlights of the year 2024-25

In the year 2023-24, 60 students appeared for their final second year examinations, out of which all the students successfully cleared the pharmacology exams with good marks.

Educational Courses

The Department of Pharmacology, JIPMER Karaikal, Puducherry was started in July 2017. The faculty and senior residents contribute significantly to undergraduate theory and practical teaching as per the integrated MBBS curriculum and research activities norm. The areas of research interest are mainly focused on Pharmaco-epidemiology, Drug utilisation, and Pharmacovigilance. The faculty also contributes significantly to the foundation courses for first-year MBBS students conducted by the Medical Education Unit, JIPMER Karaikal.

Departmental Activities for the year

The sensitivity programme was conducted among agricultural college students at Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal, and another sensitisation programme was conducted among healthcare professionals at the Government General Hospital, Karaikal. Finally, a valedictory function at JIPMER-Karaikal

Activities done during the NPW 2024

Interactive sessions with agricultural college students regarding the Adverse drug events and the importance of reporting ADRs. A talk on the importance of reporting adverse drug events was given to health care professionals trained to fill out an ADR form. Video Skit competition and Poster competition were conducted for MBBS students. The total number of ADRs collected was 30.

Faculty conference participation –

1. Dr.R.P.Priyadharsini presented a paper entitled "Correlation of antibiotic resistant pattern among the clinically significant isolates from wards with WHO AWaRe assessment tool in Secondary care hospital" in the national conference IntPCON GOACON 2024 held on GOA medical college on September 21 and 22, 2024
2. Dr.R.P.Priyadharsini invited as judge for one of the paper presentation sessions in the national conference IntPCON GOACON 2024 held on GOA medical college on September 21 and 22, 2024
3. Dr. Priyadharsini RP judged the MBBS students seminar event on electron transport chain and biological oxidation in the Department of Biochemistry, JIPMER Karaikal on 27.2.2024
4. Dr.R.P.Priyadharsini completed the three-month course on ICMR-DHR certificate programme for Good Clinical Practice at SRM Centre for Clinical Trials and Research from September 16, 2024, to December 14, 2024.
5. Dr.R.P.Priyadharsini completed the Jipmer Advanced Research Methodology course (JACRM-one year course) on August 30 , 2024
6. Dr.R.P.Priyadharsini completed the JIPMER NTTC course from the dates February 10 to 15 , 2025
7. Dr.R.P.Priyadharsini completed the course "Understanding clinical research: Behind statistics" on July 11, 2024
8. Dr.R.P.Priyadharsini-Invited subject expert in panel committee for the selection of regular non-teaching staff in NIT, Puducherry on 16.10.2024
9. Dr. Divyashanthi C.M. was invited as a guest speaker and delivered a talk on "The Pharmacological Management of Common Poisoning" in the CEP on Pharmfest - 24: A Gateway to Pharma Excellence at Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research on 11.09.2024.
10. Dr. Divyashanthi C.M. presented a paper titled "Illustrating Emotions: Reflection on medical students' experiences with cadaver disrobing" at GRACE 2024 – International Conference and Workshop on AETCOM at PIMS, Puducherry.
11. Dr. Divyashanthi C.M. served as a judge for the Oral Paper Presentation session during the International Conference on Patient Safety and the 22nd Annual Conference of the Society of Pharmacovigilance, India at AIIMS, Bhopal.
12. Dr Divyashanthi CM is selected to pursue the Advanced course in Medical Education at the NMC Nodal centre, NTTC JIPMER Puducherry, February 2025
13. Dr Divyashanthi CM completed the three months certificate course on Good clinical practice from April to June 2024 by SRM CCTR Medical College, Katankalathur
14. Dr.Kiruthika.S, presented paper National conference -Evaluation of impact of health education on insulin injection technique in patients with type 2 diabetes mellitus at primary health care centre in South India presented in IPSCON Delhi November 2024
15. Dr.Kiruthika.S, presented paper National conference, Impact of an educational intervention on knowledge, attitude and practice of expired and

unused drugs disposal among medical students in a tertiary care hospital presented in APPICON ESI CHENNAI, December 2024

16. Dr.Kiruthika.S, attended workshop on Logistic regression, CMC Vellore – August 2024.

Participation in health camps/ public health awareness/ education programme

1. Dr. R. P.Priyadharsini, as project coordinator of the ADR monitoring centre in JIPMER Karaikal, organised the pharmacovigilance programmes in Karaikal
2. Dr. R. P.Priyadharsini, resource person handled a session on 'Team and leadership skills' for the Foundation Course, MBBS students 2024 batch
3. Dr.Divyashanthi CM, Resource person for the various activities conducted during the Pharmacovigilance Awareness Week (17th -23rd Sept 2024)
4. Dr.Kiruthika.S, Organising team & Resource person for the various activities conducted during the Pharmacovigilance Awareness Week (17th -23rd Sept 2024)
5. Dr.Kiruthika.S, Resource person for session on "Pharmacotherapy of Diabetes mellitus" in CME on Diabetes mellitus conducted on 21/11/2024 at Government Medical College, Nagapattinam
6. Dr. Kiruthika.S, resource person handled a session on English for the Foundation Course, MBBS students 2024 batch.
7. Dr. Dhivya.R, Organising team for the various activities conducted during the Pharmacovigilance Awareness Week (17th -23rd Sept 2024)
8. Dr. Dhivya.R, resource person handled a session on 'Time management & study skills' for the Foundation Course, MBBS students 2024 batch.
9. Dr. Kiruthika.S, Phased JIPMER advanced course in research methodology, biostatistics and ethics course. August 2024
10. Dr. Kiruthika.S, Value added course in pharmacovigilance and materiovigilance by SRIHER, Chennai Aug- Sep 2024
11. Dr.Dhivya.R, Value added course in pharmacovigilance and materiovigilance by SRIHER, Chennai Aug- Sep 2024

Awards and Honours

Administrative Assignments

- Dr.R.P.Priyadharsini is the officer incharge of the department. She is also a member of SC/ST book committee. She is the project coordinator of Adverse Drug Reaction (ADR) Monitoring Centre and also incharge of central stores. She is the signing authority for indenting pharmacy related items.
- Dr. Divyashanthi C M serves as the Officer in charge of the Medical Education Unit and the Deputy Coordinator of the ADR Monitoring Centre. She also functions as the Coordinator of the Foundation Course for MBBS students, in addition to overseeing the Department Stores and managing the Department's Fire Safety responsibilities.
- Dr.Kiruthika S is the Student Advisor for JIPMER Karaikal. She is also a member of the anti-ragging committee JIPMER Karaikal and a member of the NTEP committee JIPMER Karaikal. She is the consignee for the purchase of second-year GEM equipment.

Research and Publications

Research Ongoing in 2024-25

Faculty name	Title	Type/funded
Dr. R. P. Priyadharsini Principal Investigator	Impact of active and passive educational intervention in the reporting of adverse drug reactions at various health care centres in Karaikal Puducherry	Faculty/non funded
Dr. R. P. Priyadharsini	Prevalence of antibiotic resistant bacteria among the cultured isolates obtained from raw chicken samples in Puducherry and its correlation with WHO bacterial priority pathogen list and AWaRe assessment tool	ICMR STS 2024-Funded
Dr. R. P. Priyadharsini	Evaluation of the antibiotic resistance pattern among the clinically significant isolates from wards and its correlation with WHO AWaRe assessment tool in secondary care hospital.	ICMR STS 2023/Funded

Faculty name	Title	Type/funded
Dr. S. Kiruthika (Guide)	Impact of educational intervention on mothers regarding over-the-counter drugs use in children among rural areas of a south Indian district	ICMR STS 2024/funded
Dr. S. Kiruthika (Co – investigator)	Impact of Active and Passive Educational Interventions in The Reporting of Adverse Drug Reactions at Various Health Care Centres in Karaikal, Puducherry	Faculty project/ intramural funding

Research Projects completed

Dr. R. P. Priyadharsini- Impact of COVID-19 pandemic lockdown on access to healthcare services and adherence to medication among non-communicable disease patients in Karaikal, Puducherry **(UGRMC Non-funded)**

Dr.S.Kiruthika - Impact of an educational intervention on knowledge, attitude and practice of expired and unused drugs disposal among medical students in a tertiary care hospital **(ICMR STS 2023 Funded)**

Poster presentation:

International: Dr Divyashanthi C.M. presented a poster titled "Paronychia and PRIDE: Unmasking the hidden side effect of EGFR inhibitors in Lung Cancer management" at the International Conference on Patient Safety and the 22nd Annual Conference of the Society of Pharmacovigilance, India at AIIMS, Bhopal.

Publications--Indexed Journals

- **Priyadharsini RP,** Parasuraman S, Puli S, Raveendran R. A Review on the Poisonous Plant Cleistanthus collinus. *Journal of Pharmacology and Pharmacotherapeutics*. 2024;15(3):213-220. doi:10.1177/0976500X241257741
- Sandhya, Kalidas; **Palanisamy, Priyadharsini R**.; Sandhya, R.. COVID-19 pandemic versus six "A"s of health care services – accessibility, affordability, availability, appropriateness, adequacy, and adherence. Journal of Family Medicine and Primary Care 14(4):p 1320-1324, April 2025. | DOI: 10.4103/jfmpc.jfmpc_1535_24
- Mehta P**, Kiruthika S**, Laksham KB. Effectiveness of health education on insulin injection technique in patients with type 2 diabetes mellitus: A quasi - experimental Pre - test post - test research. J Fam Med Prim care. 2024;13(11):5101–7

Publications -- Non-indexed Journals

- **Palanisamy, Priyadharsini Raman**[1]; Elango, Dhivya[2]; Ananthy, A. Vimala[3]. Daprodustat - First-ever hypoxia-inducible factor prolyl hydroxylase inhibitor approved for renal anemia. National Journal of Pharmacology and Therapeutics 3(1):p 9-14, Jan–Apr 2025. | DOI: 10.4103/NJPT.NJPT_62_24
- **Divyashanthi CM,** "Think about it! Routes of administration" in the Cool Corner section of Rx Factor Newsletter by National Association of Pharmacology and Therapeutics Pg no 23-25, Volume 9 April 2024
- **Divyashanthi CM,** Saranya Raghavan ,Vijaykishan B, Niraimathi M Illustrating Emotions: Utilizing Rich Pictures to Explore and Reflect on Medical Students' Experiences with Cadaver Disrobing" in the souvenir released during GRACE 2024, International conference on AETCOM at PIMS Puducherry Aug 2024
- **Divyashanthi CM,** Geethanjali sahadevan ,Kalaimani Sivamani. Paronychia – in the conference proceeding of International Conference on Patient safety, SOPICON 2025 held at AIIMS Bhopal Feb 2025

Department of Physiology

Faculty list

Associate Professor and Officer-In-Charge:

Dr. Arunkumar. B

Associate Professor:

Dr. Karthik. M

Senior Resident:

Dr. Shaheed

Departmental highlights

Education is the core pillar of the department, and we provide our MBBS students with comprehensive knowledge of physiological principles and their clinical applications. Our teaching methods include didactic lectures, small group discussions, problem-based learning, tutorials, and student seminars. Additionally, we organize clinical case discussions to help students connect their basic knowledge of Physiology with real-life medical scenarios.

Educational course

MBBS – 61 students/ year

Departmental Activities for the year:

Faculty conference participation:

Dr. Arunkumar. B was a resource person for the National Conference on "Cerebral Blood Supply-Innovations and Insights" conducted by the Dept of Anatomy, Saveetha Medical College, Chennai.

Awards and Honours:

- **The 1st-year MBBS students (Batch 2023-24)** secured First, Second and Third prizes in the State level Intercollege Quiz competition conducted by VMMC, Karaikal.
- **Mr Piyush Dewangan (MBBS student),** under the guidance of Dr Karthik.M, has won 1st place for "Research proposal presentation" at CONAISSANCE-2025.

Administrative Assignments:

Dr. Arunkumar. B

- Officer-In-Charge, Department of Physiology, JIPMER, Karaikal
- Officer-In-Charge of GeM, JIPMER, Karaikal
- Core Team Member of IT Wing, JIPMER, Karaikal
- Core Team Member of Biomedical Equipment Committee, JIPMER, Karaikal
- Core Team Member of Anti-Ragging Committee, JIPMER, Karaikal

Dr. Karthik. M

- Faculty In-Charge -Stores, Department of Physiology, JIPMER, Karaikal
- Officer-In-Charge of Transport Section, JIPMER, Karaikal

Research and Publications

Research Completed in 2024-25

S No.	Name of the project	Name of the faculty (PI/Co-invest)	Funding Agency	Duration	Sanction
1	Evaluation of the influence of obesity markers on Ventricular Activation Time, QRS duration and PEFR in young adults	Guide: Dr. Karthik M	ICMR-STS 2023	1 year	Rs.50,000/-

Grants obtained (Intramural and Extramural):

S No.	Name of the project	Name of the faculty (PI/Co-invest)	Funding Agency	Duration	Sanction
1	Study of the impact of smokeless tobacco and smoking tobacco on ventricular repolarisation measures in young adults.	Guide: Dr. Karthik M	ICMR-STS 2024	3 years	Rs.20,000/ year
2	Evaluation of sympathetic function and anxiety level in sleep-deprived subjects compared to the normal population	Guide: Dr. Arunkumar B	GJ-Straus 2024	1 year	Rs.10,000/-

Research Publications- Indexed journals:

Arunkumar B. Comparative analysis of visual evoked potentials in obese and non-obese individuals: A cross-sectional study. World J Biol Pharm Health Sci. 2024; 20(1):494–6.

Department of Surgery

Faculty list

Dr. Prabakar G, Associate Professor and Officer in charge

Dr. Balasubramanian A, Assistant Professor

Senior resident – on rotation basis from JIPMER, Puducherry

Clinical activities

a. The department provides outpatient department (OPD) services five days a week at the Government General Hospital, Karaikal.

b. The department provides elective surgeries (one operating table per week) and emergency surgeries (one night duty per week), including open and laparoscopic surgeries, at the Government General Hospital, Karaikal.

c. The department provides diagnostic endoscopy service (1 day/week) and coordinates referral services to JIPMER, Puducherry.

Academic activities

a. The department provides regular undergraduate training for the second and third MBBS students in theory and clinical classes (80 theory and 250 clinical classes, a total of 830 hours/academic year).
b. Regular ward leaving exams and Internal assessment exams are conducted per the schedule.
c. The first MBBS students also have early clinical exposure in coordination with the pre-clinical subjects.
d. External examiner for conducting Part II MBBS Practical and Viva examinations by Tamil Nadu Dr MGR Medical University.

Departmental activities

Administrative assignments

1. Officer in charge of the Department of Surgery, JIPMER, Karaikal.
2. Member of the IT working committee, JIPMER, Karaikal.
3. Dr Balasubramanian A – OIC for Parking and Signage.

Medical Education

Conducted a skill training program for the interns on Aseptic glove donning and doffing technique with the assistance of the faculty of the Department of Community Medicine on 19th November 2024 and released the module on 6th December 2024 at a session in the Medical Education program.

Conferences –

1. Attended and presented e-poster at WCES-IAGES 2024 conducted at Kolkata, India (23- 26th Oct 2024), paper presentation at ASICON 2024 conducted at Agra, India (11- 14th December 2024) and paper presentation at SIERRA MEDUCATUM 2025 conducted at Ooty, India (6- 8th March 2025).
2. Resource person (Speaker and Examiner) at TANCME SUCCESS 2024, conducted at the Government Medical College, Thanjavur (18- 19th October 2024) and Chairperson and Examiner at 7th JIPMER Surgery Update 2025, conducted at JIPMER, Puducherry (29- 30th March 2025).
3. Dr Balasubramanian--Resource person (Quiz master) at DIAPEDICON 2024, conducted at ESIC Medical College and Hospital, Chennai on August 14th, 2024.

Departmental statistics

a. OPD cases – 1200/month
b. IP cases – 50/month
c. Elective surgeries – 12-16/month
d. Minor procedures – 120-150/month
e. Upper GI endoscopies – 20/month
f. Night duties – 4-5/month

Central Library, JIPMER Karaikal

Introduction

General info

The Central Library, JIPMER Karaikal is located at the ground floor of the Academic campus.

Eligible Users and Membership

Faculty, Residents, students of JIPMER and other medical and para medical staff.

Timings & Holidays

The Working Hours of the Central Library is from 9.00 AM to 08.30 PM and it is open round the year except national holidays and other seven festival holidays in a year and outer reading room of the Library will be kept opened till 12.00 am in the night around the year including national and public holidays.

Administration

Dr. Arul Vijaya Vani. S
Officer-in Charge Central Library
Associate Professor, Biochemistry
JIPMER, Karaikal

Mr.Pamba Naveen
Stenographer
Central Library
JIPMER, Karaikal

Library Committee Members:

Dr. JayaKumari - Chairman
Dr. Vignesh - Member
Dr. Dinesh Kumar - Member
Dr. Saranya - Member
Dr. Arul Vijaya Vani. S - Officer In-Charge

Service provided

Issue Section

The issue section has 773 books as on 31.03.2025 and are displayed in 36 shelves for issue to the eligible members of the Library.

Reference Section

The reference section has 508 books as on 31.03.2025 and are arranged in 24 shelves which are available for reference to the eligible members of the Library.

Book bank: 291 books

Conference Alert service

Forthcoming conferences, seminars, workshops & competition pamphlets & circulars are displayed in the notice board of the Central Library for the information of the users.

Question Paper Collection

The Central Library has previous years question papers for U.G. & P.G. courses for reference of the users of the Library. It is maintained by the Stenographer of the Central Library.

Computer Lab & Internet services

Internet facility is available free of cost to the users during the working hours.

Digital e – library

The Central Library, JIPMER karaikal have access to all the digital content available at The Central library JIPMER Puducherry which includes various e books, e journals, softwares like uptodate, MYLOFT, Clinical key etc. Access is available for an unlimited number of users 24x7on all days (365 days).

Statistics for the Year 2024-25	
Members	
New members	27
Members issued no due certificate	65
User Statistics (Library)	
Faculty and staff	24
Students	11043
Total	**11067**
Books	
Total No. of Books Available in Central Library – Reference & Issue Books	1572
Income earned under different headings	
Overdue Penalty (Rs.)	710

Engineering Section, JIPMER, Karaikal

Introduction

The Engineering Department of JIPMER, Karaikal is working to provide a robust and reliable infrastructure support essential for the seamless operation and future growth of the institution. At present the section co-ordinates the routine day to day maintenance of the residential and academic complex and working in tandem with the JIPMER Karaikal Hospital Construction Project Team.

Staff architecture

Officer-In-Charge: Dr. Akilesh. R

List of staff:

Junior Engineer (Electrical) – **Mr. Vipin Chand**

Junior Engineer (Civil) – **Mr. Pradeep Kumar** (Resigned on 17 December, 2024)

Facilities / Services offered

The Engineering section plays a crucial role in managing JIPMER, Karaikal's infrastructure. Its core responsibilities include **Hospital Construction Oversight**, currently junior engineers (Electrical) are actively engaged in regularly monitor the construction Site of the new hospital, they ensuring compliance with plans and standards, and reporting to competent authorities (On verbally or through WhatsApp communication). In addition, the Registrar submits progress reports to the Project Coordinator at JIPMER Puducherry on behalf of the Engineering Section (Office of the Dean), as per instructions from the Dean.

The team is also responsible for **Regulatory & Safety Compliance**, guaranteeing that all buildings meet electrical, civil, and environmental safety guidelines. A significant part of their work involves **Electrical and Civil Maintenance** across the medical college, hostel, academic, and residential campuses. This includes coordinating with agencies like CPWD for proactive upkeep of electrical infrastructure, civil structures, and HVAC systems, with JEs overseeing and doing the work and escalating issues as needed.

Additionally, verification of preliminary estimate of all new civil/electrical works and **Electrical and Other Utility Bill Management**, meticulously monitoring consumption, verifying accuracy, and processing timely payments. The section also c**o-ordinates with the Fire Safety Team** on electrical and civil safety audits and management of **Emergency Situations** and safety incidents.

Training conducted during the year 2024-25

The Junior Engineer (Electrical) helped organize a number of training programs for contractual staff at Residential and Academic campus during the year 2024-2025 as follows.

S. no:	Date of event	Name of event	Number of Participants	Brief details of Event
1	10.01.2024	HVAC, BMS Training	10	For CPWD Staffs, BMS Training conducted

S. no:	Date of event	Name of event	Number of Participants	Brief details of Event
2	22/03/2024 28/03/2024 05/04/2024 12/04/2024	Fire Safety Training	105	Fire Safety Training conducted by JIPMER Karaiakal, Fire Safety Team to Faculty & administrative staff, civil/ electrical maintenance personnel, security personnel and housekeeping staff.
3	27/08/2024	Lift Rescue Training	10	Lift Rescue Training for electrical maintenance personnel, security personnel and housekeeping staff, Resident Members.
4	18/02/2025	10 KW Solar System Training.	10	Solar Power Equipment Training for contractual staff
5	19/02/2025	STP, ETP Training	10	ETP/STP functionality training for contractual staff

GeM Section, JIPMER Karaikal

Introduction

The GeM team oversees and facilitates the transparent and efficient procurement of goods and services through the GeM portal.

Staff architecture:

Officer-In-Charge: *Dr. Arun Kumar B*
Associate Professor, Dept. of Physiology, JIPMER Karaikal

List of staff: Number under each category
GeM Buyers: 5 nos.
GeM Consignees: 5 nos.
Store Keeper/ JAA: 4 nos.
Attendants: 1 no

Name and Designation of GeM Committee members:

S. No.	GEM BUYER Name and Designation	GEM CONSIGNEE Name and Designation
1	Dr. Vignesh K., Associate Professor	Dr. Rajalakshmi S., Assistant Professor
2	Dr. Arun Kumar K., Associate Professor	Dr. Kiruthika S., Assistant Professor
3	Dr. Vijaykishan Bheemavarapu, Assistant Professor	Dr. Arun Kumar B., Associate Professor
4	Dr. Akilesh R., Associate Professor	Dr. Balachandar S., Associate Professor
5	Dr. Dinesh Kumar N., Associate Professor	Dr. Geethanjali S., Assistant Professor

Facilities / Services offered:

The GeM (Government e-Marketplace) Team at JIPMER Karaikal is pivotal in ensuring the transparent, efficient, and timely procurement of goods and services essential for academic, clinical, and administrative operations.

Services

- The committee oversees the procurement process through the GeM portal, including raising requirements, vendor selection, comparative analysis, and placing orders.
- All purchases are made strictly following Government of India procurement guidelines, ensuring full compliance, accountability, and elimination of middlemen.
- The committee facilitates procurement across a broad spectrum ranging from biomedical equipment, laboratory instruments, IT infrastructure, office equipment consumables and non-consumables to meet the diverse needs of departments and sections, academic, and patient care activities at GGH Karaikal.
- The committee ensures proper communication with vendors for timely delivery and installation of goods and coordinates returns or replacements when necessary.
- Detailed records of all transactions, approvals, and correspondence are maintained for audit and institutional reference, ensuring traceability and institutional transparency.

New facilities/services/events in the year 2024-25:

- ERRC 2024-25 purchase procurement was initiated.
- The ERRC purchase request was approved for an estimate of Rs.1,70,02,000.00 (Rupees one crore for seventy lakh and two thousand only). The details of the purchases are mentioned in the below table:

FINANCIAL YEAR 2024-25	
ERRC purchase approval amount	Rs.1,70,02,000.00
Total number of item categories approved	21
Purchased value so far	Rs.32,21,038.00

Census of activities in the year 2024-2025\

S.No.	Name of the Dept.	Name of the Equipment	No. of Units	Approved amount	Purchase value (Rs.)
1	Anatomy	Embalming table	01 No.	1,50,000.00	1,55,000.00
2		Smart TV	01 No.	1,00,000.00	71,900.00
3	Anaesthesiology	High-Performance AI-based Point of Care Ultrasound Unit for ICU, Emergency, OT and Pain Clinics	01 No.	30,00,000.00	0.00
4		Target Controlled Infusion pump	01 No.	3,00,000.00	0.00
5	ENT	Pure tone Audiometer	01 No.	10,00,000.00	6,36,300.00
6		Temporal bone Dissection workstation	01 No.	23,00,000.00	0.00
7		HD camera unit for Endoscopic surgery	01 No.	30,00,000.00	0.00
8	IT Wing	All-in-One PC	40 Nos.	30,00,000.00	0.00
9		Multifunction Printer with SPDF	08 Nos.	3,52,000.00	0.00
10		Multifunction Printer with Flatbed Scanner	12 Nos.	3,00,000.00	0.00
11	Microbiology, Physiology, Biochemistry	Laboratory Refrigerator	04 Nos.	6,00,000.00	5,99,800.00
12	Microbiology	Bacteriological Laboratory Incubator	01 No.	2,00,000.00	1,22,851.00
13	Ophthalmology	Fully Automatic noncontact tonometer with pachymetry	01 No.	6,00,000.00	11,11,448.00
14		Clinical Specular microscope	01 No.	12,00,000.00	0.00
15	Pediatrics	Newborn Resuscitation Simulator	02 Nos.	2,00,000.00	0.00
16		Newborn Intubation Trainer	01 No.	1,00,000.00	1,39,512.00
17		Pediatric Basic Life Support Trainer	01 No.	1,00,000.00	55,368.00

S.No.	Name of the Dept.	Name of the Equipment	No. of Units	Approved amount	Purchase value (Rs.)
18		Infant Airway Trainer	01 No.	1,00,000.00	0.00
19		Newborn Lumbar Puncture Trainer	01 No.	1,00,000.00	72,105.00
20		Pediatric Pneumothorax Trainer	01 No.	1,00,000.00	1,98,254.00
21	Physiology	12-Channel ECG Machine	02 nos.	2,00,000.00	58,500.00
				1,70,02,000.00	**32,21,038.00**

- Both the GeM Team and the Purchase Section combined conducted a purchase review meeting on July 2024 for the ERRC approved items from 2022 till now.

Guest House Section

Introduction

Guest House, JIPMER Karaikal is currently being used for providing stay to the faculty, Resource persons of the Workshops/ Conferences, Interns and senior residents. It is also being used for providing stay to the MBBS student parents & CPWD related persons on official payment basis.

Staff architecture:

Officer-In-Charge**:** Dr. Vijaykishan Bheemavarapu (Since 01/01/2025)
Assistant Professor
Department of Anatomy

Dealing Assistant: Mr. Satish Kumar S
Junior Administrative Assistant

Facilities / Services offered

Guest House, JIPMER Karaikal has following facilities in Ground floor:

1. Hall with TV & Sofa set
2. 2 Bed rooms
3. 1 bed room with attached bath room
4. 1 without attached bath room
5. Dining
6. Kitchen
7. 1 common bath room
8. Balcony
9. Another room just after entrance on left side

Guest House, JIPMER Karaikal has following facilities in First floor:

1. 2 bed room with attached bath room
2. Balcony
3. Hall

Census of activities in the year 2024-25:

Statistics for the Year 2024-25		
User Statistics	**Number**	**Official payment rupees**
Student parents	3	8064
Assistant engineer	1	1803.80
Total	**4**	**9867.8**

Medical Education Unit (MEU)

Introduction

The Medical Education Unit (MEU) at JIPMER Karaikal serves as a focal point for enhancing the teaching and learning environment. It is responsible for organising various educational events, including workshops and Faculty development programs for faculty members and senior residents. The MEU's activities cover diverse areas such as innovative teaching methods, assessment strategies, professional development, and the integration of technology in medical education, with the overarching goal of improving pedagogical practices and student learning outcomes.

Staff architecture:

Officer-In-Charge: Dr. Divyashanthi C M MD., DNB, MBA, MNAMS,(ACME) Associate Professor, Department of Pharmacology

List of staff: Mrs Episiboy – Stenographer

Facilities / Services Offered:

The MEU facilitates faculty development and promotes best practices in medical education through the organization of workshops, training programs, and interactive sessions. These events cover a range of topics crucial for educators, including Problem-Based Learning (PBL), Team-Based Learning (TBL), conflict management, effective learning strategies like retrieval practice, innovative teaching methods such as Think-Pair-Share and Jigsaw methods, assessment tools like

long case assessment, enhancing practical skills in the Competency-Based Medical Education (CBME) framework using methods like Peyton's method, feedback literacy, exploring global medical education systems, and the application of AI tools in research and education.

New facilities/services/events in the year 2024-25:

From 2024 to 2025, the Medical Education Unit organized several significant events aimed at faculty and senior residents, focusing on enhancing teaching skills and knowledge in medical education:

- A Sensitization Workshop on **Team-Based Learning (TBL**) was held on April 13, 2024. This workshop introduced participants to TBL principles and methodologies.
- A workshop titled "**Nuts and bolts of Conflict Management**" with external resource faculty was conducted on 27th July 2024. It aimed to orient faculty and senior residents on effective conflict resolution approaches in healthcare.
- An interactive MEU Session on Innovative Teaching Methods titled "**Innovate and Energise: Teaching Methods Over a Cup of Coffee**" took place on 31st August 2024. Speakers shared experiences with the Think-Pair-Share and Jigsaw methods.
- A session on Learning Strategies titled "**Learning that Lasts: Effective Learning Strategies"** was organized on September 27, 2024. It focused on evidence-based teaching strategies aligned with high-utility learning techniques, particularly retrieval practice.
- A MEU session on **"Long case as an assessment tool in Medical Education**" was held on 25th October 2024. Discussions included inherent pitfalls, formative vs. summative assessment roles, improving reliability through observation and structuring, scoring methods, and assessment domains.
- An insightful session titled **"Enhancing Practical Skills in CBME**: Training & Assessment Approaches (Part I)" was hosted on November 29, 2024. And the Part II session on 6th December 2024. It sensitised faculty to the CBME framework and discussed structured approaches to skill training and assessment using methods like Peyton's method and "See one, do one".
- A Training Programme on "**Feedback Literacy for Facilitators/Educators**" titled "Feedback: Way UP & Forward" was held on January 24, 2025. It focused on enhancing feedback literacy and exploring strategies to improve feedback effectiveness.
- A session on **"Roleplay as a teaching tool in Medical Education"** was conducted on February 28, 2025. The session covered its diverse applications in simulations, virtual labs and multidisciplinary team training for both UG and PG.
- A session on "**Three Systems and One Goal:** Decoding Medical Education Across Continents – Part 1" was presented on March 28, 2025. This session explored various medical education and healthcare systems, with a special reference to the UK model.

Web link:

The event updates and photographs are available at the webpage of JIPMER Karaikal -Medical Education Unit .

Census of activities in the year 2024-25

S. No.	Date	Title of Session/Workshop	Key Focus Areas	Resource Person(s)
1	April 13, 2024	Sensitization Workshop on Team-Based Learning (TBL)	Introduction to TBL principles and methodologies	Dr Niraimathi M Dr Balamurugan M Dr Arunkumar K Dr Divyashanthi CM
2	July 27, 2024	Nuts and Bolts of Conflict Management	Conflict resolution in healthcare; session with external expert faculty	From Pondicherry Institute of Medical Sciences
3	August 31, 2024	Innovate and Energise: Teaching Methods Over a Cup of Coffee	Innovative teaching methods – Think-Pair-Share, Jigsaw	Dr Saranya R Dr Vijaykishan B

S. No.	Date	Title of Session/Workshop	Key Focus Areas	Resource Person(s)
4	Sept 27, 2024	Learning that Lasts: Effective Learning Strategies	Evidence-based strategies; high-utility learning techniques; retrieval practice	Dr Dineshkumar N Dr Akilesh R Dr Niraimathi M
5	Oct 25, 2024	Long Case as an Assessment Tool in Medical Education	Formative vs. summative use, reliability, structuring, scoring methods	Dr Vignesh K Dr Karthikeyan R Dr Karthik Balajee L
6	Nov 29, 2024	Enhancing Practical Skills in CBME: Training & Assessment Approaches (Part I)	Skill training in CBME; Peyton's method, 'See one, do one'	Dr Karthik Balajee L Dr Jeyakumari D Dr Swarna
7	Dec 6, 2024	Enhancing Practical Skills in CBME: Training & Assessment Approaches (Part II)	Continued focus on structured approaches in skill development	Dr Karthik Balajee L Dr Prabakar G Dr Bala subramaniam A
8	Jan 24, 2025	Feedback: Way UP & Forward – Feedback Literacy for Facilitators/ Educators	Enhancing feedback literacy, improving effectiveness of feedback delivery	Dr Akilesh R
9.	Feb 28, 2025	Role plays as a teaching tool in Medical Education	The effectiveness of using role play in both teaching and reflection	Dr Nanthini Saravanan
10	Mar 28, 2025	Three Systems and One Goal: Decoding Medical Education Across Continents – Part I	Comparative discussion on medical education systems; special reference to the UK model	Dr Preetam B Mahajan

Nursing Department, JIPMER, Karaikal

Introduction

The Nursing Department at JIPMER, Karaikal, is crucial in patient care delivery and health education. Nursing encompasses autonomous and collaborative care for0 individuals of all ages, families, groups, and communities, whether sick or well, across all settings. Key nursing roles include health promotion, illness prevention, care for ill, disabled, and dying individuals, advocacy, fostering a safe environment, research, participation in shaping health policy and health systems management, and education. The department was established in February 2021 by recruiting 150 nursing officers and began providing services at JIPMER, Puducherry campus. Nursing services in Karaikal commenced with four nursing officers at GGH, Karaikal. Currently, 30 nursing officers are deployed at GGH, Karaikal, providing services across various departments.

Staff Architecture

- **Officer-In-Charge:** Dr. Jaya V (Associate Professor, Department of Anaesthesiology)
- **Stenographer:** Mrs. Episiboy
- **Store Keeper:** Mr. Soosai Raja Raghavan
- **Nursing Officers:**
  - Mr. Sathish Kumar P (Medical Ward)
  - Ms. Manjuladevi M (Opthal OT)
  - Mrs. Apsara N (Opthal OT)
  - Mrs. Jeyasuriya J (Labour Room)
  - Mr. Dhayalapriyan S (OT)
  - Mrs. Dhanya L (Maternity OPD)
  - Mr. Asharam Jat (OT)
  - Mrs. Arul Jothi A (Casualty)
  - Mr. Jerish M Basheer (CD Ward)
  - Mr. Arya R S (OT)
  - Ms. Aaritha K (OT)
  - Ms. Saranya S (Hemodialysis Ward)

- Mr. Manu George (Opthal Ward)
- Mrs. Ida Caroline N (Post Operative Ward)
- Mrs. Jenifer K (Post Operative ward)
- Mrs. Nivya M (Medical WARD)
- Mr. Ubaidulla U P U M (Surgery ward)
- Mr. Afzan Ibnu Kalam KP (OT)
- Mrs. Kani Mozhi I (Dental OPD)
- Ms. Arul Dhen Mozhi (Ortho ward)
- Mrs. Nandini N (OT)
- Mr. Ramesh Irappa Javali (OT)
- Mrs. Divya. M.P (Medical Ward)
- Mrs. Drishya T (ENT OPD)
- Mr. Arunlal K (Surgery Ward)
- Mrs. Indirani M (Medical Ward)
- Mrs. Mohanapriya R (Medical Ward)
- Mrs.Ponmani C (Medical Ward)
- Mrs. Isha M R (OT)
- Mrs. Kuresiya M (Medicine OPD)

Facilities / Services offered

The Nursing Department provides essential nursing services across various departments at GGH, Karaikal. Additionally, the department is responsible for organising bimonthly super speciality services from JIPMER, Puducherry, which are held at GGH, Karaikal.

Conferences and Workshops Attended by Nursing Officers:

- Mrs. Jennifer, Nursing Officer, attended the 4th National Conference on "Emergency and Trauma Care Nursing (NCETN)" on October 17th and 18th, 2024, at JIPMER Puducherry.
- Nursing Officers Ms. ARUL DHEN MOZHI and Mrs. Jennifer K attended a conference on "Leadership in Hospital and Infection Control for Nursing personnel ToT" from February 24th to 28th, 2025, at JIPMER Puducherry.
- Nursing Officers Mr. Asharam Jat and Mr. Dhayalapriyan S attended a workshop on "Turbocharge Research & Medical Education with free AI tools" on April 5th and 6th, 2025, organized by the Medical Education Unit, JIPMER, Karaikal campus.
- Nursing Officer Mr. Dhayalapriyan S attended the National Conference on "Redefining Boundaries: Excellence And Innovation In Critical Care Nursing" from June 19th to June 20th, 2025, organized by the Department of Nursing services, JIPMER, Puducherry.

Nurses Day Celebration

JIPMER Karaikal commemorated International Nurses Day on May 12th, 2025, in accordance with the global theme: "Our Nurses. Our Future. Caring for nurses strengthens economies." The occasion honoured the dedication and compassionate service of the nursing staff. The program featured a welcome address delivered by Mr. Arunlal, Nursing Officer, and a keynote speech by Dr. Kusa Kumar Saha, Dean of JIPMER Karaikal, accompanied by contributions from Dr. Balamurugan, Associate Dean of Academics; Lt. Card. Rajkumar, Registrar; and Dr. Jaya V, Associate Professor and Officer In-charge of the Nursing Section. The traditional Lighting of the Lamp Ceremony was conducted, symbolizing knowledge and service, with the lamp being lit by Dr. Kusa Kumar Saha, Dr. Balamurugan, Lt. Card. Rajkumar, and Dr. Jaya V. Subsequently, the Florence Nightingale Pledge was recited by Mrs. Isha, Nursing Officer, reaffirming the commitment to ethical and compassionate nursing care. Cultural and thematic presentations comprised a speech on the Nurses Day theme by Mr. Manu George, Nursing Officer, and a Tamil poem by Mrs. Kanimozhi, Nursing Officer. The event was graciously hosted by Mrs. Ponmani, Nursing Officer, and concluded with a vote of thanks articulated by Mrs. Jennifer, Nursing Officer.

Annexures

Annexure 1 Hospital Statistics

Highlighted Figures for the of Financial Year – 2024-25

Sl. No.	Details	No. of Pts.
01	Total Outpatients Attendance	14,09,940
	a) Total New Cases	2,75,141
	b) Total Old Cases	11,34,799
02	Daily Average *Outpatient Attendance*	4,731
03	Total Casualties (EMSD) Cases	68,337
	a) Main Casualty (EMSD) Cases	51,416
	b) OBST & GYN Casualty Cases	807
	c) Paediatric Casualty Cases	16,114
04	Daily Average Casualties (Emsd)Cases	187
05	Total Admissions	81,942
06	Total Discharges(Including Deaths)	81,575
07	Daily Average OccupiedInpatients Census	1559
08	Bed Occupancy Rate	85.2
09	Total Deliveries (Births)	9,590
	Live Births	9,460
	Still Births	130
10	Total Investigations	85,78,421
	a) Bio chemistry Investigation s	63,06,450
	b) Microbiology Investigations	3,65,635
	c) Pathology Investigations	10,36,901
	d) Other Departments Investigations	8,69,435
11	Total OperationsPerformed	44,815
12	Total Deaths:	3,315
	a) Deaths below 48 Hours	1303
	b) Deaths above 48 Hours	2012
13	Gross Death Rate (Hospital Death Rate)	4.06
14	Net Death Rate (Institutional Death Rate)	2.51
15	In-side MLC cases (Registered)	6,482
16	Outside MLC cases (Referred)	4,796
17	Total Autopsies	790
18	Medical Certificates Issued	1,445

Sl. No.	Details	No. of Pts.
19	Urban Health Centre, Kurusukuppam OP Cases	9,843
20	Rural Health Centre, Ramanathapuram OP Cases	5,550
21	Functional Bed Strength (Sanctioned BS : 2210)	1,828

Annual Performance Hospital Services: 2024-25

Sl.No.	Indicators	Total	
I	IN-PATIENT STATISTICS		
01	Admissions	Male	40,592
		Female	41,299
		Ambiguous	51
		TOTAL	81,942
02	Discharges	Male	38,926
		Female	39,318
		Ambiguous	16
		TOTAL	78,260
03	Daily Average Occupied Inpatients: 1,559		
	BED OCCUPANCY RATE: 85.2		
II	OUT-PATIENT STATISTICS		
01	General Services	New Cases	2,60,635
		Old Cases	10,23,094
02	Special Clinics	New Cases	14,506
		Old Cases	1,11,705
03	Total No. of New Cases		2,75,141
	Total No. of Old Cases		11,34,799
04	GRAND Total OPD Cases (NEW & OLD)		14,09,940
05	DAILY AVERAGE OUTPATIENTS TREATED4,731		

OPD Working Daysfor the financial year 2024-25

All Months	Monday	Tuesday	Wednesdsay	Thursday	Friday	Saturday	Sunday	Holiday	Total	OP Working days
Total	50	51	48	49	50	50	52	15	365	298

IPDDays for the financial year of 2024-2

All Months	Monday	Tuesday	Wednesdsay	Thursday	Friday	Saturday	Sunday	Holiday	Total
Total	**50**	**51**	**48**	**49**	**50**	**50**	**50**	**17**	**365**

Detailedstatistics of Outpatient

Outpatient Attendance by Service (OPD)As Per Panacea

Sl. No	Services	New	Old	Total	Average
I	GENERAL MEDICINE (10.1 %)				
	a. General OPD	40,100	99,709	1,39,809	469
	b. Special Clinics				
	1. Diabetic Clinic (M)	0	0	0	0
	2. Genetic Clinic (Th)	5	157	162	3
	3. Hematology Clinic (W)	16	2	18	0
	4. Hypertension (T)	0	0	0	0
	5. H.I.V(ART)/I.E.C.(M &Th)	66	2973	3039	15
II	GENERAL SURGERY (5 %)				
	a. General OPD	20,380	50,304	70,684	237
	b. Special Clinics				
	1. Tumor Clinic (Male) (M)	0	0	0	0
	2. Tumor Clinic (Female) (M)	0	0	0	0
III	OBST & GYNAECOLOGY (6.9 %)				
	a. General OPD				
	1. Obstetrics & Gyn	20,586	70,321	90,907	305
	2. OG EMS Casualty	847	6	853	2
	b. Special Clinics				
	1. Cancer clinic multi disp.(W)	128	608	736	15
	2. Infertility Clinic Reprod. Med (W&TH)	474	2658	3132	32
	3. Post Natal Clinic& Family Plan(W)	343	714	1057	22
	4. Prenatal (GCC) (M&F)	0	1	1	0
	5. Menopausal Health (W)	11	27	38	1
	6. Adolescent (Reprod. Health (Sat)	0	0	0	0
	7. Colposcop Clinic(W)	37	116	153	3
	8. Obst&GynEndocrin.	37	163	200	4
	9. Gestational DiabetiesMelllitus	0	0	0	0
	10. Obst. Medicine (T, F, Sat)	0	0	0	0
	11. Andrology Clinic (Sat)	2	0	2	0
IV	PULMONARY MEDICINE (3.5)%)				
	a. General OPD	5674	37992	43666	147
	b. Special Clinics				
	1. Res. Allergic Pul.Med (F)	428	5848	6276	126
	2. Post Covid Clinic (W)	0	0	0	0
	3. Pulmonary Rehabilitation (M to S)	0	0	0	0
	4. Tumor Board clinic (Th)	1	0	1	0

Sl. No	Services	New	Old	Total	Average
V	E.N.T. (M to S) (4%)				
	a. General OPD	10,559	45,961	56,520	190
	b. Special Clinics				
	1. Cancer Clinic (T)	0	0	0	0
VI	DENTAL (1.08 %)				
	a. General OPD	3,981	12,714	16,695	56
	b. Special Clinics				
	1. DENTAL - Oral &Maxilofacial Clinic	0	15	15	0
	2. DENTAL - Orthodontic Clinic	0	1	1	0
VII	OPHTHALMOLOGY (3.74 %)				
	a. General OPD	9,256	43,390	52,646	177
	b. Special Clinics				
	1. Cornea Clinic (T &Th)	7	1	8	1
	2. Fundus (M & W)	0	0	0	0
	3. Glaucoma Clinic (M & W)	1	189	190	2
	4. Rop Screening (Ophthal) (M to S)	0	0	0	0
	5. PaedOphthal& Strabismus – Ortho (T &Th)	0	0	0	0
	6. Post-Operative Clinic (M to S)	1	4	5	0
	7. LASIC Clinic (M to Th& S)	0	0	0	0
	8. RETINA SPECIAL CLINIC	0	0	0	0
VIII	ORTHOPAEDIC SURGERY (5.64%)				
	a. General OPD	23,465	55,941	79,406	266
	b. Special Clinics				
	1. Bone Tumour (2nd& 4th F)	0	1	1	0
	2. Club Foot /C.T.E.V (W)	0	0	0	0
	3. Spine Clinic	155	32	187	8
	4. Sports Med. w.e.f.Nov-16	0	0	0	0
IX	PMR (1 %)				
	a. General OPD	2,899	11,890	14,789	50
	b. Special Clinics				
	1. Polio and Cerebral Palsy (T)	0	1	1	0
	2. Physiotherapy	0	0	0	0
	3. Occupational therapy	0	0	0	0
	4. Prosthetics	0	0	0	0
	5. Orthotics	2	1	3	0
X	PSYCHIATRY (3.17 %)				
	a. General OPD	2,482	42,234	44,716	150

Sl. No	Services	New	Old	Total	Average
	b. Special Clinics				
	1. Affective Disorder (T)	0	0	0	0
	2. ADAPT clinic (M)	0	0	0	0
	3. Bariatric and pre transpant evaluation clinic (Th)	0	0	0	0
	4. Behaviour Addiction clinic(Th)	0	0	0	0
	5. Child adolescent psychiatry case below 18 (W)	0	0	0	0
	6. Community Clinic (W & S of Fortnight)	0	0	0	0
	7. Crises Intervention (TH)	0	0	0	0
	8. De Addiction Clinic (M)	2	0	2	0
	9. Marital &Psyco Sexual Clinic (Th)	13	1	14	0
	10. Memory Clinic (Th)	0	0	0	0
	11. Peripartum Psychiatry Clinic (M)	0	87	87	1
	12. Psychodermatology (M & W)	0	0	0	0
	13. Psychosomatic clinic (T &Th)	0	0	0	0
	14. Psycho-social intervention (M to S)	0	0	0	0
	15. Occupation therapy (M to S)	0	0	0	0
	16. Psychological Testing/ Therapy (M to S)	0	0	0	0
	17. Consultation-Liaison Psychiatry (M to S)	0	0	0	0
	18. Mood Disorder Special Clinic w.e.f Dec-23	0	0	0	0
	19. Psychosis Follow Up Clinic w.e.f Dec-23	0	0	0	0
XI	PAEDIATRICS (6.51 %)				
	a. General OPD	16,555	40,359	56,914	191
	b. Special Clinics				
	1. Disorder of Sex Develop Clinic (F)	7	16	23	2
	2. Child Development clinic (W&F)	973	652	1625	19
	3. FUC. Pd., Child Guidance (Th)	65	733	798	16
	4. FUC. Pd., Childhood Asthma & C. Forum (W)	218	2688	2906	62
	5. FUC. Pd., Cardiology (Th)	124	2530	2654	53
	6. Paed - Child Psychiatric Forum (T)	92	1383	1475	28
	7. FUC. Pd., Endocrinology (M)	155	1954	2109	44
	8. FUC. Pd., Gastro Enterology (T)	16	569	585	11
	9. FUC. Pd., Genetic Clinic (W)	61	1042	1103	23
	10. FUC. Pd., Genetic Counseling Clinic (M)	15	100	115	2
	11. FUC.Pd., Haematology (Th)	60	802	862	18
	12. Paed - Immunization Clinic (W)	494	2594	3088	66
	13. FUC. Pd.,Infectious Diseases (TB) (Th)	21	386	407	8
	14. FUC. Pd., Nephrology (Th)	323	6456	6779	138
	15. FUC. Pd., Neurology (T) (Epilepsy)	348	10113	10461	205

Sl. No	Services	New	Old	Total	Average
XII	Neonatology (1.52)				
	a. General OPD	7345	8746	16091	50
	b. Special Clinics				
	1. FUC.NB., High Risk New Born (M,W&F)	273	5163	5436	38
XII	SKIN &STD (4.94 %)				
	a. General OPD	15481	49281	64762	217
	b. Special Clinics				
	1. Leprosy Clinic (W)	333	170	503	10
	2. FUC- Skin (Blister & Com Tissue (M)	84	3	87	2
	3. Skin Psoriasis &Vitiligo (T)	343	2453	2796	55
	4. Skin Urticaria Pigment (Th)	154	649	803	16
	5. Skin Hair & Nail (F)	0	0	0	0
	6. Eczema Clinic Skin (W)	16	463	479	10
	7. Immunobullous Clinic (Skin)(M)	38	216	254	5
	8. Paed Dermatology (M to Sat)	0	0	0	0
XIII	MEDICAL ONCOLOGY (3.8%)				
	a. General OPD	1,722	50,542	52,264	175
	1. Anticancer Therapy Day Care (General)	0	0	0	0
	2. Anticancer Therapy Day Care (Pay)	0	0	0	0
	b. Special Clinics				
	1. Bone Marrow Transplant Clinic (M)	1	3	4	0
	2. Acute Leukemia (M to F)	0	50	50	0
	3. CML Clinic (T)	0	19	19	0
	4. Paediatric Oncology (M)	1	5	6	0
	5. Breast Clinic-1*(T)	1	80	81	2
	6. Breast Clinic-2*(W)	2	50	52	1
	7. Lymphoma and CLL (W)	0	23	23	0
	8. Gastro Intestine /HPB Clinic *(F)	1054	519	1573	31
	9. Lung onco Clinic (Th)	0	18	18	0
	10. GU Clinic (F)	0	9	9	0
	11. Gynaec –Oncology(Th)	1	298	299	6
	12. Multiple Myeloma Clinic (Th)	0	13	13	0
	13. Sarcoma clinic (F)	0	5	5	0
	14. GI CANCER clinic	0	44	44	1
	15. Transplant Special clinic (M)	0	0	0	0

Sl. No	Services	New	Old	Total	Average
XIV	RADIATION ONCOLOGY (1.9 %				
	a. General OPD				
	1. Radiation Oncology	1,284	26,062	27,346	92
	2. Radiotherapy –(RCC Block)	7	5	12	0
	3. Radiotherapy – (Old Block)	0	135	135	0
	4. Radiotherapy-(Equt. Block Attend.	0	0	0	0
	5. Day Care OPD	0	0	0	0
	b. Special Clinic				
	1. Gynecology Cancer(W)	133	298	431	9
	2. H & N Cancer (T)	0	4	4	0
	3. Breast Cancer (M)	0	0	0	0
	4. Lung –GI Genito –uro cancer (Th)	2	1	3	0
	5. CNS Tumor Clinic (M)	0	0	0	0
	6. Bone, Soft tissue,Lung,CNS,CPU Can.(TH)	0	0	0	0
	7. PediarticOnco *(TH)	0	1	1	0
	8. Adult Hemato Lymphoid (FRI)	0	0	0	0
	9. General OPD follow-up clinic	1	2	3	0
XIV	SURGICAL ONCOLOGY (0.53%)				
	a. General OPD	1625	5889	7514	28
XV	CARDIOLOGY (5.73 %)				
	a. General OPD (M,T,W&Th ,F.)	6,588	76,817	83,405	419
	b. Special Clinic				
	1. Post Intervention & Valve (M)	348	5	353	7
	2. Pacemaker Clinic (W)	0	0	0	0
	3. Cardio diabetic & Heart failure (F)	4	0	4	0
	4. Cardio-Thoracic conf. (F)	47	0	47	1
XVI	DIABETIC (0.01 %)				
	a. General OPD	35	235	270	2
XVII	C.T.V.S. (1.92 %)				
	a. General OPD	978	25,495	26,473	103
	b. Special clinic:-				
	1. Heart Valve spl (for Post Oper Pat) (T)	607	68	675	14
	2. CTC Clinic (F)	12	24	36	1
XVIII	CLINICAL IMMUNOLOGY (2.07 %)				
	a. General OPD	1,737	26,960	28,697	216

Sl. No	Services	New	Old	Total	Average
	b. Special Clinic				
	1. Paed -Clinical Immunology (F)	0	0	0	0
	2. Connective Tissue disease (F)	204	355	559	11
	3. FUC- Allergic Immunology(W)	0	0	0	0
	4. Rheumatoid Arthritis (T)	0	0	0	0
	5. Refractory Autoimmune Diseases (Lupus) (T)	0	0	0	0
	6. Refractory Autoimmune Diseases (RA) (T)	0	2	2	0
	7. SpA and PsA Clinic (M)	0	0	0	0
	8. Vasculity Clinic (Immuno) (S)	0	0	0	0
	9. Lupus Clinic (Th)	0	0	0	0
XIX	ENDOCRINOLOGY (2.24 %)				
	a. General OPD	1,772	28,031	29,803	222
	b. Special Clinic				
	1. Endocrinology FUC (F)	250	30	280	7
	2. Diabetic Education Clinic	0	0	0	0
	3. Osteoporosis & Metabolic Bon (W)	106	536	642	10
	4. Young Diabetes Clinic (Paed Endo&Paed Cancer) (M)	61	569	630	15
	5. Integrated Diabetic Foot Clinic (F)	71	284	355	9
XX	GASTROENTEROLOGY (MEDICAL)(1.69 %)				
	a. General OPD	2,766	19,179	21,945	74
	b. Special Clinic				
	1. Neurogastroenterology& GI Motility Spl Clinic (M)	0	0	0	0
	2. IBD Clinic(Tues)	621	98	719	17
	3. Chronic hepatitis B & C(Tues)	1052	177	1229	32
XXI	GASTROENTEROLOGY (SURGICAL) (0.66%)				
	a. General OPD	1395	7721	9116	31
	b. Special Clinic				
	1. SGE Special Clinic (M to S)	0	0	0	0
XXII	NEPHROLOGY (2.16 %)				
	a. General OPD	1617	16006	17623	148
	b. Special Clinic				
	1. Dialysis (W)	230	4280	4510	94
	2. Glomerular disease (T)	84	3872	3956	78
	3. Kidney transplant (Th)	137	4311	4448	91

Sl. No	Services	New	Old	Total	Average
XXIII	NEUROLOGY (4.67%)				
	a. General OPD	1362	34,006	35,396	268
	b. Special Clinic				
	1. Neuro- Epilepsy (M)	662	16609	17271	345
	2. Neuro- Genetic/Degenerative (Th)	62	255	317	6
	3. General Neuro/Neuro-Degen (Wed)	173	96	269	6
	4. Neuro- Stroke (T)	653	11870	12523	246
	5. Neuromuscular Disorder Clinic (W)	13	117	130	3
XXIV	NEUROSURGERY (1 %)				
	a. General OPD(M&TH)	867	13275	14142	106
XXV	PAEDITRICS SURGERY (1.06 %)				
	a. General OPD(M to Sa)	882	14,167	15,049	51
XXVI	PLASTICSURGERY (0.57 %)				
	a. General OPD	706	7,345	8,051	91
	b. Special Clinic				
	1. Anti aging Clinic	0	4	4	0
	2. Brachial Plexus Clinic T, TH	0	0	0	0
	3. Burns . F.U.C. (T&Th)	1	0	1	0
	4. Cleft Clinic	0	0	0	0
	5. Scar Clinic	0	0	0	0
	6. Transgender Clinic W	0	1	1	0
XXVII	PRE ANAESTHATIC (1.14%)				
	General OPD (M TO SA)	2007	10270	12277	41
	PAIN CLINIC	1002	2836	3838	13
XXVIII	UROLOGY (2.55 %)				
	a. General OPD	3929	31226	35155	239
	b. Special Clinic				
	1. Male Infertility	28	2	30	1
	2. Urinary Incontinence	5	0	5	0
	3. Vascular Assess & Renal Transplant	99	710	809	17
	4. Kidney stone Clinic (Tue&Th)	14	0	14	0
XXIX	NECLEAR MEDICINE (0.14 %)				
	a. General OPD	66	1997	2063	7
	b. Nuclear Medicine Special Clinic	0	0	0	0
XXX	COVID-19 (0.00%)				
	a. COVID Triage Cases (M TO SA)	0	1	1	0

Sl. No	Services	New	Old	Total	Average
XXXI	Geriatrics Medicine (0.51 %)				
	a. General OPD	2250	5733	7993	27
XXXII	YOGA (0.003 %)				
	a. General OPD	0	0	0	0
XXXIII	OTHERS				
	a. S.S.H.C. (1.87 %)	1034	25392	26426	89
XXXIV	CASUALTY(EMS) (3.64 %)				
	1. E.M.S Block - Main Casualty	40,043	11,373	51,416	141
	2. JWCH Block - O&G. Casualty	847	6	853	
	3. JWCH Block Paed Casualty	5,644	10,470	16,114	44
XXXV	PERIPHERAL CENTRES (1.09%)				
	a. RHC General OPD	488	4,976	5,464	18
	b. All Special Clinics of RHC	33	53	86	0
	a. UHC	405	2,749	3,154	12
	b. All Special Clinics of UHC	141	6,548	6,689	22
	Grand Total	2,75,141	11,34,799	14,09,940	4,731

Detailed OPD-Working Days by Month 2024-25

Months 2024-25	Monday	Tuesday	Wednesdsay	Thursday	Friday	Saturday	Total
Apr-24	5	5	3	4	4	4	25
May-24	4	4	5	4	5	4	26
June-24	3	4	4	4	4	5	24
July-24	5	5	4	4	4	4	26
Aug-24	4	4	4	4	5	5	26
Sept-24	4	4	4	4	4	3	23
Oct-24	4	5	4	4	4	3	24
Nov-24	4	4	4	4	4	5	25
Dec-24	5	5	3	4	4	4	25
Jan-25	4	3	5	5	5	4	26
Feb-25	4	4	4	4	4	4	24
Mar-25	4	4	4	4	3	5	24
G. Total	50	51	48	49	50	50	298

Outpatient Statisticsby Months & Blocks

Month	Total OPD	Outpatient Statistics			E.M.S. OP-Statistics		
		New	Old	Aver	Main	OG	Paed.
Apr-24	116137	16901	99236	4645	5080	83	1243
May	127601	17668	109933	4908	6253	80	1300

Month	Total OPD	Outpatient Statistics			E.M.S. OP-Statistics		
		New	Old	Aver	Main	OG	Paed.
June	113386	15657	97729	4724	3974	111	1499
July	127422	17577	109845	4901	3716	107	1397
Aug	113029	14909	98120	4347	3345	115	1595
Sept	117782	15872	101910	5121	5428	94	2082
Oct	117570	14347	103223	4899	4728	97	1750
Nov	114277	15092	99185	4571	3874	109	1670
Dec	109686	29691	79995	4387	3248	10	557
Jan-25	117502	38771	78731	4519	3818	1	943
Feb	114862	38195	76667	4786	3648	0	1022
Mar	120686	40461	80225	5029	4304	0	1056
Total	**14,09,940**	**2,75,141**	**11,34,799**	**4,731**	**51,416**	**807**	**16,114**

Opd Attendance by Block & Service

2024-25	New	Old	Total	In %
MAIN BLOCK :				
Main Service	1,04,966	3,94,266	4,99,232	
Special Clinic	1513	13217	14730	
Total	1,06,479	4,07,483	5,13,962	36 %
S.S. BLOCK :				
Main Service	28,360	3,18,619	3,46,979	
Special Clinic	6756	47138	53894	
Total	35,116	3,65,757	4,00,873	29 %
JWCH BLOCK : OBST., & GYN.,				
Main Service	20,586	70,321	90,907	
Special Clinic	1032	4287	5319	
Casualty	847	6	853	
Total	22,465	74,614	97,079	7 %
JWCH BLOCK: PAEDIATRICS/Neonatal				
Paed Main Service	16555	40359	56914	
Paed Special Clinic	2974	31520	34494	
Neonatal Main Service	7345	8746	16091	
Neonatal Special Clinic	273	5163	5436	
Paed Casualty	5644	10470	16114	
Total	32,791	95,383	1,28,174	9 %
R.C.C. BLOCK :				
Main service Medical Oncology	1722	50542	52264	
Med. Onco. Special Clinic	1060	1136	2226	

2024-25	New	Old	Total	In %
Main Service Radiotherapy	1291	26202	27493	
Radiation Onco. Special Clinic	136	306	479	
Total	4,209	78,186	82,395	5 %
ORTHO/PMRC. BLOCK:				
Main Services Orthopedic	23465	55941	79406	
Orthopedic Special Clinics	155	33	188	
PMR	2899	11890	14789	
PMR Special Clinics	2	2	4	
Total	26,521	67,866	94,387	7 %
SSB ANNEX COVID-19:				0
SCREENING OPD				
GERIATRIC MEDICINE	2050	5233	7299	
DENTAL	3751	11510	15261	
Dental Spl. Clinic	430	1730	2144	
Total	6,231	18,473	24,704	2 %
E.M.S. BLOCK: Main Casualty	40,043	11,373	51,416	4 %
Peripheral Centres (RHC& UHC)				
Main service	893	7725	8618	
Spl. Clinics	175	7173	7348	
Total	1068	14898	15966	1 %
Main Services Total	2,60,635	10,23,094	12,83,714	
Special Clinic Total	14,506	1,11,705	1,26,211	
Grand TOTAL	2,75,141	11,34,799	14,09,940	100 %

Special Clinic Data from Department (from August 2024 to March-2025)

Services	New	Old	Total	Avg
MEDICINE				
Hematology Clinic (W)	323	790	1113	32
Hypertension (Th)	0	0	0	0
A.R.T.(HIV) Clinic (M to F)	29	2085	2114	14
Genetic Clinics (Th)	13	25	38	1
Diabetic Cllinic (M)	295	3455	3750	78
SURGERY				
Tumour Clinic - Male (M)	0	269	269	8
Tumour Clinic – Female (M)	0	250	250	8
Pulmonary Medicine	0	0	0	
Res. Allergic Pul.Med (F)	159	7494	7653	225
Post- Covid clinic (W)	0	0	0	0

Services	New	Old	Total	Avg
Pulmonary Rehabilitation OPD (M to S)	0	3406	3406	22
Tumor Board clinic (Th)	0	1308	1308	18
ENT OPD	0	0	0	
Cancer Ent (T)	72	58	130	4
Ophthalmology	0	0	0	
Cornea Clinic (T &Th)	116	982	1098	17
Fundus (M & W)	814	2105	2919	45
Glaucoma Clinic (M & W)	157	1317	1474	23
Rop Screening (Ophthal) (M to S)	338	797	1135	6
PaedOphthal& Strabismus – Ortho (T &Th)	120	639	759	12
Post-Operative Clinic (M to S)	0	0	0	0
LASIC Clinic (M to Th& S)	0	0	0	0
RETINA SPECIAL CLINIC Th& S	0	0	0	0
Psychiatry				
Affective Disorder (T &Th)	406	2034	2440	37
ADAPT clinic (M & W)	7	11	18	0
Bariatric and pre-transplant evaluation clinic (Th)	203	7	210	6
Behavior Addiction clinic (T &Th)	0	0	0	0
Child adolescent psychiatry case -18 (M,W & F)	199	682	881	9
Community Clinic (W & S of Fortnight)	28	162	190	3
Crisis intervention Clinic (Th)	52	35	87	3
De Addiction Clinic (M & W)	349	646	995	15
Marital &Psyco Sexual Clinic (T &Th)	43	47	90	1
Memory clinic (T &Th)	69	108	177	3
Peripartum Psychiatry Clinic (M & W)	59	327	386	6
Psychodermatology (M & W)	5	37	42	1
Psychosomatic clinic (T &Th)	284	433	717	11
Psycho-social intervention (M to S)	344	153	497	3
Occupation therapy (M to S)	58	81	139	1
Psychological Testing/ Therapy (M to S)	170	343	513	3
Consultation-Liaison Psychiatry (M to S)	672	364	1036	5
Mood Disorder Special Clinic (M to S)	0	0	0	0
Psychosis Follow Up Clinic (M to S)	0	0	0	0
Skin & STD				
Leprosy Clinic (W)	0	0	0	0
FUC- Skin (Blister & Com Tissue (M)	0	0	0	0
Skin Psoriasis &Vitiligo (T)	0	2549	2549	80

Services	New	Old	Total	Avg
Skin Urticaria Pigment (Th)	0	1483	1483	42
Skin Hair & Nail (F)	0	409	409	12
ECZEMA SPECIAL CLINIC SKIN (W)	0	1196	1196	36
IMMUNOBULLOUS CLINIC (SKIN) (M)	0	1512	1512	47
PAEDIATRIC - DERMATOLOGY CLINIC (M to S)	0	334	334	2
Total (Main Block)	5384	37933	43317	145
Cardiology (M & F)				
Post Intervention & Valve (M)	0	0	0	0
Pacemaker Clinic (W)	0	1766	1766	55
Cardio diabetic & Heart failure (Th)	0	0	0	0
Cardio-Thoracic conf. (F)	0	1072	1072	32
C.T.V.S. (M to F)				
Heart Valve spl (for Post operative patients) (T)	38	885	923	28
CTC Clinic (F)	54	106	160	5
Clinical immunology (M&TH)	0	0	0	
Paediatric Immunology Clinic (Sat)	0	1900	1900	56
Connective Tissue Diseases Clinic (F)	407	4605	5012	152
Follow up Clinic & Allergy Immunology Clinic (W)	0	4207	4207	131
General Rheumatology OPD & Lupus Clinic (Thu)	649	12484	13133	398
General Rheumatology OPD & RA Clinic (T)	682	7973	8655	262
Refractory Autoimmune Diseases (RA) (M)	227	1521	1748	53
SpA and PsA Clinic (Monday)	99	3551	3650	111
Vasculitis Clinic (Friday)	0	1270	1270	38
LUPUS SPECIAL CLINIC (TH)	117	793	910	28
Endocrinology (T&TH)				
Endocrinology Follow up Clinic (F)	0	2066	2066	63
Diabetic Education Clinic (M to F)	0	0	0	0
Osteoporosis & Metabolic Bon (With effect June) (W)	0	511	511	16
Young Diabetes Clinic (Paed Endo &Paed Cancer) (M)	0	374	374	11
INTEGRATED DIABETIC FOOT CLINIC (F)	0	204	204	6
Gastroenterology –Medical (M,T,W,&F)				
Neurogastroentrology& Motility(M)	530	1934	2464	75
IBD Clinic(Tues)	68	849	917	29
Chronic hepatitis B & C(Tues)	554	2102	2656	83
Gastroenterology – Surgical. (M to S)				
SGE Special Clinic (I -M,Th) (II -Tu,F) (III -W,Sat)	0	0	0	
Nephrology (M, F)	0	0	0	

Services	New	Old	Total	Avg
Dialysis clinic (W)	0	1211	1211	38
Glomerular disease clinic (T)	0	1740	1740	54
Kidney Transplantation (Th)	0	986	986	30
Neurology – General (T&W)	0	0	0	
Neuro – Epilepsy (F)	0	12070	12070	355
Neuro- Degen/Genetic/ (Th)	0	6414	6414	194
General Neuro/Neuro-Degen (Wed)	0	6825	6825	213
Neurology – Stroke (Tuesday)	0	8857	8857	268
Neuromuscular Disorder (Wed)	0	261	261	8
Plastic Surgery (T&TH)	0	0	0	
Anti-Aging Clinic T, TH	0	43	43	1
Brachial Plexus Clinic T, TH	0	181	181	3
Burns. F.U.C. (T &Th)	0	306	306	5
Cleft clinic T, TH	0	504	504	8
Scar clinic T, TH	0	289	289	4
Transgender Clinic W	0	26	26	1
Urology (M, W & F)	0	0	0	
Male Infertility (T)	0	41	41	1
Urinary Incontinence (T)	0	351	351	11
Vascular Assess & Renal Transplant Sur.(Th)	0	162	162	5
Kidney stone Clinic (Tue&Th)	0	6998	6998	108
PAIN CLINIC	7295	4914	12209	62
Total (SSB Block)	10,720	1,02,352	1,13,072	380
Obstetrics & Gynaecology				
Cancer clinic multi disp.(W)	0	841	841	26
Infertility Clinic Reprod. Med (W&TH)	0	1632	1632	24
Post Natal Clinic& Family Plan (W)	0	733	733	23
Prenatal (GCC) (M&F)	0	1198	1198	18
Menopausal Health (W)	0	29	29	1
Adolescent (Reprod. Health) (Sat)	0	0	0	0
Colposcopy Clinic(W)	0	158	158	5
Obst&Gyn Endocrinology w	0	206	206	6
Gestational Diabetes Mellitus Clinic (w)	0	45	45	2
Obst. Medicine (T, F, Sat)	0	19	19	0
Andrology Clinic (Sat)	0	240	240	6
Total (Wch&obs&Gyn)	0	5,101	5,101	
Paediatrics				

Services	New	Old	Total	Avg
Disorder of sex development clinic (F)	0	41	41	3
Child Development clinic (W & F)	0	891	891	14
Paed - Child Guidance (Th)	0	1269	1269	34
Paed - Childhood Asthma Clinic (W)	0	1431	1431	45
Paed – Cardiology (Th)	0	896	896	27
Paed - Child Psychiatric Forum (T)	0	301	301	9
PAED - ENDOCRINOLOGY CLINIC (W)	0	1118	1118	34
Paed – Gastroenterology (T)	0	369	369	12
Paed - Genetic Clinic (W)	0	882	882	27
Paed - Genetic Counseling (W)	0	519	519	16
Paed - Hematology Clinic (Th)	0	556	556	17
Paed - Immunization Clinic (W)	0	1871	1871	58
Paed - Infectious Diseases (Th)	0	407	407	12
Paed – Nephrology (F)	0	4480	4480	136
Paed – Neurology (F) (epilepsy)	0	4312	4312	127
NEONATOLOGY (NB)				
FUC.NB., High Risk New Born (M,W&F)	224	5473	5697	55
Total (Wch Paediatrics &Nb)	224	24,816	25,040	84
ORTHOPAEDIC SURGERY				
Bone Tumour (2nd& 4th F)	28	10	38	2
Club Foot / C.T.E.V (W)	60	350	410	13
Spine Clinic (Ist& 3rd Tue)	84	19	103	6
Sports Medicine Clinic (2nd & 4th Tue)	88	25	113	7
PMR	0	0	0	
Polio and Cerebral Palsy (3rd Tue)	13453	12994	26447	210
Physiotherapy (M to S)	6240	4804	11044	56
Occupational therapy (M to S)	497	1148	1645	8
Prosthetics (M to S)	13	3124	3137	16
Orthotics (M to S)	0	496	496	6
Toal (Ortho)	20,463	22,970	43,433	145
MEDICAL ONCOLOGY				
Bone Marrow Transplant Clinic (M)	0	0	0	0
Leukemia(M to F)	0	3032	3032	20

Services	New	Old	Total	Avg
CML Clinic (T)	0	1157	1157	35
Paediatric Oncology (M)	0	2113	2113	64
Breast Clinic-1*(TUE)	0	2106	2106	64
Breast Clinic-2*(WED)	0	1756	1756	55
Lymphoma and CLL (WED)	0	790	790	25
Gastro Intestine /HPB Clinic (F)	0	1480	1480	45
Lung Clinic (Th)	0	543	543	16
G U Clinic (F)	0	349	349	11
Gynaec –Oncology(Th)	0	727	727	22
Multiple Myeloma Clinic (Th)	0	922	922	28
Sarcoma clinic (Friday)	0	128	128	4
GI CANCER clinic F	0	0	0	0
Transplant Special clinic (M)	75	4282	4357	132
RADIATION ONCOLOGY				
Gynecology Cancer(W)	0	741	741	23
HEAD & NECK Cancer (T)	0	540	540	16
Breast Cancer (M)	0	449	449	14
Lung –GI -Genito-Uro Cancer*(TH)	0	621	621	19
CNS Tumor Clinic(M)	0	494	494	15
Bone, Soft tissue,Lung,CNS,CPU Can.(F)	0	6	6	0
PaediatricOnco *(TH)	0	0	0	0
Adult Hemato Lymphoid (FRI)	0	0	0	0
General OPD follow-up clinic	203	315	518	5
Toal (RCC block)	278	22,551	22,829	
DENTAL				
DENTAL - Oral &Maxilofacial Clinic M,W	0	1478	1478	23
DENTAL - Orthodontic ClinicTU,THU	0	1341	1341	20
Total ScreenigOpd Block)	0	2,819	2,819	21
Peripheral Centres				
All Special Clinics of RHC	679	12124	12803	74
All Special Clinics of UHC	274	3698	3972	20
Total (Peripheral)	953	15,822	16,775	45
others(Interventional Radiology+Anotomy)	0	0	0	0
TOTAL	38,022	2,34,364	2,72,386	914

Out Reach Centre Karaikal

Sl. No.	Out Reach Centre Karaikal. (w.e.f. Sept-2023)	2024-2025 April-2024 to March-25	
	Service	No. of Days Conducted	No. of Patients Attended
1	CARDIO	4	62
2	CTVS	4	89
3	Urology	3	47
4	Nephrology	3	16
5	Surgical & Med. Oncology	2	15
6	M.G.E	2	35
7	S.G.E	2	8
8	Neurology	3	57
9	Neurosurgery	3	26
10	Clinical Immunology	3	28
11	Orthopaedics	3	62
12	Endocrinology	4	74
	Total	**36**	519

Total Laboratory Investigations by Month

Month	Lab. Investigations				
	Biochemistry	Micro.	Pathology	Other Dept.	Total
Apr-24	4,96,491	27,774	79,438	69,816	6,73,519
May	5,11,503	29,495	84,938	75,992	7,01,928
June	4,84,733	27,891	96,450	72,239	6,81,313
July	5,61545	34,124	95,047	77,710	7,68,426
Aug	5,22,950	30,413	84,401	69,773	7,07,537
Sept	5,35,739	31,301	85,864	74,639	7,27,543
Oct	5,58,096	29,870	81,465	69,615	7,39,046
Nov	5,19,627	30,748	86,853	70,560	7,07,788
Dec	5,17,464	32,709	86,744	69,113	7,06,030
Jan-25	5,42,005	32,457	87,543	74,422	7,36,427
Feb	5,03,275	28,096	79,368	70,413	68,1152
Mar	5,53,022	30,757	88,790	75,143	7,47,712
Total	63,06,450	3,65,635	10,36,901	8,69,435	85,78,421
	Daily Average Lab. Investigation: 23,503				

Laboratory Investigations by Department

Sl. No.	Name of the Department	No. of Investigation
01	Bio-Chemistry	63,06,450
02	Microbiology	3,65,635
03	Pathology	10,36,901
04	Other Departments	8,69,435
Total No. of Investigations		85,78,421

Detailed Inpatient (IP) Statistics

Inpatient Statistics by service

Main Block	Beds	Admissions	Discharges	Deaths	IP Census	BOR (in %)
Medicine	255	9866	11026	2132	83116	89
Surgery	159	3021	5344	791	43338	75
ENT	36	1839	1805	150	9473	72
Dental	6	124	210	20	1352	62
OPHTHAL	38	2133	2039	158	8603	62
Pulmonary Medicine	32	462	840	97	4653	40
Psychiatry	27	249	237	20	5713	58
Skin & STD	45	722	684	84	7620	46
Main Block Total	598	18416	22185	3447	163868	75
Special Ward Block						
All Services	50	875	1,227	128	9,328	51
Super Speciality Block						
Cardiology (with EMS cccu)	50	2491	2793	262	11863	65
C.T.V.S.	34	628	717	128	10255	83
Clinical Immunology	16	1827	1891	146	3817	65
Endocrinology	17	623	615	44	3690	59
Gastroenter. Medical	16	1732	1718	131	5229	90
Gastroenter -Surgical	32	685	725	82	9949	85
Nephrology	43	535	632	54	6651	42
Neurology	32	924	880	76	6581	56
Neurosurgery (with Trauma care)	82	5259	2968	402	21800	73
Paediatrics Surgery	25	1380	1593	120	6041	66
Plasticsurgery (with EMS Burns)	45	1020	1072	124	9418	57
Surgical Oncology	21	563	541	38	4307	56
Urology	34	1306	1333	111	9800	79
Anesthesia Pain Ward / CCU	16	216	222	77	4833	83
Nuclear Medicine	6	385	389	5	729	33
SSB Total	469	19,586	18,099	1,804	1,15,143	67
JWCH Block						
Obstetrics	259	12758	11465	1085	83763	89
Gynaecology	70	1552	2880	243	17849	70
Paediatrics	141	8040	7689	749	32323	63
NEW BORN (Neonatal) NICU +PNW)	72	9650	9039	1061	55572	211

Main Block	Beds	Admissions	Discharges	Deaths	IP Census	BOR (in %)
WCH Block Total	542	32,000	31,073	3,138	1,89,507	96
PMRC - Block						
Orthopaedic Surgery	48	974	1624	153	13637	78
PMR	0	0	0	0	0	
PMRC Block Total	48	974	1,624	153	13,637	78
R.C.C - Block						
Medical Oncology	38	685	753	96	4900	35
Radiotherapy	43	1696	1789	172	14842	95
RCC Block Total	81	2,381	2,542	268	19,742	67
SSB Annex COVID 19	0	3	1	1	486	
E.M.S.D - Block						
EMS Medicine	40	7707	1692	701	8933	61
Grand TOTAL	1,828	81,942	78,260	3,315	5,69,027	85%

Inpatients Statistics by Month*Functional bed strength: 1828

Months	Admissions	Discharges	Deaths	E.M.S.D			Occupied In-Patients	Daily Avg. Occup. IP Census	BOR In%
				Admn.	Disch.	Death			
Apr-24	6544	6111	254	659	131	0	46020	1534	84
May	7127	6813	282	647	108	64	48298	1558	84
June	6944	6722	294	638	78	67	44550	1485	81
July	7664	7186	270	614	72	69	50902	1642	90
Aug	6770	6587	262	622	91	67	48645	1569	86
Sept	7147	6680	267	662	117	64	50315	1677	92
Oct	6963	6922	252	635	89	0	45105	1455	80
Nov	7013	6439	284	644	93	78	49920	1664	91
Dec	6651	6588	263	632	98	65	47647	1537	84
Jan-25	6527	6129	297	715	133	65	48316	1559	85
Feb	5975	5727	278	572	65	75	44117	1576	86
Mar	6617	6356	312	667	86	63	45192	1458	80
Total	81,942	78,260	3,315	7,707	1,161	677	5,69,027	1,559	85%

Details of Delivery Statistics

MONTHS	LiveBirths				Still Births				Grand TOTAL
	Male	Female	Amb.	Total	Male	Female	Amb.	Total	
April- 24	367	302	1	**670**	6	3	0	**9**	**679**
May-24	454	388	4	**846**	8	6	1	**15**	**861**

MONTHS	LiveBirths				Still Births				Grand TOTAL
	Male	Female	Amb.	Total	Male	Female	Amb.	Total	
June-24	472	409	6	**887**	3	2	0	**5**	**892**
July-24	469	453	5	**927**	4	4	0	**8**	**935**
August-24	495	432	0	**927**	8	10	1	**19**	**946**
September-24	466	464	4	**934**	10	13	0	**23**	**957**
October-24	467	460	2	**929**	6	8	0	**14**	**943**
November-24	389	428	4	**821**	4	3	0	**7**	**828**
December-24	389	374	4	**767**	5	4	0	**9**	**776**
January- 25	280	274	1	**555**	2	6	0	**8**	**563**
February-25	304	250	0	**554**	1	1	0	**2**	**556**
March-25	310	332	1	**643**	4	7	0	11	**654**
Total	**4,862**	**4,566**	**32**	**9,460**	**61**	**67**	**2**	**130**	**9,590**

*Highest deliveries conducted on July-2024&**Lowest Deliveries conducted on Feb-2025

Covid-19 Inpatient – Statistics 2024-25

COVID-19 IPD –Statistics

Admissions	Discharges (Treated)	Total COVID Ward Deaths
NIL	NIL	NIL

Details of Death Statistics

Death Details by Service

Service/Ward	Apr-24	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan'25	Feb	Mar	Total
Cardiology	4	6	4	5	2	6	4	7	8	7	7	10	70
C.T.V.S.	5	8	10	11	11	8	7	5	5	5	6	8	89
Clin Immunology	0	0	0	0	0	0	0	0	0	0	0	0	0
Dermatology	0	0	0	0	0	0	0	0	0	0	2	0	2
E.N.T.	1	1	2	1	0	1	5	0	0	0	3	2	16
Endocrinology	0	0	0	0	0	0	0	0	0	0	0	1	1
Gynaecology	1	1	0	0	0	1	0	1	1	1	0	1	7
Med. Oncology	5	3	4	4	7	1	6	9	2	4	4	3	52
Medicine	113	146	155	129	130	140	120	151	156	151	140	162	1693
M. G.Enterology	1	0	0	0	0	5	0	1	0	1	2	0	10
Nephrology	1	2	0	0	0	0	2	1	0	3	0	2	11
Neurology	1	4	3	3	1	1	0	0	0	0	1	1	15
Neuro Surgery	35	34	25	36	29	27	29	32	24	34	33	29	367
NICU (INBORN &Out	18	13	19	15	20	10	20	10	10	15	12	14	176
PICU –Paed	2	0	0	0	0	0	0	0	0	0	0	0	0

Service/Ward	Apr-24	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan'25	Feb	Mar	Total
Obstetrics	0	0	2	0	1	0	1	1	1	0	9	0	15
Paediatrics	9	8	12	6	8	7	9	9	10	13	0	12	105
Ophthalmology	0	0	0	0	1	0	0	0	0	0	2	0	3
Ortho Surgery	1	1	3	1	2	6	0	1	2	2	0	1	20
Paed. Surgery	0	1	0	0	0	2	1	0	0	0	3	1	8
Pl Surg.(JTBC)	7	4	4	2	3	1	3	3	1	5	0	1	34
Psychiatry	0	0	0	0	0	0	0	0	0	0	8	0	8
Pul. Medicine	1	4	5	5	2	2	4	3	3	5	4	11	49
Radio- Oncology	2	3	1	2	5	5	1	8	2	4	1	3	37
S.G.Enterology	3	3	5	5	4	1	5	4	2	5	0	1	38
Surg. Oncology	0	0	1	0	0	1	0	0	0	0	40	1	43
Surgery	44	38	38	45	36	42	35	37	35	41	1	47	439
Urology	0	2	1	0	0	0	0	1	1	1	0	1	7
Clinic. Pharma.	0	0	0	0	0	0	0	0	0	0	0	0	0
Dental	0	0	0	0	0	0	0	0	0	0	0	0	0
Special ward	0	0	0	0	0	0	0	0	0	0	0	0	0
Covid-19	0	0	0	0	0	0	0	0	0	0	0	0	0
Pain Ward&Anaes	0	0	0	0	0	0	0	0	0	0	0	0	0
Nuclear Med	0	0	0	0	0	0	0	0	0	0	0	0	0
EMS & Trauma	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	254	282	294	270	262	267	252	284	263	297	278	312	3,315

Death Statistics by Month 2

Month	+ 48 Hrs.	- 48 Hrs.	Total Deaths	Gross Death Rate	Net Death Rate	Discharges (Incl. Deaths)
Apr-24	156	98	**254**	3.99	2.49	**6,365**
May	163	119	**282**	3.97	2.34	**7,095**
June	174	120	**294**	4.19	2.52	**7,016**
July	182	88	**270**	3.62	2.47	**7,456**
Aug	156	106	**262**	3.83	2.31	**6,849**
Sep	156	111	**267**	3.84	2.28	**6,947**
Oct	150	102	**252**	3.51	2.12	**7,174**
Nov	168	116	**284**	4.22	2.54	**6,723**
Dec	159	104	**263**	3.84	2.36	**6,851**
Jan-25	184	113	**297**	4.62	2.91	**6,426**
Feb-25	176	102	**278**	4.63	2.98	**6,005**
Mar-25	**188**	**124**	**312**	**4.68**	**2.87**	**6668**
Total	**2,012**	**1,303**	**3,315**	**4.06**	**2.51**	**81,575**

Death Classification & Rates

1)	Hospital Deaths	+ 48 Hrs.	2012
		- 48 Hrs.	1303
2)	Casualty Attended Deaths		162
3)	Brought Dead		395
		Total	3,872
4)	COVID Deaths		0

Key performance Indicators

*GDR	$\frac{\text{Total Deaths}}{\text{Total Discharges}} \times 100$	$\frac{3315}{81,575} \times 100$	4.06
*NDR	$\frac{\text{Total + 48 hrs and above deaths}}{\text{Total Discharges – Under 48 hrs deaths}} \times 100$	$\frac{2012}{81,575 - 1303} \times 100$	2.5

***GDR-Gross Death Rate, *NDR- Net Death Rate**

Neonatal Mortality Rate(NMR) (per 1000 Live Births)	17
Perinatal Mortality Rate (PMR) (per 1000 Births)	27
Still Birth Rate (IUD) SBR) (per 1000 Births)	13
Maternal Mortality Rate(MMR) (per 100000 Live Births)	58
Caesarean Section Rate (CSR) (%)	31%

Surgeries (Operations) & Anesthesia Statistics

Surgeries (Operations) By Months

Service	Apr-24	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan-25	Feb	Mar	Total
Obst. I	45	56	69	71	61	76	60	68	43	56	30	38	673
Obst.II	33	64	33	52	53	40	54	46	43	29	34	41	522
Obst.III	67	63	70	49	59	68	68	61	47	37	42	40	671
Obst. IV	51	48	60	49	83	49	61	83	49	42	45	45	665
Obst. V	34	36	38	44	41	47	54	49	35	33	28	43	482
Obst. VI	20	18	24	23	30	18	24	19	17	21	16	16	246
Gyn. I	39	49	33	27	42	24	32	19	31	36	42	39	413
Gyn. II	37	41	51	47	22	23	32	44	40	34	31	52	454
Gyn. III	26	46	35	38	40	41	41	33	32	24	30	34	420
Gyn. IV	29	40	37	39	44	24	42	46	27	32	35	40	435
Gyn. V	39	38	34	37	28	18	33	31	40	32	24	29	383
Gyn. VI	32	19	31	21	22	18	21	28	25	12	24	24	277
Sur I	176	133	151	160	127	141	132	166	148	141	146	128	1749
SurII	193	161	180	227	167	176	188	165	194	130	178	161	2120
Sur III	203	86	182	229	138	180	180	177	138	166	169	155	2003
Sur IV	155	168	180	174	143	146	147	144	144	167	127	127	1822
Sur V	117	187	108	185	157	170	145	155	141	194	173	145	1877

Service	Apr-24	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan-25	Feb	Mar	Total
Sur VI	127	164	145	141	129	100	102	138	104	134	118	126	1528
N.Surg	115	132	122	129	114	122	109	128	130	130	115	125	1471
G. E. S.	37	49	37	43	27	41	37	46	41	37	34	39	468
Sur. On.	68	77	82	79	56	58	57	59	70	73	141	59	879
Urolo	138	131	108	704	606	668	690	687	592	636	511	592	6063
Pd Surg.	238	275	295	243	199	184	217	216	208	216	233	251	2775
Ortho	168	184	174	195	195	160	202	174	171	170	181	179	2153
ENT	201	300	271	155	192	144	244	232	198	260	242	213	2652
Pl. Surg	249	259	228	412	284	301	292	290	266	351	320	586	3838
Ophthal.	412	483	599	0	413	404	299	332	466	339	409	416	4572
CTVS	91	59	96	80	72	65	57	62	66	67	61	65	841
Dental	184	188	205	215	182	178	171	217	216	242	172	193	2363
Total	3,324	3,554	3,678	3,868	3,726	3,684	3,791	3,915	3,722	3,841	3,711	4001	44,815

Operations (Surgeries) Performed by Service

Sl. No	Service	No. of Operations	Percentage (in %)
1	Obstetrics-I	673	2
2	Obstetrics-II	522	1
3	Obstetrics-III	671	1
4	Obstetrics-IV	665	1
5	Obstetrics-III	482	1
6	Obstetrics-IV	246	1
7	Gynaecology-I	413	1
8	Gynaecology-II	454	1
9	Gynaecology-III	420	1
10	Gynaecology-IV	435	1
11	Gynaecology-III	383	1
12	Gynaecology-IV	277	1
13	Surgery-I	1749	4
14	Surgery-II	2120	5
15	Surgery-III	2003	4
16	Surgery-IV	1822	4
17	Surgery-V	1877	4
18	Surgery-VI	1528	3
19	Neuro-Surgery	1471	3
20	Surg. Gastroenterology	468	1
21	Surg. Oncology	879	2

Sl. No	Service	No. of Operations	Percentage (in %)
22	Urology	6063	14
23	Paed Surg.	2775	6
24	Orthopedics	2153	5
25	ENT	2652	6
26	Plastic Surgery	3838	9
27	Ophthalmology	4572	10
28	Thora. Surg.(CTVS)	841	2
29	Dental	2363	5
Total		44,815	

Department wise breakup Major & Minor surgeries conducted

Services	Major	Minor	Total	(in%)
Obstetrics	3018	241	3259	7
Gynaecology	845	1537	2382	5
General Surgery	3356	7743	11099	25
Neurosurgery	1471	0	1471	3
Surgical Gastroenterology	468	0	468	1
Surg. Oncology	490	389	879	2
Urology	1805	4258	6063	14
Paed. Surg.	1352	1423	2775	6
Orthopaedics Surgery	2134	19	2153	5
ENT	1336	1316	2652	6
Plasticsurgery	1411	2427	3838	9
Ophthalmology	3738	834	4572	10
Cardiothoracic Surg.(CTVS)	625	216	841	2
Dental	164	2199	2363	5
Grand Total	**22,213**	**22,602**	**44,815**	**100**

Anaesthesia Statistics

Months	No. of Patients Anesthetic Administered
Apr-24	1,857
May	2,045
June	2,440
July	2,522
Aug	1,773
Sep	1,992
Oct	2,090
Nov	2,097
Dec	2,124
Jan-25	2,033
Feb	1,883
Mar	2,045
Total	24,901

Servicer wise Anaesthesia Statistics

Service wise Anaesthesia Administered	No. of Patients
Cardiology	214
CTVS	497
Dentistry	112
ENT	940
General surgery	2,259
MGE	698
Neurosurgery	1,057
OBST & GYN	3,455
Ophthalmology	301
Orthopedics	1,243
Paediatric surgery	942
Plastic surgery	510
Psychiatry	346
Radiotherapy	0
SGE	426
Surgical Oncology	357
Urology	922
Radiology	0
Grand Total	**14,279**

MLC-Details

Months	MLR	W/O MLR	Autopsies	Medical Certificates
Apr 24	600	475	67	83
May	590	405	62	119
June	581	420	78	96
July	572	414	79	154
Aug	576	381	61	170
Sept	586	424	89	158
Oct	515	395	61	118
Nov	523	449	58	111
Dec	468	324	48	99
Jan- 25	526	438	64	124
Feb	478	298	58	108
Mar	**467**	**373**	**65**	**105**
Total	**6,482**	**4,796**	**790**	**1,445**

Geographical Distribution Statistics by State

Geographical Distribution by States

2024 -25	PDY		T.N		A.P.		Kerala		Karnataka		West Bengal		Other States	
Month	**OP**	**IP**	**OP**	**IP**	**OP**	**IP**	**OP**	**IP**	**OP**	**IP**	**OP**	**IP**	**OP**	**IP**
Apr-24	2857	0	13,100	1069	88	0	257	0	19	0	303	0	242	0
May	2661	0	14,026	0	89	0	314	0	12	0	155	0	388	0
June	2416	0	12,385	0	54	0	241	0	17	0	265	0	261	0
July	2748	0	13,506	0	75	0	287	0	33	0	845	0	48	0
August	2252	0	11,630	0	89	0	256	0	37	0	300	0	326	0
September	2614	0	12,212	0	84	0	297	0	39	0	252	0	363	0
October	2448	0	10,735	0	99	0	310	0	66	0	448	0	226	0
November	2500	0	11,070	0	74	0	272	0	42	0	275	0	844	0
December	6058	0	21,811	0	96	0	414	0	62	0	625	0	528	0

2024 -25	PDY		T.N		A.P.		Kerala		Karnataka		West Bengal		Other States	
Month	OP	IP	OP	IP	OP	IP	OP	IP	OP	IP	OP	IP	OP	IP
Jan-25	8273	0	27,642	0	188	0	633	0	148	0	1204	0	554	0
Feb	7922	0	28,189	0	193	0	584	0	133	0	978	0	82	0
Mar	8350	0	29,777	0	159	0	482	0	131	0	954	0	505	0
Total	**51,099**	**0**	**2,06,083**	**1069**	**1,288**	**0**	**4,347**	**0**	**739**	**0**	**6,604**	**0**	**4,367**	**0**

Tamil Nadu by Districts

2024-25	Cuddalore		Villupuram		Thiruvannamalai		Other Dist. TN		Total Tamil Nadu	
	O.P	IP	OP	IP	OP	IP	OP	IP	OP	IP
April-2024	2728	251	4514	80	1471	403	4387	335	13100	1069
May	2876	0	4514	0	1590	0	5046	0	14026	0
June	2482	0	4326	0	1381	0	4196	0	12385	0
July	2810	0	4494	0	1528	0	4674	0	13506	0
August	2414	0	3872	0	1282	0	4062	0	11630	0
September	2581	0	4083	0	1307	0	4241	0	12212	0
October	2277	0	3690	0	1219	0	3549	0	10735	0
November	2468	0	3847	0	1293	0	3462	0	11070	0
December	4759	0	7974	0	2149	0	6929	0	21811	0
Jan-25	6020	0	9839	0	2776	0	9007	0	27642	0
Feb	5872	0	9797	0	2759	0	9761	0	28189	0
Mar	6562	0	10463	0	3129	0	9623	0	29777	0
Total	**43,849**	**251**	**7,1413**	**80**	**2,1884**	**403**	**6,8937**	**335**	**2,06,083**	**1,069**

Geographical Distribution in OPD& IPD

States	Outpatient (New Cases)	Inpatient
Tamil Nadu	2,06,083	1069
Puducherry	51,099	0
Andhra Pradesh	1,288	0
Kerala	4,347	0
Karnataka	739	0
West Bengal	6,604	0
Other States	4,367	0
Foreigners	340	0
Grand Total	**2,74,867**	**1,069**

Annexure 2 Departmental Statistics

Department of Anaesthesiology

OPD Services	New Patients	Old Patients	Total
Pre-Anaesthetic Clinic	11679	7422	19101
Pain clinic	789	1020	1809

IPD Services	Number of Patients
Interventional Pain Management	262
CCU 1	487
CCU 2	239

Operating Room Anaesthesia Services		
Type of Anaesthesia	**For Elective Procedures**	**For Emergency Procedures**
General Anaesthesia (GA)	6702	3862
Regional Anaesthesia (RA)	4912	1585
Combined (GA+RA)	1175	553
Monitored Anaesthesia Care	1213	421
Total	14002	6421
Grand Total	**20423**	

Department of Biochemistry

Statistical Data of Biochemical Investigations with detailed breakup of total number of samples and investigations for the year April 2024 – March 2025

Total Number of OPD / IP/ Emergency Samples	536507
Total Number of Special Investigations Samples	76282
Total Number of Urine Samples	59838

Total Number of OPD / IP/ Emergency Investigations	6117779
Total Number of Special Investigations	174625
Total Number of Urine Investigations	137028

Total Number of Samples	672627
Total Number Investigations	6429432

Statistics for Routine and Emergency Investigations (Blood & Fluids)

S.No	Investigations	Total
1	Glucose	170115
2	Urea	436206
3	Creatinine	440388
4	Calcium	262023
5	I.phosphorous	165661
6	Magnesium	154723
7	Uric acid	118860
8	Cholesterol	49312
9	Triglycerides	45862
10	HDL	44913
11	LDL	47114
12	VLDL	45862
13	Bilirubin T	279726
14	Bilirubin D	277875
15	Bilirubin I	276343
16	Total Protein	283417
17	Albumin	304051
18	Globulin	283417
19	AST	277600
20	ALT	276048
21	GGT	159721
22	ALP	274670
23	LDH	42163
24	CK T	10597
25	CK mb	7671
26	Amylase	16396
27	Lipase	13758
28	Sodium	404901
29	Potassium	404901
30	Chloride	404901
31	CSF Glucose	2941
32	CSF Protein	2941
33	CSF Chloride	2941
34	Fluid Glucose	4273

S.No	Investigations	Total
35	Fluid Protein	4273
36	Iron	18558
37	Ceruloplasmin	2800
38	UIBC	17495
39	TIBC	17495
40	TSAT	17495
41	CRP	1307
42	ADA	6100
43	Methotrexate	1591
44	Osmolality	37906
45	Lithium	468
	Total	6117779

Statistics for Special Investigations

S.No	Investigations	Total
Pregnancy. Prenatal & Infertility Profile		
1	Serum FSH	2973
2	Serum LH	2835
3	Serum Prolactin	2650
4	Serum Testosterone	2311
5	Serum BhCG	3185
6	Serum AMH	2523
Thyroid Profile		
9	Serum FT3	17052
10	Serum FT4	20505
11	Serum TSH	47086
Tumor M arkers		
12	Serum AFP	3467
13	Serum CA-125	4278
14	Serum CEA	4481
15	Serum PSA	3383
16	Serum CA 19-9	4244
Special Assays		
17	Serum Ferritin	17935
19	Serum Vit - B12	16287
20	Serum Folate	10773
21	Serum Cortisol	3556
22	Serum IPTH	4584
23	Serum Electrophoresis	517

S.No	Investigations	Total
	Total	174625

Statistics for Urine Investigations

S.No	Investigations	Total
1	pH	1758
2	Specific Gravity	573
3	Bile Salts	264
4	Bile Pigments	264
5	Hemoglobin	261
6	Myoglobin	344
7	Bence Jones Protein	542
8	Ketones	424
9	Porphyrins / Urobilinogen	207
10	Osmolality	3184
11	Microalbumin	932
12	Glucose	5006
13	Urea	4279
14	Creatinine (Creatinine + PCR+ Ca/Cr + ACR)	44843
15	Protein (PCR + Spot+24 Hrs)	42052
16	Calcium (Calcium + CA-CR ratio)	6051
17	Magnesium	2903
18	Inorganic Phosphorous	3184
19	Uric Acid	2489
20	Sodium	5648
21	Potassium	5648
22	Chloride	5648
23	Stone Analysis	
24	Amino Acids	
	Total	137028

Department of Cardiology

Category	Services	Numbers
Outpatient Services	Cardiology OPD	76809
Inpatient Services	Cardiology Ward	(2491) 98% Occupancy
	CCCU	100% Occupancy

Non Invasive Lab services	Number
ECG	26403
Echo Cardiography	29743
Treadmill Test	1064
Holter	386
Transesophageal Echo	813
TOTAL	58409

Invasive Lab Services	Number
Coronary angiography	2341
Other diagnostic procedures	427
Coronary angioplasty	1362
Balloon valvuloplasty	249
Device closures of defects	154
EP study/ radiofrequency ablation	328
Electronic device implants	285
Other Interventions	95
TOTAL	5241

Department of Cardiothoracic and Vascular Surgery

Services Provided	2024-25
OPD ATTENDANCE (No. of patients over a year-pre & post-operative)	25,494
Heart valve clinic (post op)	8959
Cardiac`	13764
Vascular, thoracic	3314
EMERGENCY CONSULTATION ATTENDANCE	
TOTAL OPERATIONS & PROCEURES PERFORMED	
MAJOR OPERATIONS PERFORMED	625
Elective	533
Emergency	92
MINOR OPERATIONS / PROCEDURES RFORMED	216
SPLIT- UP STATISTICS OF MAJOR OPERATIVE PROCDURES	
ELECTIVE CARDIAC OPERATIONS	391
Heart valve repair/ replacements	186
Coronary artery bypass surgery	62
Paediatric cardiac & adult congenital	134
Misc. cardiac cases includes aortic aneurysms, cardiac tumors, etc.	9
ELECTIVE THORACIC OPERATIONS	
Lung surgeries (lobectomy, tumors, cervical rib resections)	65
ELECTIVEVASCULAR OPERATIONS	
Aorto femoral / Peripheral vascular bypasses	68
ELECTIVE MISCELLANEOUS OPERATIONS	9
EMERGENCY CARDIAC	
Aortic dissection, penetrating cardiac trauma, ventricular septal rupture, stuck prosthetic valve etc	13
EMERGENCY VASCULAR	
Vascular injuries repair, embolectomies, repair of pseudoaneurysms	72
EMERGENCY THORACIC	
Flail chest fixation, diaphragmatic hernia repair, lung lacerations)	7
SPLIT- UP STATISTICS OF MINOR PROCDURES / OPERATIONS	
Elective (Bronchoscopy, resuturing, pacing wire removal, debridement)	35
AV Fistula	98

Department of Clinical Immunology

Diagnostic and Therapeutic Services performed in 2024-2025

S. No.	Test / Procedure	Numbers performed In 2024-2025
Patient care services		
I. Diagnostic Services		
1.	ELISA Anti-dsDNA, anticardiolipin IgG & IgM, anti-B2GPI IgG & IgM, PR3 ANCA, MPO ANCA, and ACPA	8462
2.	Indirect Immunofluorescence (IIF-ANA, ANCA)	3265
3.	Nephelometry (C3, C4, hsCRP, Ig Profile, C1 INH)	10616
4.	Flow Cytometry (TBNK, BTK, DHR, CD64)	81
5.	DNA Extraction	1197
6.	DNA Quantification	1140
7.	HLA Typing ABDRB1	69
8.	Immunoblot (ENA)	180
9.	Immunoblot (Myoblot, Scleroderma blot & Liver blot)	78
10.	HLA B27 PCR	1197
11.	Allergy test (SPT)	-
12.	Joint aspirations	169
13.	Crystal examination (Polarising microscopy)	49
14.	Musculoskeletal Ultrasound	538
Total (I)		**27041**
II. Therapeutic Services		
1.	Intra-articular injections	1507 joints
2.	Daycare therapy (Immunosuppressive infusions)	423
3.	Biological therapy	214
4.	Others	56
	Total (II)	**2200**
(A) Total Patient care services (I+II)		**29241**

Research Tests

Facilities being used or with potential for use for patient care**:**

S. No.	Test/ Procedure	Numbers performed April 2024 – March 2025
Research activities		
ELISA		
1.	Pentraxin 3 (PTX-3)	96
2.	Serum amyloid (SAA)	96
	Total	**192**
Molecular Immunology		
1.	DNA Extraction & Quantification	740
	Total	**740**
Cellular Immunology		
	Cellular immunophenotyping	160
	Total	**160**
(B) Total research		**1092**
Total patient care and Research (A + B)		**30,333**

OPD Statistics 2024 - 2025

S.No	Day	Clinics	New	Old
1	Monday	Refractory Autoimmune Disease Clinic	519	2644
		SpA and PsA Clinic	124	4947
2	Tuesday	General Rheumatology OPD and Rheumatoid Arthritis (RA) Clinic	1068	21580
3	Wednesday	Follow-up Clinic & Allergy Immunology Clinic	NA	6184

S.No	Day	Clinics	New	Old
4	Thursday	General Rheumatology OPD & Lupus Clinic	1095	9889
5	Friday	Connective Tissue Diseases Clinic	635	6771
		Vasculitis Clinic	-	1813
6	Saturday	Pediatric Immunology Clinic	1	2828
Total			**3443**	**56656**

Department of Clinical Pharmacology

Drug Information Services:

The drug information centre functioning in the Department of Clinical Pharmacology provides authentic, individualized drug information to healthcare professionals regarding medication-related inquiries. During the period from April 2024 to March 2025, the centre answered 47 queries from various departments such as the Department of Orthopaedics, Neurology, Obstetrics & Gynecology, Ophthalmology, Plastic Surgery, Medicine, etc.

ADR monitoring centre (AMC)

Adverse Drug Reaction Monitoring Centre (AMC), functioning under the Pharmacovigilance Programme of India (PvPI) in the Department of Clinical Pharmacology, has reported 499 adverse drug reactions to the Indian Pharmacopoeia Commission from April 2024 to March 2025.

Cardio Pulmonary Exercise Tests

The number of Cardio Pulmonary Exercise Tests (CPETs) done for patients referred from Surgical Oncology, Pulmonary Medicine, and research activity from April 2024 to March 2025 as part of patient care services is 125.

Department of Dentistry

	Total number of Patients	15651
Procedure Statistics		
1	Extraction	2543
2	Oral prophylaxis	1700
3	Restoration	644
4	Minor Surgery	1919
5	Emergency Medical Services cases	1100
6	Fixed orthodontic treatment cases	1757
7	Removable Orthodontic appliances	245
8	Removable prosthesis	73
9	Radiographs	3668
10	In-Patient Admission	188
11	Major Surgery- Elective	149
12	Major Surgery- Emergency	15

Department of Dermatology and STD

Services provided	1st April 2024-31st March 25
General OPD Total (inclusive of Frailty clinic, OPD references, staff and staff dependent clinic)	66, 450
Pediatric Dermatology Clinic	7154
Sexually transmitted Infection Clinic	1630
Leprosy Clinic	1064
Telemedicine	390
Emergency consults	2520
IP admissions	722
Special Clinics	
Vesiculobullous and connective tissue disease clinic	917
Psoriasis and Vitiligo clinic	4492
Eczema clinic	1176
Urticaria clinic	888
Hair and nail clinic	10
Phototherapy	90
Laboratory services	
Skin Scrapings for fungus	6122
Nail Clippings for fungus	824
Gram Smear	2080
Tzanck Smear	1350
Hair Shaft Examination	134
Hair Root Examination	112
Oil Mount Examination	195
Wet Mount Examination	215
Ziehl-Neelsen stain for Lepra bacilli	462

Services provided	1st April 2024-31st March 25
Ziehl- Neelsen stain for Tuberculous bacilli	116
Dark field examination	20
Procedures	
Biopsies	
Skin biopsies	1405
Nail biopsies	6
Nerve biopsies	3
Others (Paring, Cleaning and dressing, fissure sealant, pathergy, incision and drainage)	353
Dermatosurgical procedures	
Intralesional injections	914
Platelet rich plasma therapy	153
Cryosurgery	259
Electrosurgery	668
Chemical Peeling	43
Micro needling	20
Vitiligo surgery	35
Nail surgeries	72
Acne scar management	60
Mole excision	61
Xanthelasma surgery	21
Ear lobe repair	3
Keloid excision	5
Scar revision	14
Staged excision	5
Sclerotherapy	5
Ear lobe piercing	8
Pinch-Punch for Scrotal calcinosis	8
Excision of cyst/swelling	282
Laser procedures (Fractional CO2, IPL)	480

Department of Emergency Medicine and Trauma

Services	Total no of patients
Total number of patients attended ED	103884
Total number of trauma patients	17,196
Number of surgeries done in EMS OT	2541
Number of surgeries done in Trauma OT	1972
Lab investigations	32100

Department of Endocrinology

Description		Numbers
OPD patients		36837
Indoor Admissions		614
DEXA Scan Statistics:	Total	1988
	Male / Female	610/1378
	Paediatrics	22
	Whole Body composition	437
Chemiluminescence (Hormone test)		43342
Glycated Hemoglobin (HbA1c)		8878

Department of ENT

OPD patients	New	10549
OPD patients	Old	45962
Cancer Clinic		1045
No. of Operations (Elective / Emergency / Robotic)		2469
Pure Tone Audiometry		4644
Impedance		2443
Brainstem Evoked Response Audiometry		765
Hearing Aided Trial		379
Speech therapy – Diagnostics		1193
Speech therapy – Treatment		589

Department of Forensic Medicine & Toxicology

Number of ML autopsies performed	712
M.L.C. dealt without postmortem Body handed over	37
Postmortem of Brought Dead Cases	41
Number of Autopsies done on Organ retrieval for therapeutic transplantation	1
Number of Corneas retrieved at mortuary for transplantation	-
Postmortem of Road traffic accident Cases	372
Postmortem of Self fall cases	55
Postmortem of Burns Cases	30

Postmortem of Poisoning Cases	124
Postmortem of Snake bite Cases	7
Postmortem of Hanging Cases	22
Postmortem of Miscellaneous Cases	58
Examination of victim of sexual assault	73
Estimation of Age	14

Examination of accused of sexual assault/impotency	25

Department of Geriatric Medicine

	Male	Female	New	Old	Total
Outpatients	4817	2472	1933	5356	**7289**
Lab	Bio-impedance analysis				**383**

Department of Medicine

Medicine OPD statistics 2024-25	New	Old	Total	Average
General OPD	40,100	99,709	1,39,809	
Special clinics				
Hematology clinic (F)	23	790	1113	
Hypertension (W)	19	56	75	
HIV (ART)/ IEC (M & TH)	66	2973	3039	
Diabetic Clinic	295	3455	3750	
Genetic Clinic	13	25	38	
IPD statistics	**Admissions**	**Discharges**	**Deaths**	**IP Census**
Medicine	9866	11026	2132	

Medicine Laboratory statistics

S.no	Blood investigations	Total
1	ESR	624
2	Fluid Count	703
3	HbA1C	10268
4	BT / CT	0
5	HbA0	54
6	HbA2	71
7	HbE	25
8	HbF	106
9	HbS	44
10	Osmolality	1833
Urine Investigations		
11	Albumin	8272
12	Sugar	8199
13	Microscopic Examination	8371
14	24 hours urine protein	367
15	Bence Jones Protein	77
16	Bile pigment	11

S.no	Blood investigations	Total
17	Bile salt	11
18	Eosinophil	145
19	Hemoglobin	64
20	Ketones	2
21	Lipids	16
22	Myoglobin	85
23	pH in Urine	151
24	Porphyrin	31
25	Specific Gravity	2
26	Urobilinogen	9
27	Paraquat Dithionite	19
28	Urine Hemosiderin	10
Stool Examination		
29	Microscopy	518
30	Occult blood	449
Foot Lab		
31	Ambulatory BP apparatus	4
32	Foot Doppler	501

S.no	Blood investigations	Total
33	Foot scan	181
34	Neuropathy (VPT)	581
Medicine OPD		
35	ECG	15391

Department of Medical Gastroenterology

Patient Care Services

OP /IP Census		2024-2025 Census
OUTPATIENT CENSUS	Old cases	17007
	New cases	11624
	Total cases	28,631
INPATIENT CENSUS		1628

Endoscopy – Day Care Procedures in Mge Endoscopy Room

S.No	Procedures	Number of Procedures
1	Diagnostic UGI Scopy	2514
2	Diagnostic Colonoscopy	641
3	Diagnostic Sigmoidoscopy	323
4	Endoscopic glue injection for gastric varices	31
5	Endoscopic variceal ligation	158

Endoscopy – Procedures in SSB-OT No.6

S. No	Procedures	Number of Procedures
1	GI Foreign body retrieval	22
3	Argon plasma coagulation	43
4	Diagnostic Colonoscopy (under sedation)	106
5	Diagnostic EUS	98
6	Diagnostic UGI Scopy (under sedation)	253
7	Endoscopic polypectomy	24
8	Endoscopic variceal ligation	6
9	ERCP	268
10	Self-expandable metallic stenting (Esophageal & Antropyloric)	10
11	EUS – Cystogastrostomy / Cystoduodenostomy	2
12	EUS - FNA/FNB	51
13	Fluoroscopy guided endoscopic balloon dilatation	78
14	Fluoroscopy guided endoscopic bougie dilatation	197
15	Fluroscopy guided Naso-jejunal tube placement	82
16	Fluroscopy guided Naso-gastric tube placement	184
17	Percutaneous endoscopic gastrostomy	10
18	Side viewing scopy	46
19	Achalasia cardia Pneumatic dilatation	10

GI Motility Lab

S. No	Procedures	Number of Procedures
1	Anorectal manometry	163
2	24-hour Esophageal pH Impedance metry	56
3	Esophageal manometry	162
4	Colon transit study	126
5	Capsule endoscopy	1

Department of Medical Oncology

New Case registration during the period: 1st April 2024 to 31st March 2025

Disease	Total	Adult	Paediatrics
Hematological malignancies			
ALL (Acute lymphoblastic leukemia)	144	62	82
AML (Acute myeloid leukemia)	132	115	17
NHL (Non-Hodgkin's lymphoma)	149	138	11

Disease	Total	Adult	Paediatrics
HL (Hodgkin's lymphoma)	79	65	14
CML (Chromic Myeloid leukemia)	77	73	4
CLL (Chronic lymphocytic leukemia)	21	21	0
Myeloma & Plasma cell dyscrasia	99	99	0
Total	**701**	**573**	**128**
Solid tumors			
Breast	655	655	0
Lung	251	251	0
Gastric & upper GI	296	296	0
Colorectal & lower GI	237	237	4

Disease	Total	Adult	Paediatrics
HPB (hepato-pancraetico-biliary)	150	150	0
Gynaecological malignancies	176	173	3
Male genitourinary	86	81	5
Renal cell Carcinoma & urinary tract	56	56	0
Soft tissue & bone sarcoma	85	65	20
Pediatric solid malignancies	33	0	33
Others	297	283	21
Total	2322	2236	86
Total (Hematological + Solid tumors)	**3023**	**2809**	**214**

Tumor Clinic and Patient care services statistics (April 2024- March 2025)

Name of the Clinic	Total Number of Cases (old +new)	Patient Services Area	Total Number of Cases
Transplant Clinic	625	OPD attendance (New)	2899
Pediatric oncology cases (≤18 years)	3345	OPD attendance (Old)	49328
Leukemia (18 years and above)	4970	Inpatient Admissions	1420
Breast clinic	8912	Chemotherapy delivered	27503
CML Clinic	1990	Bone Marrow Biopsy	997
Lymphoma Clinic & CLL	2198	Intrathecal Chemotherapy	1609
Lung and Ovary clinic	2312	Central Venous Catheter	438
GI / GU/ Sarcoma	3872	Bone Marrow Transplantation	35
Myeloma clinic	1499		

Department of Neonatology

Inpatient (NICU)

Variable	Numbers
Total no of deliveries	9590
Total no of admissions	2622
Inborn admissions	2261
Outborn admissions	213
Total no of therapeutic hypothermia for hypoxic ischemic encephalopathy	15
Total no of neonates requiring surgical interventions	93

Variable	Numbers
Total no of neonates who were administered surfactant	115

Early Intervention Centre and Newborn Follow-up Clinic

Variable	Numbers
Total no. of visits	5421
Total no of new patients	980
Total no. of patients offered Physiotherapy	1285
Total no. of physiotherapy sessions	1461

Variable	Numbers
Total no. of patients offered Special Education	820
Total no. of special education sessions	1693
Total no. of Early stimulation sessions	3982

Department of Nephrology

Department Statistics - April 2024 to March 2025	
Clinical Nephrology	
Outpatient Clinics	
New	2622
Old	7255
Special Clinics	
1. Dialysis Clinic	1750
2. Glomerular Diseases clinic	2589
3. Kidney Transplantation Clinic	1476
Inpatient (IPD)	
Admissions	737
Critical Care Nephrology	
CRRT	218
Plasmapheresis	405
Haemoperfusion	87
Hemodialysis Sessions	7677
Double Filtration Plasmapheresis (DFPP)	02
Sustained Low Efficiency Dialysis (SLED)	629
Interventional Nephrology	
USG Guided Kidney Biopsies	264
Dialysis Catheter – Temporary	3698
Dialysis Catheter - Permanent	214
Kidney Transplantation Program	

Department Statistics - April 2024 to March 2025	
Living Donor Kidney Transplantation	41
Deceased Donor Kidney Transplantation	08
Patient registered under Live Donor programme	105
Patient registered under Deceased Donor programme	52
EXPIRED PATIENT (Post Transplant)	01
Inactive patients	25

Department of Neurology

		2024-25
OPD Patients	New cases	5366
	Old cases	15549
	Medication refill	32,990
IPD Admissions	General	647
	Stroke and Epilepsy	195
ICU Admissions		162
EEG		2369
NCS		1292
EMG		254
Evoked potentials		157
TCD/ECD		750
Video EEG in hours		6146
IV Thrombolysis		47
Carotid Stenting		8
Mechanical Thrombectomy		18
Epilepsy Surgery		14
Decompression hemicraniectomy for stroke		32

Department of Neurosurgery

Patient Care Services

Outpatient, inpatient, and laboratory services provided during the past year are summarized below

Parameter	Apr 24	May 24	June 24	July 24	Aug 24	Sept 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25	Mar 25
Emergency OT cases done	83	95	94	95	87	92	77	92	97	99	79	93
Elective OT cases done	32	37	28	34	27	30	32	36	33	31	36	32

Parameter	Apr 24	May 24	June 24	July 24	Aug 24	Sept 24	Oct 24	Nov 24	Dec 24	Jan 25	Feb 25	Mar 25
Neuro Trauma ICU Admissions	46	54	35	48	44	38	45	51	41	45	30	38
Neuro Trauma Ward Admissions	391	338	393	405	433	327	386	400	400	440	352	353
Elective Ward Admissions	78	71	64	92	61	31	91	88	78	103	78	85
Neurosurgery ICU admissions	33	32	30	39	25	67	36	38	31	40	36	37
Neuro Trauma ICU Mortality	9	13	7	9	11	8	7	10	6	11	11	7
Neuro Trauma Ward Mortality	0	0	0	0	0	0	0	1	0	0	1	0
Elective Ward Mortality	0	0	0	0	0	0	0	0	0	0	0	0
Neurosurgery ICU Mortality	0	2	1	5	5	0	1	1	0	4	2	3
Neuro Trauma ICU left at request or against medical advice	0	1	0	1	0	0	0	0	3	0	0	0
Neuro Trauma Ward left at request or against medical advice	0	1	0	0	0	0	0	0	2	0	0	0
Elective Ward left at request or against medical advice	0	0	0	0	0	0	0	0	0	0	0	0
Neurosurgery ICU left at request or against medical advice	0	0	1	0	0	0	0	0	0	0	0	2
New / Old / Follow-up cases	1240	1343	1111	1307	997	1206	1203	1099	1128	1227	1145	1168

Emergency OT cases done from April 2024 to March 2025: **1,083**

Elective OT cases done from April 2024 to March 2025: **388**

New / Old / Follow-up OPD cases from April 2024 to March 2025: **14,174**

Department of Nuclear Medicine

Investigational and therapeutic services	Period 2023-24
Gamma camera studies	2828
PET/CT scan	2785
Radionuclide therapy procedure	364
Radionuclide therapy outpatient visits	1467

Department of Obstetrics and Gynaecology

Outpatient, inpatient and laboratory services provided during past year are summarized below.

No	Clinics		New	Old	Total
1	General OPD Obstetrics & gynecology	6/week	36960	43089	80049
2	Cancer Clinic	1/week			1400
3	Infertility Clinic	1/week			3087
4	Post Natal clinic	1/week			1015
5	Menopause clinic	1/week			36
6	Colposcopy	1/week			211
7	Obstetric medicine	3/week			33
8	Male infertility	sat			351
9	Casualty	7/week			12077

Operations performed

Gynaecology	
Elective Major	1382
Elective Minor	1667
Emergency Major	2479
Emergency Minor	95
Cervix Biopsy	1673
Colposcopy	250
Pap smear	10860

Postpartum Programme

Method	Achievement
Copper T(including PPIUCD)	744
Oral Pills	44
Sterilization (Tubectomy)	1351

Obstetrics	
Deliveries	9590
Still births	130
Abortions	259
MTP	289
PNM	27.9
NNM	141
MMR	124.36
CS rate	31.7
VBAC	37.75
NST	33302

Obstetrics	
USG	20924
Emergency Care services(Casualty)	12077
ICU admission	1044

Department of Ophthalmology

	2023-24	2024-25
General OPD Patients	50,960	54,082
Cornea clinic	889	1250
Fundus clinic	2345	3910
ROP Screening	1516	1840
Glaucoma clinic	1792	2098
Paediatric, squint and orthoptics	698	798
Indoor admissions	2048	2133
Major Surgeries		
Cataract and related surgeries	2984	2761
Glaucoma Surgeries	390	159
Keratoplasty	78	97
Vitrectomies	287	764
Squint surgery	54	72
Refractive surgeries (LASIK/ PRK)	469	308
OPD procedures		
Fundus fluorescein angiography	224	252
Retinal Lasers	1013	1078

	2023-24	2024-25
Photodisruptive laser (NdYAG cap + PI)	164	201
Eye camps	58	68

Department of Orthopedics

Period	2024April– 2025 march (No. of patients)
OPD	
New	18622
Old	70430
Total	89052

Period	2024April– 2025 march (No. of patients)
Special clinics	
Club foot	870
Sports medicine	130
Spine clinic	94
Tumor clinic	57
Inpatient	
Admission	1890
Elective OT	916
Emergency OT	117
Trauma care OT	638

Department of Paediatrics

	2024-25	2023-24	2022-2023	2021-2022	2020-21
General Pediatric OPD New cases Old cases	88988 30831 58157	57426 10887 46,539	9960 39975	5784 28294	1559 21444
Indoor admissions	8040	7172	6808	5625	3440
SPECIAL CLINICS					
Pediatric Neurology	7787	8355	6874	4045	291
Child Guidance Clinic including Child Psychiatry Forum	2342	1836	2246	771	160
Pediatric Nephrology	7124	5731	6367	3399	3144
Pediatric Gastroenterology	361	403	429	134	11
Childhood Asthma	2354	2563	1722	840	191
Pediatric Cardiology	1377	1515	1109	598	107
Genetic Clinic Genetic Counselling Clinic	2044 (combined)	1236 138	1162 197	611 52	221 86
Pediatric Endocrinology	2019	1728	1206	561	21
(Pediatric Tuberculosis) Infectious Diseases Clinic	281	302	201	82	0
Pediatric Haematology	752	771	574	213	13
Immunisation clinic	3111	3282	3403	31239	9066
New born follow up and early intervention centre	10077 visits	5409 visits 878 (new cases)			

Department of Paediatric Surgery

	APR 2023	MAY 2023	JUNE 2023	JUL 2024	AUG 2023	SEPT 2023	OCT 2023	NOV 2023	DEC 2023	JAN 2024	FEB 2024	MAR 2024
REFERRAL CASES (OP)	22	33	25	43	47	55	38	35	46	44	36	32
NEW CASES	168	327	277	236	215	210	228	171	214	174	202	198
OLD CASES	894	1248	1128	1069	1157	925	1069	886	852	926	971	901
EMERGENCY MINOR	81	104	77	89	96	71	95	120	74	74	61	77
ELECTIVE ADMISSION	167	143	108	116	152	159	161	134	136	122	136	140
EMERGENCY ADMISSION	34	30	24	24	23	29	37	27	24	19	23	31
ELECTIVE MAJOR	66	96	101	116	93	97	98	88	70	58	82	89
EMERGENCY MAJOR	20	23	27	31	23	18	24	13	13	18	23	32
ELECTIVE MINOR	6	0	4	4	5	4	4	5	5	3	4	11
REFERRAL CASES (IP)	20	23	32	53	57	24	23	11	15	21	37	39
RADIOGRAPHIC PROCEDURES	15	23	22	14	32	28	24	30	33	21	34	26

Department of Pathology

Cytology	
Total No. of Cellblock	1330
Total No. of Special Stains	555
Gynaecological Cytology	11223
Non-Gynaecological Cytology (NGC)	12243
Imprint smears	64

Hematology & Clinical Pathology	
Main Hematology	
Bone marrow aspirates	1494
Coagulation studies	33523
Cytochemistry	783
Flowcytometry	1216
Hemolytic anemia work-up	178
SSB-Hematology	
PT/INR	38118

Hematology & Clinical Pathology	
Body fluids for cell count	5391
CBC	115570
Peripheral blood smear examination(PS)	7355
Retic count	1919
Central Lab	
CBC	312253
ESR	18177
Peripheral blood smear examination (PS)	30119
Retic count	11099
Semen analysis	941
Stool microscopy	743
Stool occult blood	1319
Urine chemistry	59738
Urine deposits	58446

IHC	
Total No. of Cases - Cytology	865
Total No. of Cases - Hematology	25
Total No. of Cases - Histopathology	5310
Total no. of IHC studies on - Cytology specimens	2744
Total no. of IHC studies on - Hematology specimens	134
Total no. of IHC studies on - Histopathology specimens	14941
H & E	1187
Special stains	305

Histopathology	
Neuromuscular Lab	
Enzymes Histochemistry	58
Histochemical Stains	189
Renal Pathology	
Immuno fluorescence	5127
light microscopy	1978
Histopathology	
Total no. of big Biopsies	32604
Total no. of small Biopsies	16652
Total number of bits	59221
Frozen	610
Outside Blocks	1244
Outside Slides	2029
Total Stains	74327
H&E	70912
Special	3415

Department of Pharmacology

Therapeutic drug monitoring services

Dept. of Pharmacology provides therapeutic drug monitoring (TDM) services for immunosuppressants and anticonvulsants. The number of samples analysed in our lab between April 2024 to March 2025 is given below:

Drugs	Total
Tacrolimus	3040
Cyclosporine	189
Sodium valproate	110
Phenytoin	64
Phenobarbitone	8
Carbamazepine	22
Urinary VMA	36

Department of P.M.R

PMR OPD

Month	OPD	Bedside referral
April 2024	2187	105
May 2024	2183	216
June 2024	2058	180
July 2024	2235	208
August 2024	1861	184
September 2024	1929	134
October 2024	2090	165
November 2024	1883	264
December 2024	1775	255
January 2025	1922	256
February 2025	1758	245
March 2025	1937	231
GRAND TOTAL	**23818**	**2443**

Cerebral Palsy Clinic: 82 (Every third Tuesday of the month)

Alcohol Injection: 18 (1-4-24 to 31-3-25)

Pl Fasciitis Injection: 1

Casting: 27

Physiotherapy Section

Month	Old Cases (OPD & IPD)	New Cases (OPD & IPD)	Total
April 2024	2038	2120	4158
May 2024	2015	2150	4165
June 2024	1950	2032	3982
July 2024	2050	2180	4230
August 2024	1728	1883	3611
September 2024	1910	2070	3980
October 2024	2030	2140	4170
November 2024	2072	2012	4084
December 2024	2075	2200	4275

Month	Old Cases (OPD & IPD)	New Cases (OPD & IPD)	Total
January 2025	1705	1826	3531
February 2025	1468	1474	2942
March 2025	1764	1712	3476
GRAND TOTAL	**22805**	**23799**	**46604**

Occupational Therapy Section

April 2024	724
May 2024	693
June 2024	674
July 2024	1024
August 2024	1064
September 2024	931
October 2024	1167
November 2024	1350
December 2024	1012
January 2025	1203
February 2025	1233
March 2025	1188

Prosthetics Section

April 2024	71
May 2024	60
June 2024	68
July 2024	76
August 2024	56
September 2024	76
October 2024	61
November 2024	93
December 2024	67
January 2025	56
February 2025	74
March 2025	70

Month	Prosthesis issued	Prosthetic Repair	Crutches and walker issued	Crutches and Walker repaired
April 2024	5	3	17	8
May 2024	7	2	17	5
June 2024	7	4	14	8
July 2024	10	6	10	5
August 2024	2	5	13	7
September 2024	11	3	12	5
October 2024	7	2	13	4
November 2024	6	2	15	4
December 2024	4	3	23	5
January 2025	1	3	17	6
February 2025	4	6	18	8
March 2025	9	2	17	5
GRAND TOTAL	**73**	**41**	**182**	**70**

Orthotics Section

April 2024	371
May 2024	511
June 2024	428
July 2024	450
August 2024	421
September 2024	393
October 2024	405
November 2024	432
December 2024	466
January 2025	480
February 2025	470
March 2025	450

Month	Orthosis (Upper and lower limb) Issued	Spinal Orthosis	Orthopedic Footwear	Footwear modifications	Crutches issued/ repairs	Walking Aids
April 2024	78	35	11	65	65	50
May 2024	58	54	10	110	120	41
June 2024	69	37	12	77	77	54
July 2024	79	41	11	80	80	45
August 2024	72	27	4	101	101	49
September 2024	69	33	8	92	92	40
October 2024	64	19	2	93	93	48
November 2024	88	22	5	86	86	55
December 2024	90	35	1	105	105	39
January 2025	66	23	2	88	88	45
February 2025	78	32	12	31	31	45
March 2025	83	35	12	27	27	45
GRAND TOTAL	**894**	**393**	**90**	**955**	**372**	**581**

Splint issued: 31

Department of Physiology

S. No	Test	Patient Investigations	Research cases
1	Autonomic Function Test	62	263
2	Tilt table test	35	-
3.	Baroreceptor Sensitivity	-	384

Department of Plastic Surgery

Sl. No.	Details of Statistics	Total
1	Bed Side Consultations Given for Referral Cases	304
2	In patient dressings in Burn Minor OT	1025
3	Procedures in Dressing Room of Plastic Surgery OPD	1809
4	Procedures in Dressing Room of Plastic Surgery Ward	00
5	Procedures in OPD Dressing in Burn Minor OT	102
6	Major Elective Burn Surgeries	117
7	Major Elective Plastic Surgeries	895
8	Major Elective Plastic Surgeries in Other OTs	96
9	Major Emergency Burn Surgeries	44
10	Major Emergency Plastic Surgeries	113
11	Major Plastic Surgeries in Emergency OT	109
12	Minor Elective Plastic Surgeries in Minor OT	253
13	Minor Elective Surgeries in Laser OT	537
14	Minor Emergency Burn dressing in Burn Minor OT	332
15	Minor Emergency Plastic Surgeries in Minor OT	3673
16	Total OPD consultations	7200
17	Anti-Aging Clinic Consultations	49
18	Brachial Plexus Clinic	384
19	Burns Clinic Consultations	427
20	Cleft clinic Consultations	707
21	Scar clinic Consultations	443
22	Transgender Clinic	36

Sl. No.	Details of Statistics	Total
23	Emergency Telemedicine Consultations	323
24	Telemedicine Clinic Consultations	1588

Department of Preventive and Social Medicine

Demographic indicators of JRHC service area for 2024-25

Indicators	Value
Total population	11,209
Birth Rate (per thousand population)	11.06
Death Rate (per thousand population)	5.9
Sex Ratio (females per thousand males)	1068
Secondary Sex Ratio (females per thousand males at birth)	1296
Number of eligible couples	1407
Couple Protection Rate	77.3%

Laboratory Services provided at JRHC during 2024-2025

Hematology	No. of tests
Hemoglobin	879
Complete blood count (CBC)	159
Peripheral Smear for Malarial Parasite	103
Blood grouping	77
Biochemistry	
Blood sugar (RBS+AC/PC+GTT)	1603
Urea	1428
Creatinine	1428
Lipid profile	1367
LFT	216
Special Investigation	
TFT	361
Vitamin B12/folate	4
Ferritin	2
HbA1c	2
Febrile illness panel	7
Serology	
HIV	111
HBsAg	87
VDRL	103
Dengue (rapid card test)	102
Typhoid (rapid card test)	39
Urine	
Urine albumin/sugar	106
Urine routine microscopic examination	119
Urine Protein/Creatinine ratio	106
Urine culture and sensitivity	117
Urine ketone	59
Urine Pregnancy test	54
Referral for sputum AFB testing	372

Healthcare service indicators of JRHC for 2024-2025

Clinic	Annual attendance	Number of clinics conducted	Average Attendance/ clinic
Outpatient	22385	297	75
Emergency duty	25415	366	69
Non-Communicable Disease	11601	64	181
Antenatal	800	60	13
Under-five	839	52	16
Adolescent	2000	52	38

Maternal and Child Health Indicators of JRHC service area for 2024-2025

Indicators	Value
Maternal care	
Total number of pregnant women registered	111
Early registration (in the first trimester)	88
Antenatal Td immunization coverage (N = 111)	111
IFA distributed	111
Institutional Delivery (No. of delivery= 123)	123
Maternal Mortality	0
Child health	
Total number of infant deaths	1
Full vaccination coverage	99.5%
Total number of under five children in the service area	679
Total number of diarrhea cases among under five children reported in OPD	91
Number of ORS packets distributed in the service area	2421

NTEP indicators of JRHC

Indicators	Value
No. of TB cases carried over from March 2024	04
No. of new TB cases registered from April 2024 to March 2025	12

Screening cascade under 100-day TB campaign in JRHC from 09.12.2024 to 17.03.2025 (N=9762) *:

Sl.No	Indicator	n*	%
1	No. of vulnerable individuals screened	4097	42
2	No. of vulnerable individuals screened positive and sputum samples collected	178	4.3
3	No. of non-vulnerable individuals screened	5665	58
4	No. of non-vulnerable individuals screened positive and sputum samples collected	91	1.6
5	Total number of sputum samples collected	269	2.8
6	No. of sputum samples tested positive for TB	3	1.1

*Includes community and OPD settings

Distribution of vulnerable population screened under 100-day TB campaign in JRHC from 09.12.2024 to 17.03.2025 (N= 4097):

S.No.	Vulnerable group	n*	%
1	Individuals with past history of TB	37	0.9
2	Household contacts of TB	64	1.5
3	Diabetes Mellitus	1440	35.2
4	BMI < 18.5	37	0.9
5	Congregate settings	0	0
6	Age > 60 years	1597	39
7	Smokers	389	9.5

*Includes community and OPD settings

Chest X-ray camp activities undertaken for 100-day TB campaign at JRHC and JRHC from 09.12.2024 to 17.03.2025:

S. No.	Indicator	n*
1	No. of X-ray camps conducted	5
2	No. of chest x-ray taken	711
3	Average chest x-rays taken per session	142
4	No. of abnormal chest x-rays detected	49 (7%)

Demographic indicators of JUHC service area for 2024-25

Indicators	Value
Total population	9032
Birth Rate (per thousand population)	8.9
Death Rate (per thousand population)	4.7
Sex Ratio (females per thousand males)	1044
Secondary Sex Ratio (females per thousand males at birth)	1147
Number of eligible couples	1236
Couple Protection Rate	63.5%

Population under service area of JUHC 2024-25

Area	Male	Female	Total (%)
Kurusukuppam	1898	1849	3747 (41)
Vaithikuppam	673	631	1304 (15)
Chinnayapuram	724	648	1372 (15)
Vazhaikulam	1320	1289	2609 (29)
Total	4615	4417	9032

Age wise population distribution of JUHC 2024-25

Age group	Male	Female	Total (%)
Less than 5 years	195	186	381 (4)
5-10 years	203	190	393 (5)
11-19 years	452	447	899 (10)
20- 49 years	1767	1601	3368 (37)
Above 49 years	1998	1993	3991 (44)
Total	4615	4417	9032

Laboratory Services provided at JUHC during 2024-2025

Hematology	No. of tests
Hemoglobin	1070
Complete blood count (CBC)	Not available
PS for Malarial Parasite	147
Blood grouping	137
Biochemistry	
Blood sugar (RBS+AC/PC+ OGTT)	4814
Renal function test	1611
Lipid profile	1611
Liver Function Test	38
Special Investigation	
Thyroid Function Test	398
Vitamin B12/folate	4
Serology	
HIV	113
HBsAg	54
VDRL	93
Urine	
Urine albumin/sugar	487
Urine routine microscopic examination	Not available
Urine Pregnancy test	62
Referral for sputum AFB testing	174

Healthcare service indicators of JUHC for 2024-2025

Clinic	Annual attendance	Number of clinics conducted in 2024-25	Average attendance per clinic
Outpatient	21490	302	100
NCD	9026	48	188
Antenatal	418	50	8
Under-five	382	49	8
Adolescent	228	24	10

Maternal and Child Health Indicators of JUHC service area for 2024-2025

Indicators	Value
Maternal care	
Total number of pregnant women registered	66
Early registration (in the first trimester)	54 (82%)
Antenatal Td immunization coverage	100%
IFA distributed	100%
Institutional Delivery	100%
Maternal Mortality	0
Child health	
Total number of infant deaths	0
Full vaccination coverage	100%

Indicators	Value
Total number of under five children in the service area	325
Total no. of diarrhea cases among under five children	33
Number of ORS packets distributed in the service area	650

NTEP indicators of JUHC

Indicators	Value
No. of TB cases carried over from March 2024	2
No. of new TB cases registered from April 2024 to March 2025	7

Department of Psychiatry

Psychiatry Annual Statistics 2024-2025

Services (Days of the week)	New	Old	Total
Affective Disorder (T & Th)	406	2034	2440
ADAPT clinic (M & W)	7	11	18
Bariatric and pre-transplant evaluation clinic (Th)	203	7	210
Behavior Addiction clinic (T & Th)	0	0	0
Child adolescent psychiatry case -18 (M,W & F)	199	682	881
Community Clinic (W & S of Fortnight)	28	162	190
Crisis intervention Clinic (Th)	52	35	87
De Addiction Clinic (M & W)	349	646	995
Marital &Psyco Sexual Clinic (T & Th)	43	47	90
Memory clinic (T & Th)	69	108	177
Peripartum Psychiatry Clinic (M & W)	59	327	386
Psychodermatology (M & W)	5	37	42
Psychosomatic clinic (T & Th)	284	433	717
Psycho-social intervention (M to S)	344	153	497
Occupation therapy (M to S)	58	81	139
Psychological Testing/ Therapy (M to S)	170	343	513
Consultation-Liaison Psychiatry (M to S)	672	364	1036
TOTAL	**2948**	**5470**	**8418**

M: Monday; T-Tuesday; W-Wednesday; Th-Thursday; F-Friday; S-Saturday; ADAPT (Alcohol & Drug Abuse Prevention & Treatment) Clinic

Department of Pulmonary Medicine

	April 2024 - March 2025
OPD	
New Cases	5672
Old Cases	37992
Total No. of cases	43664
IPD	
Ward 27	
Admissions	427
Transfer in	435
Discharges	777
Deaths	11
ID Ward	
Transfer in	12
Transfer out	1
Discharge	11
ICU 28	
Transfer in	255
Transfer out	213
Deaths	25
Discharge	25
Cases referred to DOT CENTRE	
Pulmonary Tuberculosis	521
Extra Pulmonary Tuberculosis	477
Total	998
Special Clinic (Respiratory Allergy and Immunotherapy Clinic (Friday 2 to 4.30 p.m.)	
New cases	159
Old cases	11207
Total	11366

	April 2024 - March 2025
Mantoux Testing	
Adult	2418
Paediatric	118
Total	2536
Bronchoscopy	360
EBUS	52
Respiratory physiotherapy	3967

	April 2024 - March 2025
I. Clinical Laboratory	
Pulmonary Function Test	3909
Body Plethysmography	544
Diffusion	484
II. Sputum AFB staining	
Total no. of patients tested	2547
Total no. of smear positive patients	179

Department of Radiodiagnosis

Statistics for the period from April 2024 to March 2025

General Radiography	1. Routine		80127
	2. Emergency		73768
		Total	**153895**
Special radiological Investigation	IVP, Barium and oral contrast studies, MCU, RGU, HSG, fistulogram, others (percutaneous nephrogram, loopogram, cystogram, cholangiogram)		**1825**
Mammography			**2609**
Color Doppler			**4629**
Ultrasound	Routine		29371
	Emergency		39343
	Ultrasound guided procedures FNAC, biopsy & aspiration		2467
	Antenatal USG 1st trimester		136
	Antenatal USG 2nd trimester		319
	Antenatal USG 3rd trimester		132
		Total	**71768**
CT	Routine		25608
	Emergency		35294
	CT-guided FNAC/biopsy/aspiration		128
		Total	**61030**
MRI			**9418**
Interventional Procedures	Diagnostic angiography		151
		Total	**151**
Vascular Interventions	Neurointerventions		64
	Admominal/visceral		53
	Vascular malformations (including peripheral)		30
	Pre-op tumors/Head & neck		10
	Uterine artery embolization		19

	Bronchial artery embolization		28
	Others (PICC line/Permacath)		67
		Total	**271**
Non-Vascular Interventions	Sclerotherapy (low-flow vascular anomalies/varicose veins)		149
	Biliary drainage interventions		176
		Total	**325**
Patients seen on OPD & IP referral basis for IR	IR OPD (Wednesdays)		1038
		Total	**1038**
	USG/CT guided pigtail drainage		116
	Breast interventional procedures - stereotactic biopsies, marker placements and wire localisations		104
	NJ Tube placement		17
		Total	**237**

Department of Radiation Oncology

OPD Patient Care Services		
New OPD Patients	Total New Registration	3221
Revisiting OPD Patients	Follow-up OPD	5880
	Tele Oncology Follow-up	520
	Day-care OPD	5548
	Palliative Care OPD- New Registrations Follow-up Home Visits	 856 3782 47
Palliative	Total Palliative Care OPD	4685
Total Visits (New & Revisits)		**19854**
Radiotherapy Treatment Procedures	Basic Radiation External Beam Treatment (2D & Manual)- Bhabhatron Machine	470
	3DCRT and Advanced (IMRT, IGRT, SRT) Radiation External Beam Treatment Clinac-iX Linear Accelerator	715

OPD Patient Care Services		
	Advanced (IMRT, IGRT, SRT) Radiation External Beam Treatment - Halcyon Linear Accelerator	723
	High Dose Rate (HDR) Brachytherapy	1093
	Total Patient treated with Radiotherapy	**3001**
Radiotherapy Treatment Procedures Cancer Site wise	Head and Neck Cancer Cervix Cancer Breast Cancer Others (GIT, CNS, GUT, Endocrine, Lung, Lymphoma, Leukemias etc.)	655 470 425 537
Anti-cancer Systemic & Supportive Treatments	Systemic Therapy/ Chemotherapy/ Hormones & Supportive Care (G-CSF, MAbs, Bisphosphonates etc.)	**5548**
Diagnostic Tests & Radiation Treatment Planning Scans	Digital X- rays (Onsite)	1835
	Portable X-rays	527
	CT scans- RT Simulation	3106
	CT scans -Brachytherapy	843
	CT scans- Diagnostic	655
	Total Imaging	**6966**

OPD Patient Care Services	
IN-PATIENT CARE SERVICES	
General Ward Admission	1318
Private Ward Admission	44
ICU Admission	146
Total Admissions	**1508**

Department of Surgery

Outpatient department	New cases	20,380
	Follow-up	50,304
Discharges	Ward	5344
Elective Surgeries	Major	2071
	Minor	1569
Emergency Surgeries	Major	1285
	Minor	6241
Esophagoduodenoscopy Endoscopic Procedures	Diagnostic	2982
	Therapeutic	148
Colonoscopy	Diagnostic	559

Department of Surgical Gastroenterology

	2024-25	2023-24	2022-23	2021-22
OPD patients	7989	8532	7811	6622
Indoor admissions	963	982	928	825
Operative procedures	458	452	452	431

Department of Surgical Oncology

	2024-25
Out - Patient Total	9155
Out - Patient Old	7063
Out - Patient New	858
Out - Patient Referred	1234
In - Patient Admission	540
Major Procedures	400
Minor Procedures	374
Endoscopic Procedures	165

Department of Transfusion Medicine

Sl. No	Particulars	2024-25	Increase or decrease in percentage (%) compared to the previous year 2023-24
1	Blood Collection	22383	15%
2	Camps	65	35%
3	Collection in camps	2891	40%
4	Components prepared: PRBC FFP Platelets Cryoprecipitate	 22262 18653 19655 3771	 15% 6% 9% 115%
5	Single donor platelet apheresis procedures	437	-15%
6	Leukapheresis (Peripheral blood stem cell collection)	41	-5%
7	Blood & blood components issued: PRBC FFP Platelets Cryoprecipitate	 24387 16758 22898 2231	 5% -9% 27% 42%
8	Blood Grouping and Rh typing	95265	11%
9	Compatibility testing	24501	6%
10	ICT/DCT Test	5220	18%
11	Transfusion Reactions with workup done	114	87%
12	Therapeutic phlebotomy	346	100%
13	Therapeutic plasma exchange	76	-33%

Annexure 3 Faculty / Resident Development Programs

Institute Level Programmes

Sl. No.	Date	Name of the Programme	Number of Participants
1.	20th – 22nd June 2024	III year Postgraduate Orientation Programme	128
2.	19th July, 13-14th August 2024	I year Postgraduate Orientation Programme for MD/ MS/DM/MCh & MDS residents (Batch – 1)	76
3.	1st – 3rd Aug 2024	Interns Orientation Programme	39
4.	29th – 30th Aug 2024	JACRM	8
5.	2nd – 17th Sept 2024	Foundation Course	169
6.	13th Sept, 03rd & 04th Oct 2024	I year Postgraduate Orientation Programme (Batch - 2)	70
7.	20th - 22nd Oct 2024	BLS, ATLS Course for Interns	150
8.	7th - 9th Nov 2024	MSc/MPH/PhD Ist Year Orientation Programme	72
9.	9th -11th Jan 2025	III year Postgraduate Orientation Programme	80
10.	15th Jan, 4th & 5th Feb 2025	I year Postgraduate Orientation Programme (Batch - 1)	95
11.	3th - 4th Feb 2025	Interns Orientation Programme February 2025 Batch	18
12.	5th, 17th & 18th Mar 2025	I year Postgraduate Orientation Programme (Batch - 2)	75

Regional Level Programmes

Sl. No.	Date	Name of the Programme	Number of Participants
1.	24th – 28th July 2024	BCME & CISP – III	30
2.	5th - 9th Aug. 2024	BCME & CISP-III	60
3.	19th – 23rd Aug 2024	ACME 2024 B (1st Contact session)	30
4.	23th – 26th Aug 2024	ACME 2024 A (2nd Contact session)	30
5.	7th - 8th Oct 2024	Soft Skills Training for Faculty, AIIMS Kalyani (Offsite)	140
6.	30th - 01st Jan 2025	5th BCME	30
7.	24th - 28th Feb 2025	ACME 2025A (1st Contact Session)	30
8.	28th Feb – 3rd Mar 2025	ACME 2025B (2nd Contact Session)	30
9.	24th – 28th Mar 2025	NTTC Course for AIIMS Bibinagar (Offsite)	30

National Level Programmes

Sl. No.	Date	Name of the Programme	Number of Participants
	23rd – 28th Sep 2024	91st National Course	29
	10th - 15th Feb 2025	92nd National Course	30
	10th – 12th Mar 2025	9th Senior Resident Course	43
	19th – 25th July 2024	Qualitative Research in Medical Education	10 faculty from AIIMS, Delhi, 2 faculty from JIPMER

Anneuxre 4 List of Graduates Who Are Awarded Degrees During 2024-25

List of Graduates

Sl. No.	Student Name
1	A NAGA SAILAJA
2	SUSHMITA BORA
3	SACHIT GANAPATHY
4	KOMMOJU VALLAYYACHARI
5	EDIGA VEERA KRISHNA GOUD
6	ISAAC J BAGE
7	KRISHNAPRIYA K
8	PALLEPOGULA DINESH RAJ
9	KARRE BUJJI
10	PRISCILLA C
11	PRASANNA VENKADESA PERUMAL K
12	SATHYA P
13	N. SRINIVAS
14	SREERAG K
15	RAVINDRA PRATAP SINGH
16	DHEEBIKA K
17	M. JENCY ANTONY
18	TRIPATHI SHYAM KUMAR RADHAPATI
19	SHATHISH KUMAR S
20	DINESH KUMAR MEENA
21	ATHIRA S.B
22	M. RENUGASUNDARI
23	LEON JOVITA
24	RAJARAJAN K
25	REVATHI U
26	HEMAMALINI RAGHURAMAN
27	JYOTHI VENNELA
28	ABHINA MOHANAN
Doctor of Medicine (D.M.)	
1	Dr. AKSHAY AGGRAWAL
2	Dr. AHMED WAYEZ
3	Dr. PARALE CHINMAY GURUNATH
4	Dr. RAMANATHAN V

Sl. No.	Student Name
5	Dr. ISAK LALLAWMKIMA
6	Dr. GORIJAVOLU MAMATHA
7	Dr. GAYATHRI M S
8	Dr. SANTHOSH S
9	Dr. GUNESHWARAN P
10	Dr. SUJEESH R
11	Dr. ARAVIND PRASAD
12	Dr. S VENKATESH
13	Dr. MOHAMED BILAL AZAM
14	DR. SANDEEP KUMAR PRAJAPATI
15	Dr. KARTHIKEYAN R
16	Dr. NISHIL GOWDA
17	Dr. JATHIN P
18	Dr. SANDESH C S
19	Dr. RAMACHANDRAN N
20	Dr. VIDHYA K ZACHARIAH
21	Dr. VIVEKCHANDAR C
22	Dr. SHUBHAMOY GANTAIT
23	Dr. KADARLA SHIVASAIKRISHNA
24	Dr. SREEDEEP KS
25	Dr. SIVAMURUKAN P
Magister of Chirurgiae (M.Ch.)	
1	Dr. VAIRAGAR SIDDHANT RAJENDRA
2	Dr. ASHWIN RAI
3	Dr. GEETESH RATRE
4	Dr. HARILAL S L
5	Dr. YASH HASMUKH PATEL
6	Dr. ANKIT SHUKLA
7	Dr. PROSENJIT DAS
8	Dr. KAMALA KANNAN S
9	Dr. DEEPANSHU AGGARWAL
10	Dr. JITHESH P
11	Dr. CHIRANJEET SINGH KHURANA

Sl. No.	Student Name
Post-Doctoral Certificate Course (PDCC)	
1	Dr. MADHAN R
2	Dr. K M HARI PRIYA
3	Dr. PRAJAPATI AALAPI BALDEV
4	Dr. SOUNDARYA RAVI
5	Dr. AKRITI AGRAWAL
6	Dr. MIMNA V M
7	Dr. ANUBHAB BHATTACHARYYA
Post-Doctoral Fellowship (PDF)	
1	Dr. SURESH KUMAR S
2	Dr. KONERU VAMSIKRISHNA
3	Dr. VENIPRIYA S
4	Dr. ESHA DAS
5	Dr. SARUMATHI D
Doctor of Medicine (M.D.)	
1	Dr. HARI HARAN R
2	Dr. URUSHA SHAH
3	Dr. BIPIN LUITEL
4	Dr. HISHAM BASHEER
5	Dr. JAPHIA S
6	Dr. KISHORE M
7	Dr. MUHILAN S
8	Dr. RAMYA, M .
9	Dr. SURYA S
10	Dr. VEDHA VENKATESH PT
11	Dr. VIDYA MOHAN
12	Dr. YAAL ELANGO
13	Dr. GOWTHAMAN A
14	Dr. JANANI K
15	Dr. KAVYA SHIVANAGOUDA PATIL
16	Dr. NAVIN KUMAR YADAV
17	Dr. SUSHAL K
18	Dr. VARUN B NAIR
19	Dr. JAKKULA AKHIL
20	Dr. KALAIVANI, K.
21	Dr. NANDINI R
22	Dr. NITHYA D

Sl. No.	Student Name
23	Dr. AMBIGA, R.
24	Dr. NIKILESH S.
25	Dr. F B MOHAMMED
26	Dr. ABIRAMI S
27	Dr. ARATRIKA SAU
28	Dr. MONISHA M
29	Dr. V DEVANATHA DESIKAN
30	Dr. BINDHYA K
31	Dr. ISMAIL ZABIULLA RIFAI
32	Dr. MAHADEVAN D
33	Dr. ANURAG GOLA
34	Dr. BHUKYA DIVYA HARSHINI
35	Dr. NISHAANT R
36	Dr. DEEPTI SINGH
37	Dr. RASHMI. K. V.
38	Dr. SIVA ELANGO R
39	Dr. SREE YAZHINI R
40	Dr. K ALAIARASI M
41	Dr. REVATHI S
42	Dr. TIREKHA S V
43	Dr. ADMALA ANUDEEP REDDY
44	Dr. CIMONA SHRESTHA
45	Dr. SARAVANAN M
46	Dr. SIVASUBRAMANIAN S N
47	Dr. SWETHA RAMESH
48	Dr. HARSHITHA. B.S
49	Dr. KOWSTHUBHA B G
50	Dr. SHEFALI SHARMA
51	Dr. SHRUTI SINGH
52	Dr. SINDUJAA S.N
53	Dr. VIGNESH A
54	Dr. SAMPARNA PRUSTY
55	Dr. PRIYADHARSAN S
56	Dr. AKASH J
57	Dr. AMRUTHA VARSHANI K
58	Dr. DEEPAK DANAPPA DANIGONDRA
59	Dr. GUNDA JAYA HAREESH

Sl. No.	Student Name
60	Dr. HARSHA S P
61	Dr. JAYA MADHURI SURYADEVARA
62	Dr. ROHINI CHANDRASHEKHAR
63	Dr. SUMANTH H S
64	Dr. TAMILSELVAN P
65	Dr. TATIKONDA NIHARIKA
66	Dr. NAVEEN BABY
67	Dr. VISHAL CHOUDHARY
68	Dr. ATLANTA BORAH
69	Dr. GOPINATH K
70	Dr. JOTHIVANAN PERUMAL
71	Dr. ANANYA G BHAT
72	Dr. APARAJITA SHARMA
73	Dr. ELAMATHI A
74	Dr. GOHIL ATRI JAGDISH
75	Dr. HARINI M
76	Dr. LISNA C P
77	Dr. MANIYAR GOVINDRAJ SHRINIWASJI
78	Dr. NAVEEN N
79	Dr. RAJARETHINAM R
80	Dr. RAJNEESH SINGH
81	Dr. SIBI S
82	Dr. PURSHOTAM PAUDEL
83	Dr. PRECIA ELZA GEORGE
84	Dr. SRIRAMAN P
85	Dr. DIJO D
86	Dr. MAHALAKSHMI K
87	Dr. RAMIT KUNDU
88	Dr. HYMA K P V
89	Dr. AKANKSHA Palo
90	Dr. KARTHIK BALAJI I.
91	Dr. LAKSHMAN A M
92	Dr. SAI KISHORE S
93	Dr. ABHISHEK SINGH
94	Dr. E L ABHINAVYA
95	Dr. GOKULAKRISHNAN R
96	Dr. JOHN EMMANUEL S

Sl. No.	Student Name
97	Dr. KOLLURI PRIYANKA
98	Dr. MARINA H. L. LASKOR
99	Dr. PARASELLI SAITEJA
100	Dr. PASUPATHI RAJ B
101	Dr. SANGALA PRANAY REDDY
102	Dr. SHANMUGASUNDARAM NK
103	Dr. BANOTH MAHENDER
104	Dr. KORRA DHANUNJAYA NAIK
105	Dr. AMALA SRILATHA NATARAJAN
106	Dr. ARAVINDH S
107	Dr. ARJUN RAJ BALASUBRAMANIAN
108	Dr. BHARATHIPRIYAN, G.
109	Dr. HITHA GEORGE
110	Dr. K KRANTHIKUMAR
111	Dr. MADHURIMA VERONICA LAMA
112	Dr. UMMU REESHMANIZATH S
113	Dr. VARNA MATHEW
114	Dr. MANASA RAJ
115	Dr. NANDHINI G
116	Dr. RAJASHREE J
117	Dr. SWETHA VENKATAKRISHNAN
118	Dr. VISAALI S
119	Dr. ANDREW MARIE XAVIER. V
120	Dr. PRIYATHARSINI M V.
121	Dr. ROSHA SANDESH
122	Dr. MATHIARASI, M.
123	Dr. DEEPIKA SOMANI
124	Dr. JEFRY WINNER G
125	Dr. VINUSHA VIJAYAKUMAR
126	Dr. KALAVATHY T.
127	Dr. PRASANNA S
128	Dr. PRAVEEN PRAKASH
129	Dr. JINU SHERBIN
130	Dr. PRIYA SARKAR
131	Dr. SAHANA VARSHNI R
132	Dr. SUSHMITHA NACHIYAR T
133	Dr. DAZELLE SUNGOH

Sl. No.	Student Name
134	Dr. SHIVAM GARG
135	Dr. ZEENATHALAM NADAF
136	Dr. BALA SUBRAMANIAN V
137	Dr. CHRISTIE GEORGE JOSEPH
138	Dr. KARTHIK B
139	Dr. ASIF RAHMAN. K. A.
140	Dr. POTHUBOINA LEELA KRISHNA
141	Dr. BEJJAM RAHUL BABU
142	Dr. ANANTH R
143	Dr. BHARGAV SHREERAM GUNDAPUNEEDI
144	Dr. HARISH M
145	Dr. LAKSHMI RAMACHANDRAN
146	Dr. PRASOON GARG
147	Dr. VINN OLY T
148	Dr. KAUSHIK U.G
149	Dr. KIRUTHIKA E
150	Dr. MEGHARAJ KATTOLI
151	Dr. NALLAMILLI KRISHNA REDDY
152	Dr. NISHANTH V
153	Dr. BALACHANDAR R
154	Dr. DANIEL EMMANUEL S
155	Dr. LAWMSANGZUALA
156	Dr. RISHIVANSH SHARMA
157	Dr. SATHIYALAKSHMI R
158	Dr. SHWETA SINGH
159	Dr. SWIKRUTI DASH
Master of Surgery (M.S.)	
1	Dr. AISHWARYA R
2	Dr. ADITHYA KEVIN J
3	Dr. AFZAL MUHAMMED FYSEL
4	Dr. BONEY GEORGE JOSEPH
5	Dr. BUSAGOUNI TEJA KUMAR GOUD
6	Dr. CHAKRAVARTHY P
7	Dr. INDUSHEKAR T C
8	Dr. R SRINATH
9	Dr. RATUL D K
10	Dr. SHALINI G S

Sl. No.	Student Name
11	Dr. SRIRAM V S
12	Dr. TADIKONDA SANJAY
13	Dr. VARUN R
14	Dr. CHANDAVARAM BHANUPRAKASH
15	Dr. CHINTHI REDDY PRANAYPAL REDDY
16	Dr. DEBOLINA PAL
17	Dr. GNANESHVAR M
18	Dr. GOPIKRISHNA M
19	Dr. LAKSHMI SRIRAM
20	Dr. NIKHIL B N
21	Dr. RAJALEKSHMY M R
22	Dr. SAGAR.P
23	Dr. SOWMYA RAMGOPAL
24	Dr. SURYA K
25	Dr. SHUVARAJ POKHAREL
26	Dr. NEKKANTI MANJEERA
27	Dr. SNEHA BASKEY
28	Dr. APURVA MAHESHWARI
29	Dr. GORLE SPOORTHI
30	Dr. HASTHA R AITHAL
31	Dr. JERRIN PHILIP
32	Dr. MANEESHA P
33	Dr. PALLAVI. U
34	Dr. RUCHITHA. K
35	Dr. SHIKHA TIWARI
36	Dr. SHUBHI DUBEY
37	Dr. VINODHINI E
38	Dr. YARLAGADDA JANE JASMINE
39	Dr. RICHA ACHARYA
40	Dr. TEJUS R
41	Dr. ABHINAYA BUBESH KUMAR
42	Dr. ASHWINI G
43	Dr. INDRANIL DAS
44	Dr. KOKILA R
45	Dr. PERUMALLA HARIKA
46	Dr. RAVI SAI JYOTHIRMAI
47	Dr. SHREYANKA H V

Sl. No.	Student Name
48	Dr. SIDDHARTH J VARMA
49	Dr. SYAMALA PRATHYUSHA
50	Dr. PREETI SHARMA
51	Dr. REEMA THAPA MAGAR
52	Dr. ABBURU CHARITA
53	Dr. ANUREET KAUR
54	Dr. DISHA AGARWAL
55	Dr. PATEL MRUGANK DIVYESHKUMAR
56	Dr. R. PRIYANKA
57	Dr. SALWA KAIDAKATH
58	Dr. BRINDHA P
59	Dr. MANOJ RAJBANSHI
60	Dr. NUHMAN P
61	Dr. SHIVA S
62	Dr. VIGNESWARAN S
63	Dr. HANOOPH S
64	Dr. SHARRAN, M.
65	Dr. VIBHANSU YADAV
66	Dr. DHAVAL MUKUND MODI
67	Dr. ASWIN VARIJAKSHAN
68	Dr. K NGOHLAKI
69	Dr. SHARULATHA, R.
70	Dr. RAMKUMAR R
71	Dr. VIJAY SAI KUMAR A S
Master of Dental Surgery (MDS)	
1.	Dr. SANGEETHA U
Master of Public Health (M.P.H.)	
1	ABINANDHAN M
2	ANUSHA SEELAMANTULA
3	ARYA T S
4	CHANDRU S
5	DEEPTHI P
6	FLORIYA SEBASTIAN
7	HARIKRISHNAN G C
8	KAVYA S
9	LOGANATHAN D
10	MAMTA MOR

Sl. No.	Student Name
11	MENAKA A
12	MUHAMMED SHIFAN T K
13	PURNIMA TADINGI
14	ROOPA SRI R
15	SOMBUDDHA BISWAS
16	SONA PRIYANKA A
17	SREESHMA NARAYANAN PP
18	SUSMITHA P S
Master of Science in Nursing (M.Sc. Nursing)	
1	ANUPRIYA K
2	ARUSHI DHIMAN
3	DEVA KARUNYAM J
4	DISHANI DEY
5	GOKUL K
6	GRACE MOANARO IMCHEN
7	MARGARET KATH
8	OYINANG TAGGU
9	SHABNAM KAUSAR
10	BANDITA SHEE
11	CHUBAMENLA AIER
12	DIVYABHARATHI T
13	PRADEEPA A K
14	TASSO MONYA
15	BARSHARANI BEHERA
16	JEBISHA J.
17	KAVITHA P
18	KOMOL KUNDU
19	TSETEN LHAMU SHERPA
20	HEMAMALINI A
21	LALITHA KUMARI B
22	PRIYA K
23	SANTHIRALEKA A
24	DIBYA CHAKRABORTY
25	E JENIFER
26	JOYSHREE BORA
27	RIPTI SANTRA
28	RIYA MANDAL

Sl. No.	Student Name
Master of Science (M.Sc.) Allied Health Sciences	
1	ADITI THAKUR
2	INJAMAM UL HOSSAIN
3	MANISHA SARKAR
4	MUTHAMIZHKUMARAN S
5	ANTO RICKY SHERWIN A
6	BALAMURALI P
7	RAMADEVI SELVARADJOU
8	SRIRAM M PATTABI
9	SHUBH LAXMI
10	MITALI
11	SAMEER
12	SHIVANGI SINGH
13	SHUBA J
14	ELAKIYA M
15	SHEMUSHI DAS
16	USHA DHANARADJA
17	NISHAL THELLAKULA
18	SURU RAMESH CHANDRA
19	NITISH KUMAR
20	VAISHNAVI VISWANATHAN
21	DEVIKA J
22	BHARATHIKUMAR S
23	SNEHA VINAYAN
24	SACHIN VENGAT V
25	AMRUTHA A P
26	ARYA CHANDRAN
27	BUVANESWARI P
28	SHRUTHI B S
29	SUSMITHA S
30	ANAGHA K J
31	RAJESWARI A
Bachelor of Medicine and Bachelor of Surgery (MBBS)	
1	DIVYA SAINI
2	ANEESA MOHAMED SHAFI
3	ASHIQ KS
4	HARSHITA BEHERA

Sl. No.	Student Name
5	MOHANAVIGNESH J
6	M AAKASH ARAVINDH
7	AARON GOYAL
8	AARUSHI KOLLANA
9	AASHISH JOSHY
10	AGILESH R
11	AKANSHA PRIYA
12	AKASH G
13	AKSHAY B
14	ALBERT PHILIP JACOB
15	AMIT KUMAR SINGH
16	AMRITHA MONICA V
17	ANKADALA ANIRUDH BABU
18	ANTHIREDDY SAHITH REDDY
19	ANUPAM S KESHAV
20	ANUPAMA VINAYAN
21	ARAVIND S
22	ARCHISHA DUTTA
23	ARSHAD AHMED
24	ARUNACHALAM SM
25	ASHNA AKES
26	BALAJI B S
27	BHAGYALAKSHMI M
28	BHALKE MRUDULA SANTOSH
29	BHAVYA KALIKI
30	BIKASH SAHOO
31	CHITTULURI KONDAMEEDA SAI THARUN
32	DANIA ELIZABETH EAPEN
33	DEBDEEP SAHA
34	DESAI AGASTHYA ARNAV
35	DEVULAPALLY VAISHNAVI
36	DHRUV THARUN KRISHNA
37	DUSHYANT TIWARI
38	GANDE ADARSH
39	GANGAM SIRI CHANDANA
40	GANJIKUNTA SREEVATHSAV
41	GAUTHAM VISWANATH

Sl. No.	Student Name
42	GOKUL PRASAD R
43	M GOTHANDARAMAN
44	HARI NARENDHIRAN N E
45	HEMANT JASSAL
46	HEMAVATHI K
47	HIMADRI SARKAR
48	JAYAKRISHNA J
49	KAMINENI VENKATA TEJA
50	KATKAM SHASHIDHAR
51	KHADEEJA RINU
52	KODURU SRIHARSHA
53	LINA SAFARULLA
54	MAHESHKUMAR M
55	MAJJIGAPU SRIYUDH REDDY
56	MANJUSHA K P
57	MANUKRISHNA S
58	MASHETTY BHAVANA
59	MERIN MATHEW
60	MISHA MADAN
61	MOHAMMED MUBASHIR K
62	NANDANA ULLAS
63	NAVEEN BABU VELEEPARAMBIL
64	NISHTHA MAHAJAN
65	NISTHA LAHIRI
66	NITHI P
67	NIVEDH R V
68	ONTERU VENKATA SAI HARSHA VARDHAN REDDY
69	PANDHARE LIKHITA GUNNILAL
70	POLIMERA ROSHINI
71	PRABHATH SURYA KATTA
72	PRASHANTH S
73	PREETHIKA SAMPATH KUMAR
74	RAHUL AJITH
75	RAJPUT PRITHVISING DARBARSING
76	RISHI BENNY
77	ROHAN PUROHIT
78	ROHIT RAMAVATH

Sl. No.	Student Name
79	RONAK SHAH
80	SABREEN BANO
81	SAIHARSHIT JASTI
82	SALMA SUMAN P
83	SAMIR AHUJA
84	SAMREEN FATHIMA R
85	SAMUDRALA RITVIK
86	SANA ISRA CHARKHEY
87	SANDEEP R
88	SANJAY KRISHNAN A
89	L SANNIHITH
90	SARAVANAN S
91	SHAIK SAMEENA TASNEEM
92	SHAMNAZ NOUREEN
93	SHIRIN SAHNA ATHIKKAI
94	SHIVALIKA RUSTAGI
95	SHREYA AGARWAL
96	SHRIJITA CHOWDHURY
97	SHRUTI BARNWAL
98	SHUBHANG MUNDRA
99	SIDDHANT AGRAWAL
100	SIDDHARTH RAVI
101	SOWPARNIKA B ANIL
102	SWATHI BHANU
103	THAMTHAM MAHESH
104	THANKGESWAR N
105	TILESHA R PATIL
106	VAISHNAVI V P
107	VARUN MUPPIDI
108	VIGNESH A
109	VIGNESH RAMANAN B
110	VIGNESHWAR M
111	VINNAKOTI KEERTHI
112	VISHVA B
113	VISHWA I
114	AKASH CHOUDHURY
115	AMRIT RAJ

Sl. No.	Student Name
116	HUSENA T P
117	PARTH NARAYAN SINGH
118	ANZAR HUSSAIN
119	APURV GUPTA
120	ARADHANA MUKHERJEE
121	ARAVIND S
122	ARVIND S
123	S DEVI SANKAR
124	DEVIKA R
125	DHAARANY R
126	E V DHARANEESWAR REDDY
127	FARIS T K
128	GUDURU SAIEESH
129	HALEEMATHU SAHDIYA
130	HARSH VARDHAN AHLAWAT
131	JAJOO ADARSH SANJIV
132	JOS THOMAS MAMMOOTTIL
133	KARTHIKEYAN B
134	KEERTHI M ANAND
135	KRISHNA KUMAR
136	NAJIYA T P
137	NEENA KRISHNAN B
138	POOJA BABU
139	A SARANYA
140	SHAINA B
141	SHRUTI ARYA
142	VENKATA SAI SAMPATH JOSHI BURLA
143	VINODH C
144	YADHUNANDANA S
145	YOGESWARI P
146	AAROMAL B MAANAS
147	AYESHA RUSHDA
148	REEKUL RATHORE
149	VIBHAV SINGH
150	GAUTHAM B KRISHNA
151	KOVARTHANAR R
152	ANUPRABHA GAYEN

Sl. No.	Student Name
153	ASHUTOSH KATTIMANI
154	ATHUL SURESH KRISHNAN
155	AVIJIT CHAUHAN
156	BADDE ANANDRAJ
157	BHUVAN SAI SRIRAM LANKA
158	DANUSSHARUN A S
159	IMMADY SRILEKHA
160	JAISAI ABHIRAJ BARATAM
161	JAKIR HALDER
162	MUDAVATH SAI KIRAN
163	NAJITHA FATHIMA V M
164	NILABHA HALDER
165	PRANAV BOSE BAVANARI
166	RAGURAM SUDAN A R
167	SABAREESH V
168	SARANDEV A
169	SHUBHANGI NANDINI
170	SIDDHARTH BHOI
171	SOURASISH DAS
172	STEVE SATHISH GEORGE
173	TEJAVATH MANASA
174	VARTHYAVATH VISHNU DATTA
175	YANESHWAR K
176	ZAMARE ABHISHEK PREMDAS
177	AKSHIT KUMAR
178	CATHERINE SHINY E
179	JAYA MANOHAR
180	ABHISHEK GUPTA
181	AJAY BAMNIYA
182	AMAL MANOHAR
183	AMRITMAYEE MAHALI
184	COLIN CHACKO SEBASTIAN
185	DHAKADE SAURABH RAMRAO
186	HARY THOTTATHRY M
187	KAVYA JAISWAL
188	KHADE ANUTTAR BHOJRAJ
189	MIDHUN M

Sl. No.	Student Name
190	SAT SHREE PRAKASH SINGH
191	SHADIYA SHERIN
192	UDHAYAN R V
193	VASUNDHARA PANWAR
194	YANGSHEN LAMO
Bachelor of Science (B.Sc.) in Nursing	
1	DIVYA KINDO
2	OLGA JANET KANDULNA
3	SUBHAM KUMARI
4	GOKULALAKSHMI A
5	AKSHAY P
6	NILZA ANGMO
7	RUTH RAJINA HEMBROM
Bachelor of Science (B.Sc.) Allied Health Science	
Bachelor in Audiology and Speech-Language Pathology [BASLP]	
1	ISWARYA
Bachelor of Science (B.Sc.) in Cardiac Laboratory Technology	
1	P.BALAGURU
2	BOOPALAN. P
3	FAHMIYYA FAJIMA T K
4	NIJIL RAJ
5	SUHAILA M
Bachelor of Science (B.Sc.) in Dialysis Technology	
1	AISWARYA BABU
2	ANJALY B S
3	GEETHU LEKSHMI BV
4	JAHANA NM
5	ROSHIN S
Bachelor of Science (B.Sc.) in Neuro Technology	
1	HASEENA P V
2	MINNATH C
3	NAJIYA NASREEN KT
4	NISMA M
5	SHADA MOHAMED OLAKARA

Sl. No.	Student Name
Bachelor of Science (B.Sc.) in Nuclear Medicine Technology	
1	DHIYA
2	KOMAGAL M
3	MUFEETHA SHERIN
4	SHABEEHA JABEEN V P
5	SUSAN GRACE MATHEW
Bachelor of Science (B.Sc.) in Perfusion Technology	
1	ARTHY S
2	HARINEKSHANA K H
3	KAVYA KRISHNAN
4	MOHAMMED MISBAHE
5	SUBIKSHA S
Bachelor of Science (B.Sc.) in Radiotherapy Technology	
1	AISWARYA T S
2	ANUSUYA K
3	HUBAID BASHARI
4	KAVYA VIJAYAN
5	NASLA KOTTEKKAT
Bachelor of Science (B.Sc.) in Anesthesia Technology	
1	ASWIN KRISHNA T R
2	GAURAVA VENDHAN V K
3	SARAVANA KUMAR S
4	THAMIZHARASI X
Bachelor of Science (B.Sc.) in MLT in Blood Banking	
1	DHARSHINI V
2	GOPIKA K P
3	MEERA JOSEPH
4	POOJA SHRI J
5	SARANYA S
Bachelor of Science (B.Sc.) in Medical Technology - Radiodiagnosis	
1	AMEEN BASIL C

Sl. No.	Student Name
2	ANAND ARYAN
3	FATHIMA HANAN K P
4	RISHANA SHAHSIN
5	YUSRA.P.C
Bachelor of Science (B.Sc.) in Medical Laboratory Technology	
1	ABDUL BASITH M.G
2	ANJALI KRISHNA
3	ANUSREE L S
4	ANUVINDA ANILKUMAR
5	ARJUN K
6	ARKADEEP RAHA
7	ARKADEEP RAHA
8	ARVIND
9	ASNIYA JASEEM
10	ATHIRA V R
11	BHAGAVAD SIMEON S
12	DEVARANJANI.K
13	DEVIKA R P
14	DIYA AYISHA
15	FATHIMATH NIGILA

Sl. No.	Student Name
16	JASLA PV
17	KADEEJA NAJIHA V
18	KIRTANA.G
19	KIRUBA S
20	LEENA AMUTHU W
21	M GOWTHAMAPRIYAN
22	MINSIYA USMAN
23	MOHAMMED FARSAD
24	MOHAMMED FAVAZ PN
25	NANDHINI N
26	PARKKAVI M
27	RASHA ISMAIL
28	RAVINDRA KUMAR
29	RHISHIKA A PRAKASH
30	RISHIDEEPAN J
31	SHABEERA PARAVAKKAL
32	SHIMLY
33	SHIMNA T
34	R SRI DHARSHINI
35	THEJNA T V



JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH



(An Institution of National Importance under
Ministry of Health & Family Welfare)
Dhanwantari Nagar, Puducherry – 605 006

BALANCE SHEET
2024-25

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

BALANCE SHEET AS AT 31.03.2025

(Amount in Rs.)

CORPUS/ CAPITAL FUND AND LIABILITIES	***Schedule***	***Current Year 2024-2025***	***Previous Year 2023-2024***
CAPITAL FUND	1	6,02,89,61,968.13	20,88,11,11,770.89
RESERVES AND SURPLUS	2	-	-
EARMARKED/ ENDOWMENT FUNDS	3	65,94,81,049.14	51,59,15,248.62
OTHER FUNDS	3A	15,29,971.00	19,44,746.00
SECURED LOANS AND BORROWINGS	4	-	-
UNSECURED LOANS AND BORROWINGS	5		-
DEFERRED CREDIT LIABILITIES	6	-	
CURRENT LIABILITIES AND PROVISIONS	7	19,34,08,41,745.20	4,72,63,55,693.99
Total		**26,03,08,14,733.47**	**26,12,53,27,459.50**
ASSETS			
FIXED ASSETS	8	13,17,35,93,706.64	13,65,88,55,041.74
INVESTMENTS – FROM EARMARKED/ENDOWMENT FUNDS	9	-	-
INVESTMENTS – OTHERS	10	-	-
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	12,85,72,21,026.83	12,46,64,72,417.76
MISCELLANEOUS EXPENDITURE		-	-
(to the extent not written off or adjusted)			
SIGNIFICANT ACCOUNTING POLICIES	24	-	-
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25	-	-
Total		**26,03,08,14,733.47**	**26,12,53,27,459.50**

20/11/25

VARSINI ARUN,IA&AS
SENIOR FINANCIAL ADVISOR
वरिष्ठ वित्त सलाहकार
Senior Financial Advisor
जिपमेर / JIPMER
धन्वंतरि नगर / Dhanvantri Nagar
पुदुच्चेरी / Puducherry-605 006

28/11/2025

DR.VIR SINGH NEGI
DIRECTOR
निदेशक / DIRECTOR
जवाहरलाल स्नातकोत्तर आयुर्विज्ञान
शिक्षा एंव अनुसंधान संस्थान
JAWAHARLAL INSTITUTE OF POST-GRADUATE
MEDICAL EDUCATION RESEARCH
पुदुच्चेरी / Puducherry-6.

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

INCOME AND EXPENDITURE FOR THE PERIOD 01.04.2024 TO 31.03.2025

(Amount in Rs.)

INCOME	***Schedule***	***Current Year 2024-2025***	***Previous Year 2023-2024***
Income from Sales / Services	12	60,62,40,980.70	42,10,97,538.69
Grants/ Subsidies	13	12,18,08,01,272.04	10,85,91,66,335.34
Fees/ Subscriptions	14	2,56,95,560.00	2,61,28,028.53
Income from Investments (Income on Invest. from earmarked/endow. Funds transferred to Funds)	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	39,10,00,601.14	34,47,56,442.70
Other Income	18	-	-
Increase/ (decrease) in stock of Finished goods and works-in-progress	19	4,45,81,573.57	(2,38,89,946.72)
Transfer to Corpus Fund for Expenses incurred			
Total (A)		13,24,83,19,987.45	11,62,72,58,398.54
EXPENDITURE			
Establishment Expenses	20	22,93,54,82,385.00	7,66,47,06,340.00
Other Administrative Expenses etc.	21	3,15,86,92,974.76	2,99,93,19,685.92
Expenditure on Grants, Subsidies etc.	22	-	-
Interest	23	-	-
Total (B)		26,09,41,75,359.76	10,66,40,26,025.92
Balance being Excess of Income over Expenditure before Depreciation C= (A-B)		(12,84,58,55,372.31)	96,32,32,372.62
Depreciation (Net Total authorities the year-end- corresponding to Schedule 8) D	8	1,45,32,58,192.10	1,29,20,42,035.83
Balance being Excess of Income over Expenditure After Depreciation but before Prior Period Expenses items E= (C-D)		(14,29,91,13,564.41)	(32,88,09,663.21)
SIGNIFICANT ACCOUNTING POLICIES (+ / -) Prior Period Income Expense Netted -F	24	53,87,72,545.92	20,28,48,363.42
Balance being Excess of Income over Expenditure G= (E-F)		(14,83,78,86,110.33)	(53,16,58,026.63)
Transfer to Special Reserve (Specify each)			
Transfer to / from General Reserve			
BALANCES BEING SURPLUS/ (DEFICIT) CARRIED TO CAPTIAL FUND		(14,83,78,86,110.33)	(53,16,58,026.63)
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

20/11/25

VARSINI ARUN,IA&AS
SENIOR FINANCIAL ADVISOR
वरिष्ठ वित्त सलाहकार
Senior Financial Advisor
जिपमेर / JIPMER
धन्वंतरि नगर / Dhanvantri Nagar
पुदुच्चेरी / Puducherry-605 006

20/11/2025

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JAWAHARLAL INSTITUTE OF POST-GRADUATE
MEDICAL EDUCATION RESEARCH
पुदुच्चेरी / Puducherry-6.

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2025

(Amount in Rs.)

SCHEDULE 1- CAPITAL FUND:	*Current Year 2024-2025*		*Previous Year 2023-2024*	
Balance as at the beginning of the year		20,88,11,11,770.89		16,68,43,01,353.23
Add: Transfer from Unutilised Grants account				-
Add: Grants from Central Government to the extent Utilized for Capital Expenditure		1,11,72,40,191.00		4,65,33,36,874.29
Add: Contributions towards Donation Fund		-		6,99,55,500.00
Add: Contributions towards Corpus/Capital Fund		-		51,76,070.00
Less : Prior Period adjutment for Grants		(1,01,12,34,483.43)		
Less: Refund to Minsitry -CPWd		12,02,69,400.00		
Less: Deficit Transfer from Income & Expenditure a/c		14,83,78,86,110.33		53,16,58,026.63
BALANCE AT THE YEAR END		**6,02,89,61,968.13**		**20,88,11,11,770.89**

SCHEDULE 2-RESERVES AND SURPLUS:	*Current Year 2024-2025*		*Previous Year 2023-2024*	
1. Capital Reserve:				
As per last Account	-	-	-	-
Addition during the year	-	-	-	-
Less: Deductions during the year	-	-	-	-
2. Revaluation Reserve:				
As per last Account	-	-	-	-
Addition during the year	-	-	-	-
Less: Deductions during the year	-	-	-	-
3. Special Reserves:				
As per last Account	-	-	-	-
Addition during the year	-	-	-	-
Less: Deductions during the year	-	-	-	-
3. General Reserve:				
As per last Account	-	-	-	-
Add: Transfer from P&L	-	-	-	-
Less: Transfer to Unutilised Grant-in- Aid	-	-	-	-
Total	-	-	-	-

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2025

(Amount in Rs.)

SCHEDULE 3 - EARMARKED/ENDOWMENT FUNDS	FUND –WISE BREAK UP				TOTALS	
	Opening Balance	Additions	Utilization	Closing Balance	Current Year 2024-2025	Previous Year 2023-2024
FUNDS	(A)	(B)	(c)	(A + B - C)		
Opening balance of the funds						
Specific & Research Fund	36,04,50,219.32	38,15,11,274.78	28,89,15,415.26	45,30,46,078.84	45,30,46,078.84	36,04,50,219.32
Prime Minister Health Fund	14,56,45,585.55	12,88,63,500.00	7,84,43,666.00	19,60,65,419.55	19,60,65,419.55	14,56,45,585.55
Poor Patient Fund	37,88,228.42	4,09,691.00	1,18,248.00	40,79,671.42	40,79,671.42	37,88,228.42
Jiva Daya Foundation	4,93,657.83	13,719.00	-	5,07,376.83	5,07,376.83	4,93,657.83
Endowment Fund	55,37,557.50	2,44,945.00	-	57,82,502.50	57,82,502.50	55,37,557.50
Total	**51,59,15,248.62**	**51,10,43,129.78**	**36,74,77,329.26**	**65,94,81,049.14**	**65,94,81,049.14**	**51,59,15,248.62**

SCHEDULE 3-A -OTHER FUNDS	FUND –WISE BREAK UP				TOTALS	
	Opening Balance	Additions	Utilization	Closing Balance	Current Year 2024-2025	Previous Year 2023-2024
FUNDS	(A)	(B)	(c)	(A + B - C)		
a) Opening balance of the funds						
b) Corpus fund -Tuition Fee	12,82,746.00	2,47,225.00		15,29,971.00	15,29,971.00	12,82,746.00
c) University Development Fee	6,62,000.00		6,62,000.00	-	-	6,62,000.00
Total	**19,44,746.00**	**2,47,225.00**	**6,62,000.00**	**15,29,971.00**	**15,29,971.00**	**19,44,746.00**

Represented by	Specific & Research Fund -	Rashtriya Arokia Nidhi & PM Health Fund	Poor Patient Fund	Jiva Daya Foundation	Endowment Fund
Cash and Bank Balances	45,30,46,078.84	19,60,65,419.55	39,97,292.42	5,07,376.83	20,96,288.50
Fixed Deposits	-	-	-	-	36,45,677.00
Interest accrued but not due	-	-	82,379.00	-	40,537.00
Total	45,30,46,078.84	19,60,65,419.55	40,79,671.42	5,07,376.83	57,82,502.50
	-	-	-	-	-

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2025

(Amount in Rs.)

SCHEDULE 4 - SECURED LOANS AND BORROWINGS:	Current Year 2024-2025		Previous Year 2023-2024	
1. Central Government	-	-	-	-
2. State Government (Specify)	-	-	-	-
3. Financial Institutions				
a) Term Loans	-	-	-	-
b) Interest accrued and due	-	-	-	-
4. Banks:				
a) Term Loans	-	-	-	-
Interest accrued and due	-	-	-	-
b) Other Loans (specify)	-	-	-	-
Interest accrued and due	-	-	-	-
5. Other Institutions and Agencies	-	-	-	-
6. Debentures and Bonds	-	-	-	-
7. Others (Specify)	-	-	-	-
Total	-	-	-	-
Note: Amount due within one year				

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2025

(Amount in Rs.)

SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS	Current Year 2024-2025		Previous Year 2023-2024	
1. Central Government	-	-	-	-
2. State Government (Specify)	-	-	-	-
3. Financial Institutions	-	-	-	-
4. Banks:				
a) Term Loans	-	-	-	-
b) Other Loans (specify)	-	-	-	-
5. Other Institutions and Agencies		-	-	-
6. Debentures and Bonds	-	-	-	-
7. Fixed Deposits	-	-	-	-
8. Other (Specify)	-	-	-	-
Total	-	-	-	-
Note: Amounts due within one year				

(Amount in Rs.)

SCHEDULE 6- DEFERRED CREDIT LIABILITIES:	Current Year 2024-2025		Previous Year 2023-2024	
a) Acceptances secured by hypothecation of capital equipment and other assets	-	-	-	-
b) Others	-	-	-	-
Total	-	-	-	-
Note: Amounts due within one year				

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2025

(Amount in Rs.)

SCHEDULE 7-CURRENT LIABILITIES AND PROVISIONS	*Current Year 2024-2025*		*Previous Year 2023-2024*	
A. CURRENT LIABILITIES				
1. Acceptances	-	-	-	-
2. Sundry Creditors:				
a) For Goods	-		-	-
b) Others -Student Cafeteria	-		68,281.00	
c) Letter of Credit For Machinery	-		26,75,643.00	
d) HLL Payable	17,13,348.00	17,13,348.00	93,00,000.00	1,20,43,924.00
3. Advances Received	-		-	
4. Interest accrued but not due on:				
a) Secured Loans/borrowings	-	-	-	-
b) Unsecured Loans/borrowings	-	-	-	-
5. Statutory Liabilities:				
a) Tax Deducted at Source	6,64,89,098.87		4,92,82,876.21	
b) Goods and Services Tax	5,65,735.00		4,34,808.00	
c) Goods and Services Tax-Government TDS	93,74,077.00		59,66,496.66	
d) Tax Collected at Source	1,15,286.00		92,676.00	
e) Employee Liability				
(1) General Provident Fund	1,78,38,442.00		2,15,01,410.00	
(2) Employee Provident Fund	99,58,210.50		1,68,23,137.50	
(3) Employee State Insurance	-			
(3) New Pension Scheme	7,30,88,275.09		6,45,38,847.09	
(4) CGEGIS	30.00		300.00	
(5) PAO	12,026.00	17,74,41,180.46	1,01,151.00	15,87,41,702.46
6. Other Current Liabilities				
a) Deposits				
(1) Education Section - Caution Deposit	30,74,100.38		23,61,009.38	
(2) Earnest Money Deposit	26,97,70,592.39	27,28,44,692.77	25,76,05,622.39	25,99,66,631.77
b) Grant Details				
(1) Grant in Aid	3,99,42,16,242.12		3,46,41,40,037.91	
(2) CBHI	27,87,172.00	3,99,70,03,414.12	23,09,636.00	3,46,64,49,673.91
c) LIC	4,82,589.37		1,44,711.37	
d) Scholarship	2,35,530.00		4,99,135.00	
e) Housing Building Advance	-		1,271.00	
f) AIMS Madurai	-		1,36,29,180.01	
g) Security Deposit -INI CET PG	12,00,000.00	19,18,119.37	12,00,000.00	1,54,74,297.38
		-		
Total A		4,45,09,20,754.72		3,91,26,76,229.52
B. PROVISIONS				
1. For Taxation		-		-
2. Gratuity		3,13,40,16,697.00		-
3. Superannuation/Pension		9,19,72,99,386.00		-
4. Accumulated Leave Encashment		1,88,45,37,665.00		-
5. Trade Warranties/Claims		-		-
6.Others(Specify)		67,40,67,242.48		81,36,79,464.47
		14,88,99,20,990.48		81,36,79,464.47
Total (A+B)		19,34,08,41,745.20		4,72,63,55,693.99

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31-03-2025

SCHEDULE 8 - FIXED ASSETS (Amount in Rs.)

Sl. No	TYPE OF ASSETS	Gross Block					
		Gross Block as on 1/4/2024	Additions > 180 days	Additions < 180 days	Total Additions during the year	Gross Block as on 31/03/2025	Deletion / Transfer WIP
	JIPMER -FIXED ASSETS:						
1	**BLOCK -0%**						
	Land	1,20,000.00	-	-	-	1,20,000.00	
	Land -Sedarapet	4,35,348.00			-	4,35,348.00	
		-				-	
2	**BLOCK -5%**	-			-	-	
	Building Residential	1,15,91,20,110.00	5,92,759.00	-	5,92,759.00	1,15,97,12,869.00	-
		-			-	-	
3	**BLOCK -10%**	-			-	-	
	Building Non- Residential	10,29,84,50,606.26	4,88,29,664.00	42,66,04,001.00	47,54,33,665.00	10,77,38,84,271.26	
	Office Furniture	11,91,06,852.00	1,44,11,914.00	4,45,343.00	1,48,57,257.00	13,39,64,109.00	
	Electrical Installation	59,17,07,342.00	5,11,24,030.00	61,93,148.00	5,73,17,178.00	64,90,24,520.00	
	External Services	59,43,09,501.00	1,79,57,592.00	3,51,43,606.00	5,31,01,198.00	64,74,10,699.00	
		-			-	-	
4	**BLOCK -15%**	-			-	-	
	General Equipments	4,59,33,41,792.57	8,30,34,861.00	7,89,22,771.00	16,19,57,632.00	4,75,52,99,424.57	
	Motor Vehicles	2,39,48,133.00	40,89,511.00		40,89,511.00	2,80,37,644.00	
	Central Library Books	3,20,60,244.51	2,62,940.00		2,62,940.00	3,23,23,184.51	
	Television	1,08,900.00	-	-	-	1,08,900.00	
	Water Purifier	32,600.00	-	-	-	32,600.00	
	Name Board	1,31,35,084.00	-	-	-	1,31,35,084.00	
	Wi-Fi	3,50,99,501.00	-	-	-	3,50,99,501.00	
00	Office Equipmernt	15,17,721.00		20,000.00	20,000.00	15,37,721.00	
5	**BLOCK -30%**	-			-	-	
	Battery Car	24,43,663.00	-		-	24,43,663.00	
		-			-	-	
6	**BLOCK -40%**	-			-	-	
	Life Saving Equipment	31,25,97,330.00	-	-	-	31,25,97,330.00	
	COMPUTER	-			-	-	
	a) AIS Unit	15,99,78,998.32	4,50,11,204.00	9,90,000.00	4,60,01,204.00	20,59,80,202.32	
	b) HIS Unit	6,93,43,373.00	20,93,500.00	3,36,28,130.00	3,57,21,630.00	10,50,65,003.00	
	Central Library Journals	10,37,25,022.21		-	-	10,37,25,022.21	
	Patents and Copy Rights		7,37,860.00		7,37,860.00	7,37,860.00	
	Solar System	7,80,88,343.00	-		-	7,80,88,343.00	
		-			-	-	

Sl. No	TYPE OF ASSETS	Gross Block					
		Gross Block as on 1/4/2024	Additions > 180 days	Additions < 180 days	Total Additions during the year	Gross Block as on 31/03/2025	Deletion / Transfer WIP
7	**Work in Progress**	-			-	-	
	HLL	2,63,84,841.00			-	-	2,63,84,841.00
P	CPWD	82,51,86,448.00	11,88,08,252.00	38,27,72,131.00	50,15,80,383.00	59,10,55,666.00	73,57,11,165.00
	CPWD -Yanam	3,63,74,898.00		-	-	3,63,74,898.00	
	LC-Machinery	-	590.00	7,32,49,720.00	7,32,50,310.00	7,32,50,310.00	-
	CCTV	3,14,16,198.00	-	-	-	-	3,14,16,198.00
		-			-	-	
		-				-	
	JIPMER KARAIKAL - FIXED ASSETS:	-				-	
		-				-	
8	**BLOCK -0%**	-				-	
	Land	51,00,00,000.00	-		-	51,00,00,000.00	
9	**BLOCK -10%**	-			-	-	
	Building	3,52,40,06,274.00	1,46,43,830.00	46,88,34,837.00	48,34,78,667.00	4,00,74,84,941.00	
	Furniture	67,15,798.00	7,07,400.00	-	7,07,400.00	74,23,198.00	
10	**BLOCK -15%**	-			-	-	
	Equipments	2,31,89,189.00			-	2,31,89,189.00	
	Library Books	15,34,146.00	-		-	15,34,146.00	
		-			-	-	
10	**BLOCK -40%**						
	Computer	14,61,046.00	15,97,320.00		15,97,320.00	30,58,366.00	
	JIPMER YANAM - FIXED ASSETS:						
	BLOCK -0%						
0	Land -Yanam	20,58,00,000.00			-	20,58,00,000.00	
	BLOCK -10%						
	Building	48,65,54,000.00			-	48,65,54,000.00	
	TNCMCHIS - FIXED ASSETS:	-			-	-	
		-			-	-	
11	**BLOCK -10%**	-			-	-	
	Bill Board Display	46,068.00	-	-	-	46,068.00	
	Display Media	19,800.00	-	-	-	19,800.00	
	Furniture	1,27,250.00	-	-	-	1,27,250.00	
		-			-	-	
12	**BLOCK -15%**	-			-	-	
	Digital Survey Meter	11,312.00	-	-	-	11,312.00	
	Equipments	6,35,037.00	-	-	-	6,35,037.00	
	LED Display	8,09,621.00	-	-	-	8,09,621.00	
	Scanner	49,875.00	-	-	-	49,875.00	
	Utensils	1,535.00	-	-	-	1,535.00	
	Water Purifier	3,500.00	-	-	-	3,500.00	
	Gastrin Tenstial Video Scope	7,00,000.00	-	-	-	7,00,000.00	
	Camera	17,800.00	-	-	-	17,800.00	
		-			-	-	

Sl. No	TYPE OF ASSETS	Gross Block					
		Gross Block as on 1/4/2024	Additions > 180 days	Additions < 180 days	Total Additions during the year	Gross Block as on 31/03/2025	Deletion / Transfer WIP
13	**BLOCK -40%**	-			-	-	
	Computers	4,42,118.00		-	-	4,42,118.00	
	Mobile	55,000.00	-	22,581.00	22,581.00	77,581.00	
	Printers	11,26,448.00		17,800.00	17,800.00	11,44,248.00	
	UPS	6,701.00	-	5,100.00	5,100.00	11,801.00	
		-				-	
14	**BLOCK -15%**	-				-	
	Power Sub Station	60,49,79,275.00	-		-	60,49,79,275.00	
		-				-	
	STUDENTS' CAFETERIA - FIXED ASSETS	-			-	-	
		-			-	-	
15	**BLOCK -10%**	-			-	-	
	Building	26,39,003.00		-	-	26,39,003.00	
	Electrical Fitting	17,482.00	-	-	-	17,482.00	
	Furniture & Fitting	4,45,398.00			-	4,45,398.00	
		-			-	-	
16	**BLOCK -15%**	-			-	-	
	Cash Box	4,675.00	-	-	-	4,675.00	
	Cash Counter Machine	7,225.00	-	-	-	7,225.00	
	Vaccum Cleaner	9,015.00	-	-	-	9,015.00	
	Vessels	2,369.00	-	-	-	2,369.00	
	Water Cooler	93,548.00	-	-	-	93,548.00	
	Water Purifier	23,803.00	-	-	-	23,803.00	
	Wi-Fi	9,66,333.00	-	-	-	9,66,333.00	
		-			-	-	
17	**BLOCK -40%**	-			-	-	
	CCTV Machine	24,431.00		-	-	24,431.00	
	Computer & Software	30,818.00			-	30,818.00	
	Mobile	16,099.00	-		-	16,099.00	
	Printer	6,684.00	-	-	-	6,684.00	
	UPS	7,354.00			-	7,354.00	
		-			-	-	
	Total	**24,48,06,18,879.87**	**40,39,03,227.00**	**1,50,68,49,168.00**	**1,91,07,52,395.00**	**25,59,78,59,070.87**	**79,35,12,204.00**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31-03-2025

SCHEDULE 8 - FIXED ASSETS

(Amount in Rs.)

Sl. No	TYPE OF ASSETS	DEPRECIATION							NET BLOCK	
		RATE OF DEPRECIATION	DEPRECIATION AS ON 01-04-2024	Depreciation Assets > 180 days)	Depreciation Assets < 180 days	Deletion / Transfer WIP	Arrear Deprecation	TOTAL DEPRECIATION	Net Block as on 31.03.2024	Net Block as on 31.03.2025
	JIPMER -FIXED ASSETS:		-	-	-	-		-	-	-
			-	-	-			-	-	-
1	BLOCK -0%		-	-	-			-	-	-
	Land	0.00%	-	-	-			-	1,20,000.00	1,20,000.00
	Land -Sedarapet	0.00%							4,35,348.00	4,35,348.00
2	BLOCK -5%		-	-	-			-	-	-
	Building Residential	5.00%	45,30,36,018.00	3,53,33,843.00	-			48,83,69,861.00	70,60,84,092.00	67,13,43,008.00
			-	-	-			-	-	-
3	BLOCK -10%		-	-	-			-	-	-
	Building Non- Residential	10.00%	5,91,66,54,317.63	46,46,63,078.50	52,10,934.00		11,92,36,350.00	6,50,57,64,680.13	4,38,17,96,288.63	4,26,81,19,591.13
	Office Furniture	10.00%	7,04,73,102.90	62,71,919.60	22,267.00		3,26,464.00	7,70,93,753.50	4,86,33,749.10	5,68,70,355.50
	Electrical Installation	10.00%	31,69,22,607.50	3,30,04,497.20	-		20,56,939.00	35,19,84,043.70	27,47,84,734.50	29,70,40,476.30
	External Services	10.00%	29,93,83,354.00	3,12,88,374.00	17,57,180.00		32,85,595.00	33,57,14,503.00	29,49,26,147.00	31,16,96,196.00
			-	-	-			-	-	-
4	BLOCK -15%		-	-	-			-	-	-
	General Equipments	15.00%	2,53,27,09,427.00	32,20,63,423.00	56,43,169.00		4,55,859.00	2,86,08,71,878.00	2,06,06,32,365.57	1,89,44,27,546.57
	Motor Vehicles	15.00%	1,72,73,310.16	16,14,650.00	-			1,88,87,960.16	66,74,822.84	91,49,683.84
	Central Library Books	15.00%	2,63,59,437.00	8,94,562.00	-			2,72,53,999.00	57,00,807.51	50,69,185.51
	Television	15.00%	81,921.00	4,047.00	-			85,968.00	26,979.00	22,932.00
	Water Purifier	15.00%	22,195.00	1,561.00	-			23,756.00	10,405.00	8,844.00
	Name Board	15.00%	96,03,841.00	5,29,686.00	-			1,01,33,527.00	35,31,243.00	30,01,557.00
	Wi-Fi	15.00%	2,28,54,574.00	18,36,739.00	-			2,46,91,313.00	1,22,44,927.00	1,04,08,188.00
	Office Equipmernt	15.00%	4,93,786.00	1,53,590.00	1,500.00			6,48,876.00	10,23,935.00	8,88,845.00
5	BLOCK -30%		-	-	-			-	-	-
	Battery Car	30.00%	22,00,572.00	72,927.00	-			22,73,499.00	2,43,091.00	1,70,164.00
			-	-	-			-	-	-
6	BLOCK -40%		-	-	-			-	-	-
	Life Saving Equipment	40.00%	27,44,02,654.00	1,52,77,870.00	-			28,96,80,524.00	3,81,94,676.00	2,29,16,806.00
	COMPUTER		-	-	-			-	-	-
	a) AIS Unit	40.00%	14,73,67,001.00	2,30,49,280.00	1,98,000.00			17,06,14,281.00	1,26,11,997.32	3,53,65,921.32
	b) HIS Unit	40.00%	3,42,41,646.00	1,48,78,091.00	67,25,626.00			5,58,45,363.00	3,51,01,727.00	4,92,19,640.00
	Central Library Journals	40.00%	7,67,76,834.00	1,07,79,275.00	-			8,75,56,109.00	2,69,48,188.21	1,61,68,913.21
	Patents and Copy Rights							-	-	7,37,860.00
	Solar System	40.00%	7,01,28,106.00	31,84,095.00	-			7,33,12,201.00	79,60,237.00	47,76,142.00
			-	-	-			-	-	-

Sl. No	TYPE OF ASSETS	DEPRECIATION							NET BLOCK	
		RATE OF DEPRECIATION	DEPRECIATION AS ON 01-04-2024	Depreciation Assets > 180 days)	Depreciation Assets < 180 days	Deletion / Transfer WIP	Arrear Deprecation	TOTAL DEPRECIATION	Net Block as on 31.03.2024	Net Block as on 31.03.2025
7	Work in Progress		-	-	-			-	-	-
	HLL	0.00%	-	-	-			-	2,63,84,841.00	-
	CPWD	0.00%	-	-	-			-	82,51,86,448.00	59,10,55,666.00
	CPWD -Yanam	0.00%	-	-	-			-	3,63,74,898.00	3,63,74,898.00
	LC-Machinery	0.00%	-	-	-			-	-	7,32,50,310.00
	CCTV	0.00%		-	-				3,14,16,198.00	-
		0.00%		-	-				-	-
			-	-	-			-	-	-
	JIPMER KARAIKAL - FIXED ASSETS:		-	-	-			-	-	-
			-	-	-			-	-	-
8	BLOCK -0%		-	-	-			-	-	-
	Land		-	-	-			-	51,00,00,000.00	51,00,00,000.00
9	BLOCK -10%		-	-	-			-	-	-
	Building	10.00%	25,22,15,732.00	35,42,94,853.40	94,28,648.00		2,37,47,721.00	63,96,86,954.40	3,27,17,90,542.00	3,36,77,97,986.60
	Furniture	10.00%	36,64,261.00	3,62,453.40	-		1,34,406.00	41,61,120.40	30,51,537.00	32,62,077.60
10	BLOCK -15%		-	-	-			-	-	-
	Equipments	15.00%	1,53,72,652.00	11,72,481.00	-			1,65,45,133.00	78,16,537.00	66,44,056.00
	Library Books	15.00%	10,05,562.00	79,288.00	-			10,84,850.00	5,28,584.00	4,49,296.00
			-	-	-			-	-	-
10	BLOCK -40%									
	Computer	40.00%	3,88,907.00	10,67,784.00	-			14,56,691.00	10,72,139.00	16,01,675.00
	JIPMER YANAM - FIXED ASSETS:									
	BLOCK -0%									
	Land	0.00%	-	-	-			-	20,58,00,000.00	20,58,00,000.00
	BLOCK -10%		-					-	-	-
	Building	10.00%	7,05,50,330.00	4,16,00,367.00	-			11,21,50,697.00	41,60,03,670.00	37,44,03,303.00
	TNCMCHIS - FIXED ASSETS:		-	-	-			-	-	-
			-	-	-			-	-	-
11	BLOCK -10%		-	-	-			-	-	-
	Bill Board Display	10.00%	29,112.00	1,696.00	-			30,808.00	16,956.00	15,260.00
	Display Media	10.00%	12,895.00	691.00	-			13,586.00	6,905.00	6,214.00
	Furniture	10.00%	71,573.00	5,568.00	-			77,141.00	55,677.00	50,109.00
			-	-	-			-	-	-
12	BLOCK -15%		-	-	-			-	-	-
	Digital Survey Meter	15.00%	8,888.00	364.00	-			9,252.00	2,424.00	2,060.00
	Equipments	15.00%	5,10,015.00	18,753.00	-			5,28,768.00	1,25,022.00	1,06,269.00
	LED Display	15.00%	6,45,529.00	24,614.00	-			6,70,143.00	1,64,092.00	1,39,478.00
	Scanner	15.00%	33,138.00	2,511.00	-			35,649.00	16,737.00	14,226.00
	Utensils	15.00%	1,116.00	63.00	-			1,179.00	419.00	356.00
	Water Purifier	15.00%	2,546.00	143.00	-			2,689.00	954.00	811.00
	Gastrin Tenstial Video Scope	15.00%	5,37,868.00	24,320.00	-			5,62,188.00	1,62,132.00	1,37,812.00
	Camera	15.00%	12,095.00	856.00	-			12,951.00	5,705.00	4,849.00
			-	-	-			-	-	-

Sl. No	TYPE OF ASSETS	RATE OF DEPRECIATION	DEPRECIATION						NET BLOCK	
			DEPRECIATION AS ON 01-04-2024	Depreciation Assets > 180 days)	Depreciation Assets < 180 days	Deletion / Transfer WIP	Arrear Deprecation	TOTAL DEPRECIATION	Net Block as on 31.03.2024	Net Block as on 31.03.2025
13	**BLOCK -40%**		-	-	-			-	-	-
	Computers	40.00%	4,27,377.00	5,896.00	-			4,33,273.00	14,741.00	8,845.00
	Mobile	40.00%	54,902.00	39.00	4,516.00			59,457.00	98.00	18,124.00
	Printers	40.00%	10,99,459.00	10,796.00	3,560.00			11,13,815.00	26,989.00	30,433.00
	UPS	40.00%	6,522.00	72.00	1,020.00			7,614.00	179.00	4,187.00
			-	-	-			-	-	-
14	**BLOCK -15%**		-	-	-			-	-	-
	Power Sub Station	15.00%	20,19,01,091.94	6,04,61,727.00	-			26,23,62,818.94	40,30,78,183.06	34,26,16,456.06
			-	-	-			-	-	-
	STUDENTS' CAFETERIA - FIXED ASSET		-	-	-			-	-	-
			-	-	-			-	-	-
15	**BLOCK -10%**		-	-	-			-	-	-
	Building	10.00%	11,24,763.00	1,51,424.00	-			12,76,187.00	15,14,240.00	13,62,816.00
	Electrical Fitting	10.00%	9,956.00	753.00	-			10,709.00	7,526.00	6,773.00
	Furniture & Fitting	10.00%	2,12,724.00	23,267.00	-			2,35,991.00	2,32,674.00	2,09,407.00
			-	-	-			-	-	-
16	**BLOCK -15%**		-	-	-			-	-	-
	Cash Box	15.00%	3,401.00	191.00	-			3,592.00	1,274.00	1,083.00
	Cash Counter Machine	15.00%	5,257.00	295.00	-			5,552.00	1,968.00	1,673.00
	Vaccum Cleaner	15.00%	6,559.00	368.00	-			6,927.00	2,456.00	2,088.00
	Vessels	15.00%	1,724.00	97.00	-			1,821.00	645.00	548.00
	Water Cooler	15.00%	68,057.00	3,824.00	-			71,881.00	25,491.00	21,667.00
	Water Purifier	15.00%	17,318.00	973.00	-			18,291.00	6,485.00	5,512.00
	Wi-Fi	15.00%	7,03,017.00	39,497.00	-			7,42,514.00	2,63,316.00	2,23,819.00
			-	-	-			-	-	-
17	**BLOCK -40%**		-	-	-			-	-	-
	CCTV Machine	40.00%	22,854.00	631.00	-			23,485.00	1,577.00	946.00
	Computer & Software	40.00%	25,617.00	2,080.00	-			27,697.00	5,201.00	3,121.00
	Mobile	40.00%	13,333.00	1,106.00	-			14,439.00	2,766.00	1,660.00
	Printer	40.00%	6,609.00	30.00	-			6,639.00	75.00	45.00
	UPS	40.00%	6,374.00	392.00	-			6,766.00	980.00	588.00
					-			-	-	-
	Total		**10,82,17,63,838.13**	**1,42,42,61,772.10**	**2,89,96,420.00**	-	**14,92,43,334.00**	**12,42,42,65,364.23**	**13,65,88,55,041.74**	**13,17,35,93,706.64**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2025

(Amount in Rs.)

SCHEDULE 9 - INVESTMENTS FROM EARMARKED/ENDOWMENT FIUNDS	Current Year 2024-2025		Previous Year 2023-2024	
In Government Securities	-	-	-	-
Other Approved Securities	-	-	-	-
Shares	-	-	-	-
Debentures and Bonds	-	-	-	-
Subsidiaries and Joint Ventures	-	-	-	-
Others (to be specified)	-	-	-	-
Total	-	-	-	-

(Amount in Rs.)

SCHEDULE 10- INVESTMENTS - OTHERS	Current Year 2024-2025		Previous Year 2023-2024	
In Government Securities	-	-	-	-
Other Approved Securities	-	-	-	-
Shares	-	-	-	-
Debentures and Bonds	-	-	-	-
Subsidiaries and Joint Ventures	-	-	-	-
Others (to be specified)	-	-	-	-
Total	-	-	-	-

FORM OF FINANCIAL STATEMENTS (NON- PROFIT ORGANISATION)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2025

SCHEDULE 11- CURRENT ASSETS, LOANS AND ADVANCES ETC.

(Amount in Rs.)

	Current Year 2024-2025		Previous Year 2023-2024	
A. CURRENT ASSETS:				
1. Inventories:				
a) Stores and Spares		30,97,38,211.00		26,51,56,637.43
b) Loose Tools	-	-	-	-
c) Stock–in-trade	-	-	-	-
Finished Goods	-	-	-	-
2. Sundry Debtors:				-
a)Debts Outstanding for a period exceeding six months	-	-	-	-
b)Others	-	-	-	-
3. Cash balances in hand				
Cash in hand with cashier	3,28,832.00		2,29,863.00	
Cash in hand -Students Cafetreia	7,551.00	3,36,383.00	7,551.00	2,37,414.00
	-		-	
4. Bank Balances				
a) With Scheduled Banks:				
-On Current Accounts	5,91,10,46,643.33		5,88,33,47,440.41	
-On Deposit Accounts (including margin money)	2,64,40,48,161.61		3,30,37,51,690.52	
-On Savings Accounts	2,88,90,851.98	8,58,39,85,656.92	2,58,82,615.58	9,21,29,81,746.51
b) With Non-Scheduled Banks:				
-On Current Accounts				
-On Deposit Accounts				
-On Savings Accounts				
Total (A)	-	**8,89,40,60,250.92**	-	**9,47,83,75,797.94**

	Current Year 2024-2025		Previous Year 2023-2024	
B. LOANS, ADVANCES AND OTHER ASSETS				
1. Loans:				
a) Staff Advance				
b) Other entities engaged in activities similar to that of the Entity	-	-	-	-
c) Other (specify)				-
1. Advance (Other Project -HLL , CPWD,GEM & Power grid Coporation)	3,66,80,34,718.94		2,62,53,60,973.94	
2. Deposits	1,08,50,550.47	3,67,88,85,269.41	1,08,50,550.47	2,63,62,11,524.41
2.Advances and other amounts recoverable in cash or in kind or for value to be received:				
a) On Capital Account	-		-	
b) Prepayments (Advance for Dept.) -GIA	50,52,044.00		1,25,52,199.00	
-Revenue	47,28,150.00		47,28,150.00	
-Insurance	28,600.00	98,08,794.00	28,600.00	1,73,08,949.00
	-			
3. A) Endowment Fund	39,706.00		47,365.00	
B) On Investments – Others				
Bank Guarantee	7,98,039.00		2,80,924.00	
Donation	2,23,873.00		2,10,297.00	
GIA	1,25,10,716.00		4,72,91,987.00	
Insurance	2,99,72,743.00		2,48,94,643.00	
BOB	3,43,63,400.00			
MBBS	1,77,111.00		1,60,833.00	
Others	39,545.00		8,577.00	
Revenue	5,04,52,677.00		7,03,00,114.00	
EPF	1,07,166.00		1,99,347.00	
NPS	22,768.00		5,71,108.00	
Poor Patient Fund	82,379.00		92,712.00	
Fixed Deposits -Revenue	7,86,41,360.00	20,74,31,483.00	8,88,23,506.00	23,28,81,413.00

	Current Year 2024-2025		Previous Year 2023-2024	
d) On Loans and Advances	-		-	
e) Others (includes income due unrealized- Rs...)	-			
4. Claim Receivable:			-	
a) Prepaid Expenses	4,55,63,203.50		8,05,10,860.41	
b) TDS - Insurance	1,77,50,055.00		1,97,47,943.00	
c) GST Cash Ledger	15,31,729.00			
d) Pre Deposit-ESI (Appeal)	11,95,786.00		-	
e) Pre Deposit-GST(Appeal)	-		9,02,690.00	
f) License Fees Receivable	5,33,240.00		5,33,240.00	10,16,94,733.41
g) Interest Receivables- Electricity Department	4,61,216.00	6,70,35,229.50		
Total (B)		**3,96,31,60,775.91**		**2,98,80,96,619.82**
Total (A+B)		**12,85,72,21,026.83**		**12,46,64,72,417.76**

FORM OF FINANCIAL STATEMENTS (NON- PROFIT ORGANISATION)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD 01.04.2024 TO 31.03.2025

(Amount in Rs.)

	Current Year 2024-2025		*Previous Year 2023-2024*	
SCHEDULE 12- INCOME FROM SALES/SERVICES				
Sale of Application & Exam Fees (Academic Section)				
Cash Section	2,88,56,719.53		2,72,74,737.00	
SBI Collect	7,44,76,387.28	10,33,33,106.81	9,22,62,997.27	11,95,37,734.27
Income From Sales and Services:				
Donation Income				
Application Income (Admin)	6,19,244.00		26,62,145.40	
Hospital Income	47,25,92,493.00		25,34,62,546.00	
Rental Income	1,16,40,078.70		77,72,907.00	
Scrap Income	21,75,301.00		66,52,714.00	
Students' Cafeteria- Income	-	48,70,27,116.70	2,82,93,637.00	29,88,43,949.40
Other Income	1,58,80,757.19	1,58,80,757.19	27,15,855.02	27,15,855.02
Total	-	**60,62,40,980.70**	-	**42,10,97,538.69**
SCHEDULE 13- GRANTS/SUBSIDIES	*Current Year 2024-2025*		*Previous Year 2023-2024*	
(Irrevocable Grants & Subsidies Received)				
1) Central Government		12,18,08,01,272.04		10,85,91,66,335.34
2) State Government(s)		-	-	-
3) Government Agencies - (Drug De Addiction)		-	-	-
(Central Board of Health Intelligence)		-		-
4) Institutions/ Welfare Bodies		-	-	-
5) International Organizations		-	-	-
6) Others (Specify)		-	-	-
Total	-	**12,18,08,01,272.04**	-	**10,85,91,66,335.34**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD 01.04.2024 TO 31.03.2025

(Amount in Rs.)

SCHEDULE 14- FEES/SUBCRIPTIONS:	*Current Year 2024-2025*		*Previous Year 2023-2024*	
1) Entrance Fees	-	-	37,28,015.00	37,28,015.00
2) Semester Examination Fees	1,30,52,601.00	1,30,52,601.00	1,25,65,200.00	1,25,65,200.00
3) Seminar/Program Fees	1,26,42,959.00	1,26,42,959.00	98,34,813.53	98,34,813.53
4) Consultancy Fees	-	-	-	-
5) Others (Specify)	-	-	-	-
Total	2,56,95,560.00	2,56,95,560.00	2,61,28,028.53	2,61,28,028.53

NOTE – Accounting Policies towards each item are to be disclosed

(Amount in Rs.)

SCHEDULE 15- INCOME FROM INVESTMENTS	*Current Year 2024-2025*		*Previous Year 2023-2024*	
(Income on Invest. from Earmarked/Endowment Funds transferred to Funds)				
1) Interest				
a) On Govt. Securities	-	-	-	-
b) Other Bonds/Debentures	-	-	-	-
b) Other				
Endowment fund				
Specfic Research fund				
2)Dividends:				
a) On Shares	-	-	-	-
b) On Mutual Fund Securities	-	-	-	-
3) Rents	-	-	-	-
4) Others (Specify)	-	-	-	-
Total	-	-	-	-
TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS	-	-	-	-

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD 01.04.2024 TO 31.03.2025

(Amount in Rs.)

SCHEDULE 16- INCOME FROM ROYALTY, PUBLICATION ETC.	*Current Year 2024-2025*		*Previous Year 2023-2024*	
1) Income from Royalty	-	-	-	-
2) Income from Publications	-	-	-	-
3) Others (specify)	-	-	-	-
Total	-	-	-	-

SCHEDULE 17- INTEREST EARNED	*Current Year 2024-2025*		*Previous Year 2023-2024*	
1) On Term Deposits:				
a) With Schedule Banks		-	-	
I)On Bank deposits				
- Revenue - Sweep Account	13,94,87,885.26		13,29,47,078.00	
- Donation Campaign - Sweep Account	6,32,648.00		5,56,713.00	
- Donation - Sweep Account				
- TNCMCHIS - Sweep Account	6,71,62,291.50		5,12,37,993.50	
- Students'Cafeteria - Sweep Account	-		2,94,495.00	
- Bank Interest - Bank Guarantee	5,17,115.00		4,28,718.00	
- Bank Interest - MBBS	35,87,608.00		33,26,442.00	
- Bank Interest-Others	2,79,267.09	21,16,66,814.85	16,560.00	18,88,07,999.50
II)On Fixed Deposits	-		-	
- Revenue Account - Fixed Deposits	17,90,44,411.00	17,90,44,411.00	15,57,06,768.00	15,57,06,768.00
b) With Schedule Banks	-		-	
b) With Non-Scheduled Banks	-		-	
c) With Institutions	-		-	
d) Others	-		-	
2)On Savings Accounts:				
a) With Scheduled Banks				
- Bank Interest - Students' Cafetreia	1,97,495.00		1,89,886.00	
- Bank Interest - Imprest	91,580.29		51,789.20	
- Bank Interest - PNB	300.00	2,89,375.29	-	2,41,675.20
b) With Non-Scheduled Banks	-		-	
c) Post Office Savings Accounts	-		-	
d) Others	-	-	-	-
3) On Loans:				
a) Employees/ Staff	-		-	
b) Others	-	-	-	-
4) Advance	-	-	-	-
5) Interest on Debtors and Other Receivables	-	-	-	-
	-	-	-	-
Total	**39,10,00,601.14**	**39,10,00,601.14**	**34,47,56,442.70**	**34,47,56,442.70**
NOTE - Tax deducted at source to be indicated	Nil	Nil	Nil	Nil

FORM OF FINANCIAL STATEMENTS (Non – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD 01.04.2024 to 31.03.2025

(Amount in Rs.)

SCHEDULE 18- OTHER INCOME	*Current Year 2024-2025*		*Previous Year 2023-2024*	
1)Profit on Sale/Disposal of Assets:				
a) Owned assets	-			-
b) Assets acquired out of grants, or received free of cost	-	-	-	-
2) Export Incentives realized	-	-	-	-
3) Fees for Miscellaneous Service Income	-	-	-	-
4) Miscellaneous	-	-	-	-
Total	-	-	-	-

SCHEDULE 19- INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS	*Current Year 2024-2025*		*Previous Year 2023-2024*	
a) Closing stock				
Disinfectant Store	39,98,324.38		73,54,098.21	-
Surgical Dressing Store	56,38,121.70		1,00,40,749.12	-
Chemical Store	12,21,933.87		15,65,609.31	-
Tablet Store	2,85,75,701.06		3,68,54,346.51	-
Injection Store	6,92,78,308.54		6,93,98,014.00	-
IV Fluid Stores	69,66,246.89		87,66,336.75	
Sterilize	5,02,32,165.00		2,68,31,792.00	-
Linen	1,83,67,868.00		2,67,43,413.00	-
Diesel	3,01,595.00		3,35,240.00	-
Dietetics	15,72,236.00		20,37,861.00	-
Laundry	27,73,589.31		17,08,568.84	-
LPG Cylinder	5,959.50		33,694.00	-
Radio Diagnosis	51,93,808.00		1,07,39,569.00	-
Medical Gastroenterology	99,66,896.00		38,10,439.00	-
Central Stores- Instrumental	1,65,88,248.53		50,25,615.13	-
Central Stores -Sanitary Items	60,55,702.70		69,17,193.00	-
Central Stores- Sutures	6,18,30,005.53		2,25,96,607.39	-
Central Stores- Workshop	41,60,942.00		17,49,537.00	
Central Stores- Instrumental -Surgical	1,53,21,856.41		2,11,96,954.73	
Analytical Lab	16,88,702.58		14,50,999.44	
Total	**30,97,38,211.00**	-	**26,51,56,637.43**	-

	Current Year 2024-2025		Previous Year 2023-2024	
b) Opening Stock				
Disinfectant Store	73,54,098.21		89,68,645.46	-
Surgical Dressing Store	1,00,40,749.12		98,12,259.41	-
Chemical Store	15,65,609.31		11,56,685.53	-
Tablet Store	3,68,54,346.51		3,37,18,949.31	-
Injection Store	6,93,98,014.00		6,16,40,825.17	-
IV Fluid Stores	87,66,336.75		71,58,917.81	
Sterilize	2,68,31,792.00		4,55,55,852.00	-
Linen	2,67,43,413.00		3,70,42,377.79	
Diesel	3,35,240.00		2,32,227.00	
Dietetics	20,37,861.00		13,30,080.25	
Laundry	17,08,568.84		23,42,220.89	
LPG Cylinder	33,694.00		11,445.00	
Radio Diagnosis	1,07,39,569.00		80,95,792.00	
Medical Gastroenterology	38,10,439.00		29,46,223.00	
Central Stores- Instrumental	50,25,615.13		1,01,25,874.29	
Central Stores -Sanitary Items	69,17,193.00		80,88,847.00	
Central Stores- Sutures	2,25,96,607.39		2,98,49,319.26	
Central Stores- Workshop	17,49,537.00		5,14,605.00	
Central Stores- Instrumental -Surgical	2,11,96,954.73		2,03,63,690.30	
Analytical Lab	14,50,999.44		91,747.68	
Total	**26,51,56,637.43**		**28,90,46,584.15**	-
NET INCREASE /(DECREASE) [a-b]	**4,45,81,573.57**	-	**(2,38,89,946.72)**	-

(Amount in Rs.)

SCHEDULE 20- ESTABLISHMENT EXPENSES	Current Year 2024-2025		Previous Year 2023-2024	
a) Salaries	5,03,23,59,855.00		3,95,84,26,971.00	
b) Allowances	2,60,55,04,218.00		2,80,17,23,854.00	
c) Contribution to Other Fund (NPS)	45,87,78,817.00		43,50,77,601.00	
d) Expenses on 'Employees' retirement & Terminal Benefits	14,78,67,26,537.00		42,75,08,309.00	
e) Others (specify) Salary for Contract Staff	6,68,23,575.00	22,95,01,93,002.00	7,90,64,116.00	7,70,18,00,851.00
Less : Recovery From Establishment		1,47,10,617.00		3,70,94,511.00
Total		**22,93,54,82,385.00**		**7,66,47,06,340.00**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD 01.04.2024 TO 31.03.2025

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.	*Current Year 2024-2025*		*Previous Year 2023-2024*	
Grant-in-Aid Expenses	3,04,87,58,596.94		2,86,97,15,497.98	
Hostel Expenses	42,03,757.00		1,06,65,688.00	
Revenue Expenses	57,64,533.88		41,96,440.34	
TNCMCHIS- Insurance Expenses	6,55,80,420.00		7,67,50,076.61	
Students Cafeteria	18,000.00		2,56,48,012.00	
PMJAY Schemes	2,94,88,075.95		34,32,157.82	
CGHS Schemes	4,65,063.00		-	
Other Expenses	44,14,527.99	3,15,86,92,974.76	89,11,813.17	2,99,93,19,685.92
Total		**3,15,86,92,974.76**		**2,99,93,19,685.92**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

BALANCE SHEET AS AT 31.03.2025

SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD 01.04.2024 to 31.03.2025

(Amount in Rs.)

SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.	Current Year 2024-2025			Previous Year 2023-2024		
a) Grants given to Institutions/ Organizations	-	-	-	-	-	-
b) Subsidies given to Institutions/Organizations	-	-	-	-	-	-
Total	-	-	-	-	-	-
NOTE- Name of the Entities, their Activities along with the amount of Grants/Subsides are to be disclosed						

(Amount in Rs.)

SCHEDULE 23- INTEREST	Current Year 2024-2025			Previous Year 2023-2024		
a) On Fixed Loans	-	-	-	-	-	-
b) On Other Loans (including Bank Charges)	-	-	-	-	-	-
c) Others (specify)	-	-	-	-	-	-
Total	-	-	-	-	-	-

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity JIPMER, PUDUCHERRY

RECEIPTS AND PAYMENTS FOR THE PERIOD 01.04.2024 TO 31.03.2025

(Amount in Rs.)

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
I. Opening Balances		
a) Cash Balances.		
Cash in hand with cashier	2,29,863.00	2,30,804.00
Cash in hand - StudentS' Cafeteria	7,551.00	19,803.00
Cash in hand - Insurance		88,651.14
b)Bank Balances.		
-On Current Accounts	5,88,33,47,440.41	4,57,15,03,794.52
-On Deposit Accounts (including margin money)	3,30,37,51,690.52	3,13,12,52,787.52
-On Savings Accounts	2,58,82,615.58	2,16,69,561.09
II. Grants Received		
a)From Government of India		
Grant-in-Aid		
-Salary	8,90,00,00,000.00	7,70,00,00,000.00
-General Expenses	3,45,00,00,000.00	3,05,00,00,000.00
-Capital Assets	1,25,00,00,000.00	2,25,00,00,000.00
-Kayakalp		-
-Swachh Bharat	10,00,00,000.00	7,00,00,000.00
Central Bureau of Health Intelligence - CBHI	67,50,000.00	88,00,000.00
Crititcal Care Fund	40,00,00,000.00	-
Other Fund	18,41,991.00	-
Corpus Fund -Tuition Fees	2,47,225.00	2,04,850.00
	-	
b)Other Fund		
-Specific & Research Fund	36,64,91,155.78	30,38,81,092.61
-Rashtriya Arokia Nidhi	12,88,63,500.00	8,58,01,000.00
-Poor Patient Fund Account	3,27,312.00	1,53,493.00
-Jiva Daya Foundation	13,719.00	13,343.00
-Endowment Fund	-	
-Interest Refund to Ministry-HLL	99,05,450.00	
III. Income on Investments from		
a)Earmarked/Endow. Funds		

(Amount in Rs.)

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
I. Expenses		
a) Establishment Expenses		
- Salaries	4,38,95,66,944.00	3,63,91,83,383.00
- Allowances	2,60,55,04,218.00	2,56,87,78,002.00
- Contribution to Other Fund (NPS)	45,87,78,817.00	43,50,77,601.00
- Expenses on 'Employees' retirement Benefits	57,08,72,789.00	40,63,51,153.00
- Others salary for Contract Staff	6,68,23,575.00	7,90,64,116.00
b) Administrative Expenses		
Personnel Service and Benefits:		
- Wages	8,44,45,770.00	8,94,97,884.00
- Contribution to Provident Fund	1,10,63,177.00	1,21,66,827.00
- Contribution to State Insurance	15,78,500.00	
Linen for patients	2,54,75,220.00	51,60,718.00
Research activities		
-Intramural Research	1,55,38,505.00	96,15,236.00
- Scholarship and stipend	7,16,301.00	40,47,234.00
-Learning Resource Allowance		5,04,64,932.00
Journals & Annual Journal-Annual Subscription	1,09,46,052.00	2,34,39,439.59
Domestic Travel Expenses	4,74,53,624.00	6,07,33,491.00
Foreign Travel Expenses	1,06,70,600.00	
Office Expenses:		
- Electricity Charges	25,21,03,560.00	22,47,29,168.00
- Water Charges	6,000.00	
- Telephone / Internet Charges	71,97,974.00	58,66,023.56
- Postal Charges	60,163.00	
- Imprest account	2,35,65,435.44	2,00,72,521.10
- Other charges	1,25,79,749.00	3,06,87,492.00
-Security Service Charges	16,13,77,167.00	14,50,24,631.00
-House Keeping Charges	4,08,68,028.57	22,43,36,189.00
-Facility & Management	22,20,67,650.00	18,06,59,632.00
-Entrance Examination (Academic/Admin)	1,24,91,593.00	99,93,735.00

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
b)Own Funds (Oth. Investments)		
IV. Interest Received		
a)On Bank deposits		
1) Sweep Accounts		
-Grant-in-Aid -Sweep Account	6,57,51,908.82	75,08,245.00
-Grant-in-Aid -KKL-Sweep Account	7,61,100.00	-
-Revenue A/c -Sweep Account	9,17,86,216.26	6,27,29,702.00
-Donation Campaign -Sweep Account	4,08,775.00	3,46,416.00
-EPF-Sweep Account	2,32,434.00	6,87,440.00
-TNCMCHIS -Sweep Account	3,42,70,356.50	2,62,39,227.50
-Students' Cafeteria-Sweep Account		2,94,495.00
-Bank interest - Bank Guarantee		1,47,794.00
-Bank interest - Other banks	2,37,206.09	16,529.00
-Bank interest - Endowment	2,05,239.00	1,95,646.00
-Bank interest - MBBS	34,10,497.00	31,65,609.00
-Bank interest - NPS Sweep	2,25,374.00	13,94,220.00
-Bank interest - CBHI	55,050.00	37,030.00
2) On Fixed Deposits		
- Grant-in-Aid - Fixed Deposits		1,37,54,419.00
- Revenue Account - Fixed Deposits	7,45,86,026.00	7,02,68,008.00
3)On Saving Account		
- Bank interest-Students' Cafeteria	1,97,495.00	1,89,886.00
- Bank interest-Imprest A/c	91,580.29	51,789.20
- Bank interest-PNB Bank	300.00	-
V.INCOME (SPECIFY)		
Sale of Application & Exam Fees (Academic Section)		
Through Cash Collection:		
- Academic Fees	61,38,771.53	16,39,146.00
- Admission Fees		7,680.00
- Application Fees	15,161.00	-
- Penalty Fees	2,25,89,200.00	2,51,68,591.00
- Library Fees -FINE	24,825.00	26,930.00
- TLD Badge Fee	1,480.00	790.00
- ID Cards	55,282.00	86,550.00
- Observership fee	32,000.00	3,45,050.00

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
- Other Outsourcing Charges	47,18,54,078.50	3,25,70,206.00
Rent,Rates and Taxes for Land and Buliding:	21,28,746.00	12,93,573.00
Royalty	-	
Printing and Publication	1,87,80,904.00	1,20,86,340.00
Digital equipment	5,61,309.00	
Supplies and Materials:		
- Drugs	34,28,82,162.00	28,50,81,931.00
- Surgical Items	28,23,94,677.00	35,32,81,299.00
- Catguts/Suture Material	14,26,02,235.00	5,84,19,197.00
- Medical Oxygen & other gas	1,16,11,288.00	1,69,13,975.00
- Reagent Kits,Chemical,Glasswares	18,74,85,200.00	19,71,51,915.00
- Contrast	1,46,06,921.00	43,68,254.00
- MRAMAS(Robotic Surgery)	8,26,95,104.00	3,50,71,384.00
- Contingent Stores	5,10,40,870.00	2,19,72,302.00
- Other Expenses	4,66,01,025.67	4,12,07,855.00
- Covid 19		20,04,794.00
Cost of Ration	3,92,41,380.00	4,02,39,740.00
Petrol, Oil & Lubricants		
-Motor Vehicle	16,48,457.00	42,35,069.00
-Generator	12,61,850.00	14,62,170.00
-Boiler	43,10,167.64	58,73,680.00
Advertisement charges	51,60,610.00	50,94,197.00
Minor work and maintenance	49,27,396.00	1,27,01,232.00
Professional services		
-Legal Fee	55,00,510.00	38,74,380.00
-Annual & Supplementary Exams	34,50,487.00	32,85,896.00
-Medical Education	3,22,282.00	8,63,308.00
-External Experts-Guest Lectuer/vetting of OT	12,12,171.00	
-Audit Fee	5,78,730.00	
-Others	5,66,869.00	

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
SBI Collect:		
- Academic Fees	3,60,65,422.16	3,33,44,016.00
- Medical Education Fees	24,60,530.00	22,34,210.00
- Division of Research Fees	12,88,100.00	12,84,850.00
- Mess Fees		53,47,469.00
- POS Collection	1,30,27,525.11	1,77,49,941.27
- Resident Recruitment Fees	1,58,750.00	2,41,950.00
- Hostel Fees	2,14,76,060.01	3,20,60,561.00
Income From Sales and Services:		
Donation Income		
- Donation Received		-
Application Income (Admin)		
- RTI Fees	996.00	2,325.00
- Tender Application fees	5,72,238.00	3,85,997.40
- Recruitment Fees	44,750.00	23,30,283.00
-Re Registration Fees	1,260.00	420.00
Hospital Income		
- Hospital Collection	2,51,24,508.00	1,69,80,943.00
- ANISHI Income		10,941.00
- PMJAY Income	29,05,61,810.00	5,05,65,635.00
- TNCMCHIS Income	15,52,85,905.00	17,76,07,185.00
- CGHIS Income	16,20,270.00	
- Cochlear implant TNCMCHIS Income		82,97,842.00
Rental Income		
- License Fee From Quarters and Shop	21,58,338.00	11,76,817.00
- License Fee from salary	42,83,119.00	29,92,427.00
- Water Charges from salary	50,855.00	41,482.00
- Electricity Charges	6,28,165.00	-
- Bus Rental Charges	82,800.00	2,32,900.00
- Auditorium Rent	27,21,000.00	16,45,000.00
- Food court	60,000.00	1,35,000.00
- Ground usage	35,000.00	86,500.00
- Community Hall Rent	10,28,595.70	4,38,712.00
- Guest House Rent	1,92,500.00	1,91,950.00
- Staff Car Usage	24,000.00	36,400.00

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
Repairs and maintenance		
-AMC & CAMC for Machinery	10,20,68,160.71	9,61,09,242.73
-Repair and Machinery & Equipment	1,17,25,834.00	61,84,947.00
Information Technology Expenses	43,93,042.00	23,08,552.00
Hostel Expenses:	42,03,757.00	1,06,65,688.00
Revenue Expenses:		
- Honorarium	6,49,531.00	1,93,376.00
- Programme Expenses	34,40,120.16	34,97,966.34
- Refund	47,783.00	97,712.00
- Sundry Expenses	1,08,045.00	1,32,964.00
- Other Expenses	15,19,054.72	2,74,422.00
TNCMCHIS- Insurance Expenses		
-Consumable	4,54,12,870.00	3,84,37,531.47
-Salary	2,74,994.00	39,98,556.00
-Telephone Expenses	1,53,189.00	2,31,238.00
-Printing & Stationery	49,099.00	2,95,877.66
-Camp Expenses	60,928.00	1,59,743.48
-Repairs & Maintenance Charges	15,898.00	
-Other expenses		30,393.00
-Implant	51,520.00	2,82,849.00
-Investigation Charges		26,020.00
-Incentives	1,95,61,922.00	1,72,64,047.00
Students' Cafeteria:		
-Salary	18,000.00	-
-Petty Expenses		12,626.00
-Vendor Payment		2,56,35,386.00
PMJAY Schemes:		
- Consumable	2,94,88,075.95	33,22,116.82
CGHS Schemes:		
- Consumable	4,65,063.00	

	CURRENT YEAR 2024-2025	PREVIOUS YEAR 2023-2024
Scrap Income		
- Sale of Scarp	21,75,301.00	66,52,714.00
Other Income		-
- Post Function Washing Charges	87,022.00	1,57,974.00
- Other Income	62,22,203.19	16,99,981.02
- Swimming Pool Fees	15,80,451.00	8,57,900.00
- Notice period	75,29,865.00	
- Students' Cafeteria - Income		2,82,93,637.00
Fee/Subcriptions		
- Entrance Examination Fees		37,28,015.00
- Semester Examination Fees	1,30,52,601.00	1,25,65,200.00
- Seminar fee		4,772.00
- Sponsorship Income (Conference)	1,26,42,959.00	98,30,041.53
- Interest on TDS		34,36,359.00
Prior Period Income:		-
-Gia Income		
-Other Income	10,22,177.00	
- Recovery from Establishment	1,37,97,602.00	3,61,93,837.00
VI. Amount Borrowed		
VII. Any other receipts (give details)		
- EMD / SD Collection	5,91,92,558.00	5,39,84,557.30
- Caution Deposit-Collection	54,72,750.00	14,68,700.00
- GPF Advance	6,99,19,314.00	7,18,11,664.00
- GPF Subscription	14,86,93,772.00	14,10,71,126.00
- PAO Recovery	12,29,580.00	14,33,079.00
- NPS Employee Contribution Payable	33,43,45,090.00	37,15,59,266.19
- NPS Employeer Contribution Payable	45,94,09,363.00	
- CGEGIS	18,119.00	19,462.00
- Employees Provident Fund	2,30,91,703.00	2,35,73,347.00
- Employees State Insurance	19,41,550.00	
- Employees Retirement Benefits		
- TDS Collection	82,21,50,267.00	69,02,10,399.00
- TCS Collection	22,610.00	20,550.00
- GST Tax Liability	16,50,539.00	13,07,746.00
- TDS(GST)	4,98,31,535.00	3,91,59,901.66
- Cheque Return	1,81,69,48,289.00	13,59,14,881.00
- LIC	14,23,241.00	1,01,105.00
- Scholarship	9,65,010.00	7,01,891.00
- HLLLife Interst		1,37,00,000.00

	CURRENT YEAR 2024-2025	PREVIOUS YEAR 2023-2024
Other Expenses:		
-Conference Expenses	43,13,381.00	58,12,082.00
-Bank Charges	78,144.99	65,565.17
-Bank Charges - LC Charges		13,500.00
-ESI admin charges	23,002.00	-
-GST Interest	-	1222521
-GST Tax		1798145
Prior Period Expenses:		19,50,95,809.42
-Gia Expenses	18,45,58,496.05	
-Other Expenses	14,38,66,382.05	
II. Payments made against funds for various projects		
Central Bureau of Health Intelligence	63,27,514.00	65,27,394.00
Swachtha Action Plan	3,08,09,127.00	6,98,02,545.00
Other Fund	18,41,991.00	7,46,390.00
Critical Care Fund		
Capital Fund		
Other Funds:		
-Specific & Research Fund	27,17,54,811.26	21,49,42,084.66
-Rashtray Arokia Nidhi	7,84,43,666.00	1,18,70,270.40
-Poor Patient Fund Account	1,18,248.00	45,028.00
-Endowment Fund	-	12,150.00
-Grant Refund to Ministry -salary	18,03,00,000.00	
-Interest Refund to Ministry	88,19,43,481.00	
-Interest Refund to Ministry-HLL	99,05,450.00	
-unversity Development Fee		
III. Investments and deposits made		
a) Out of Earmarked/Endowment funds		
b) Out of Own Funds (Investments-Others)		
IV. Expenditure on Fixed Assets & Capital Work-in- Progress		
a) Purchase of Fixed Assets		
-Building -Non residential	7,28,37,708.00	3,93,94,026.00
-Furniture	1,48,57,257.00	1,07,78,042.00
-Electrical Instalation		-
-Electrical Service		
-General Equipment	15,49,48,007.00	34,04,97,093.00
-Central Library Books	2,62,940.00	

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
- Asset Payable		82,05,540.00
- Expenses Payable	36,58,392.00	27,18,447.00
- Salary Payable		-
- Aims Madaurai	6,32,61,070.00	4,53,37,722.01
- Advances for Department	86,000.00	1,37,000.00
- Project Advances		-
-Electrical Advances	8,54,99,214.00	-
-Civil Advances	32,02,69,400.00	-
-Karaikal		-
-Yanam		-
- Staff Advances		-
-Festival Advance	25,90,000.00	-
- Accrued Interest	20,62,16,171.18	15,92,45,685.00
- TDS Insurance Receivable	1,97,47,943.00	3,62,22,621.00
- Prepaid Expenses	-	-
- Pre-deposit Apeal		
Transferred To Fixed Assets/ Expenditure		
Work in Progress - CPWD		-
Work in Progress - CCTV		
Reveserd to Fixed asset		
		-

	CURRENT YEAR	PREVIOUS YEAR
	2024-2025	2023-2024
-Central Library journals		2,57,91,199.00
-Patents/ Copy Rights	1,75,560.00	
-Office Equipment	20,000.00	
-Building -residential	5,92,759.00	
-Motor Vechicle	40,89,511.00	
-Information Technology	3,53,57,063.00	4,73,67,223.00
-CCTV		
a) Purchase of Fixed Assets-Karaikal		
-Information Technology	15,97,320.00	1461046
-Buliding		
-Furniture		
b) Purchase of Fixed Assets-TNCHMIS		
-Mobile	22,581.00	
-Printer	17,800.00	
-UPS	5,100.00	
b)Expenditure on Capital Work-in-Progress		
- Expenditure on Capital Work-in-progress	7,32,50,310.00	3,79,35,902.00
-HLL Interst		1,37,00,000.00
-HLL Advances (Jipmer)	75,86,652.00	1,84,51,426.00
-Security Deposit from Vendors-SC	68,281.00	
-Refund of EMD / SD	4,70,27,588.00	4,76,66,202.00
-GPF Advance	7,13,47,558.00	7,85,18,633.00
-GPF Subscription	15,09,28,496.00	15,39,54,192.00
-PAO Recovery	13,30,731.00	15,24,623.00
-Letter of Credit Payment for Machinery		
-NPS Employees Contribution Payable	39,18,46,924.47	39,59,60,571.00
-NPS Employeer Contribution Payable	46,62,62,782.53	
- Employees Provident Fund	3,02,96,230.00	2,89,30,155.00
- Employees State Insrance	19,41,550.00	
-CGEGIS Settlement	18,419.00	19,762.00
-TDS Settlement	84,87,11,394.34	73,88,38,445.79
-Refund of Caution Deposit	47,59,659.00	48,93,179.00
-TCS Settlement		
-Cheque Return	1,95,54,86,459.99	15,19,02,711.85

	CURRENT YEAR 2024-2025	PREVIOUS YEAR 2023-2024
-GST Tax liability	28,75,644.00	19,65,996.00
-TDS(GST)	4,66,20,179.66	4,04,33,787.00
-LIC	10,85,363.00	1,06,959.00
-PM Cares Fund		
-Scholarship	12,28,615.00	10,38,976.00
-Expenses	33,80,54,103.00	33,76,04,536.00
-Asset		1,85,60,151.00
-Salary	44,89,59,792.00	40,71,53,835.00
-Aims Madaurai	7,68,90,250.01	3,17,81,302.00
V. Refund of Surplus Money/Loans		
a) To the Government of India		
b) To the State Government		
c) To other providers of Funds		
- Advances for department	86,000.00	1,37,000.00
- Project Advances		
-Electrical Advances	37,71,97,488.00	20,98,28,762.00
-Civil Advances	1,12,92,33,817.00	37,72,44,062.00
-Karaikal	94,13,58,305.00	72,11,12,530.00
-Yanam		-
-Advance for Machinery Equipment	11,81,92,773.00	
- Accrued Interest		-
- TDS & TCS Receivables	1,77,50,055.00	1,97,47,943.00
- Interest Receivable from Electricity Department		
- GST Cash Ledger	14,14,471.00	
- Festival Advance	25,90,000.00	
- Pre-Paid Expenses	4,55,63,203.50	6,20,67,684.41
- Pre Deposit -ESI (Appeal)	11,95,786.00	
- Pre Deposit -GST (Appeal)		9,02,690.00
IX.: DEPOSITS		
- Electricity Deposit -Yanam		30,60,600.00
VI. Finance Charges (Interest)		
VII. Other Payments (Specify)		
VIII. Closing Balances		
a)Cash Balances.		
Cash in hand with cashier	3,28,832.00	2,29,863.00
Cash in hand - Students' Cafeteria	7,551.00	7,551.00
b)Bank Balances.		
-On Current Accounts	5,91,10,46,643.33	5,88,33,47,440.41
-On Deposit Accounts (including margin money)	2,64,40,48,161.61	3,30,37,51,690.52
-On Savings Accounts	2,88,90,851.98	2,58,82,615.58
Total	29,24,34,31,949.13	23,66,46,67,249.96

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025

ANNEXURE - 1

(Amount in Rs.)

S.NO	SCHEDULE 3 - EARMARKED/ENDOWMENT FUNDS	FUND –WISE BREAK UP					
		Opening Balance as on 01.04.2024	Additions	Utilization	Closing Balance as on 31.3.2025	Bank Account Number	bank balance as 31.3.2025
	Domestic Projects	(A)	(B)	(c)	(A + B - C)		
1	AVAIN INFLUENZA LAB	2,40,316.00		2,37,742.00	2,574.00	SBI - 30875431096 - Avian Infleza	2,574.00
2	Domestic Project -209	8,82,71,503.25	7,40,61,179.00	4,86,54,207.00	11,36,78,475.25	SBI - 1010030209 - Specific Research Fund	11,36,78,475.35
3	Domestic Project-3263	8,35,03,113.45	22,88,91,825.00	12,08,69,944.50	19,15,24,993.95	SBI-39360713263 ICMR	19,15,24,993.95
4	Domestic Project-3839	1,56,112.45	15,36,192.00	16,84,428.00	7,876.45	SBI - 37727563839 - CA	7,876.45
5	Domestic Project-61043	2,32,76,756.50	43,52,600.00	2,44,12,584.00	32,16,772.50	SBI-40209361043	32,16,772.50
6	Domestic Project-63078	46,41,768.00	41,25,192.00	53,27,372.00	34,39,588.00	SBI - 39164063078 -SB	34,39,588.00
7	Domestic Project-6372	33,37,274.93	1,53,36,965.68	1,50,18,449.00	36,55,791.61	SBI-00000040191576372	36,55,791.61
8	Domestic Project-7729	18,44,884.00	5,18,419.00	17,21,476.00	6,41,827.00	SBI-00000040209357729	6,41,827.00
9	Domestic Project-90506	2,64,21,187.00	1,95,67,092.00	1,99,01,196.00	2,60,87,083.00	SBI-00000040509390506	2,60,87,083.00
10	NATIONAL MEDICAL COLLEGE NETWORK (NMCN)	1,45,80,381.50	10,37,089.00	16,63,325.00	1,39,54,145.50	SBI - 34868972079 - MNCM	1,39,59,017.50
11	A PRIMER TO GENE BASED PERSONALIZED MANAGEMENT MODEL TO PREDICT EFFICACY OF METHOTREXATE MONOTHERAPY IN PATIENTS WITH PSORIASIS IN SOUTH INDIAN POPULATION	61,989.13		649.00	61,340.13	SBI - 38651733128 - CA	61,340.13
12	ASSESSMENT OF SPEECH COMMUNICATION ORAL MOTOR FUNCTION AND ITS CLINICAL DETERMINANTS	1,88,809.50	1,329.00	1,90,138.50	-	SBI-00000040373266978	-
13	ASSOCIATION OF VITAMIN D AND RELATED VARIABLES WITH POSTPARTUM DEPRESSION IN SOUTH-INDIAN WOMEN.	1,62,963.00	11,367.00		1,74,330.00	SBI - 34619176958 - AVRV	1,74,330.00
14	ESTABLISHING 15 NON COMMUNICABLE DISEASES CLINICS AT UNION TERRITORY OF PUDUCHERRY	8,90,099.00	36,561.00		9,26,660.00	SBI - 33333104474 - E15NCD	9,26,660.00
15	ESTABLISHMENT OF DHR-ICMR ADVANCED MOLECULAR ONCOLOGY DIAGNOSTIC SERVICES (DIAMONDS)	87,37,720.60	1,18,95,019.00	1,05,80,313.00	1,00,52,426.60	SBI -SB -40579119339	1,00,52,426.60
16	GOOGLE STUDY	9,93,948.50	23,583.00	1,70,274.00	8,47,257.50	SBI-42137249494	8,47,257.50
17	HEALTH TECHNOLOGY ASSESSMENT	42,54,011.00	60,47,334.00	54,31,253.00	48,70,092.00	SBI - 39054228049 - Health Technology Assessment	48,70,092.00
18	IMPACT OF PERSONAL EXPOSURE TO BLACK CARBON ON PULMONARY TUBERCULOSIS SEVERITY				-	SBI - 35072122685 - Black Carbon	-
19	Impact of Pregnancy on Tuberculosis				-	SBI - 35936381540 - TB Pregency	
20	internation study of comparative health effectiveness with medical and invasive approaches-ischemi	10,79,414.50	2,93,550.00	9,12,900.00	4,60,064.50	SBI-41153052404	4,60,064.50

S.NO	SCHEDULE 3 - EARMARKED/ENDOWMENT FUNDS	FUND –WISE BREAK UP					
		Opening Balance as on 01.04.2024	Additions	Utilization	Closing Balance as on 31.3.2025	Bank Account Number	bank balance as 31.3.2025
21	Intravenous treatment for scrub typhus (Intrest) Trial	37,103.46		649.00	36,454.46	SBI - 37790576364 - CA	36,454.46
22	NEOADJUVANT CHEMOTHERAPY FOLLOWED BY SURGERY (NAGA TRIAL)	47,72,277.94	71,51,730.00	71,48,139.00	47,75,868.94	SBI - 40975881004	47,75,868.94
23	Neurobionics (Indo German Workshop)	15,234.50		649.00	14,585.50	SBI - 32716756728 - Nurobiocs	14,585.50
24	nodal coordinating centre for surveillance of antimicrobial resistance in staphyloco	1,06,751.00			1,06,751.00	SBI - 33385230420 - NODAL	1,06,751.00
25	PLATELET ASSOCIATED MOLECULAR TARGETS FOR INFLAMMATION.....SEVERITY IN DENGUE INFECTION	1,68,736.00	11,770.00		1,80,506.00	SBI - 34619147009 - PAMTI	1,80,506.00
26	POPULATION PHARMACOKINETICS AND PHARMACOGENETICS OF IMATINIB IN CHRONIC MYELOID LEUKEMIA PATIENTS	8,257.85	229.00		8,486.85	BOB - 98340100002700 - PPAP	8,486.85
27	Predictors of Resistance Emergence Evaluation	1,37,766.76	13,81,042.00	15,18,808.76	-	SBI - 37727563668 - CA	-
28	RESPECTFUL MATERNAL CARE (RMC) IN INDIA	81,683.00		81,683.00	-	SBI-41148475788	-
29	TB Lion	1,15,06,810.50	52,13,548.00	1,67,12,135.50	8,223.00	SBI-41584262171	8,223.00
30	Specfic Fund Scheme	8,09,73,346.00	12,787.00	66,77,100.00	7,43,09,033.00	Specfic Research Fund-34190296303 & ELECTICAL Advance-1947	7,43,09,033.00
	Total	**36,04,50,219.32**	**38,15,06,402.68**	**28,89,15,415.26**	**45,30,41,206.74**	-	**45,30,46,078.84**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025

ANNEXURE - 2

(Amount in Rs.)

Schedule-7-A-5 Statutory Liabilities	Current Year 2024-2025		Previous Year 2023-2024	
5. Statutory Liabilities:				
a) Tax Deducted at Source				
Opening Balance	4,92,82,876.21		5,33,57,514.00	
Add: Additions during the Year	86,59,17,617.00		73,47,82,852.00	
Less: Payments during the year	84,87,11,394.34	6,64,89,098.87	73,88,57,489.79	4,92,82,876.21
b) Goods and Services Tax				
Opening Balance	4,34,808.00		7,73,507.00	
Add: Additions during the Year	30,06,571.00		16,27,297.00	
Less: Payments during the year	28,75,644.00	5,65,735.00	19,65,996.00	4,34,808.00
c) Goods and Services Tax-Government TDS				
Opening Balance	59,66,496.66		72,21,338.00	
Add: Additions during the Year	5,00,27,760.00		3,94,08,631.66	
Less: Payments during the year	4,66,20,179.66	93,74,077.00	4,06,63,473.00	59,66,496.66
d) Tax Collected at Source				
Opening Balance	92,676.00		72,126.00	
Add: Additions during the Year	22,610.00		20,550.00	
Less: Payments during the year	-	1,15,286.00	-	92,676.00
e) Employee Liability				
(1) General Provident Fund (Recovery)				
Opening Liability of GPF	2,15,01,410.00		1,95,90,035.00	
Add: General Provident Fund Deductions	21,86,13,086.00		23,43,84,200.00	
Less: Transferred to General Provident Fund A/c	22,22,76,054.00	1,78,38,442.00	23,24,72,825.00	2,15,01,410.00

	Current Year 2024-2025		Previous Year 2023-2024	
(2) Employees Provident Fund				
Opening Balance	1,68,23,137.50		1,46,24,799.50	
Add: Interest	3,39,600.00		75,55,146.00	
Add: Additions during the Year	2,30,91,703.00		2,35,73,347.00	
Less: Payments during the year	3,02,96,230.00	99,58,210.50	2,89,30,155.00	1,68,23,137.50
(3) New Pension Scheme	6,45,38,847.09		5,97,04,042.90	
Recovered During the year (Employee & JIPMER Cont)	86,64,33,761.00		39,88,51,462.19	
Interest	2,25,374.00		19,43,913.00	
Less: Settled during the year	85,81,09,707.00	7,30,88,275.09	39,59,60,571.00	6,45,38,847.09
(4) CGEGIS				
Opening Balance	300.00		300.00	
Add: Additions during the Year	18,149.00		19,762.00	
Less: Payments during the year	18,419.00	30.00	19,762.00	300.00
(5) PAO Recovery				
Opening Balance	1,01,151.00		91,544.00	
Add: Additions during the Year	12,41,606.00		15,34,230.00	
Less: Payments during the year	13,30,731.00	12,026.00	15,24,623.00	1,01,151.00

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2024

ANNEXURE - 3

(Amount in Rs.)

Schedule-7-A-6 Other Current Liabilities	Current Year 2024-2025		Previous Year 2023-2024	
6. Other Current Liabilities				
a) Deposits				
(1) Education Section - Caution Deposit				
Opening Balance	23,61,009.38		57,85,488.38	
Add: Additions during the Year	54,72,750.00		14,68,700.00	
Less: Payments during the year	47,59,659.00	30,74,100.38	48,93,179.00	23,61,009.38
(2) Earnest Money Deposit				
Opening Balance	25,76,05,622.39		25,12,87,267.09	
Add: Additions during the year	5,91,92,558.00		5,39,84,557.30	
Less: Payments during the year	4,70,27,588.00	26,97,70,592.39	4,76,66,202.00	25,76,05,622.39
Total (A) Current Liabilities		37,37,41,676.36		36,29,31,477.36

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2024

ANNEXURE - 4

(Amount in Rs.)

	Current Year 2024-2025		Previous Year 2023-2024	
Schedule - 7-B -5 Others				
1.Expenses Payable				
Asset Payable	1,88,88,029.32		84,04,064.32	
Administration Expenses Payable	14,20,09,324.00		34,21,99,958.00	
Salary Payable	50,74,90,424.00		45,72,70,486.00	
Karaikal Expenses Payable	-		-	
TNCMCHIS Expenses Payable	-	66,83,87,777.32	-	80,78,74,508.32
2. Cheque Return		56,79,465.16		58,04,956.15
Total		67,40,67,242.48		81,36,79,464.47
		4,50,36,092.00		

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025

Annexure -5

(Amount in Rs.)

	FUND –WISE BREAK UP					TOTALS	
	Opening Balance	Additions	Utilization	Refund\Adjustement	Closing Balance	Current Year 2024-2025	Previous Year 2023-2024
Schedule 7-A-6-b- Grant Details							
1) Grant -in-aid	(A)	(B)	(c)		(A + B - C)		
Grant-in- aid- Salaries	-	8,90,00,00,000.00	8,71,96,28,637.00	18,03,00,000.00	71,363.00	71,363.00	-
Grant-in-aid- General	64,21,93,658.43	3,45,00,00,000.00	3,46,11,72,635.04	40,86,24,595.89	22,23,96,427.50	22,23,96,427.50	64,21,93,658.43
Grant-in aid- Creation of Capital Assets	1,78,27,37,297.30	1,25,00,00,000.00	1,11,72,40,191.00	(1,41,98,59,079.32)	3,33,53,56,185.62	3,33,53,56,185.62	1,78,27,37,297.30
Grant-in-aid- Interest	81,54,30,472.18	8,04,33,268.82		88,19,43,481.00	1,39,20,260.00	1,39,20,260.00	81,54,30,472.18
HLL Interst	-	99,05,450.00		99,05,450.00	-	-	-
Kayakalp Scheme	2,37,78,610.00	-	-		2,37,78,610.00	2,37,78,610.00	2,37,78,610.00
Swachhta Action Plan	-	10,00,00,000.00	10,00,00,000.00		-	-	-
Other Fund	-	18,41,991.00	18,41,991.00		-	-	-
PM-ABHIM Scheme	20,00,00,000.00	40,00,00,000.00	21,58,30,604.00	1,45,24,000.00	39,86,93,396.00	39,86,93,396.00	20,00,00,000.00
Total	**3,46,41,40,037.91**	**14,19,21,80,709.82**	**13,61,57,14,058.04**	**7,54,38,447.57**	**3,99,42,16,242.12**	**3,99,42,16,242.12**	**3,46,41,40,037.91**

Note: With Respect ot PM-ABHIM Scheme Rs.1,45,24,000/- was added to the Scheme, on the basis of Form 65 issued by the CPWD.

(Amount in Rs.)

	FUND –WISE BREAK UP					TOTALS	
	Opening Balance	Additions	Utilization		Closing Balance	Current Year 2024-2025	Previous Year 2023-2024
Schedule 7-A-6-b- Unutilized Grant							
2)CBHI	(A)	(B)	(c)		(A + B - C)		
Central Bureau of Health Intelligence	22,72,606.00	67,50,000.00	63,27,514.00		26,95,092.00	26,95,092.00	22,72,606.00
CBHI -Interest	37,030.00	55,050.00			92,080.00	92,080.00	37,030.00
Total	23,09,636.00	68,05,050.00	63,27,514.00		27,87,172.00	27,87,172.00	-

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)				
Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.				
ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025				
Annexure -6				
Schedule -11-A-4-a Bank Balances				**(Amount in Rs.)**
	CURRENT YEAR 2024-2025		**PREVIOUS YEAR 2023-2024**	
Bank Balances:				
a) WITH SCHEDULED BANKS:				
i) In Current Accounts				
SBI Account - 30714702008 - GIA	(2,46,02,951.00)		1,29,27,93,479.00	
-SWEEP TO 37622001039	1,60,85,946.00		1,60,85,946.00	
-SWEEP TO 43769146061 -GIA	13,95,15,145.59		-	
-SWEEP TO 43799408443 -GIA	9,75,80,000.00		-	
-SWEEP TO 43891032652 -GIA	50,40,000.00		-	
-SWEEP TO 43951170573 -GIA	54,79,94,371.00		-	
-SWEEP TO 42688061810 -GIA	11,66,56,645.00		10,90,50,000.00	
-SWEEP TO 42728265562 -GIA			10,37,45,218.59	
-SWEEP TO 42817932717 -GIA			3,97,10,000.00	
-FD -40599904482-BG	99,90,000.00		99,90,000.00	
-FD- 40603796973-STDR	8,18,48,874.00	99,01,08,030.59	7,65,49,512.00	1,64,79,24,155.59
Karaikal Bank:				
Karaikal Project-35665604087	2,58,209.00		2,293.00	
Karaikal Project Imprest-36249251365	2,60,805.00		3,42,890.00	
Karaikal Project -37621209776	1,52,48,554.00		1,52,48,554.00	
Karaikal Hostel Mess - 36380263425	6,73,564.57		6,40,564.57	
Karaikal Hostel Mess - 37095883774	15,483.75		72,937.75	
SBI-39395206231	10,965.53		26,714.53	
-SWEEP TO 40174139627 -KKL	11,15,59,556.50	12,80,27,138.35	10,43,36,556.50	12,06,70,510.35

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
JIPMER Revenue A/c No: 30749579504	37,45,399.07		19,86,969.67	
-Sweep TO- 38448778399			62,17,466.00	
-Sweep TO- 38462702297			41,57,693.00	
-Sweep TO- 38476959258			18,33,62,721.88	
- SWEEP TO 39277523914	11,43,76,047.87		12,47,43,530.38	
- SWEEP TO 39322768402			19,04,437.00	
- SWEEP TO 39341479698			8,15,019.00	
-SWEEP TO 40099678416-	46,91,43,366.84		43,85,52,678.84	
-SWEEP TO 40149845486-	4,52,972.00		4,23,436.00	
-SWEEP TO 40158716594-	14,30,00,230.76		16,48,46,509.15	
-SWEEP TO 40171539005			1,07,241.00	
-SWEEP TO 40180723784			11,92,918.00	
-SWEEP TO 40602269449			35,14,66,596.27	
-SWEEP TO 40778420943-	18,66,17,345.75		17,63,00,069.23	
-SWEEP TO 40792741992-	8,33,073.00		7,78,752.00	
-SWEEP TO 40808641836-	74,89,225.00		70,00,887.00	
-SWEEP TO 40825613592-	7,61,778.00		7,12,106.00	
-SWEEP TO 40874754024-	23,42,715.00		21,89,957.00	
- SWEEP TO 40905469852-	2,98,35,639.34		2,79,03,910.34	
- SWEEP TO 40965338091			15,66,53,899.00	
- SWEEP TO 40981600810			25,08,597.00	
- SWEEP TO 40994611839			27,85,653.00	
- SWEEP TO 41140629613			4,40,05,424.00	
- SWEEP TO 41154908975			19,75,314.00	
- SWEEP TO 41206912124-	11,72,170.00		10,95,738.00	
- SWEEP TO 41240566191			19,45,515.00	
- SWEEP TO 41312868810			16,10,882.00	
- SWEEP TO 41349643032			36,91,517.00	
- SWEEP TO 41366860839			12,81,532.00	
- SWEEP TO 41379354487			43,38,881.00	
- Sweep to -41451620731			2,05,93,322.19	
- SWEEP TO 41543960285			6,60,783.00	
- SWEEP TO 41567286444			27,37,223.00	
- SWEEP TO 41587002083			3,82,625.00	
- SWEEP TO 41603247008			4,64,06,345.67	
- SWEEP TO 41619559665			13,57,919.00	
- SWEEP TO 41638747384-	13,79,694.00		39,82,874.00	
- SWEEP TO 41660058249-	57,94,412.00		54,16,585.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
- SWEEP TO 41677957088-	55,50,210.00		51,88,306.00	
- SWEEP TO 41696282544-	35,76,165.00		33,42,980.00	
- SWEEP TO 41718154713-	29,46,761.00		27,54,616.00	
- SWEEP TO 41738223876			4,56,574.00	
- SWEEP TO 41758341035			59,62,320.00	
-SWEEP TO 41778237350-	12,48,511.00		11,67,101.00	
-SWEEP TO 41815883698-	4,39,669.00		4,11,000.00	
-SWEEP TO 41852130717-	29,953.00		28,000.00	
-SWEEP TO 41869265942-	10,22,685.00		9,56,000.00	
-SWEEP TO 41891837323			9,19,25,000.00	
-SWEEP TO 41911400192			14,25,000.00	
-SWEEP TO 41928146033			20,49,000.00	
-SWEEP TO 41986487257			17,64,000.00	
-SWEEP TO 42004550312			16,41,000.00	
-SWEEP TO 42023142969			3,26,000.00	
-SWEEP TO 42037968614			23,17,000.00	
-SWEEP TO 42083050962			20,85,000.00	
-SWEEP TO 42103087166			25,76,000.00	
-SWEEP TO 42143915683			2,12,70,000.00	
SWEEP TO 42168492567-	31,02,286.00		29,00,000.00	
-SWEEP TO 42186869340-	52,73,886.00		49,30,000.00	
-SWEEP TO 42207537040			11,15,000.00	
-SWEEP TO 42224421966			94,88,000.00	
-SWEEP TO 42248698646			16,84,000.00	
-SWEEP TO 42269111725			35,34,000.00	
-SWEEP TO 42288228980			35,85,000.00	
-SWEEP TO 42305493157			45,97,000.00	
-SWEEP TO 42328970022			23,20,000.00	
SWEEP TO 42351544278			55,47,000.00	
-SWEEP TO 42370198552			22,97,000.00	
-SWEEP TO 42385429620			12,59,000.00	
-SWEEP TO 42405632213-	17,99,326.00		16,82,000.00	
-SWEEP TO 42428532245			3,32,000.00	
-SWEEP TO 42445029613			20,95,000.00	
-SWEEP TO 42464256601			59,96,000.00	
-SWEEP TO 42481347725			16,98,000.00	
-SWEEP TO 42504823725			14,40,000.00	
-SWEEP TO 42523669634			57,05,000.00	
-SWEEP TO 42544162529			33,37,000.00	
-SWEEP TO 42560624927			25,67,000.00	
-SWEEP TO 42586586822			2,94,67,000.00	
-SWEEP TO 42609003237			31,28,000.00	
-SWEEP TO 42626152349			16,63,000.00	
-SWEEP TO 42644106956			29,33,000.00	
-SWEEP TO 42662957703-	37,38,789.00		34,95,000.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
SWEEP TO 42688101265-	29,92,101.00		27,97,000.00	
-SWEEP TO 42707344164-	48,59,891.00		45,43,000.00	
-SWEEP TO 42749055854 .			2,25,58,000.00	
-SWEEP TO 42775615976			35,12,000.00	
-SWEEP TO 42795120659			18,07,000.00	
-SWEEP TO 42835700411	25,01,084.00		23,38,000.00	
SWEEP TO 42877981232	27,82,000.00			
SWEEP TO 42895316547	37,15,000.00			
SWEEP TO 42914142957	23,17,000.00			
SWEEP TO 43212560928	22,99,000.00			
SWEEP TO 43277674792	10,72,22,575.38			
SWEEP TO 43489556937	12,71,74,000.00			
SWEEP TO 43513045430	46,44,17,983.59			
SWEEP TO 43799522803	15,17,000.00			
SWEEP TO 43822006373	1,86,000.00			
SWEEP TO 43843720544	62,38,75,840.31			
SWEEP TO 43860857874	49,40,000.00			
SWEEP TO 43931339194	7,68,000.00			
SWEEP TO 43951248088	3,41,39,000.00	2,38,13,78,784.91		2,09,20,87,423.62
	-		-	
SBI - 33706129327 - Donation Campaign	10,117.22		10,766.22	
-Sweep A/c No-34434338818	88,06,193.00		82,31,982.00	
-Sweep A/c No-39108805257	42,991.00		40,188.00	
-Sweep A/c No-39125319777	1,97,493.00		1,84,615.00	
-Sweep A/c No-39159740956	1,98,192.00		1,85,269.00	
-Sweep A/c No- 39506258936	1,86,996.00		1,74,803.00	
-Sweep A/c No- 39558286644	62,332.00	95,04,314.22	58,268.00	88,85,891.22
SBI - 3558979339 - Donation Fund	35,88,785.50	35,88,785.50	35,89,434.50	35,89,434.50
SBI - 34704699857 - Employer Provident Fund	34,897.50		10,935.50	
-SWEEP TO 42877528779	13,000.00		-	
- SWEEP TO 41586724758			2,48,702.00	
-SWEEP TO 43058727417	25,000.00		-	
-SWEEP TO 37766561519	18,45,520.00		17,25,182.00	
-SWEEP TO 43361537331	62,000.00		-	
-SWEEP TO 43618801003	2,86,000.00		-	
-SWEEP TO 43704823528	22,44,000.00		-	
-SWEEP TO 39441823195	1,40,679.00		3,37,161.00	
-SWEEP TO 41834807294	54,557.00		51,000.00	
-SWEEP TO 41911044347	60,976.00		57,000.00	
-SWEEP TO 41986113268	54,557.00		51,000.00	
-SWEEP TO 42022827546	59,906.00		56,000.00	
-SWEEP TO 42288024442			41,000.00	
-SWEEP TO 42370015717			12,000.00	
-SWEEP TO 42428207612			52,000.00	
-SWEEP TO 42608827144	1,42,904.00		19,34,000.00	
-SWEEP TO 42687924086	11,99,194.00		11,21,000.00	
-SWEEP TO 42775357311	11,767.00	62,34,957.50	11,000.00	57,07,980.50

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
	-		-	
SBI - 32959920453 - TN Chief Minister Insurance Scheme	10,193.00		50,459.00	
SBI - 35172943755 - TN Chief Minister Insurance Scheme Imprest A/c	93,896.14		86,497.14	
-SWEEP TO 35333035049-Tn-	14,73,408.00		13,77,334.00	
-SWEEP TO 35382523301-Tn-	5,57,870.00		5,21,494.00	
-SWEEP TO 36248893664-Tn-	22,50,84,079.50		21,05,10,855.00	
SWEEP TO 36260163700-Tn	78,33,466.00		73,22,682.00	
-SWEEP TO 36287023853-Tn--	1,00,14,020.00		93,61,052.00	
-SWEEP TO 36344486275-Tn-	1,13,09,021.00		1,05,71,612.00	
-SWEEP TO 36909682407-TN			19,10,280.00	
-SWEEP TO 36927125921-Tn-	28,72,892.00		26,85,564.00	
-SWEEP TO 36955818286-Tn-	45,22,977.00		42,28,054.00	
-SWEEP TO 37020047816-TN-	37,26,234.00		46,39,604.00	
-SWEEP TO 37035082833-Tn			2,65,350.00	
-SWEEP TO 37050450810-TN			11,54,673.00	
-SWEEP TO 37070750763-TN			18,47,601.00	
-SWEEP TO 37152748255-TN-	83,80,127.00		82,06,680.00	
-SWEEP TO 37173206126-TN-	72,89,700.00		68,14,372.00	
-SWEEP TO 37189069532-TN-	31,09,805.00		29,10,768.00	
-SWEEP TO 37222536434-TN			13,71,099.00	
-SWEEP TO 37294971416-TN			10,08,364.00	
-SWEEP TO 37338928341			7,89,700.00	
-SWEEP TO 37352761755-	14,47,277.00		26,70,967.00	
-SWEEP TO 37366530541-TN	32,35,617.00		30,24,637.00	
-SWEEP TO 37379913110-TN-	48,34,320.00		45,19,096.00	
-SWEEP TO 37447059011-TN-	75,44,169.00		70,52,248.00	
-SWEEP TO 37471615095-TN-	1,10,78,412.00		1,03,56,040.00	
-SWEEP TO 37483023058-TN-	38,77,945.00		36,25,082.00	
-SWEEP TO 37663424490-Tn-	7,94,633.00		7,42,819.00	
-SWEEP TO 37732254621-TN-	3,97,748.00		3,71,813.00	
-SWEEP TO 37757573943-TN-	55,15,602.00		51,55,955.00	
-SWEEP TO 37784527611-TN-	73,79,225.00		68,98,060.00	
-SWEEP TO 37800094611-Tn-	48,15,155.00		45,01,181.00	
-SWEEP TO 37813435141-TN-	3,26,856.00		3,05,543.00	
-SWEEP TO 37827607900-Tn			24,21,660.00	
-SWEEP TO 37840843882-TN			20,29,390.00	
-SWEEP TO 37858376203-TN			31,77,492.00	
SWEEP TO 37873113393-TN	61,283.00		57,287.00	
-SWEEP TO 37948305333-TN-	32,79,120.00		30,65,304.00	
-SWEEP TO 37980134149-TN			9,97,015.00	
-SWEEP TO 37998532265-TN			11,64,390.00	
-SWEEP TO 38063397922-TN-	2,42,354.00		62,98,042.00	
-SWEEP TO 38076782704-TN-	6,74,197.00		6,30,236.00	
-SWEEP TO 38087056665-TN	9,48,910.00		8,87,036.00	
-SWEEP TO 38102802328-TN-	11,12,319.00		47,21,946.00	
SWEEP TO 38130761590-TN-	36,84,597.00		34,44,341.00	
-SWEEP TO 38153934150-Tn-	79,89,760.00		74,68,784.00	
SWEEP TO 38171230925-TN-	72,16,315.00		67,45,772.00	
-SWEEP TO 38185638790-	23,28,847.00		21,76,994.00	
-SWEEP TO 38200416817-TN-	1,10,30,555.00		1,03,11,303.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
-SWEEP TO 38214583250-TN-	74,00,172.00		69,17,641.00	
-SWEEP TO 38232650294-	20,02,029.00		18,71,486.00	
-SWEEP TO 38394376926-TN-	24,31,425.00		22,72,883.00	
-SWEEP TO 38406763959-TN-	7,49,765.00		7,00,876.00	
-SWEEP TO 38437559109-TN-	36,81,878.00		34,41,800.00	
-SWEEP TO 38497656667-TN-	35,46,044.00		33,14,823.00	
-SWEEP TO 38513407911-TN-	38,87,696.00		36,34,197.00	
-SWEEP TO 38531284645-Tn-	3,12,674.00		2,92,286.00	
-SWEEP TO 38546063537-Tn -	51,02,870.00		53,76,817.00	
-SWEEP TO 38585226758-Tn-	52,76,722.00		49,32,651.00	
-SWEEP TO 38602271535-Tn-	16,46,219.00		15,38,877.00	
-SWEEP TO 38621644348-Tn			22,72,092.00	
-SWEEP TO 38637713155-Tn			34,99,946.00	
-SWEEP TO 38661071241-Tn			13,36,302.00	
SWEEP TO 38680273120-Tn-	41,03,660.00		38,36,079.00	
-SWEEP TO 38752810780-Tn-	29,41,471.00		27,49,671.00	
-SWEEP TO 38768021062-Tn-	65,44,021.00		61,17,315.00	
-SWEEP TO 38805816036-Tn			30,90,581.00	
-SWEEP TO 38826059240-TN			47,14,705.00	
-SWEEP TO 38928830244-Tn-	40,18,792.00		37,56,745.00	
-SWEEP TO 38945270041-	38,56,012.00		36,04,579.00	
SWEEP TO 38963896714-Tn-	31,82,212.00		29,74,715.00	
-SWEEP TO 38984331792-Tn-	45,40,532.00		42,44,465.00	
SWEEP TO 38999654922-Tn-	47,77,765.00		44,66,229.00	
-SWEEP TO 39016439769-Tn-	32,11,018.00		30,01,642.00	
SWEEP TO 39029322075-Tn-	40,61,161.00		37,96,351.00	
-SWEEP TO 39048734675-Tn-	60,33,305.00		56,39,901.00	
-SWEEP TO 39065101529-Tn			2,70,41,906.00	
-SWEEP TO 39096622068-Tn-	80,87,824.00		75,60,454.00	
-SWEEP TO 39111321828-Tn-	94,67,592.00		88,50,254.00	
-SWEEP TO 39248421452-Tn	24,43,872.00		22,84,518.00	
-SWEEP TO 39294551395-Tn-	45,29,409.00		42,34,067.00	
-SWEEP TO 39362599194-Tn	11,44,642.00		10,70,005.00	
-SWEEP TO 39386432217-Tn-	1,99,068.00		1,86,088.00	
-SWEEP TO 39427263821-Tn-	3,73,990.00		3,49,604.00	
-SWEEP TO 39472629817-Tn-	2,48,835.00		2,32,610.00	
-SWEEP TO 39527641325-Tn			20,54,508.00	
-SWEEP TO 39545330702-Tn			12,49,253.00	
-SWEEP TO 39562900650-Tn-	7,89,121.00		7,37,666.00	
-SWEEP TO 39637683836-Tn-	11,81,065.00		11,04,053.00	
-SWEEP TO 39654972995-Tn-	16,36,023.00		15,29,345.00	
-SWEEP TO 39707016817-Tn			7,23,323.00	
-SWEEP TO 39790465864-Tn-	12,65,313.00		11,82,808.00	
-SWEEP TO 39851089437-Tn-	24,71,688.00		23,10,521.00	
-SWEEP TO 39865344881-TN-	7,06,606.00		6,60,531.00	
-SWEEP TO 39880899527-TN-	35,452.00		33,140.00	
-SWEEP TO 39894623451-TN-	2,56,237.00		2,39,529.00	
-SWEEP TO 39912004875-TN	18,70,396.00		17,48,436.00	
SWEEP TO 39928940556-TN-	32,35,370.00		30,24,406.00	
SWEEP TO 39958711122-	35,36,795.00		33,06,177.00	
-SWEEP TO 39973653182-Tn-	20,11,732.00		18,80,556.00	
-SWEEP TO 39993574363-Tn-	7,40,718.00		6,92,419.00	
-SWEEP TO 40024091878-	17,84,703.00		16,68,331.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
-SWEEP TO 40039206103-TN-	8,85,604.00		8,27,858.00	
-SWEEP TO 40060430423-TN-	12,62,287.00		11,79,979.00	
-SWEEP TO 40113826124-TN-	11,62,589.00		11,62,589.00	
-SWEEP TO 40129596305-TN-	32,48,640.00		30,36,811.00	
SWEEP TO 40141689308-TN-\	4,47,059.00		4,17,908.00	
-SWEEP TO 40151925312-TN			1,04,596.00	
-SWEEP TO 40162857734-TN	17,70,495.00		16,55,049.00	
-SWEEP TO 40182523105-TN-	16,00,256.00		14,95,911.00	
-SWEEP TO 40190391007-TN-,	64,36,229.00		60,16,552.00	
-SWEEP TO 40198712730-TN			24,70,966.00	
-SWEEP TO 40212835238-TN-	61,71,306.00		57,68,903.00	
-SWEEP TO 40268659266-TN-	1,52,869.00		1,42,901.00	
-SWEEP TO 40284573036-TN-	7,70,691.00		7,20,438.00	
-SWEEP TO 40300066575-Tn-	16,68,117.00		15,75,238.00	
-SWEEP TO 40311880585-Tn			20,26,097.00	
-SWEEP TO 40328509315-Tn			3,32,329.00	
-SWEEP TO 40350177083-Tn-	27,32,686.00		25,54,500.00	
-SWEEP TO 40418692841-Tn-	38,34,512.00		35,84,481.00	
-SWEEP TO 40434258518-Tn-	24,63,240.00		23,02,623.00	
-SWEEP TO 40484715792-Tn			2,18,552.00	
-SWEEP TO 40591216994-Tn-	24,57,884.00		22,97,617.00	
-SWEEP TO 40624868743-Tn-	31,37,733.00		29,33,136.00	
-SWEEP TO 40641501192-Tn-	36,66,860.00		34,27,761.00	
-SWEEP TO 40654126329-	1,07,52,626.00		1,00,51,497.00	
-SWEEP TO 40668520160-Tn-	85,66,038.00		80,07,486.00	
-SWEEP TO 40685254038-Tn-	76,51,254.00		71,52,351.00	
-SWEEP TO 40703247680-Tn-	32,46,005.00		30,34,348.00	
-SWEEP TO 40732647913-Tn-	83,56,711.00		78,11,808.00	
-SWEEP TO 40746395978-Tn-	5,04,167.00		4,71,293.00	
-SWEEP TO 40781773223-Tn-	5,40,268.00		5,05,040.00	
-SWEEP TO 40811791446-Tn-Jan			6,26,828.00	
-SWEEP TO 40832160798-Tn-Jan			2,61,084.00	
-SWEEP TO 40878350221-Tn-Feb			52,892.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
SWEEP TO 40909560622-Tn-	13,17,801.00		12,31,873.00	
-SWEEP TO 40922916245-Tn-	2,26,198.00		2,11,449.00	
-SWEEP TO 40936714118-Tn-	4,01,558.00		19,76,677.00	
-SWEEP TO 40952058154-Tn-	54,46,759.00		50,91,601.00	
-SWEEP TO 40970871011-Tn-	10,93,237.00		10,21,952.00	
SWEEP TO 40984860106-Tn-	2,84,717.00		2,66,152.00	
-SWEEP TO 40998847351-Tn-	8,49,650.00		7,94,248.00	
-SWEEP TO 41012063564-Tn			6,99,569.00	
-SWEEP TO 41030993847-Tn-K	24,90,429.00		23,28,040.00	
-SWEEP TO 41046830375-Tn-	4,89,506.00		4,57,588.00	
-SWEEP TO 41062691794-Tn-	20,08,234.00		18,77,286.00	
-SWEEP TO 41094393697-Tn-	13,05,747.00		12,20,605.00	
-SWEEP TO 41112106982-Tn-	12,67,408.00		11,84,766.00	
-SWEEP TO 41129267975-Tn-	18,66,158.00		17,44,474.00	
-SWEEP TO 41143963906-Tn			30,82,079.00	
-SWEEP TO 41160628549-Tn			20,57,530.00	
SWEEP TO 41175890236-	5,93,81,566.88		5,55,36,866.88	
-SWEEP TO 41182360775-Tn			3,01,462.00	
-SWEEP TO 41196722845-Tn-	49,65,346.00		46,41,579.00	
-SWEEP TO 41227521567-Tn-	38,05,993.00		56,08,761.00	
-SWEEP TO 41247469249-Tn-	51,65,225.00		48,28,424.00	
-SWEEP TO 41265808793-TN-	41,90,676.00		39,17,421.00	
-SWEEP TO 41284541451-Tn-	10,51,339.00		9,82,786.00	
-SWEEP TO 41320546777-Tn			11,35,851.00	
-SWEEP TO 41406396406-TN-	3,11,257.00		2,90,961.00	
-SWEEP TO 41421667630-TN-	3,30,726.00		3,09,161.00	
-SWEEP TO 41439868372-TN-	2,78,446.00		2,60,290.00	
-SWEEP TO 41475563025-TN-	6,58,043.00		6,15,135.00	
-SWEEP TO 41493612880-TN-	4,64,836.00		4,34,526.00	
-SWEEP TO 41513896644-TN-	11,22,079.00		10,48,913.00	
-SWEEP TO 41530774667-TN-	14,61,790.00		13,66,473.00	
-SWEEP TO 41550177384-TN-	27,97,760.00		26,15,331.00	
-SWEEP TO 41591114510-TN-	4,26,641.00		3,98,822.00	
-SWEEP TO 41609014906-TN-	4,09,485.00		3,82,784.00	
-SWEEP TO 41622961746-TN-	6,74,848.00		6,30,844.00	
-SWEEP TO 41645436448-Tn-	45,43,215.00		42,46,973.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
-SWEEP TO 41664280588-Tn-	37,58,562.00		35,13,483.00	
-SWEEP TO 41682489135-Tn-	35,39,546.00		33,08,748.00	
-SWEEP TO 41700168780-	55,99,350.00		69,00,981.00	
-SWEEP TO 41742727458-Tn-	19,82,817.00		18,53,527.00	
-SWEEP TO 41764571005-TN-	11,61,605.00		27,06,796.00	
-SWEEP TO 41782423714-TN-Feb			24,52,945.00	
-SWEEP TO 41801068929-Tn-	26,65,790.00		26,21,966.00	
-SWEEP TO 41819218708-Tn-	72,08,942.00		76,26,000.00	
-SWEEP TO 41838763737-Tn-	56,17,277.00		52,51,000.00	
-SWEEP TO 41855900173-	33,30,143.00		31,13,000.00	
SWEEP TO 41875715576-Tn-	17,82,210.00		16,66,000.00	
-SWEEP TO 41897387241-Tn-	14,05,656.00		13,14,000.00	
-SWEEP TO 41915293436-Tn-	20,18,625.00		18,87,000.00	
-SWEEP TO 41933400527-Tn-	29,65,357.00		27,72,000.00	
-SWEEP TO 41949467278-Tn-	20,64,321.00		20,26,000.00	
-SWEEP TO 41990884734-Tn-	31,48,285.00		29,43,000.00	
-SWEEP TO 42010268613-Tn-	21,12,764.00		19,75,000.00	
-SWEEP TO 42046174948-Tn-	11,58,543.00		10,83,000.00	
-SWEEP TO 42068246820-Tn-	31,60,053.00		29,54,000.00	
-SWEEP TO 42089501864-TN-	18,43,186.00		17,23,000.00	
-SWEEP TO 42107102364-TN			52,24,000.00	
-SWEEP TO 42152086379-TN			31,38,000.00	
-SWEEP TO 42173781288-TN-	17,26,583.00		16,14,000.00	
-SWEEP TO 42193509503-TN-	7,11,386.00		6,65,000.00	
-SWEEP TO 42211608064-TN-	2,89,306.00		14,38,000.00	
-SWEEP TO 42232998137-TN-	25,26,758.00		23,62,000.00	
SWEEP TO 42253525212-TN-	44,42,687.00		41,53,000.00	
-SWEEP TO 42275541625-TN-	34,07,166.00		31,85,000.00	
-SWEEP TO 42292212011-TN-	21,49,135.00		20,09,000.00	
-SWEEP TO 42313056504-TN			3,74,000.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
-SWEEP TO 42336276454-TN			44,71,000.00	
-SWEEP TO 42412659747-TN-	14,86,958.00		13,90,000.00	
-SWEEP TO 42432549093-TN			33,97,000.00	
-SWEEP TO 42450849312-TN-	33,90,050.00		31,69,000.00	
-SWEEP TO 42468274207-TN-	29,98,520.00		28,03,000.00	
-SWEEP TO 42489016943-TN			26,62,000.00	
-SWEEP TO 42509310184-TN-	13,54,308.00		12,66,000.00	
-SWEEP TO 42530160821-TN-	24,68,992.00		23,08,000.00	
SWEEP TO 42548470244-TN-	11,30,730.00		10,57,000.00	
-SWEEP TO 42568868457-TN-	30,89,449.00		28,88,000.00	
SWEEP TO 42594363769-TN-	12,48,403.00		11,67,000.00	
-SWEEP TO 42613540427-TN-	66,27,124.00		61,95,000.00	
-SWEEP TO 42632436173 TN-	6,29,015.00		5,88,000.00	
SWEEP TO 42645921652-TN-	33,18,073.00		82,73,000.00	
-SWEEP TO 42670868357-TN-	24,43,318.00		22,84,000.00	
-SWEEP TO 42692719570-TN-	12,48,403.00		11,67,000.00	
-SWEEP TO 42714036058-TN-	21,28,810.00		19,90,000.00	
SWEEP TO 42732400357-TN-	23,63,086.00		22,09,000.00	
-SWEEP TO 42757797625-TN-	24,80,875.00		23,35,000.00	
-SWEEP TO 42779005885-TN-	38,22,230.00		35,73,000.00	
-SWEEP TO 42802222136-TN-	18,44,255.00		17,24,000.00	
-SWEEP TO 42822356020-TN-Feb			2,88,000.00	
-SWEEP TO 42841086660-TN-	54,97,464.00		51,39,000.00	
SWEEP TO 42864362954-TN-	37,81,000.00			
SWEEP TO 42882407225-Tn-	30,15,000.00			
SWEEP TO 42900733679- Tn-	24,000.00			
SWEEP TO 42917576811-TN-	15,97,000.00			
SWEEP TO 42941918597-TN-	38,25,000.00			
SWEEP TO 42962630072- TN-	20,46,000.00			
SWEEP TO 42999151473- TN-	4,15,000.00			
SWEEP TO 43021126011-TN-	8,06,000.00			
SWEEP TO 43065386692-Tn-	33,23,000.00			
SWEEP TO 43103455793- TN-	8,12,000.00			
SWEEP TO 43131382638-TN-	21,39,000.00			

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
SWEEP TO 43152716588-TN-	26,42,000.00			
SWEEP TO 43243954803-TN-	24,93,000.00			
SWEEP TO 43264635781-TN-	15,75,000.00			
SWEEP TO 43281778218-TN-	39,83,000.00			
SWEEP TO 43328617285-TN-	22,36,000.00			
SWEEP TO 43349123392 -TN-	17,64,000.00			
SWEEP TO 43368092825 -TN-	15,02,000.00			
SWEEP TO 43387520837-TN-	46,85,000.00			
SWEEP TO 43496317504 -TN-	11,10,000.00			
SWEEP TO 43517391599 -TN-	24,70,000.00			
SWEEP TO 43537080691 -TN-	12,000.00			
SWEEP TO 43554727718 -Tn-	40,46,000.00			
SWEEP TO 43578452508 -TN-	23,07,000.00			
SWEEP TO 43604050752 -TN-	54,70,000.00			
SWEEP TO 43623439021 -TN-	28,36,000.00			
SWEEP TO 43644010008 -Tn-	27,99,000.00			
SWEEP TO 43660311674 Tn-	25,41,000.00			
SWEEP TO 43687470500 -TN-	20,24,000.00			
SWEEP TO 43709825666 -TN-	3,08,92,000.00			
SWEEP TO 43731183255 -Tn-	15,23,000.00			
SWEEP TO 43751471352 -Tn-	30,51,000.00			
SWEEP TO 43779458046 -TN-	19,54,000.00			
SWEEP TO 43804231516-TN	38,67,000.00			
SWEEP TO 43828850471- TN	14,96,000.00			
SWEEP TO 43847637731-TN	41,77,000.00			
SWEEP TO 43873125937-Tn	10,86,000.00			
SWEEP TO 43896357348- TN	13,29,000.00			
SWEEP TO 43916224490 -Tn	16,59,000.00			
WEEP TO 42982877005-TN-	24,91,000.00			
WEEP TO 43043287563-Tn-	19,25,000.00			
WEEP TO 43081409190-TN-	26,48,000.00	94,97,11,714.52		89,70,27,811.02

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
Endowment Fund				
SBI - 34943348476	20,96,288.50	20,96,288.50	18,49,165.50	18,49,165.50
	-		-	
SBI - 1010030209 - Specific Fund	1,19,30,106.35		1,13,33,808.25	
-Sweep A/c No- 36491520932-	12,46,965.00		19,74,253.00	
Sweep A/c No- 37490247365 -	22,94,195.00		21,44,601.00	
Sweep A/c No- 37706763377	80,297.00		1,31,149.00	
-Sweep A/c No- 37717650929			8,22,420.00	
-Sweep A/c No- 38211362766-	14,10,708.00		13,18,722.00	
-Sweep A/c No- 38390594336			1,47,614.00	
-Sweep A/c No- 38448905715-	28,804.00		26,926.00	
-Sweep A/c No- 38462890982 -	41,75,893.00		39,03,602.00	
-Sweep A/c No- 38477075744-	80,429.00		6,25,779.00	
Sweep A/c No- 39093010091-	5,71,677.00		6,60,598.00	
-Sweep A/c No- 39245090420-	33,99,466.00		33,99,466.00	
-Sweep A/c No- 39322569927			25,359.00	
-Sweep A/c No- 39341282499-	8,81,863.00		8,24,361.00	
-Sweep A/c No- 39356073259-	4,94,684.00		14,27,136.00	
-Sweep A/c No- 39379070387-	40,26,445.00		44,78,082.00	
-Sweep A/c No- 39862157180	10,14,122.00		11,12,520.00	
-Sweep A/c No- 39987473602			51,030.00	
-SWEEP TO 40180574071-	2,87,588.00		5,00,665.00	
-SWEEP TO 40196083508	5,04,242.00		5,33,994.00	
-SWEEP TO 40638041875-	7,18,653.00		6,71,793.00	
-SWEEP TO 40651226021-	18,61,790.00		20,07,742.00	
-SWEEP TO 40741892920			3,10,448.00	
-SWEEP TO 40760794929			3,09,323.00	
-SWEEP TO 40778528743			6,50,629.00	
-SWEEP TO 40888576972	49,83,645.00		46,58,684.00	
- SWEEP TO 40905787194			7,36,389.00	
- SWEEP TO 40965423590	20,61,666.00		19,27,234.00	
- SWEEP TO 40981541842	11,39,993.00		10,65,659.00	
- SWEEP TO 41009250468 -	4,73,152.00		4,42,300.00	
- SWEEP TO 41349541824 -	50,296.00		1,49,844.00	
- SWEEP TO 41366824303	5,57,121.00		5,20,794.00	
- SWEEP TO 41418243231-	15,74,516.00		17,59,460.00	
- SWEEP TO 41469310800-	7,83,161.00		7,32,095.00	
- SWEEP TO 41508004516-	22,00,691.00		20,57,194.00	
- SWEEP TO 41619579193-	6,62,266.00		6,19,083.00	
-SWEEP TO 41778170085-	11,66,870.00		16,21,747.00	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
-SWEEP TO 41834960660			61,000.00	
-SWEEP TO 41928101557-	2,64,229.00		2,47,000.00	
-SWEEP TO 41945890038-	5,79,807.00		5,42,000.00	
-SWEEP TO 41963824972-	3,64,786.00		3,41,000.00	
-SWEEP TO 42168650003-	1,27,84,595.00		1,26,10,000.00	
-SWEEP TO 42288248011	1,77,579.00		1,66,000.00	
-SWEEP TO 42351527547-	12,50,542.00		11,69,000.00	
-SWEEP TO 42370192516			65,000.00	
-SWEEP TO 42385531203			3,41,000.00	
-SWEEP TO 42523911905-	14,99,795.00		14,02,000.00	
-SWEEP TO 42626154823-	27,52,476.00		25,73,000.00	
-SWEEP TO 42644194570-	5,71,248.00		5,34,000.00	
-SWEEP TO 42662883161			29,000.00	
-SWEEP TO 42688232630-Jan			3,66,000.00	
-SWEEP TO 42707468850 -	18,42,507.00		20,00,000.00	
-SWEEP TO 42795159723-Jan			99,000.00	
-SWEEP TO 42817917788	29,23,078.00		28,11,000.00	
SWEEP TO 42835762173 -	72,27,529.00		72,33,000.00	
SWEEP TO 42856756017-Opk	11,64,000.00			
SWEEP TO 42934299245 -	4,51,000.00			
SWEEP TO 42976675993 -	41,000.00			
SWEEP TO 42995468101 -	11,80,000.00			
SWEEP TO 43189205458 -	17,23,000.00			
SWEEP TO 43211884956 -	3,27,000.00			
SWEEP TO 43239268797 -	14,23,000.00			
SWEEP TO 43257768323 -	3,28,000.00			
SWEEP TO 43344234916 -	1,29,000.00			
SWEEP TO 43361790021-	1,80,000.00			
SWEEP TO 43382983937-	31,17,000.00			
SWEEP TO 43449290520 -	1,05,000.00			
SWEEP TO 43469516932-	8,14,000.00			
SWEEP TO 43532271217	2,55,000.00			
SWEEP TO 43570373711 -	1,49,000.00			
SWEEP TO 43597592632 -	4,24,000.00			
SWEEP TO 43638051010-	2,42,000.00			
SWEEP TO 43656046224-	3,87,000.00			
SWEEP TO 43860786414 -SRF	1,50,000.00			
SWEEP TO 43891155518 -SRF	37,47,000.00			
SWEEP TO 43911942824 -SRF	1,76,000.00			
SWEEP TO 43951192688 -SRF	1,29,03,000.00			
WEEP TO 43723827757 -	13,64,000.00	11,36,78,475.35		8,82,71,503.25

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
Domestic Project:				
BOB - 98340200000028 - Dept of Medical Oncology-Patient	-		-	
SBI - 32716756728 - Nurobiocs	14,585.50		15,234.50	
SBI - 33385230420 - NODAL	1,06,751.00		1,06,751.00	
SBI - 35072122685 - Black Carbon			-	
SBI - 37727563668 - CA	-		1,37,766.76	
SBI - 37727563839 - CA	7,876.45		1,56,112.45	
SBI - 37790576364 - CA	36,454.46		37,103.46	
SBI - 38651733128 - CA	61,340.13		61,989.13	
SBI-41148475788	-		81,683.00	
SBI-41153052404	4,60,064.50		10,79,414.50	
-SBI-00000040191576372	36,55,791.61		33,37,274.93	
-SBI-00000040209357729	6,41,827.00		18,44,884.00	
-SBI-00000040209361043	32,16,772.50		2,32,76,756.50	
-SBI-00000040373266978	-		1,88,809.50	
-SBI-00000040509390506	2,60,87,083.00		2,64,21,187.00	
-SBI -SB -40579119339	1,00,52,426.60		87,37,720.60	
-SBI - 40975881004	47,75,868.94		47,72,277.94	
SBI-39360713263-ICMR	19,13,48,064.95		8,33,37,689.45	
SBI - 39131769886 - NRROID	857.00		833.00	
SBI - 34429759107 - ICMR				
-Sweep A/c No-37858099227	88,365.00		82,603.00	
-Sweep A/c No-38280506116	40,303.00		37,675.00	
-Sweep A/c No-38314869554	47,404.00		44,313.00	
SBI - 34619147009 - PAMTI				
-Sweep A/c No-36296453025	1,80,506.00		1,68,736.00	
SBI - 34619176958 - AVRV				
-Sweep A/c No- 35839191424	1,74,330.00		1,62,963.00	
SBI - 34868972079 - MNCM	11,717.50		10,241.50	
-Sweep A/c No-35711870365	74,68,607.00		71,20,898.00	
-Sweep A/c No-37713956746	64,78,693.00		74,49,242.00	
SBI-41584262171	8,223.00		1,15,06,810.50	
SBI-42137249494	8,47,257.50	25,58,11,169.64	9,93,948.50	18,11,70,918.22

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
BOB - Other Schemes:				
BOB - 9834020000001 - MS RAN	19,60,65,419.55		14,56,45,585.55	
BOB - 9834010000011 - Regional Cancer -Jiv Daya	5,07,376.83	19,65,72,796.38	4,93,657.83	14,61,39,243.38
Other Banks:				
BOB - 98340200000026 - Health & Wellness Project	19,147.60		19,147.60	
BOB - 98340200000018 - Dept Of Pharcology	19,856.24		31,337.71	
BOB - 98340200000035-Jipmer Hostel Account	6,16,96,280.54		5,86,55,838.93	
SBI - 37000103285 - Jipmer Research Leadership Mentoring Programme	4,54,006.00		6,48,974.00	
SBI - 37249013967 - Fire Safety and Preparedness committee Jipmer	64,248.00		21,868.00	
SBI - 37539634103 - Medical Education Programme	1,83,864.50		48,347.50	
SBI - 37548529200 - CONNAISSANCE-2018	62,96,863.41		7,14,739.41	
SBI - 37829506342 - Jipmer Students Association	2,25,706.18		-	
SBI - 35279486967 - ANISHI Scheme Account	15,90,691.50		15,90,691.50	
SBI - 36233009092 - CNE-College of Nursing	-		91,635.75	
SBI - 37191530070 - GST	6,59,164.00		6,69,494.00	
SBI - 33859666560 - IT A/C	1,89,84,578.00		1,66,40,911.00	
SBI - 37075449604 - Forensic Medicon 2018-Forensic Medicine	544.80		544.80	
SBI - 33270751656 - Bank Gurantee	69,15,309.00		69,15,309.00	
SBI - 37823959810 - TDEX	38,438.01		39,087.01	
SBI - 37884701041 - Clinical Physiology Workshop	53,329.14		53,329.14	
SBI - 38176548284 - HOD - Dept. of Medicine	3,99,941.27		4,00,590.27	
SBI - 36315343650 - Revenue Account Online	16,858.95		74,648.75	
SBI - 3817095010 - GST-TDS	1,68,86,924.60		1,03,91,563.60	
SBI - 40925453725	9,93,47,807.34		9,99,98,766.34	
SBI - 38036680120 - PM-JAY	31,66,83,446.00		7,28,04,349.00	
SBI-39147016776-GEM Poratl	7,56,47,888.00		14,09,87,580.00	
SBI-33700309042 -ALTS	27,22,518.50		18,33,695.50	
SBI-33925184288 EM & Taur	4,85,786.00		5,17,042.00	
SBI-42137441245	9,03,596.50		68,582.00	
SBI - 10100031203 - Poor Patients Chest & Fund	17,712.42		15,313.42	
- Sweep A/c - 36228456265 PPF	29,34,480.00		27,52,484.00	
- SWEEP TO 41562522342 -PPF	9,47,100.00		9,08,844.00	
-SWEEP TO 43882614950-PPF	98,000.00			
- Sweep A/c - 36411516386 PPF	-	61,42,94,086.50	18,875.00	41,69,13,589.23

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
Examination A/c:				
BOB - 98340200000013 - MBBS Entrance Exam	11,94,469.26		11,94,469.26	
BOB - 98340200000017 - MD/MS entrance Examination A/c	16,91,07,083.67		16,91,10,142.33	
- -SWEEP TO 35636738923	5,47,70,451.00		5,11,99,121.00	
BOB -98340200000029 Semester Examination Fee	46,74,332.23	22,97,46,336.16	2,67,04,382.23	24,82,08,114.82
Inoperative Bank:				
SBI - 36405164146 - Jipmer Quality Council	2,73,960.00		2,62,454.00	
SBI - 30011843082 Jimper - Anti Conversion Action	1,126.84		1,097.84	
SBI - 35167504000 - Common Facility	13,143.50		13,143.50	
SBI - 10100030301 - Lister and Osler Mess	1,85,330.50	4,73,560.84	1,85,330.50	4,62,025.84
SBI Collect A/C:				
SBI - 35019108121 - College of Nursing Nightangle House	8,053.00		8,053.00	
SBI - 35023513949 - Common Mess	17,403.54		18,052.54	
SBI - 35359410114 - EOI Pharcy Registration	-		-	
SBI - 35203718206 - Faculty Recuruitmet	53,000.00		53,750.00	
SBI - 35023519588 - Guest House Rent Collection	1,07,319.14		1,00,861.14	
SBI - 34483413175 - Jipmer Receipts Academic Section	26,000.00		16,770.00	
SBI - 34483410695 - Jipmer Receipts Examination Wing	5,037.94		5,037.94	
SBI - 34620150108 - Medical Education NTTC	58,000.00		52,000.00	
SBI - 34619956337 - Purchase	16,86,642.00		3,84,401.00	
SBI - 34619954409 - Research	10,000.00		1,32,750.00	
SBI - 35576886048 - Common Mess Fee	1,18,000.00		1,12,000.00	
SBI - 36321676546 - Jipmer Outpatient Hemodialysis Centre	24,66,465.50	45,55,921.12	24,66,465.50	33,50,141.12

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
SBI - 36098156050 - National Pension Scheme	5,67,999.15		10,261.15	
-SWEEP TO 40149731896-	6,44,376.00		8,19,232.00	
-SWEEP TO 40888436414-	1,79,376.00		1,67,680.00	
-SWEEP TO 40946770147			18,13,620.00	
-SWEEP TO 41758038540-	96,127.00		89,859.00	
-SWEEP TO 41777960030-	9,23,509.00		8,63,291.00	
-SWEEP TO 41796191219-	17,165.00		16,046.00	
-SWEEP TO 41834583410-	19,23,417.00		17,98,000.00	
-SWEEP TO 41911061645			41,44,000.00	
-SWEEP TO 42795018283-	1,88,277.00		1,76,000.00	
-SWEEP TO 42835540014-	1,31,580.00		1,23,000.00	
SWEEP TO 42877612107-	3,80,000.00		-	
SWEEP TO 43618805687--	20,000.00			
SWEEP TO 43723589006 - -	87,000.00			
SWEEP TO 43821690489 -	3,00,000.00			
SWEEP TO 43843659657 -	1,44,000.00			
SWEEP TO 43860640963 -	13,14,000.00			
SWEEP TO 43890500882	36,19,000.00			
SWEEP TO 43911738251 -	26,00,000.00			
SWEEP TO 43931302776 -	7,12,000.00			
SWEEP TO 43950964555	3,09,000.00	1,41,56,826.15		1,00,20,989.15
Students' cafeteria:				
BOB - 98340200000021 - Students' cafeteria CA	1,11,07,457.10		5,18,543.10	
-SWEEP TO 98340300006151	-		-	
-SWEEP TO 98340300008098	-		1,05,50,000.00	
-Sweep A/c No-98340300004961	-	1,11,07,457.10	-	1,10,68,543.10
Total Current Bank Account	**5,91,10,46,643.33**	**5,91,10,46,643.33**	**5,88,33,47,440.41**	**5,88,33,47,440.41**

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
On Savings Accounts	-		-	
IMPREST Account:	-		-	
BOB - 98340100003806 - JIPMER OUTREACH IMPRE-	22,419.90		15,539.00	
BOB - 98340100003808 - UHC Jipmer Imprest-	10,230.40		26,949.40	
BOB - 98340100003809 - Rhc Jipmer Imprest -	15,948.44		5,385.34	
BOB - 98340100003810 - Jipmer Health Education Imp-	51,345.31		21,295.97	
BOB - 98340100003820 - Department of Dietetics Impr-	3,69,120.54		4,35,777.54	
BOB - 98340100003823 - Dept. of Pharcy-Imprest-	6,426.75		589.75	
BOB - 98340100003824 - Dept. Tranfusion Medicine Imp-	10,416.00		20,753.00	
BOB - 98340100003832 - JIP Imprest F&CAO-	7,447.30		15,991.30	
BoB-98340100003833-OG Mother Medal-	19,876.96		16,662.20	
BOB - 98340100003839 - Jip Nephrology Impr-	16,658.00		11,728.00	
BOB - 98340100003933 - Dean Research Impr-	76,263.00		9,21,897.00	
BOB - 98340100004074 - Dept. of Microbilogy-Imp-	16,539.50		22,371.00	
BOB - 98340100004138 - Jipmer Guest House Impr-	690.92		475.92	
BOB - 98340100004153 - Jipmer Purchases Impr-	1,098.00		10,843.00	
BOB - 98340100004371 - COVID 19-IMPREST-	1,08,810.82		1,05,867.82	
BOB - 98340100004396 OPHTHALMOLOGY IMPR-	8,134.12		41,715.19	
BOB - 98340100004397 Medicine Impre-	8,348.99		6,805.37	
BOB - 98340100004406 Pharcology Impr-	17,526.65		16,969.89	
BOB - 98340100004407 Laundry Imp-	2,885.66		2,429.49	
BOB - 98340100004410 Neonatology Impr-	16,475.24		9,197.67	
BOB - 98340100004412 Psychiatry Impr-	4,825.60		12,553.60	
BOB - 98340100004416 Pathology Imp-	24,067.01		22,552.76	
BOB - 98340100004428 Pulmonary Medicine Impre-	1,458.00		10,636.67	
BOB - 98340100004442 Orthopaedics Impr-	15,780.47		15,511.62	
BOB - 98340100004446 Paediatric Surgery Impr-	19,956.83		40.79	
BOB - 98340100004447 PMR Imprest-	4,305.80		11,782.80	
BOB - 98340100004448 Central Stores Impr-	8,505.97		10,728.92	
BOB - 98340100004451 Central Workshop Impr-	24,405.94		21,949.79	
BOB - 98340100004455 Medical Education Impre-	10,73,553.00		5,87,402.00	
BOB - 98340100004477Dertology Impr-	10,727.28		7,948.90	
BOB - 98340100004479 Medical Gastro Impre-	6,428.53		567.79	
BOB - 98340100004489 Obst & Gynae Impre-	15,039.41		10,894.13	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
BOB - 98340100004490 ENT Imprest-	39,273.58		1,396.96	
BOB - 98340100004505 EMS Imprest-	35,835.95		19,408.14	
BOB -98340100004506 - Dietetics-	1,02,548.93		4,857.50	
BOB - 98340100004508 Radio Diagnosis Impre-	13,904.00		10,784.00	
BOB - 98340100004526 Clinical Immumology Impre-	11,453.00		10,216.00	
BOB - 98340100004543 - Transport Impre-	1,785.14		71,831.69	
BOB - 98340100004565 Endocrinology Impr-	14,799.17		14,377.26	
BOB - 98340100004573 - Neurology Impr-	5,192.72		4,542.62	
BOB - 98340100004575 - Plastic Surgery Impre-	8,971.86		6,150.86	
BOB - 98340100004576 - Surgical Gastro Impre-	10,683.72		10,705.53	
BOB - 98340100004582 - Medical Oncology Impre-	7,820.76		942.90	
BOB - 98340100004584 - Anatomy Impres-	17,968.48		9,995.67	
BOB - 98340100004585 - Biostatistics Impres-	11,385.20		9,692.39	
BOB - 98340100004587 Physiology Impres-	15,662.17		12,729.44	
BOB - 98340100004588 - Biochemistry Impre-	10,013.17		11,125.02	
BOB - 98340100004589 - Neurosurgery Imprest-	39,116.75		13,012.95	
BOB - 98340100004607- Urology Imprest-	7,920.76		13,013.68	
BOB - 98340100004608 - Press-	9,497.99		9,876.36	
BOB - 98340100004626 Bio Medical Engineering Impr MR	10,890.86		4,490.86	
BOB - 98340100004645 - Surgery Imprest-	9,593.50		9,857.40	
BOB - 98340100004674 - Surgical Oncology-	16,374.99		14,543.14	
BOB - 98340100004675 - MRD-	64.20		647.20	
BOB - 98340100004686 - Clinical Pharcolo-	21,425.20		19,323.86	
BOB - 98340100004848 Forensic Medicine &Toxico-	17,957.60		8,363.60	
BoB-98340100004849 Cardiolog-	9,568.13		9,495.39	
BOB - 98340100004852 Pediatrics-	23,309.83		22,104.13	
BOB -98340100004865 Linen -	10,854.09		10,607.81	

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
BOB - 98340100004881 Cardiothoracic & VascularSur-	11,285.78		8,802.44	
BOB - 98340100004882 CSSD-	2,357.53		4,737.85	
BOB-98340100004932 Sanitary Unit-	1,31,914.00		1,920.00	
BOB-98340100004989 Nerhrology-	6,111.26		806.26	
BOB-98340100004998 Physical Education-	5,496.54		8,575.02	
BOB-98340100004999 Examination Wing-	12,928.77		2,617.55	
BOB-98340100005009Nuclear Medicine-	12,865.92		10,531.88	
BOB-98340100005015-Radiation Oncology-	13,691.75		10,720.89	
BoB-98340100005018-Dentistry -	16,910.31		10,696.78	
BOB-98340100005039 SENIOR ADMINATRIVE OFFI-	3,657.00		4,211.00	
BoB-98340100005069 DDA -	6,193.08		352.97	
BOB-98340100005080-Blood Centre-	1,284.30		10,548.30	
BoB-98340100005173- Central Library	2,354.77		9,416.48	
BOB-98340100005187 HORTICLUTURE-	10,430.91		10,232.70	
BoB-98340100005197-Bio Medical Waste n-	7,413.00		4,708.00	
BOB-98340100005350 Nursing Dept-	48,569.00		44,584.00	
BoB-98340100005469 Nightangle House-	6,165.00		12,021.00	
BoB-98340100005471 Achoff House -	573.00		8,340.00	
BoB-98340100005485 Lister House -	1,024.00		94.00	
BoB-98340100005504 Osler House	7,641.00		312.00	
BoB-983401000055704 Harvey House Hos-	12,562.00		6,661.00	
BOB 98340100005586 - Medical Superintendent-	8,386.00		5,709.00	
BOB - 98340100005835 -Office Administrative Offi	5,892.00		11,614.00	
BOB - 98340100006252 Yanam Multi-	1,799.00			
BOB - 98340100006293 Robotic Surg-	4,016.00		5,017.00	
BOB-9834010005115-HIS Imprest-	22,635.25		790.50	
BOB-98340200000020 Dean Academic Jipme-	25,91,247.95		26,790.64	
BOB-98340200000023 Admin -1 Recurime-	15,632.60		1,68,019.50	
BOB -98340200000030 Bio Chemistry-	8,637.00		8,637.00	
BOB-98340200000051 Swimming Pool-	24,32,729.68		8,52,278.68	
BOB - 98340200004986 - College of Nursi-	14,079.67		13,590.47	
BOB - 98340200005006 - Anaesthesiology-	32,065.96		4,101.03	
BOB 98340200066858-CENTRAL ANIL HOUSE IMPREST-	15,102.00			
SBI - 10100030312 - Mens Hostel-	8,18,412.35		8,11,458.35	
SBI - 33029631123 - Warden Lister House-k	1,571.89		1,531.89	
SBI - 38323636028 - Imprest Common Facility-	5,81,373.07		5,79,866.87	
		93,54,597.43		54,16,201.03

	CURRENT YEAR 2024-2025		PREVIOUS YEAR 2023-2024	
Other Schemes -Specific Fund				
BOB - 98340100002700 - PPAP	8,486.85		8,257.85	
SBI - 39164063078 -SB	34,39,588.00		46,41,768.00	
SBI - 39054228049 - Health Technology Assessment	48,70,092.00		42,54,011.00	
SBI - 30875431096 - Avian Influenza	2,574.00		2,40,316.00	
SBI - 33333104474 - E15NCD	9,26,660.00		8,90,099.00	
SBI - 37375799852 - Status of Occupational Health in two study Sites	-	92,47,400.85	-	1,00,34,451.85
Students' cafeteria:				
BOB - 98340100002053 - Students' Cafeteria SB	69,28,231.20	69,28,231.20	75,64,198.20	75,64,198.20
SBI -39601171602	85,549.50		83,282.50	
SBI -39144382146	4,82,633.00		4,69,846.00	
BOB - 98340100002290 SHORT COURSE IN BASIC EPIDEMIOLOGY JIP	-		-	
Punjab National Bank-2928000100365981	5,268.00		5,000.00	
CBHI -98340100005819	27,87,172.00	33,60,622.50	23,09,636.00	28,67,764.50
Total Savings Bank Account		**2,88,90,851.98**	2,30,63,032.33	**2,58,82,615.58**
Total Bank Account		**5,93,99,37,495.31**		**5,90,92,30,055.99**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)					
Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.					
ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025					
Annexure -7					
Schedule -11-A-4-a Deposit Balances					(Amount in Rs.)
S. NO.	PARTICULARS	Current Year 2024-2025		Previous Year 2023-2024	
	GIA FD:				
1	FD - 35146855305	-		45,68,90,240.00	
2	FD-SBI-39278127636			2,23,81,465.00	
3	FD-SBI-39278129485			2,23,81,465.00	
4	FD-SBI-39278129644			2,23,81,465.00	
5	FD-SBI-39278129757			2,23,81,465.00	
6	FD-SBI-39278129906			2,23,81,465.00	
7	FD-SBI-39278130070			2,23,81,465.00	
8	FD-SBI-39278130321			2,23,81,465.00	
9	FD-SBI-39278130795			2,23,81,465.00	
10	FD-SBI-39278131110			2,23,81,465.00	
11	FD-SBI-39278131325			2,23,81,465.00	
12	FD-SBI-39278131574			2,23,81,465.00	
13	FD-SBI-39278131891			2,23,81,465.00	
14	FD-SBI-39278132170			2,23,81,465.00	
15	FD-SBI-39278132421			2,23,81,465.00	
16	FD-SBI-39278132646			2,23,81,465.00	
17	FD-SBI-39278133220			1,92,47,988.00	
18	FD-SBI -40091673528 -LC Deposit	-	-	-	81,18,60,203.00

S. NO.	PARTICULARS	Current Year 2024-2025		Previous Year 2023-2024	
	REVENUE FD:				
	BANK OF BARODA				
1	FD - BOB - 05640300057994	1,36,35,133.00		1,27,52,317.00	
2	FD - BOB - 05640300057996	1,36,35,133.00		1,27,52,317.00	
3	FD - BOB - 05640300058004	1,36,35,133.00		1,27,52,317.00	
4	FD - BOB - 05640300058006	1,36,35,135.00		1,27,52,319.00	
5	FD - BOB - 05640300058011	1,36,35,133.00		1,27,52,317.00	
6	FD - BOB - 05640300058017	1,36,35,133.00		1,27,52,317.00	
7	FD - BOB - 05640300058376	1,33,90,325.00		1,24,43,040.00	
8	FD - BOB - 05640300058382	1,33,90,325.00		1,24,43,040.00	
9	FD - BOB - 05640300058387	1,38,90,361.00		1,29,78,252.00	
10	FD - BOB - 05640300058389	1,33,96,631.00		1,24,51,182.00	
11	FD - BOB - 05640300058398	1,33,90,325.00		1,24,43,040.00	
12	FD - BOB - 05640300058400	1,38,90,361.00		1,29,78,252.00	
13	FD - BOB - 05640300058406	1,38,90,361.00		1,29,78,252.00	
14	FD - BOB - 98340300001832	1,81,78,121.00		1,70,01,166.00	
15	FD - BOB - 98340300002001	1,88,19,169.00		1,75,83,411.00	
16	FD - BOB - 98340300002002	1,88,19,172.00		1,75,83,414.00	
17	FD - BOB - 98340300002003	1,88,19,172.00		1,75,83,414.00	
P	FD - BOB - 98340300002004	1,88,19,172.00		1,75,83,414.00	
19	FD - BOB - 98340300002005	1,88,19,172.00		1,75,83,414.00	
20	FD - BOB - 98340300002006	1,88,19,172.00		1,75,83,414.00	
21	FD - BOB - 98340300002007	1,88,19,172.00		1,75,83,414.00	
22	FD - BOB - 98340300002008	1,88,19,172.00		1,75,83,414.00	
23	FD - BOB - 98340300002009	1,88,19,172.00		1,75,83,414.00	
24	FD - BOB - 98340300002016	1,74,69,413.00		1,63,38,344.00	
25	FD - BOB - 98340300002028	1,78,40,980.00		1,63,11,752.00	
26	FD - BOB - 98340300002043	1,74,91,421.00		1,63,58,927.00	
27	FD - BOB - 98340300002046	1,74,90,812.00		1,63,58,357.00	
28	FD - BOB - 98340300002054	1,73,05,704.00		1,61,85,234.00	
29	FD - BOB - 98340300002055	1,78,373.00		1,66,824.00	
30	FD - BOB - 98340300002069	1,71,52,569.00		1,60,42,014.00	
31	FD - BOB - 98340300002070	1,78,109.00		1,66,577.00	
32	FD - BOB - 98340300002571	15,30,28,324.00		14,17,21,555.00	
33	FD - BOB - 98340300002574	3,17,65,689.00		2,94,33,059.00	

S. NO.	PARTICULARS	Current Year 2024-2025		Previous Year 2023-2024	
34	FD - BOB - 98340300002769	1,46,93,051.00		1,37,41,739.00	
35	FD - BOB - 98340300002770	1,46,93,051.00		1,37,41,739.00	
36	FD - BOB - 98340300002771	95,99,022.00		89,77,527.00	
37	FD - BOB - 98340300002841	4,88,814.00		4,57,165.00	
38	FD - BOB - 98340300003208	1,36,35,135.00		1,27,52,319.00	
39	FD - BOB - 98340300003212	1,36,35,133.00		1,27,52,317.00	
40	FD - BOB - 98340300003216	1,36,35,133.00		1,27,52,317.00	
41	FD - BOB - 98340300003219	1,36,35,135.00		1,27,52,319.00	
42	FD - BOB - 98340300003221	1,36,35,133.00		1,27,52,317.00	
43	FD - BOB - 98340300003224	1,36,35,133.00		1,27,52,317.00	
44	FD - BOB - 98340300003226	1,32,77,591.00		1,24,17,924.00	
45	FD - BOB - 98340300003315	1,37,07,320.00		1,28,19,830.00	
46	FD - BOB - 98340300003316	1,37,07,320.00		1,28,19,830.00	
47	FD - BOB - 98340300003319	38,76,125.00		36,25,163.00	
48	FD - BOB - 98340300003320	38,76,125.00		36,25,163.00	
49	FD - BOB - 98340300003493	1,38,90,361.00		1,29,78,252.00	
50	FD - BOB - 98340300003497	1,38,90,361.00		1,29,78,252.00	
51	FD - BOB - 98340300003500	1,38,90,361.00		1,29,78,252.00	
52	FD - BOB - 98340300003506	1,38,90,361.00		1,29,78,252.00	
53	FD - BOB - 98340300003508	1,38,90,361.00		1,29,78,252.00	
54	FD - BOB - 98340300003510	1,38,90,361.00		1,29,78,252.00	
55	FD - BOB - 98340300003513	1,03,40,602.00	91,79,13,538.00	96,61,588.00	85,58,34,580.00
	STATE BANK OF INDIA				
1	FD -SBI 33476012283	1,82,92,394.00		1,71,00,414.00	
2	FD -SBI 34350713769	1,82,94,850.00		1,71,01,927.00	
3	FD -SBI 34371206881	1,84,77,802.00		1,72,72,949.00	
4	FD -SBI 34371260419	1,84,77,802.00		1,72,72,949.00	
5	FD -SBI 34371261388	1,84,77,802.00		1,72,72,949.00	
6	FD -SBI 34371267346	1,84,77,802.00		1,72,72,949.00	
7	FD -SBI 34371268282	1,84,77,802.00		1,72,72,949.00	
8	FD -SBI 34371269503	1,84,77,802.00		1,72,72,949.00	
9	FD -SBI 34371271216	1,84,77,802.00		1,72,72,949.00	
10	FD -SBI 34416952071	1,82,67,856.00		1,70,76,693.00	
11	FD -SBI 34417081011	1,84,05,161.00		1,72,05,045.00	
12	FD -SBI 34417086199	1,84,05,161.00		1,72,05,045.00	
13	FD -SBI 34426609370	1,80,89,878.00		1,69,10,320.00	
14	FD -SBI 34426620565	1,80,89,878.00		1,69,10,320.00	
15	FD -SBI 34434926208	1,80,89,878.00		1,69,10,320.00	

S. NO.	PARTICULARS	Current Year 2024-2025		Previous Year 2023-2024	
16	FD -SBI 34488054583	1,82,24,883.00		1,70,36,522.00	
17	FD -SBI 34634834671	1,84,41,384.00		1,72,38,906.00	
18	FD -SBI 34634840721	1,84,41,384.00		1,72,38,906.00	
19	FD -SBI 34634843347	1,84,41,384.00		1,72,38,906.00	
20	FD -SBI 34663886604	1,86,24,081.00		1,74,09,690.00	
21	FD -SBI 34863772075	1,71,64,372.00		1,71,64,372.00	
22	FD -SBI 34911266056	1,72,26,375.00		1,72,26,375.00	
23	FD -SBI 34966424248	1,68,60,780.00		1,68,60,780.00	
24	FD -SBI 35066853270	1,54,81,535.00		1,54,81,535.00	
25	FD -SBI 35168376428	1,72,90,296.00		1,61,62,875.00	
26	FD -SBI 35935360610	1,42,38,732.00		1,42,38,732.00	
27	FD -SBI 35935360676	1,42,38,732.00		1,42,38,732.00	
28	FD -SBI 35937298208	1,42,38,763.00		1,42,38,763.00	
29	FD -SBI 35937298729	1,42,38,763.00		1,42,38,763.00	
30	FD -SBI 35940692139	1,42,38,763.00		1,42,38,763.00	
31	FD -SBI 35940692582	1,42,12,944.00		1,42,12,944.00	
32	FD -SBI 35948169290	1,54,81,535.00		1,54,81,535.00	
33	FD -SBI 35951914912	1,54,81,535.00		1,54,81,535.00	
34	FD -SBI 35951914990	1,54,81,535.00		1,54,81,535.00	
35	FD -SBI 35951915064	1,54,81,535.00		1,54,81,535.00	
36	FD -SBI 35961174678	1,54,81,535.00		1,54,81,535.00	
37	FD -SBI 35961175015	1,54,81,535.00		1,54,81,535.00	
38	FD -SBI 35961175173	1,54,81,535.00		1,54,81,535.00	
39	FD -SBI 36496573809	1,50,50,736.00		1,40,11,220.00	
40	FD -SBI 36496656584	1,50,50,736.00		1,40,11,220.00	
41	FD -SBI 36496656710	1,50,50,736.00		1,40,11,220.00	
42	FD -SBI 36496656754	1,50,50,736.00		1,40,11,220.00	
43	FD -SBI 36496656936	1,50,50,736.00		1,40,11,220.00	
44	FD -SBI 36496657088	1,50,50,736.00		1,40,11,220.00	
45	FD -SBI 36496657146	1,50,50,736.00		1,40,11,220.00	
46	FD -SBI 36496657259	1,50,50,736.00		1,40,11,220.00	
47	FD -SBI 36496657362	1,50,50,736.00		1,40,11,220.00	
48	FD -SBI 36496657453	1,50,50,736.00		1,40,11,220.00	
49	FD -SBI 36496657555	1,50,50,736.00		1,40,11,220.00	
50	FD -SBI 36496657645	1,50,50,736.00		1,40,11,220.00	
51	FD -SBI 36496657769	1,50,50,736.00		1,40,11,220.00	
52	FD -SBI 36496657894	1,50,50,736.00		1,40,11,220.00	

S. NO.	PARTICULARS	Current Year 2024-2025		Previous Year 2023-2024	
53	FD -SBI 36496658082	1,50,50,736.00		1,40,11,220.00	
54	FD -SBI 36496782166	1,50,50,736.00		1,40,11,220.00	
55	FD -SBI 364968086960	1,50,50,736.00		1,40,11,220.00	
56	FD -SBI 38658446116	12,70,46,819.00		11,88,21,085.00	
57	FD -SBI 38658530926	12,70,46,819.00		11,88,21,085.00	
58	FD -SBI 38658531679	12,70,46,819.00		11,88,21,085.00	
59	FD -SBI 38659134648	12,70,46,819.00		11,88,21,085.00	
60	FD -SBI 38659135574	12,70,46,819.00		11,88,21,085.00	
61	FD -SBI 38662844225	5,79,89,386.00		5,42,34,823.00	
62	FD -SBI 35732661903	7,51,60,594.00		7,02,94,270.00	
63	FD -SBI 36496656834	1,50,50,736.00		1,40,11,220.00	
64	FD -SBI 39596789074	1,36,97,838.00		1,28,04,665.00	
65	FD-SBI 35837235546	54,73,223.00	1,70,37,21,970.00	54,73,223.00	1,60,92,81,402.00
	HOSTEL FD				
1	FD - 31006699568 - Black Well House	4,22,837.00		4,22,837.00	
2	FD - 31165110732 - Curie House	13,46,774.61		12,17,220.61	
3	FD - 31622805953 - Osler House			2,61,744.00	
4	FD - 31622814072 - Osler House			3,13,860.00	
5	FD - 31622815225 - Osler House			1,94,191.00	
6	FD - 31622815860 - Osler House			1,94,189.00	
7	FD - 31622817459 - Osler House			2,33,040.00	
8	FD - 31622818522 - Osler House			3,05,496.00	
9	FD - 31622819897 - Osler House			2,26,504.91	
10	FD - 33372984950 - Osler House			9,41,042.00	
11	FD - 33372986673 - Osler House			9,41,042.00	
12	FD - 33372992916 - Osler House			9,41,042.00	
13	FD - 33372994038 - Olser House		17,69,611.61	9,41,042.00	71,33,250.52

S. NO.	PARTICULARS	Current Year 2024-2025		Previous Year 2023-2024	
	ENDOWMENT FD				
1	FD - SBI - 36809387186	55,000.00		55,000.00	
2	FD - SBI - 36983962292	84,060.00		78,579.00	
3	FD - SBI - 37355024650	50,000.00		50,000.00	
4	FD - SBI - 37355033494	50,000.00		50,000.00	
5	FD - SBI - 37355033799	50,000.00		50,000.00	
6	FD - SBI - 36228679474	1,00,000.00		1,00,000.00	
7	FD - SBI - 36553807632	50,000.00		50,000.00	
8	FD - SBI - 34951788064	27,500.00		27,500.00	
9	FD - SBI - 37059515453	55,000.00		55,000.00	
10	FD - SBI - 38483956882	1,57,000.00		1,57,000.00	
11	FD - SBI - 35598120099	50,000.00		50,000.00	
12	FD - SBI - 34965760553	26,52,117.00		26,52,117.00	
13	FD - SBI - 38483957819	1,05,000.00		1,05,000.00	
14	FD - SBI - 36228679746	50,000.00		50,000.00	
15	FD - SBI - 36606408948	55,000.00		55,000.00	
16	FD - SBI - 36606409077	55,000.00	36,45,677.00	55,000.00	36,40,196.00
	EMD FD	11,04,000.00		11,04,000.00	
	FDR Purchase Section	4,16,375.00		4,16,375.00	
	Fixed Deposit CME- Radiology -40450875812	2,12,821.00		2,12,821.00	
	Specfic Research Fund-34190296303	1,52,64,169.00	1,69,97,365.00	1,42,68,863.00	1,60,02,059.00
	Total	**2,64,40,48,161.61**	**2,64,40,48,161.61**	**3,30,37,51,690.52**	**3,30,37,51,690.52**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025

Annexure -8

Schedule -11-A.1.a Inventories

(Amount in Rs.)

	Current Year 2024-2025		Previous Year 2023-2024	
1. Inventories:				
a) Stores and Spares				
Disinfectant Store	39,98,324.38		73,54,098.21	
Surgical Dressing Store	56,38,121.70		1,00,40,749.12	
Chemical Store	12,21,933.87		15,65,609.31	
Tablet Store	2,85,75,701.06		3,68,54,346.51	
Injection Store	6,92,78,308.54		6,93,98,014.00	
IV Fluid Stores	69,66,246.89		87,66,336.75	
Sterilize	5,02,32,165.00		2,68,31,792.00	
Linen	1,83,67,868.00		2,67,43,413.00	
Diesel	3,01,595.00		3,35,240.00	
Dietetics	15,72,236.00		20,37,861.00	
Laundry	27,73,589.31		17,08,568.84	
LPG Cylinder	5,959.50		33,694.00	
Radio diagnosis	51,93,808.00		1,07,39,569.00	
Medical Gastroenterology	99,66,896.00		38,10,439.00	
Central Stores- Instrumental	1,65,88,248.53		50,25,615.13	
Central Stores -Sanitary Items	60,55,702.70		69,17,193.00	
Central Stores- Sutures	6,18,30,005.53		2,25,96,607.39	
Central Stores- Workshop	41,60,942.00		17,49,537.00	
Central Stores- Instrumental -Surgical	1,53,21,856.41		2,11,96,954.73	
Analytical lab	16,88,702.58		14,50,999.44	
Total		**30,97,38,211.00**	-	**26,51,56,637.43**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025

Annexure -9

Schedule -11-B-1-c- Other Loans & advances

(Amount in Rs.)

	Current Year 2024-2025		Previous Year 2023-2024	
1. Loans:				
c) Other (specify)		-	-	-
1. HLL Advance				
-Jipmer			-	
-Karaikal	20,32,751.94	20,32,751.94	20,32,751.94	20,32,751.94
2. CPWD Advance				
-Electrical Advance				
Advance	38,09,29,563.00		30,39,96,016.00	
Payable	(2,20,021.00)	38,07,09,542.00	(9,77,12,736.00)	23,09,75,417.00
-Civil Advance				
Advance	1,26,85,01,542.00		91,92,35,341.00	
Payable	(3,39,12,200.00)	1,22,00,14,916.00	(94,32,605.00)	88,49,68,549.00
-Karaikal				
Advance	1,84,87,06,642.00		1,40,22,86,961.00	
Payable	(46,50,304.00)	1,84,40,56,338.00	(18,42,369.00)	1,40,05,86,642.00
-Civil Yanam	79,28,398.00	79,28,398.00	1,16,97,614.00	1,16,97,614.00
2. GEM Advance -Machinery Equipment		11,81,92,773.00		
3. Power sub Station		9,51,00,000.00		9,51,00,000.00
Total		**3,66,80,34,718.94**		**2,62,53,60,973.94**

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF BALANCE SHEET AS AT 31.03.2025

Annexure -10

Schedule -11-B-1-c-3- Deposit

(Amount in Rs.)

PARTICULARS	Current Year 2024-2025		Previous Year 2023-2024	
Deposits				
Information & Technology (BSNL)	71,605.47		71,605.47	
Oxygen Cylinder Deposit	5,950.00		5,950.00	
Advance for Enhancement of Electricity Connection	26,21,000.00		26,21,000.00	
Gas Cylider Deposit	93,200.00		93,200.00	
Electricty Deposit -Karaikal	16,36,195.00		16,36,195.00	
Electricty Deposit -Kurichikuppam	19,16,000.00		19,16,000.00	
Electricty Deposit -JIRHC Ramanathapuram	7,00,000.00		7,00,000.00	
Electricty Deposit -yanam	30,60,600.00		30,60,600.00	
Water Deposit -Karaikal	20,000.00		20,000.00	
Water Deposit -Yanam	7,26,000.00	1,08,50,550.47	7,26,000.00	1,08,50,550.47

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD AS ON 01.04.2024 to 31.03.2025

Annexure -11

Schedule-12 Income From Sales/Services

(Amount in Rs.)

	Current Year 2024-2025		Previous Year 2023-2024	
Sale of Application & Exam Fees (Academic Section)				
Through Cash Collection:				
- Academic Fees	61,38,771.53		16,39,146.00	
- Admission Fees	-		7,680.00	
- Application Fees	15,161.00		-	
- Penalty Fees	2,25,89,200.00		2,51,68,591.00	
- Library Fees -FINE	24,825.00		26,930.00	
- TLD Badge Fee	1,480.00		790.00	
- ID Cards	55,282.00		86,550.00	
- Observership fee	32,000.00	2,88,56,719.53	3,45,050.00	2,72,74,737.00
SBI Collect:				
- Academic Fees	3,60,65,422.16		3,33,44,016.00	
- Medical Education Fees	24,60,530.00		22,34,210.00	
- Division of Research Fees	12,88,100.00		12,84,850.00	
- Mess Fees	-		53,47,469.00	
- POS Collection	1,30,27,525.11		1,77,49,941.27	
- Resident Recruitment Fees	1,58,750.00		2,41,950.00	
- Hostel Fees	2,14,76,060.01	7,44,76,387.28	3,20,60,561.00	9,22,62,997.27
Income From Sales and Services:				
Application Income (Admin)				
- RTI Fees	996.00		2,325.00	
- Tender Application fees	5,72,238.00		3,29,117.40	
- Recruitment Fees	44,750.00		23,30,283.00	
- EOI Charges	1,260.00	6,19,244.00	420.00	26,62,145.40

	Current Year 2024-2025		Previous Year 2023-2024	
Hospital Income				
- Hospital Collection	2,51,24,508.00		1,69,80,943.00	
- ANISHI Income	-		10,941.00	
- PMJAY Income	29,05,61,810.00		5,05,65,635.00	
- TNCMCHIS Income	15,52,85,905.00		17,76,07,185.00	
- CGHIS Income	16,20,270.00			
- Cochlear implant TNCMCHIS Income	-	47,25,92,493.00	82,97,842.00	25,34,62,546.00
Rental Income				
- License Fee From Quarters and Shop	21,58,338.00		11,76,817.00	
- License Fee from salary	46,54,502.00		37,83,342.00	
- Water Charges from salary	55,178.00		46,286.00	
- Electricity Charges	6,28,165.00		-	
- Bus Rental Charges	82,800.00		2,32,900.00	
- Auditorium Rent	27,21,000.00		16,45,000.00	
- Food court	60,000.00		1,35,000.00	
- Ground usage	35,000.00		86,500.00	
- Community Hall Rent	10,28,595.70		4,38,712.00	
- Guest House Rent	1,92,500.00		1,91,950.00	
- Staff Car Usage	24,000.00	1,16,40,078.70	36,400.00	77,72,907.00
Scrap Income				
- Sale of Scarp	21,75,301.00	21,75,301.00	66,52,714.00	66,52,714.00
Other Income				
- Post Function Washing Charges	87,022.00		1,57,974.00	
- Other Income	66,83,419.19		16,99,981.02	
- Swimming Pool Fees	15,80,451.00		8,57,900.00	
- Notice period salary	75,29,865.00	1,58,80,757.19		27,15,855.02
	60,62,40,980.70	60,62,40,980.70	39,28,03,901.69	39,28,03,901.69

FORM OF FINANCIAL STATEMENTS (NON – PROFIT ORGANISATIONS)

Name of Entity : JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

ANNEXURE FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD AS ON 01.04.2024 to 31.03.2025

Annexure -12

Schedule -21 Other Adminstrative Expenses

(Amount in Rs.)

	Current Year 2024-2025		Previous Year 2023-2024	
Personnel Service and Benefits:				
- Wages	9,17,18,565.00		9,86,36,261.00	
- Contribution to Provident Fund	1,10,63,177.00		1,21,66,827.00	
- Contribution to State Insurance	15,78,500.00	10,43,60,242.00	-	11,08,03,088.00
	-			
Linen for patients	2,54,75,220.00	2,54,75,220.00	1,25,90,668.00	1,25,90,668.00
	-			
Research activities	-			
-Intramural Research	1,55,38,505.00		1,03,34,645.00	
- Scholarship and stipend	7,88,882.00		43,62,621.00	
-Learning Resource Allowance	-	1,63,27,387.00	5,04,64,932.00	6,51,62,198.00
	-			
Journals & Annual Journal-Annual Subscription	7,30,13,736.41	7,30,13,736.41	6,08,30,353.59	6,08,30,353.59
	-			
Domestic Travel Expenses	4,74,53,624.00	4,74,53,624.00	6,07,33,491.00	6,07,33,491.00
	-			
Foreign Travel Expenses	1,06,70,600.00	1,06,70,600.00		
	-			
Office Expenses:	-			
- Electricity Charges	27,60,37,834.00		24,33,34,147.00	
- Water Charges	6,000.00			
- Telephone / Internet Charges	71,97,974.00		61,91,372.56	
- Postal Charges	78,377.00			
- Imprest account	2,35,65,435.44		2,00,72,521.00	
- Other charges	1,25,79,749.00		3,13,39,825.00	
-Security Service Charges	18,42,43,550.00		17,50,87,823.00	
-House Keeping Charges	26,12,64,153.57		23,41,14,412.00	
-Facility & Management	27,05,27,850.00		22,42,60,783.00	

	Current Year 2024-2025		Previous Year 2023-2024	
-Entrance Examination (Academic/Admin)	1,24,91,593.00		99,93,735.00	
- Other Outsourcing Charges	17,77,83,961.50	1,22,57,76,477.51	5,41,59,536.00	99,85,54,154.56
	-		-	
Rent,Rates and Taxes for Land and Buliding:	22,88,746.00	22,88,746.00	14,93,573.00	14,93,573.00
	-			
Royalty	-	-		
	-	-		-
Printing and Publication	1,87,80,904.00	1,87,80,904.00	1,20,86,340.00	
	-	-		-
Digital equipment	5,61,309.00	5,61,309.00		
	-	-		
Supplies and Materials:	-			
- Drugs	34,28,82,162.00		39,27,49,596.00	
- Surgical Items	28,23,94,677.00		37,35,74,276.00	
- Catguts/Suture Material	14,26,02,235.00		6,04,03,103.00	
- Medical Oxygen & other gas	1,16,11,288.00		1,70,30,885.00	
- Reagent Kits,Chemical,Glasswares	18,74,85,200.00		21,53,37,279.00	
- Contrast	1,46,06,921.00		43,68,254.00	
- MRAMAS(Robotic Surgery)	8,26,95,104.00		3,50,71,384.00	
- Contingent Stores	5,10,40,870.00		2,19,72,302.00	
- Other Expenses	4,66,01,025.67		4,39,55,527.00	
- Covid 19	-	1,16,19,19,482.67	20,04,794.00	1,16,64,67,400.00
Cost of Ration	3,92,41,380.00	3,92,41,380.00	4,21,42,434.00	4,21,42,434.00
		-		-
Petrol, Oil & Lubricants			-	
-Motor Vehicle	16,48,457.00		44,40,110.00	
-Generator	12,61,850.00		14,62,170.00	
-Boiler	43,10,167.64	72,20,474.64	58,73,680.00	1,17,75,960.00
Advertisement charges	51,60,610.00	51,60,610.00	62,71,042.00	62,71,042.00
	-			
Minor work and maintenance	15,95,28,576.00	15,95,28,576.00	19,62,50,418.00	19,62,50,418.00
	-			
Professional services	-			
-Legal Fee	55,00,510.00		39,27,730.00	
-Annual & Supplementary Exams	34,50,487.00		35,22,896.00	
-Medical Education	3,22,282.00		12,22,474.00	
-External Experts-Guest Lectuer/vetting of OT	12,12,171.00			
-Audit Fee	32,97,296.00		23,68,562.00	
-Others	5,66,869.00	1,43,49,615.00		1,10,41,662.00

	Current Year 2024-2025		Previous Year 2023-2024	
	-			
Repairs and maintenance	-			
-AMC & CAMC for Machinery	10,20,68,160.71		9,61,09,242.73	
-Repair and Machinery & Equipment	1,17,25,834.00	11,37,93,994.71	1,27,01,232.00	10,88,10,474.73
	-			
Information Technology Expenses	2,28,36,218.00	2,28,36,218.00	47,02,241.00	47,02,241.00
	-			
Hostel Expenses:	42,03,757.00	42,03,757.00	1,06,65,688.00	1,06,65,688.00
	-			
Revenue Expenses:	-	-		-
- Honorarium	6,49,531.00		1,93,376.00	
- Programme Expenses	34,40,120.16		34,97,966.34	
- Refund	47,783.00		97,712.00	
- Sundry Expenses	1,08,045.00		1,32,964.00	
- Hiring Charges	15,19,054.72			
- Other Expenses	-	57,64,533.88	2,74,422.00	41,96,440.34
	-			
TNCMCHIS- Insurance Expenses	-			
-Consumable	4,54,12,870.00		5,44,39,991.47	
-Salary	2,74,994.00		39,98,556.00	
-Telephone Expenses	1,53,189.00		2,52,599.00	
-Printing & Stationery	49,099.00		2,95,877.66	
-Camp Expenses	60,928.00		1,59,743.48	
-Repairs & Maintenance Charges	15,898.00			
-Other expenses	-		30,393.00	

	Current Year 2024-2025		Previous Year 2023-2024	
-Implant	51,520.00		2,82,849.00	
-Investigation Charges	-		26,020.00	
-Incentives	1,95,61,922.00	6,55,80,420.00	1,72,64,047.00	7,67,50,076.61
Students' Cafeteria:			-	
-Salary	18,000.00		-	
-Petty Expenses	-		12,626.00	
-Vendor Payment	-	18,000.00	2,56,35,386.00	2,56,48,012.00
	-	-	-	-
PMJAY Schemes:			-	
- Consumable	2,94,88,075.95	2,94,88,075.95	34,32,157.82	34,32,157.82
	-	-		-
CGHS Schemes:				
- Consumable	4,65,063.00	4,65,063.00	-	
	-			
Other Expenses:				
-Conference Expenses	43,13,381.00		58,12,082.00	
-Bank Charges	78,144.99		65,565.17	
-Bank Charges - LC Charges	-		13,500.00	
-ESI admin charges	23,002.00		-	
-GST Interest	-		12,22,521.00	
-GST TAX	-	44,14,527.99	17,98,145.00	89,11,813.17
		3,15,86,92,974.76	**2,99,93,19,685.82**	**2,98,72,33,345.82**

JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

Schedule 24 – Significant Accounting Policies (2024-25)

A. Organisation and Nature of Activities:

Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) is an Institute of National importance and a tertiary care referral hospital, an autonomous body passed by an Act of Parliament on 14th July 2008 under the direct administrative control of the Ministry of Health and Family Welfare, Government of India.

Functions of JIPMER: JIPMER is well recognized for its dedication to patient care, teaching and research in the area of medical and allied services. It is one of the Public Sector Institutions in the country dedicated to teaching a variety of courses covering medical, dental, nursing and allied health science disciplines and at various levels including undergraduate, postgraduate and post-doctoral courses.

In addition, the Institute provides patient care of the highest order in nearly all specialties and super specialties. Most of the patient care services are provided free of cost while maintaining quality and safety. The success of the Institute in providing the best possible treatment even to the least affordable section of the society is its unique feature.

In addition to teaching and patient care, JIPMER had contributed to nation building over the years through its engagement in Biomedical Research.

B. Financial Statement Presentation:

The accompanying financial statements have been prepared on accrual basis of accounting in accordance with the generally accepted accounting policies based on the guidelines contained in the Manual of Instruction of Audit of Autonomous Bodies (Non-Profit Organisations) Volume II of Comptroller and Auditor General of India.

1. AS – 1: Disclosure of Accounting Policies:

The Financial Statements are prepared under historical cost convention and books of accounts are maintained on accrual basis as a going concern.

2. AS – 2: Valuations of Inventories:

Inventories are valued at Lower of Cost or Net Realisable Value. Cost is ascertained on FIFO basis in accordance with the method of valuation, prescribed by the Institute of Chartered Accountants of India. Stock-in-trade is valued at Cost of Purchase and includes all expenses incurred in bringing the material to their present location and condition. The break-up of Purchases, Opening Stock and Closing Stock in respect of Inventories is reflected in Schedule-11 under the head "Current Assets, Loans and Advances"

3. AS – 5: Net Profits or Loss for the period, Prior Period Items and Changes in Accounting Policies:

a) Surplus/Deficit for the period:

All Items of Income and Expense in the period are included in Income and Expenditure Account, unless specifically mentioned elsewhere in the Financial Statements or if required by an Accounting Standard.

b) Prior Period Items:

Sl. No.	Heads of Account	Amount	
		Dr.	Cr.
1	Linens for Patients	16,668.00	--
2	Intramural Project Work	31,05,115.00	--
3	Journals and Online Journals	88,158.00	
4	Water Charges	25,910.00	--
5	Telephone/ Internet	1,93,087.00	
6	Postal Charges	7,35,439.00	--
7	Imprest Expenses	1,00,726.00	--
8	Other Charges	8,97,762.00	--
9	Security Charges	1,14,99,828.00	
10	Housekeeping Charges	4,07,59,826.43	--
11	Other Outsourcing Charges	41,82,013.00	
12	Printing and Publication	18,326.00	--
13	Digital Equipment	14,21,897.00	--
14	Drugs	2,22,40,651.00	
15	Surgical Items	1,68,97,208.00	--

Sl. No.	Heads of Account	Amount	
		Dr.	Cr.
16	Medical Oxygen & Other Gas	4,39,923.00	--
17	Reagents Kits, Chemicals, Glass wares, etc.,	1,02,56,064.00	
18	Contingent Stores & Hospital Waste	1,22,250.00	--
19	Other Expenses	26,98,242.33	--
20	Cost of Ration	50,69,988.00	--
21	Motor Vehicle Maintenance	28,800.00	--
22	CMC Charges-A Residential CPWD	10,36,761.00	
23	Repairs and Maintenance- Non- Resident	66,87,755.00	
24	Legal fee	39,66,300.00	--
25	Income-Tax Hearing Professional charges	82,600.00	
26	Other Expenses	3,09,166.00	
27	AMC & CMAC for Machinery	8,61,78,053.29	46,24,125.00
28	Wages	65,10,330.00	
29	Repairs- Machinery and Equipment	22,86,695.00	
30	Critical Care Expenses	1,45,24,000.00	
31	Computer Maintenance	5,500.00	
32	Consumables- CGHS	1,83,855.00	
33	Consumables- PMJAY	1,34,41,225.05	
34	Consumable – TNCM Insurance	5,84,69,174.00	
35	Implants- PMJAY	96,600.00	
36	Implants-TNCM Insurance	10,70,000.00	
37	ESI Payments	2,64,50,335.00	
38	General Provident Fund	80,00,000.00	
39	Student Cafeteria	7,48,181.00	
40	Department Advances	75,00,155.00	
41	CEGHS	4,634.00	

Sl. No.	Heads of Account	Amount	
		Dr.	Cr.
42	Repairs and Maintenance- CPWD		31,15,400.00
43	Employees Provident Fund	2,61,69,388.00	
44	3DTSO Centric C-Arm with 3D Volumetric Rendering		26,75,643.00
45	Goods and Service Tax	90,26,884.00	1,17,258.00
46	House Building Advance		1,271.00
47	Interest Income	1,94,44,569.82	
48	Salary		83,10,694.00
49	University Development Fee		6,62,000.00
50	Interest on Income-tax refund		10,22,177.00
51	Printing and Stationery- TNCM insurance	4,702.00	
52	Repairs and Maintenance- TNCM Insurance	3,122.00	
53	Revenue Expenses	10,46,321.00	
54	Arrears Depreciation	14,92,43,334.00	
55	Patents and Copy Rights		5,62,300.00
56	Prior Period Income-Outstanding Expenses		27,18,447.00
57	Rent Payable		7,05,661.00
	Total	**56,32,87,521.92**	**2,45,14,976.00**

The Prior Period expenses are those expenses incurred during the earlier years but payments were made during the Current Financial Year (2024-25) for which no outstanding liability was provided for in previous years. Hence these are booked under Prior Period Expenses.

c) Accounting Policies:

There are no changes in Accounting Policies of the Institution from that of previous year.

4. AS – 9: Revenue Recognition:

The Income from Sale of Services is recognized at the point of completion of service to the patient and income in respect of Sale of Application Forms & Fee Collection from Students are recognized at the point of receipt.

5. AS – 10: Accounting for Property, Plant and Equipments.

The Gross Block of Fixed Assets are shown as Cost of Acquisition, which includes Taxes, Duties (Net of Exchange differences, credits available) and other identifiable Direct Expenses, incurred up to the date the asset is put to use.

Depreciation is provided on Written Down Value Method as per the rates prescribed in the Income Tax Act, 1961. Depreciation on Assets purchased and put to use for more than 180 days during the year are eligible for full depreciation, and Assets purchased and put to use for less than 180 days are eligible for 50% of the normal depreciation.

6. AS – 11: Accounting for effects of Changes in Foreign Exchange Rates:

Transactions denominated in Foreign Currency towards purchase of assets are made at the exchange rate, prevailing at the date of transaction. No exchange difference had been recognized in accounts.

7. AS – 12: Accounting for Government Grants:

JIPMER is receiving the following three types of Grants:

- Grant-in-Aid for Salary
- Grant-in-Aid for General
- Grant-in-Aid for Creation of Capital Assets..

During the Financial year, Institute had received the following Grants from Government of India.

	(Rs. in Crores)
➢ Salary Grant	890.00
➢ General Grant	345.00
➢ Capital Grant	125.00
	1,360.00

Out of Salary Grant Received, JIPMER had returned Salary Grant of a sum of Rs.18.03 Crores to Government of India. After remittance of the same, available Salary Grant was Rs.871.97 Crores.

Under accrual basis of accounting, the funds available for the financial year 2024-25 with Institution was Rs.1,584.46 Crores, out of which Rs.1341.97 Crores represents Grant received from Government of India and Rs.242.49 Crores as brought forward from previous Financial Year. Out of available Funds, the Institute had utilized Rs.1,218.08 Crores towards Revenue Expenses, which was transferred to Income and Expenditure Account for matching expenses incurred. and a sum of Rs.111.72 Crores was incurred towards Capital Expenditure, which was transferred to Capital Fund.

Upto financial year 2023-24, Utilization of Grants as per Annual Accounts was on the basis of Accrual basis of Accounting, whereas Utilization Certificate was prepared on cash basis of accounting and payments of Advances were also considered as Utilization.

As per GFR 12-A Rule, unadjusted advances should not be considered as Utilization. So, in order to match utilization as per GFR rules and to adopt same methodology regarding Utilization of Grants both in Annual accounts and Utilization Certificate, we have made the following adjustments in books of accounts:

- The opening balance of Unutilized General Grants as per Annual Accounts was Rs.64.22 Crores and Grants received during the relevant period was Rs.345.00 Crores, out of which Rs.346.12 crores was utilised towards expenditure. The Unadjusted Advances as on 31.03.2025 was Rs.36.44 crores and Liability towards expenses was Rs.14.21 Crores, Hence, the excess of Rs.40.86 Crores was transferred to Capital Fund.

- The opening balance of Unutilized Capital Grants as per Annual Accounts was Rs.178.27 Crores and Grants received during the year was Rs.125 Crores, out of which Rs.111.72 was considered as utilized. The closing balance of unadjusted Capital Advances as per books was Rs.335.42 Crores and Liability towards Assets were Rs.1.89 Crore. In order to bring uniformity between Accounts and Utilisation Certificate, we have transferred Rs.141.99 Crores from Capital Fund to Unutilized Capital Grants.

In addition to Regular Grants, the Institute also received the following Grants:

		(Rs. in Crores)
Swachhta Action Plan	--	10,00,00,000
CBHI	--	67,50,000
CBHI- Interest	--	55,050
PM-ABHIM Scheme	--	40,00,00,000

The Institute also received certain Earmarked Funds for specific purposes which were directly credited to such Fund Accounts and utilizations were directly debited to the concerned Funds.

8. AS – 13: Accounting for Investments:

The Funds had been invested in Short Term Bank Deposits pending Utilization and all deposits are treated as Current Investments only.

9. AS – 15: Employee Benefits:

Provision for Employees Retirement benefits have been provided in accounts on the basis of Actuarial Valuation Report dated 15/10/2025 and 28/10/2025. The following are the Liabilities towards retirement benefits as on 31.03.2025:

		(Rs. in Crores)
i.	Pension Liability	919.73
ii.	Employees Gratuity Scheme (OPS)	167.87
iii.	Employees Gratuity Scheme (NPS)	145.53
iv.	Leave Encashment	188.45
		1,421.58

10. AS – 22: Accounting for Taxes on Income.

JIPMER, being a Health care and Educational Institution existing for Solely Educational & Health Care purposes and not for the purposes of profit and substantially financed by the Government, is entitled for exemption u/s 10(23C) (iiiab) of the Income-tax. Hence, this Accounting Standard is not applicable.

29/11/25

VARSINI ARUN, IA&AS
SENIOR FINANCIAL ADVISOR

वरिष्ठ वित्त सलाहकार
Senior Financial Advisor
जिपमेर / JIPMER
धन्वंतरि नगर / Dhanvantri Nagar
पुदुच्चेरी / Puducherry-605 006

JAWAHARLAL INSTITUTE OF POSTGRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER), PONDICHERRY.

Schedule 25 – Notes forming part of the Accounts (2024-25)

1. The General Provident Fund Account (B/S) is prepared separately with exclusive Balance Sheet for the same.

2. Corpus Fund is separately collected from students at 5% of Tuition Fees and the same is disclosed under Schedule 3-A.

3. Interest earned on Bank Deposits (made out of GIA Funds) to the tune of Rs.8,04,33,268.82 and Interest received from HLL to the extent of Rs.99,05,450.00 was credited to Interest Due to Government A/c, out of which Rs.89,18,48,931 was refunded along with Opening Balance of Interest of Rs.81,54,30,472.18 to Govt. of India.

4. During the year a sum of Rs.12,02,69,400/- was refunded to Govt of India, towards Advance money returned by CPWD.

5. In order to bring more transparency, Specific Research Funds are now being reconciled Project-wise with the relevant Bank accounts. Due to this exercise, Project-wise Utilization of their available funds could be easily verified.

6. Arrears of Depreciation of Rs.14,92,43,334/- in respect of Building-Non-Residential, Furniture and General Equipment have been provided in Accounts, based on depreciation calculated as per Income-tax Act, 1961.

7. During the Financial year 2018-19, the Government of Puducherry had transferred 50.04 acres of Land at Sedarapet Revenue Village pertaining to R.S.No.153 to 166,169 to 174 to JIPMER for setting up on Institute of Organ Transplantation and Institute of Advanced Trauma Care and Rehabilitation with Air Ambulance facility by JIPMER.

   On the said Land, JIPMER had incurred Expenditure towards Construction of Compound Wall for Rs.8,54,53,597, Soil Investigation for Rs. 71,590 & Topographical Surveying for Rs. 49,981. The Cost of Land based on the Value of Department of Revenue, Puducherry was Rs.4,38,348/-

WHEREAS, the Council of Ministers of Govt. of Puducherry, had decided vide resolution No.2021/M02/04. DT.27.11.2021 passed on 25.11.2021 cancelled the Government Order Ms.no.01/Ind & com/A6/2018-19 DT.18.09.2018, for transfer of land. the admissibility and accounting treatment of the assets became contingent upon the final decision of the competent authorities regarding restoration of the land.

JIPMER has been continuously pursuing restoration of the land with the Government of Puducherry and the Ministry of Health & Family Welfare, Government of India. Further, the Hon'ble Committee, on whose recommendation the Raiya Sabha Secretariat has advised, has recommended convening a High-Level Committee with the Government of Puducherry within a stipulated timeframe to expedite resolution of the land issue. The matter is under active consideration.

Pending final decision, status quo in accounting treatment has been maintained. Necessary accounting adjustments will be carried out in the relevant financial year upon receipt of the final decision and duly reflected in the accounts.

8. There exists a Liability in TDS TRACES Portal of Income Tax Department, for Rs.1,39,53,160/-, which is not an ascertained liability. Moreover, it should be reconciled with records and JIPMER may prefer an Appeal in case of dispute. Hence, the same is treated as Contingent Liability in Accounts.

9. Previous figures have been re-grouped wherever necessary in accordance with current year figures.

20/11/26

VARSINI ARUN, IA&AS
SENIOR FINANCIAL ADVISOR
वरिष्ठ वित्त सलाहकार
Senior Financial Advisor
जिपमेर / JIPMER
धन्वंतरि नगर / Dhanvantri Nagar
पुदुच्चेरी / Puducherry-605 006

GENERAL PROVIDENT FUND (JIPMER)

BALANCE SHEET OF GENERAL PROVIDENT FUND ACCOUNT AS ON 31.03.2025

LIABILITIES	Rs. P.	Rs. P.	Rs. P.	ASSETS	Rs. P.	Rs. P.
CORPUS FUND:				**CURRENT ASSETS:**		
Opening Balance (Cr)		79,22,78,755.00				
Add : Additions during the year:				Bank Accounts:		
Interest due to Employees	5,47,11,690.00			Account (BOB)	-1,34,313.49	
Contribution from Jipmer	21,94,42,303.00			Flexi Deposit with-BOB	1,50,50,000.00	
Contribution from Jipmer-others	10,28,772.00	27,51,82,765.00		Flxed Deposit A\c	25,361.00	1,49,41,047.51
		1,06,74,61,520.00				
Less: Deductions during the year:				Fixed Deposits:		
Withdrawals	12,63,44,910.00			Bank of Baroda (Annx-A)		77,96,89,604.00
GPF Advance	5,79,56,320.00					
GPF- Others	2,68,059.00	18,45,69,289.00		Interest Accured on Fixed Deposits		2,82,06,276.00
		88,28,92,231.00				
				TDS Refund		57,778.00
GPF Final Settlement	7,63,38,608.00					
PAO-Staff Member	11,65,500.00	7,75,04,108.00	80,53,88,123.00			
GENERAL RESERVE:						
Opening Balance (dr)	42,54,375.51					
LESS: Deficit transfer from						
Income & Expenditure Account	93,92,951.00		1,36,47,326.51			
Jipmer			38,59,256.00			
		TOTAL	**82,28,94,705.51**		**TOTAL**	**82,28,94,705.51**

VARSINI ARUN,IA&AS
SENIOR FINANCIAL ADVISOR
वरिष्ठ वित्त सलाहकार
Senior Financial Advisor
जिपमेर / JIPMER
धन्वंतरि नगर / Dhanvantri Nagar
पुदुच्चेरी / Puducherry-605 006

DR.VIR SINGH NEGI
DIRECTOR
निदेशक / DIRECTOR
जवाहरलाल स्नातकोत्तर आयुर्विज्ञान
शिक्षा एंव अनुसंधान संस्थान
JAWAHARLAL INSTITUTE OF POST-GRADUATE
MEDICAL EDUCATION RESEARCH
पुदुच्चेरी / Puducherry-6.

GENERAL PROVIDENT FUND (JIPMER)

INCOME AND EXPENDITURE STATEMENT FOR THE PERIOD FROM 01.04.2024 TO 31.03.2025.

EXPENDITURE	Rs. P.	INCOME	Rs. P.	Rs. P.
To Interest to Employees	5,46,86,798.00	By Interest on Fixed Deposits:		
To Bank Charges	944.00	Actual Receipts	5,62,72,429.00	
To Prior period expenses	7,37,028.00	Add: Accured Interest at end of the year	2,82,06,276.00	
			8,44,78,705.00	
		Less: Opening Balance of Accured Interest	2,76,60,984.00	5,68,17,721.00
To Excess ofExpenditure over Income (surplus)	93,92,951.00			
		By Other Income		-
		By Contribution from Jipmer		80,00,000.00
	6,48,17,721.00			**6,48,17,721.00**

20/1/26

VARSINI ARUN,IA&AS
SENIOR FINANCIAL ADVISOR

वरिष्ठ वित्त सलाहकार
Senior Financial Advisor
जिपमेर / JIPMER
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पुदुच्चेरी / Puducherry-605 006

20/01/2026

DR.VIR SINGH NEGI
DIRECTOR

निदेशक / DIRECTOR
जवाहरलाल स्नातकोत्तर आयुर्विज्ञान
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JAWAHARLAL INSTITUTE OF POST-GRADUATE
MEDICAL EDUCATION RESEARCH
पुदुच्चेरी / Puducherry-6.

GENERAL PROVIDENT FUND (JIPMER)

RECEIPTS AND PAYMENTS STATEMENT FOR THE PERIOD FROM 01.04.2024 TO 31.03.2025.

RECEIPTS	Rs. P.	Rs. P.	PAYMENTS	Rs. P.	Rs. P.
To **Opening Balance b/d:**			By **GPF- Debits:**		
Current Account (BOB)	-26,46,651.49		GPF Withdrawals	12,63,44,910.00	
Flexi Deposits (BOB)	1,70,20,435.00		GPF Advance	5,79,56,320.00	
FD Account -9840200000019	25,361.00	1,43,99,144.51	GPF Transfer Out	2,68,059.00	18,45,69,289.00
Fixed Deposits:			Corpus Fund		
Bank of Baroda		75,65,39,000.00	GPF Final settlement		7,63,38,608.00
To GPF Contribution:			PAO Staff Contribution		11,65,500.00
GPF Advance	7,04,28,518.00				
GPF Contribution	14,90,13,785.00		By **Indirect Expenses :**		
GPF Contribution arrear			Bank Charges		944.00
GPF Others	10,28,772.00	22,04,71,075.00	Prior Period Expenes		7,12,136.00
			Interest due to Employees		
Jipmer		17,35,480.00	TDS Refund		
			By Fixed Deposits		
			Bank of Baroda		77,96,89,604.00
			By Cheque Return		13,59,112.00
To Interest on Fixed Deposits:					
Flexi Deposit	3,59,571.00				
Fixed Deposit	5,59,12,858.00	5,62,72,429.00	By **Closing Balance c/d:**		
			Current Account-BOB	-1,34,313.49	
Other Income			Flexi Deposit with-BOB	1,50,50,000.00	
Contribution from Jipmer		80,00,000.00	FD Account -9840200000019	25,361.00	1,49,41,047.51
Interest due to Employees					
Cheque Return		13,59,112.00			
		1,05,87,76,240.51			1,05,87,76,240.51

GENERAL PROVIDENT FUND (JIPMER)

Annexure -A

FIXED DEPOSITS - BANK OF BARODA - 2024-2025

S. NO.	PARTICULAR	Rs.
1	FD-BOB-98340300005909	2,63,63,901.00
2	FD-BOB-98340300005910	2,63,63,901.00
3	FD-BOB-98340300005911	2,63,63,901.00
4	FD-BOB-98340300005912	2,63,63,901.00
5	FD-BOB-98340300007823	1,22,89,000.00
6	FD-BOB-98340300007842	1,22,89,000.00
7	FD-BOB-98340300007850	1,22,89,000.00
8	FD-BOB-98340300007874	1,22,89,000.00
9	FD-BOB-98340300007881	1,22,89,000.00
10	FD-BOB-98340300007910	1,22,89,000.00
11	FD-BOB-98340300008215	5,01,00,000.00
12	FD-BOB-98340300008223	5,01,00,000.00
13	FD-BOB-98340300008224	5,01,00,000.00
14	FD-BOB-98340300008228	2,01,00,000.00
15	FD-BOB-98340300008229	2,01,00,000.00
16	FD-BOB-98340300008705	3,00,00,000.00
17	FD-BOB-98340300008706	3,00,00,000.00
18	FD-BOB-98340300008707	3,00,00,000.00
19	FD-BOB-98340300008708	3,00,00,000.00
20	FD-BOB-98340300008709	3,00,00,000.00
21	FD-BOB-98340300008710	3,00,00,000.00
22	FD-BOB-98340300008711	3,00,00,000.00
23	FD-BOB-98340300008712	3,00,00,000.00
24	FD-BOB-98340300008713	3,00,00,000.00
25	FD-BOB-98340300008732	1,00,00,000.00
26	FD-BOB-98340300008735	1,00,00,000.00
27	FD-BOB-98340300009072	3,00,00,000.00
28	FD-BOB-98340300009073	3,00,00,000.00
29	FD-BOB-98340300009074	3,00,00,000.00
30	FD-BOB-98340300009075	3,00,00,000.00
	TOTAL	77,96,89,604.00

GENERAL PROVIDENT FUND (JIPMER)

PONDICHERRY

Notes forming Part of Financial Statements – 2024-25

A. Organisation and Nature of Activities:

1) The GPF Fund is created and maintained for Employees of Jawaharlal Nehru Institute of Postgraduate Medical Education and Research popularly known as JIPMER. The monthly contributions received from employees are invested in Fixed Deposits in Nationalized Banks.

2) Corpus Fund represents total amount due to all employees of JIPMER covered under GPF. The Contributions received from Employees of JIPMER and Interest due to Employees are directly credited to this Fund. Withdrawals and advances are debited to this Fund. Surplus/Deficit are transferred to General Reserve.

B. **Financial Statement Presentation:** The accompanying financial statements have been prepared on accrual basis of accounting in accordance with the generally accepted accounting policies based on the guidelines contained in the Manual of Instruction of Audit of Autonomous Bodies (Non-Profit Organisations) Volume II of Comptroller and Auditor General of India. The Contributions are being recognized as and when it is received from JIPMER.

1) **AS – 1: Disclosure of Accounting Policies:**
The Financial Statements are prepared under historical cost convention and books of accounts are maintained on accrual basis as a going concern.

2) **AS – 9: Revenue Recognition:**
The Interest on Fixed Deposits has been recognized on the basis of period of holding Deposits. Interest on Employees Contribution is calculated @ 7.1% per annum.

3) **AS – 13: Accounting for Investments:**
The funds have been invested in Short Term Bank Deposits and all Deposits are treated as Current Investments only.

20/11/24

VARSINI ARUN, IA&AS
SENIOR FINANCIAL ADVISOR
वरिष्ठ वित्त सलाहकार
Senior Financial Advisor
जिपमेर / JIPMER
धन्वंतरि नगर / Dhanvantri Nagar
पुदुच्चेरी / Puducherry-605 006

Opinion of the Comptroller & Auditor General of India on the Accounts of Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry for the year ended 31 March 2025

Opinion

We have audited the financial statements of Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry, which comprise the statement of financial position as at 31 March 2025 and the Income & Expenditure Account/Receipts & Payment Account for the year then ended, and notes to the financial statements, including a summary of significant accounting policies under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 18(2) of the JIPMER Act, 2008. These financial statements include the accounts of units/branches of the AB

This Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observations on financial transactions regarding compliance with the Law, Rules and Regulations (Propriety & Regularity) and efficiency cum performance aspects, etc., if any, are reported through inspection reports/ CAG's audit reports separately.

In our opinion the accompanying financial statements of Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry, read together with the accounting policies and Notes thereon and matters mentioned in the Separate Audit Report, which follows, **give a true and fair view** of the financial position of the autonomous body as at March 31, 2025, and (of) its financial performance and its cash flows for the year then ended in accordance with format applicable to the AB

Basis for Opinion

We conducted our audit in accordance with the CAG's auditing regulations/standards/manuals/guidelines/guidance-notes/orders/circulars etc. Our responsibilities are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the autonomous body in accordance with ethical requirements that are relevant to our audit of the financial statements, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Emphasis of Matter - Nil

Responsibilities of Management for the financial statements

The Governing Board of Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry is responsible for the preparation and fair presentation of the financial statements in accordance with format applicable to the AB, and for internal control as management determines it necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion in accordance with CAG's auditing regulations /standards/ manuals/ guidelines/ guidance-notes/ orders/ circulars etc.

For and on behalf of the CAG of India
Director General of Audit (Central) Chennai

Place: Chennai

Date: 27 .01.2026

Separate Audit Report on the accounts of Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry

A. General

Effect of revision of Accounts - The accounts of the Institute were revised based on audit observations. As a result of revision of accounts, the Assets/ Liabilities increased by ₹4.19 crore and the excess of expenditure over income (deficit) decreased by ₹22.36 crore.

B. Management Letter

Deficiencies which have not been included in this Separate Audit Report have been brought to the notice of the Management through a Management Letter issued separately for remedial/corrective action.

C. Assessment of Internal Controls

(i)	**Adequacy of Internal Control System:**	Adequate
(ii)	**Adequacy of Internal Audit System:**	Adequate
(iii)	**System of Physical verification of fixed assets:**	Adequate.
(iv)	**System of Physical verification of inventory:**	Adequate
(v)	**Regularity in payment of statutory dues:**	Regular.
(vi)	**Other matters relating to functioning of the entity:**	Nil

D. Grants in aid

Out of the grants-in-aid of ₹1419.22 crore received for the year, unspent balance of ₹346.41 crore of previous year, receipt of unadjusted amount of ₹1.45 crore, the Institute could utilise a sum of ₹1361.57 crore, after a refund of ₹6.00 crore leaving a balance of ₹399.42 crore as unutilised grants as on 31 March 2025.


ADMINISTRATIVE BLOCK


JIPMER KARAIKAL
ACADEMIC BUILDING
JIPMER KARAIKAL