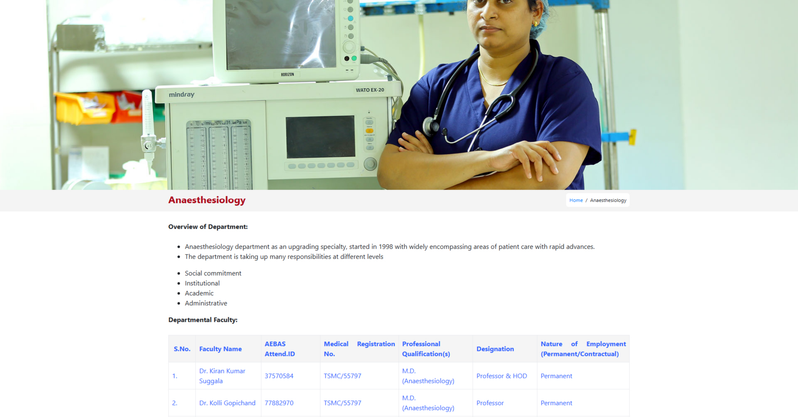


Anaesthesiology

Overview of Department:

- Anaesthesiology department as an upgrading specialty, started in 1998 with widely encompassing areas of patient care with rapid advances.
- The department is taking up many responsibilities at different levels

- Social commitment
- Institutional
- Academic
- Administrative

Departmental Faculty:

S.No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1.	Dr. Kiran Kumar Suggala	37570584	TSMC/55797	M.D. (Anaesthesiology)	Professor & HOD	Permanent
2.	Dr. Kolli Gopichand	77882970	TSMC/55797	M.D. (Anaesthesiology)	Professor	Permanent
3.	Dr. Bagam Kishan Rao	38865643	TSMC/41563	M.D. (Anaesthesiology)	Professor	Permanent
4.	Dr. Tupili Anusha	14112535	TSMC/79813	M.D. (Anaesthesiology)	Professor	Permanent
5.	Dr. V. Vamsi Krishna Reddy	45953433	TSMC/73483	M.D. (Anaesthesiology)	Professor	Permanent
6.	Dr. Puchalapalli Kowsalya	84572808	TSMC/73553	DNB (Anaesthesiology)	Associate Professor	Permanent
7.	Dr. Akula Krishna Anusha	69003030	APMC/FMR/74543	M.D. (Anaesthesiology)	Assistant Professor	Permanent
8.	Dr. Kilaru Mounika	30026582	APMC/FMR/115617	M.D. (Anaesthesiology)	Assistant Professor	Permanent
9.	Dr. Kotaru Gowtham	46043987	APMC/FMR/81057	DNB (Anaesthesiology)	Assistant Professor	Permanent
10.	Dr. Varanasi Durga Prasad	68049131	TSMC/65580	M.D. (Anaesthesiology)	Assistant Professor	Permanent
11.	Dr. Kollu Anusha	36599511	TSMC/FMR/68766	M.D. (Anaesthesiology)	Assistant Professor	Permanent
12	Dr. Battu Vani Prapurna	32967375	TSMC/FMR/04575	M.D. (Anaesthesiology)	Assistant Professor	Permanent
13.	Dr. Nelakuditi Sesanka	97298505	APMC/FMR/100939	M.D. (Anaesthesiology)	Assistant Professor	Permanent
14.	Dr. Nidhi Phoolchandra Chitravanshi	10793144	TSMC/FMR/26609	M.D. (Anaesthesiology)	Assistant Professor	Permanent
15.	Dr. Konda Swetha	53185721	2024/07/57/46	M.D. (Anaesthesiology)	Assistant Professor	Permanent
16.	Dr. Boddu uma	05041216	09341	M.D. (Anaesthesiology)	Assistant Professor	Permanent
17.	Dr. Yetchu Sadhana	88464406	05812	M.D. (Anaesthesiology)	Assistant Professor	Permanent
18.	Dr. Badavath Sindhuja	42652755	APMC/FMR/102275	M.D. (Anaesthesiology)	Assistant Professor	Permanent
19.	Dr. Banoth Rathna Kumar	59166460	APMC/FMR/82779	M.D. (Anaesthesiology)	Senior Resident	Permanent
20.	Dr. Koppula Suryamitra	15166582	TSMC/FMR/02953	M.D. (Anaesthesiology)	Senior Resident	Permanent
21.	Dr. Reddi Sruthi	51141104	TSMC/FMR/20118	M.D. (Anaesthesiology)	Senior Resident	Permanent
22.	Dr. Ponduru Kavya	85061386	TSMC/FMR/16525	M.D. (Anaesthesiology)	Senior Resident	Permanent
23.	Dr. Perni Tharun Dasarath	80338770	TSMC/FMR/09680	M.D. (Anaesthesiology)	Senior Resident	Permanent
24.	Dr. Pandurangi Rehana	06290362	TSMC/FMR/30060	M.D. (Anaesthesiology)	Senior Resident	Permanent
25.	Dr. Mallipudi Sanjusha	98246123	TSMC/FMR/17519	M.D. (Anaesthesiology)	Senior Resident	Permanent

COURSES OFFERED:

- B.B.S (Anaesthesiology Training Postings)
- MD (8 seats per year)

CORE COMPETENCIES:

- Social commitment
- Intensive care unit
- Palliative care unit
- Academics
- CSSD Maintenance
- Painless labour
- PAC clinics
- Multispecialty surgeries

FACILITIES & LEARNING SOURCES OF THE DEPARTMENT:

- Departmental Library – 70 books
- Central Library (Journals)
- Desktop with broadband internet facility

RESEARCH & PUBLICATIONS:

1. Rehana Pandurangi, Kiran Kumar Suggala. Comparative Efficacy of Combined Femoral and Lateral Femoral Cutaneous Nerve Blocks Vs Injection Paracetamol for Postoperative Analgesia in Geriatric Patients with Intertrochanteric Fractures. International Journal of Pharmaceutical and Clinical Research. 2025;17(1):93-98.
2. Sanjusha Mallipudi, Kiran Kumar Suggala . Efficacy and Safety of Suggamedex Vs Neostigmine in Reversing Neuromuscular Blockade in Adults. International Journal of Pharmaceutical and Clinical Research. 2025;17(1):99-103.
3. D.Sushma Reddy, Kiran Kumar Suggala. A Comparative Evaluation of Dexamethasone(4Mg) and MgSO$_4$(150Mg) as an Adjuvant to Bupivacaine(0.25%) in Tap Block for Postoperative Analgesia in Patients Undergoing Elective LSCS; A Triple Blinded Randomised Controlled Trail. International Journal of Pharmaceutical and Clinical Research. 2025;17(1):81-84.
4. M.Shweta, Kiran Kumar Suggala . Comparision Efficacy of Injected Dexmedetomidine Vs Injection Dexamethasone With Injection Bupivacaine in Interscalene Block for Post-Operative Analgesia in Patients Undergoing Shoulder Surgeries – A Randomised Controlled Trail. International Journal of Pharmaceutical and Clinical Research. 2025;17(1):104-108.
5. Ponduru Kavya, Kiran Kumar Suggala. Comparision of Different Tranexamic Acide Doses in MinimizingBlood Loss and Transfusion Requirements during Spine Surgeries. International Journal of Pharmaceutical and Clinical Research. 2025;17(1):85-88.
6. Grandhi Mohan Krishna, Kiran Kumar Suggala. Efficacy of Ultrasound – Guided Lateral Femoral Cutaneous and Femoral Nerve Blocks Versus Injection Paracetamol and Tramodal in pain Management for Femur Fractures: A Comparative Analysis. International Journal of Pharmaceutical and Clinical Research. 2025;17(1):89-92.
7. Janakiramulu E, Kiran Kumar Suggala.Comparative Study Of Transverse Abdominis Plane Block (TAP) With 0.5% Ropivacaine And 0.75% Ropivacaine In The Duration Of Post-Operative Analgesia In Lower Abdominal Surgerie. International Journal Of Pharmaceutical And Clinical Research. 2024;16(5):832-837.
8. Gundala Dhatri, Suggala Kiran Kumar. A Prospective Study of Perioperative Cardiopulmonary Complications inigarette Smokers Undergoing Major Surgery under General Anaesthesia. International Journal of Pharmaceutical and Clinical Research 2024;16(7):1242-1246
9. Motukuri Suma, Kiran Kumar Suggala, Mullangi Himbindu. A Prcomptive Incision Infiltration with 0.5% Ropivacaine in Patient un dergoing Lumbar Laminectomy. International Journal of Pharmaceutical and Clinical Research. 2024;16(8):859-862.
10. Koppula Surya Mitra, Kiran Kumar Suggala. A study to evaluate the efficacy of preemptive intravenous paracetamol on reducing postoperative opioid requirement in laparoscopic cholecystectomy, Journal of Cardiovascular Disease Research. 2024:15(07):2784-2789.
11. Vamshi Krishna Maskapuri, Kiran Kumar Suggala. A randomized double-blind prospective study of comparison between exmedetomidine and fentanyl during awake fiberoptictbronchoscopic intubation NeuroQuantology, May 2024;22(2):286-291
12. Reddi Sruthi, Kiran Kumar Suggala. Intracuff Installation of Lignocaine Vs Normal Saline in Prevention of Post-Operative Sore throat in Patients undergoing Surgeries in General Anesthesia with Endotracheal Tube International Journal of Pharmaceutical and Clinical Research 2024;16(8):926-931
13. Boddu Uma, Dr. Kiran Kumar Suggala, T.Anusha. A Randomised Double Blind Prospective Study of Comparison of Midazolam, Propofol and Dexmedtomidine Infusion for Sedation in Mechanically Ventilated Patients in ICU. International Journal of Pharmaceutical and Clinical Research. 2024;16(8):932-936
14. Gouravelly Lakshmi, Kiran Kumar Suggala, Mullangi Himabindu. Study of Attenuation of Hemodynamic Response to Endotraceal Intubation with the Use of Intravenous Labetalol, International Journal of Pharmaceutical and Clinical Research. 2024;16(8):496-502.
15. J. Suresh and Srinivasa Rao Janapati. Efficacy of Non-Opioid Analgesic Techniques in Cardiac Surgery: An Observational Study, International Journal of Tropical Medicine. 2024;19(1):103-108.
16. J.Suresh and, Srinivasa Rao Janapati -The Impact of Anaesthetic Choice on Postoperative Outcomes in Cardiac Surgery Patients: An Institutional Analysis. International Journal of Tropical Medicine. 2024;19(1):109-115.
17. J. Suresh, Kiran Kumar Suggala. A Hospital-Based Study Determining The Incidence And Associated Risk Factors Of Postoperative Sore Throat Following General Anesthesia With Endotracheal Intubation. Original Research Article, Journal Of Cardiovascular Disease Research. June 2023;9(5):1- 5.
18. Suresh, Dr. Kiran Kumar Suggala. An Observational Study Assessing The Prevalence Of Headaches And Back Pain After Regional Anesthesia Compared To General Anesthesia. Original Research Article, Journal Of Cardiovascular Disease Research. June 2023;9(5):1-5.
19. Mahesh Vinukonda, Karthala Santhosh Kumar, Kiran Kumar Suggala. Comparative randomized study of usg guided transversus abdominis plane block versus usg guided caudal block for post-operative analgesia in paediatric unilateral open inguinal hernia repair. European journal of molecular & clinicalmedicine. 2022 September;9(4): 3909-3918.
20. T Anusha, Yalala Shamili, Kiran Kumar Suggala. A comparative study of spinal anesthesia with hyperbaric ropivacaine plus dexmedetomidine and hyperbaric bupivacaine plus dexmedetomidine in lower abdominal and lower limb surgeries. European journal of molecular & clinicalmedicine, 2022 September;9(4):3856-3865.
21. Mulumudi Yashaswee. P Kousalya, Suresh Janapati, Kiran Kumar Suggala. Comparison between the effects of femoral 3-in-1 nerve block versus obturator nerve block added to the femoral 3-in-1 nerve block for postoperative analgesia after total knee replacement surgeries. European journal of molecular & clinicalmedicine, 2022 September;9(4):3848 -3855.
22. Jahnavi, Satyajith, Kiran Kumar Suggala. A comparative study of intrathecal hyperbaric ropivacaine with varying doses of buprenorphine for postoperative analgesia after cesarean section. European journal of molecular & clinicalmedicine, 2022 September;9(4): 3834 – 3839.
23. Kolli Naga Nishanth Chowdary, G Shirisha, Kiran Kumar Suggala. A prospective randomized trial on alkalinized lignocaine preloaded endotracheal tube cuffs to reduce emergence cough following brief surgery, European journal of molecular & clinicalmedicine, 2022 September;9(6):1053 – 1058.
24. Karnakar.V, K.Yugandhar, Suresh janapati, Kiran Kumar Suggala. A comparative study of 0.25% bupivacaine and 0.25% bupivacaine with fentanyl for caudal epidural anaesthesia and analgesia in children undergoing lower abdominal surgery. European journal of molecular & clinicalmedicine, 2022 September;9(5): 126-131.
25. B.Vani Prapurna, V.Sudharani, Kiran Kumar Suggala. A comparative study of dexmedetomidine and dexamethasone as adjuvants to ropivacaine in supraclavicular brachial plexus block. European journal of molecular & clinicalmedicine, 2022 September;9(5):54-60.
26. Pothala Aishwarya Roy, Janapati Suresh, Kiran Kumar Suggala. A comparative study between dexmedetomidine premedication as an adjuvant to fentanyl and fentanyl alone in patients undergoing laparoscopic cholecystectomy surgeries under general anaesthesia. European journal of molecular &clinicalmedicine, 2022 August;9(5):01 – 07.
27. Nazma Jabeen, Yugandhar K, Kiran Kumar Suggala. Intraperitoneal instillation of ropivacaine 0.375% with dexmedetomidine vs ropivacaine 0.375% with clonidine for postoperative analgesia in laproscopic cholecystectomy. A comparative study. Indian journal of anaesthesia and analgesia, 2022 April 9(2): 75 – 79.
28. Bindu Kapu, Yugandhar K, Kiran Kumar Suggala. Segmental thorasis spinal for modified radical mastectomy in carcinoma of breast. Indian journal of anaesthesia and analgesia, 2022 March – April;9(2): 93 – 94.
29. Anusha, Kiran Kumar Suggala, T. Tejaswi. A comparative study between 0.2% ropivacaine with dexmedetomidine and 0.125% levobupivacaine with dexmedetomidine for post-operative epidural analgesia in patients undergoing total abdominal hysterectomy. European journal of molecular & clinical medicine, February 2022;9(1):701 – 710.
30. Suresh Janapati, Kiran Kumar Suggala, Dasari Samyuktha. Comparison of IV dexmedetomidine & propofol versus IV dexmedetomidine & ketamine for daycare urological procedures: A randomized controlled study. European journal of molecular &clinicalmedicine, February 2022;9(1):964 – 972.
31. Kiran Kumar S. M Himabindu. Yugandhar K. Efficacy of intravenous nitroglycerine in attenuation of hemodynamic response to tracheal extubation. Original research article. Medpulse International journal of anaesthesiology, 2022 Feb;21(3):153 – 156.
32. **Siribhavani, Kiran Kumar Suggala, Deputla Karthik Chary.** Comparison of intravenous esmolol and oral clonidine for attenuation of stress response to laryngoscopy and intubation in patients undergoing surgery under general anaesthesia A randomized clinical study. Original research article, International journal of health and clinical research, 2022 Feb;5(3):201 – 208.

PROJECTS (2019–2020):

1. **BINDU –** comparitive study of intrathecal levobupivacaine with nalbuphine and 0.5% bupivacaine for lower abdominal and lower limb surgeries
2. **HIMABINDU-** A Comparative Study of Ease of Insertion, Haemodynamic Changes and Post Operative Complications of Proseal Laryngeal Mask Airway versus Igel.
3. **KARTHIK-** Comparison Of Three Different Doses Of Dexmeditomidine As Adjuvant To Bupivacaine In Supra Clavicular Brachial Plexus Block For Upper Limb Orthopaedic Surgeries:A Study Of 60 Cases
4. **NAZMA JABEEN-** A Study Of Compare The Effects Of Low Dose Intrathecal Fentanyl And Low Dose Intrathecal Tramadol Combined With 0.5% Bupivacaine In Orthopaedic Surgeries.
5. **SAMYUKTHA-** A Study To Evaluate The Difficulty Of Endotracheal Intubation During Thyroid Surgeries.
6. **SHASHIDHAR RAO-** A Comparative Study Of 0.75% Isobaric Ropivacaine 15mg and 0.5% Hyperbaric Bupivacaine 10mg With Dexamethasone 4mg In Patients Posted For Cesareran Section.
7. **TEJASWI-** A Comparative Study of Intrathecal Ropivacaine with Fentanyl And L-Bupivacaine With Fentanyl In Lower Abdominal And Lower Limb Surgeries



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Department of Anatomy

Overview of Department:

Anatomy Museum

Department of Anatomy was established in the year 1998, with a **goal** to contribute to the vision and mission of the Mamata medical college, in the areas of education, research and service and with an **objective** to train undergraduate and post graduate students in the fields of gross anatomy, osteology, microscopic anatomy, developmental anatomy, surface anatomy, neuroanatomy, radiological anatomy and also to conduct conferences, workshops and continuing medical education (CME) programs for an updated knowledge on recent advances in human anatomy, for the benefit of students and faculty as well.

The Faculty, Infrastructure and Equipment meet all the requirements of undergraduate and postgraduate teaching & learning and are in accordance with M.C.I and K.N.R.U.H.S Regulations.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Udaya Kumar. P	11533881	Professor & HOD	Permanent
2	Dr. Thondapu Kalpana	96778912	Professor	Permanent
3	Ms. N. Sujatha	03531716	Assistant Professor	Permanent
4	Dr. Indla Edward	67747031	Assistant Professor	Permanent
5	Mr. Morampudi Ravi Kiran	04970133	Assistant Professor	Permanent
6	Ms. Janamala Ratna Priyanka	32932362	Assistant Professor	Permanent
7	Dr. S T R Phanindra	22231202	Senior Resident	Permanent
8	Mr. Tata Venkateswara Babu	03806199	Tutor	Permanent
9	Dr. Katta Bhaavani	41324231	Tutor	Permanent
10	Dr. Kandula Jyoshna	60314590	Tutor	Permanent
11	Dr. Mohammed Zohra Parveen	59545731	Tutor	Permanent
12	Dr. Ravula Bhargavi	58974872	Tutor	Permanent
13	Dr. Swargam Archana	87146087	Tutor	Permanent
14	Dr. Tikkala Chetana	00978465	Tutor	Permanent
15	Dr. Yedlapalli Srija	41321252	Tutor	Permanent
16	Dr. Kokkireni Sathwik	96495740	Tutor	Permanent
17	Dr. Dudam Sahithi	24311907	Tutor	Permanent

UNDER GRADUATE COURSES OFFERED:

MBBS, BDS and B.Sc Nursing

POST- GRADUATE COURSES OFFERED:

MD – Anatomy

TEACHING & LEARNING RESOURCES:

Departmental library is provided with more than 264 books and two desktops with an internet facility.

Adequate numbers of cadavers are available for undergraduate and post graduate teaching and for research activities.

OHP & LCD projector, models & charts for gross, microscopic and developmental anatomy teaching.

Radiographs: Since Imaging techniques have become increasingly important in diagnosis and treatment, students are introduced to Radiological Anatomy during the course. The X-ray library has meticulously prepared sets of important radiographs, CT scans and MRI films which are demonstrated and discussed with the students.

Museum: The Anatomy museum has wide range of dry and wet specimens prepared over the years under the guidance of successive departmental heads. Specimens include gross anatomy, neuroanatomy & embryology, X-ray lobbies with radiographs, genetic charts, skeletons and individual bones. Specimens are displayed system wise in the Museum. Catalogues are placed for quick reference of the specimens.

Bone bank: study of the bones in a region lays down a basic outline of skeletal framework for the further study of the region. Bones taken out of departmental burial ground are cautiously prepared and maintained in the bone bank. The Bone bank is used for teaching osteology purposes and also issued to students for study in the department.

DEPARTMENTAL EQUIPMENT:

Dissection Hall – is provided with

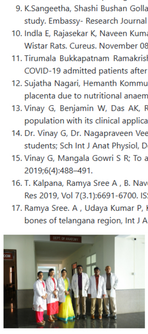
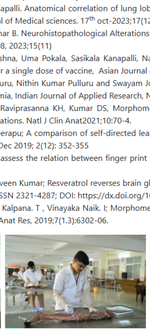
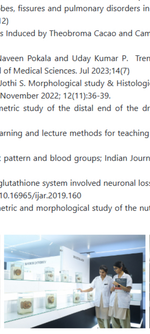
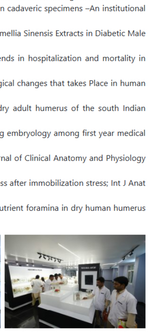
- Two – Body Injectors for embalming procedures,
- Four – Cadaver Storage Tanks to store up to 50 cadavers,
- A Cold Storage (mortuary chamber) facility to preserve 4 dead bodies at a time.
- A Power saw and a Meat Cutting machine for sectioning the bones & soft tissues.
- Dissection hall also has sufficient stretchers, stools, dissection instruments and lockers for students' utilization and a cordless audio system to communicate to the students.

Histology Lab: is provided with

- Binocular microscope, fitted with a HD camera and LCD projector for demonstration of regular Undergraduate and post graduate histology practical classes.
- Lab is well equipped with 2- Rotary microtomes, one incubator, hot water bath, refrigerator, staining materials and sufficient slide cabinets for preparation and staining of histology slides. H&E and special staining slides are prepared for both UG and PG teaching.
- More than 90 compound microscopes and five dissecting microscopes are available for individual student demonstrations.

FACULTY PAPER PUBLICATIONS:

1. Ramanuja Phanindra S.T, A.Raja, K. Yesupadamu, G. Sailaja, D.A.V. S.Sesi. A Cadaveric Study on The Fissure for Ligamentum Teres Hepatis in South-Indian Population. European Journal of Cardiovascular Medicine. Jul-Aug, 2024;14(4):92-99.
2. Indla Edward, Ravikiran Morampudi, Prashanth Kumar, Patnaik. Influence Of Patient Anatomical Variability On The Pharmacodynamics Of Intravenous Anaesthetics. An Observational Study. International Journal of Pharmaceutical and Clinical Research. 2024;16(3):1028-1031.2.
3. Edward Indla, K V Rajasekar, Bandarupalli Naveen Kumar, S Saravana Kumar, Udaya Kumar P, Suresh Babu Sayana. Modulation of Oxidative Stress and Glycemic Control in Diabetic Wistar Rats: The Therapeutic Potential of Theobroma cacao and Camellia sinensis Diets. Cureus. 2024 Mar 11;16(3):e5598.
4. 1. Ravi Kiran Morampudi , Vishali Neelakandan , Bandarupalli Naveen Kumar , Edward Indla. Evaluation of Cognitive and Synaptic Restoration in Diabetic Rats Treated With Emblica officinalis, Clitoria ternatea, Vitamin C, and Metformin. Open Access Original Article . Cureus 16(12):e75866.
5. Rajeswara Rao N, Avantika Bamne, Sujatha Nagari, Hemanth Kommuru. Anatomical Variations of the Sciatic Nerve: High Division and Trifurcation and its Clinical Implications International Journal of Medical Science and Current Research. September- October 2024;7(5): 352-357.
6. Galenka Vijayasree, Ratnapriyanka Janamala, M.Nagendra Babu. A Study of Morphometic Measurements of Foramen Magnum in Male adult dry skulls. September-2024;14(09):7-10.
7. W.R. Reema Rao Incidence & Morphological Variation Rotundum & Foramen Lacerum In 173 Human Skulls From Andhra Pradesh India.
8. W.R. Reema Rao Morphological & Morphometic Analysis of Middle Craulal Foramine in adult Human Skulls Implication for Neurological Procedure.
9. K.Sangeetha, Shashi Bushan Gollapalli. Anatomical correlation of lung lobes, fissures and pulmonary disorders in cadaveric specimens –An institutional study. Embassy- Research Journal of Medical sciences. 17th oct-2023;17(12)
10. Indla E, Rajasekar K, Naveen Kumar B. Neurohistopathological Alterations Induced by Theobroma Cacao and Camellia Sinensis Extracts in Diabetic Male Wistar Rats. Cureus. November 08, 2023;15(11)
11. Tirumala Bukkapatnam Ramakrishna, Uma Pokala, Sasikala Kanapalli, Naveen Pokala and Uday Kumar P. Trends in hospitalization and mortality in COVID-19 admitted patients after a single dose of vaccine, Asian Journal of Medical Sciences. Jul 2023;14(7)
12. Sujatha Nagari, Hemanth Kommuru, Nithin Kumar Pulluru and Swayam Jothi S. Morphological study & Histological changes that takes Place in human placenta due to nutritional anaemia, Indian Journal of Applied Research, November 2022; 12(11):36-39.
13. Vinay G, Benjamin W, Das AK, Raviprasanna KH, Kumar DS, Morphometric study of the distal end of the dry adult humerus of the south Indian population with its clinical applications. Natl J Clin Anat2021;10:70-4.
14. Dr. Vinay G, Dr. Nagapraveen Veerapu; A comparison of self-directed learning and lecture methods for teaching embryology among first year medical students; Sch Int J Anat Physiol, Dec 2019; 2(12): 352-355
15. Vinay G, Mangala Gowri S R; To assess the relation between finger print pattern and blood groups; Indian Journal of Clinical Anatomy and Physiology 2019;6(4):488–491.
16. T. Kalpana, Ramya Sree A , B. Naveen Kumar; Resveratrol reverses brain glutathione system involved neuronal loss after immobilization stress; Int J Anat Res 2019, Vol 7(3.1):6691-6700. ISSN 2321-4287; DOI: https://dx.doi.org/10.16965/ijar.2019.160
17. Ramya Sree. A , Udaya Kumar P, Kalpana. T , Vinayaka Naik. t; Morphometric and morphological study of the nutrient foramina in dry human humerus bones of telangana region, Int J Anat Res, 2019;7(1.3):6302-06.

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Department Of Biochemistry

Overview of Department:

Department of biochemistry seeks in understanding of chemical structures and processes that constitutes health and disease which forms the foundation of basic medical sciences.
A well qualified and experience faculty is available for the teaching courses.

The department is a part of laboratory medicine (central clinical laboratory). It also involves in research activities.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Perumalla Madhulatha	93180810	Professor & HOD	Permanent
2	Dr. Kakarla Kalyan Kumar	93790714	Professor	Permanent
3	Dr. Panakala Srilakshmi	71587914	Professor	Permanent
4	Dr. Malidhu Priyanka	57468210	Professor	Permanent
5	Dr. Lokary Vijaya	15505157	Associate Professor	Permanent
6	Dr. Arshiya Tabbassum	13190469	Assistant Professor	Permanent
7	Dr. S. Srilekha	34961388	Assistant Professor	Permanent
8	Dr. Kuduka Jai Bheem	08479476	Assistant Professor	Permanent
9	Dr. Dogiparthi Yashmita	96346703	Tutor	Permanent
10	Dr. Kothamasu Supraja	57894343	Tutor	Permanent
11	Dr. Vankudothu Sunitha	80340680	Tutor	Permanent
12	Dr. Ramala G K Vishvas	47182226	Tutor	Permanent
13	Dr. Kasani Supriya	27977867	Tutor	Permanent
14	Dr. Maddineni Pooja Chowdary	61825157	Tutor	Permanent
15	Dr. Mandagondi Lalitanjali	86269396	Tutor	Permanent
16	Dr. Pachunoori Amulya	85109704	Tutor	Permanent
17	Dr. Kandukuri Vyshnavi	85212162	Tutor	Permanent
18	Dr. Shaik Sadhik	35866573	Tutor	Permanent

Courses:

MD (Biochemistry)

MBBS

BDS

Nursing

Learning Resources

- Desktop with internet
- Laptop & OHP & LCD projector
- Charts, Models & Case studies
- Department library: 153 books including course, reference books, and Journals.

Equipments in research lab:-

- Semi automated analyzers
- ELISA Reader
- Colorimeter
- UV spectrophotometer
- Chromatography Unit
- Thin layer chromatography unit
- Electrophoresis Unit
- Flame Photometer
- pH meter
- Single pan electronic balance
- Hot air oven
- Incubators
- Magnetic stirrers

Clinical laboratory:

Well equipped Clinical Biochemistry Laboratory wing of Mamata General hospital to cater, services to the patients General hospital and superspecality hospital (OP, IP and emergency) with routine biochemical investigations, hormone analysis and other special paramaters.

The clinical laboratory serves round the clock (24×7) to provide emergency services.

Faculty members regularly monitor the laboratory services.

Equipments in Clinical Lab:

- Fully Automated Chemistry analyser (ERBA-EM360)
- Fully Automated Chemistry analyzer (Mindray BS-240 Pro)
- Fully Automated Hormonal analyzer (Mindray CL-1000i)
- Alere-triage analyser (CARDIAC PANEL)
- Semi auto analyser (Erba CHEM-5)
- Blood Gas Analyser
- Electrolyte Analyser (Roche-9180)

Publication:

1. P.Balaji, S. Agni Vishnu Sailesh, M. Bhaskar Rao & B. Nageshwar Rao. Diagnostic Value of Neutrophil- to-Lymphocyte Ratio, Serum Interleukin-6 and CRP in Pediatric Tonsillitis. Int. J. Trop. Med. 2025;20(1):49-53.
2. P. Balaji, M. BhaskaraRao, S. Agni Vishnu Sailesh & K. Kalian Kumar. Serum Lactate, Ferritin, Albumin and Oxidative Stress Markers as Diagnostic and Pathophysiological Indicators in Chronic Rhino Sinusitis. Res. J. Med. Sci. 2025;19(2):141-145.
3. Eliya raju, Annepaka, Muthulakshmi Rangasmy, Srilakshmi , Suresh Babu, Investigation of the Cognitive activity between the leaf extracts of eclipta alba and ziziphus jujuba in diabetic animal models. , Cureus 16(3):e55400.DOI 10.7759.
4. Mohammad Aminuddin, Shreya Nigoska, K. Kalyan Kumar, V. Sunanda. Study of Thyroid Profile in Chronic Kidney Disorders Middle Aged Individuals, International Journal of Pharmaceutical and Clinical Research 2023;15(4):179-183.
5. Mohammad Aminuddin, Shreya Nigoska, K. Kalyan Kumar, N Vani. Study of Lipid Profile in Stress Induced Type 2 Diabetic Nephropathy Patients, International Journal of Pharmaceutical and Clinical Research 2023;15(4):209-213.
6. Priyanka, K.Kalyan kumar, P.Srilakshmi, Reduced omentin-1 Concentration in the Serum of Normoglycemic First – Degree Relatives of Individuals with types 2 Diabetes,Int J.Trop .Med. 18:30-34.
7. L.Vijaya , Christy Pradeep raj, Siva Jyothi ,M. Madhulatha. Evaluation of abnormal serum electrolytes in asthmatics .European Journal of Molecular & Clinical Medicine. 2023;10(1):3599 – 3606.
8. L.Vijaya, Patel N, Singh D, Lokary Vijaya V,Shaker IA. Polycystic ovaraian syndrome and microbiome.Implications for womens health, J MedSci Res.2023;11(1)1:47-56.
9. L.Vijaya, Amit Vasant Deshpande,Vijaya Lokary, Baer Philip Ravikumar. Non –Lipid risk factors in the development of metabolic syndrome, European Journal of Molecular & Clinical Medicine. 2023;10(1):4555-4560.
10. Nagapraveen Veerapu, Dhanashree P Inamdar , Baer P Ravi Kumar, Basavaraju Anuradha , Pavitra Guddanti, Sree D Issapuri, Nikhita S Ganta, Arun Gopi. Effectiveness of COVID-19 Vaccines against SARS-CoV-2 Infection among Persons Attending the RT-PCR center at a Medical College Hospital in Telangana: A Case- Control Study. Indian Journal of Community Medicine, October-December 2022;47(4):587-590.
11. C. Uthira Kumar, A Suma Preethi, Y. V. Ramakrishna Reddy, K. Kalyan Kumar, B. Nageshwar Rao. Effect of trimetazidine in experimental animals with coronary heart disease or and in combination with diabetes mellitus, International Journal of Clinical Biochemistry and Research 2022;9(1):17–21.
12. A.Suma Preethi, K. Kalyan Kumar, P. Srilakshmi. Evaluation of Hepatic Enzyme Levels and Haematological Profiles in Chikungunya Patients- An Institutional Study, Asian Journal of Research in Biochemistry, 2021;9(4): 34-40.

Conferences:

1. **Dr.M.Madhulatha** has participated as Delegate in the 4th Annual State Conference – Virtual on theme "**Single Nucleotide Polymorphism – Role in Diseases**" Organized by Telangana Chapter – Association of Medical Biochemists of India at Osmania Medical College on 7th and 8th February 2021.
2. **Dr.M.Madhulatha** has participated as Delegate in webinar on "**statistics in medical research**" held by Annapoorna medical college & Hospital Salem, Tamilnadu on 20th July 2021.
3. **L. Vijaya** Faculty of Mamata Medical College, Khammam has presented Oral paper on Topic " **Iron Status and Oxidative Stress in Heart Failure**" on 8th February 2021 in Fourth State Conference organized by AMBI Telangana chapter.
4. **Vijaya lokary** has participated as a Delegate in the Continued Medical Education webinar on " **Role and Interpretation of Inflammatory Markers in COVID-19** " organized by Department of Biochemistry, ESIC Medical College and Hospital, Sanathnagar, Hyderabad on 12th June 2021 from 09:30 AM to 11:00 AM.
5. **Dr.V. Ramakrishna Reddy** has participated as Deligate in the CME on "**Current and Future Perspectives of Cytokines as Biomarkers in Human Diseases**" Organized by Sri Devaraj URS Medical College, Tamaka, Kolar, Karnataka on 13th May 2021.
6. ***L M Madhulatha*** has participated as delegate in the conference "***Research writing and funding***" on 15th june 2019 at Nizams institute of medical sciences, Hyderabad. In reference to "Third state conference of Telangana chapter-2019" under Association of medical biochemist s of India.
7. ***L Vijaya*** has participated as delegate in the conference "***Research writing and funding***" on 15th june 2019 at Nizams institute of medical sciences, Hyderabad. In reference to "Third state conference of Telangana chapter-2019" under Association of medical biochemist s of India.
8. ***D Christy Pradeep Raj*** has participated as delegate in the conference "***Research writing and funding***" on 15th june 2019 at Nizams institute of medical sciences, Hyderabad. In reference to "Third state conference of Telangana chapter-2019" under Association of medical biochemist s of India.






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Cardiology

Overview of Department:

Department of Cardiology has well trained doctors, staff members and infrastructure to provide best cardiac care to the patient. The main aim of this department is to provide best, more experience and high technique cardiac care to reach to a common man, in a most economic and affordable way. The department also has cath lab, performs all types of diagnostic and recent therapeutic procedures including adult and paediatric cases, most commonly angiography, angioplasty, valvuloplasty, device closure for congenital heart diseases, devices for cardiac arrhythmias & HF, aneurysm interventions etc. Department also equipped with advanced Echocardiography machines, in which 3D Echo, 2DE, CGM, TDI, EE, Fetal heart study etc are performed.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Alane Praveen Kumar	15843875	48083	D.M. Cardiology	Professor & HOD	Permanent
1	Dr. Yerrabandi Venkata Subba Reddy	56822997	15717	D.M. Cardiology	Professor	Permanent
2	Dr. Perla Harsha Teja	97748509	TSMC/FMR/17713	D.M. Cardiology	Associate Professor	Permanent
4	Dr. Nethala Simhachala Vara Prasad	23580966	APMC/FMR/83655	D.M. Cardiology	Assistant Professor	Permanent
5	Dr. Vijaya Kumar Varada	40825726	67120	D.M. Cardiology	Assistant Professor	Permanent
6	Dr. P. Srija	57660104	APMC/FMR/88894	D.M. Cardiology	Assistant Professor	Permanent
7	Dr. Jakkula Ramakrishna	40628347	63685	D.M. Cardiology	Assistant Professor	Permanent
8	Dr. Yerramareddy Sai Shirini	81815640	APMC/FMR/108586	M.D. (General Medicine)	Senior Resident	Permanent
9	Dr. Keerthana. B	26146046	TSMC/FMR/00569	M.D. (General Medicine)	Senior Resident	Permanent
10	Dr. Katakam Anil Kumar	83168207	APMC/FMR/85448	M.D. (Paediatrics)	Senior Resident	Permanent
11	Dr. Gopi Krishna Jangala	46236557	57468	DNB. (Paediatrics)	Senior Resident	Permanent
12	Dr. Thadaboina Anil	09548233	TSMC/FMR/04885	DNB. (General Medicine)	Senior Resident	Permanent

Courses Offered : D M in Cardiology.

Facilities, Equipments & Special services

- Heart Command: Managing Critically ill Heart patient
- Nuclear Cardiology
    1. Cardiac MRI
    2. Myocardial Perfusion Scintigraphy
    3. PET Scan
- Non-Invasive Diagnostic Cardiology
    1. 2D Echo,
    2. ECG
    3. TMT, Stress Echo
    4. Vascular Doppler
- Community Outreach Program

Publications:

1. Harsha Teja Perla, Samuel G Hansdak. Demographic and laboratory characteristics variations among snake envenomation patients – An institutional study. International Journal of Cardiology Research. March 2021;10;3(1):01-08.
2. Perla HT, Chandra Srinath Patloori S, Manickavasagam. A, Chase D, Roshan J. Do the predictors of right ventricular pacing induced cardiomyopathy add up? Indian Heart J. 2021 Sept-Oct;73(5):582-587.
3. Harsha Teja Perla, Navya Sri Lalitha. Evaluation of cardiac, hepatic enzyme levels and hematological profiles in chikungunya patients. International journal of Cardiology Sciences. 27 Dec 2020; 2(1):19-22.






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Department Of Community Medicine

Overview of Department:

The department has state-of-the-art facilities for training of undergraduate and postgraduate students in Community Medicine. Assistance to central and state governments in implementation of various national health programs through monitoring and evaluation and providing assessment reports and constructive feedback. It has state-of-the-art facilities for training of undergraduate and postgraduate students in Community Medicine The department has been involved in the planning, implementation, monitoring and evaluation of health programs and activities in its vast field practice area It has a rich experience of handling various research projects funded by national and state agencies in the field of public health. The department has also played a key role in evaluation of national health programs by assisting central and state governments.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Karlapudi Nithesh Kumar	37616726	Professor & HOD	Permanent
2	Dr. Gaurij Deepak Hood	76450613	Associate Professor	Permanent
3	Dr. Reeti Tewari	82616594	Associate Professor	Permanent
4	Dr. Mareeswaran Nagendran	33176818	Assistant Professor	Permanent
5	Dr. Kandhavadivel. M	56333010	Assistant Professor	Permanent
6	Dr. Hemant Bhimrao Adikane	82837050	Assistant Professor	Permanent
7	Dr. Chenna Mary Kumari	34790187	Assistant Professor	Permanent
8	Dr. Abhishek Dandpat	44557554	Assistant Professor	Permanent
9	Dr. Swathe.P	29375166	Assistant Professor	Permanent
10	Dr. Shahroz	19767037	Assistant Professor	Permanent
11	Dr. Chintada Tejaswi	52221494	Assistant Professor	Permanent
12	Dr. Bandaru Hruday Chandu	44778485	Assistant Professor	Permanent
13	Ms. Mulaka Pranathi	81425428	Statistician	Permanent
14	Dr. Palacharla Aparna	08240982	Tutor	Permanent
15	Dr. Javvaji Harsha	54424115	Tutor	Permanent
16	Dr. Syed Atif Umair	68685849	Tutor	Permanent
17	Dr. Gadde Krishna Chaitanya	74163505	Tutor	Permanent
18	Dr. Potu Bhavani	77415564	Tutor	Permanent
19	Dr. Dama Aanandhi	09081205	Tutor	Permanent
20	Dr. D S R P S Ushasri Chowdary	44114258	Tutor	Permanent
21	Dr. Yelpula Nissy	38242492	Tutor	Permanent
22	Dr. Chebrolu Revanth	03653728	Tutor	Permanent

Courses Offered:

MBBS Course:

M.B.B.S students' training in Community Medicine starts from 1st semester and continues till 7th semester. After a gap of one year, on successful completion of 9th semester they come back to the Community Medicine department for 2 months as CRRIs. Medical students teaching and training includes Lectures, Small Group Discussions, Seminars, Clinico-social Case Discussions, Problem solving exercises, Field Visits and Laboratory work.

Community oriented training is given to MBBS students as follows.

They are taken to field practice areas and are exposed to local health problems. The methodology of carrying out surveys is explained. The types of instruction include both observational and participatory.

- Nutrition, Socio-demographic & morbidity surveys
- Family health advisory services, home visits
- Reproductive & Child health care
- Outreach activities (Health Awareness Programmes)
- Specialist clinics are conducted every week on Thursdays
- Clinico – social case studies are conducted on cases from OPD as well as from wards.
- The students are exposed to various important institutions / organizations of Public Health importance.
- At the end of the above programme, the students present the observations on their visits / Clinico-Social cases and these are discussed objectively. All the staff members take part in the discussions.
- Short assessment test is conducted on the penultimate day of each postings and adequate feed back is given to the students.
- After successful completion of final year, the MBBS students are posted to community medicine department for 2 months as a part of compulsory Rotating Internship (CRRI) in batches of 21 – 24 students. CRRIs are given training in Primary Health Centre and Urban Health Centre and in other Public Health Institutions.
- Training in clinical diagnosis & management of common diseases in Rural settings.
- Exposure & hands –on experience in District Health Care system
- Management training through assistance to the concerned Medical Officer
- Training in Journal club presentations, seminars and recent advances in health care
- Doctor-patient relationship – emphasis on care & compassion especially for the socially disadvantaged (Non scholastic ability)

Library: Departmental library is provided with more than 108 books and two desktops with an internet facility.

Core Competencies

- Epidemiology
- Health management
- Health education
- Primary Health Care
- Monitoring and evaluation of health program
- Biostatistics
- Disease prevention and control strategies.
- Community Health Research.

Publications:

1. Potu Bhavani, Chenna Mary Kumari, K Nithesh Kumar, Gadde Krishna Chaitanya, Palacharla Aparna Prevalence Of Optimal Infant And Young Child Feeding Practices (Iycf) Among Employed Mothers Of Children Aged 0–36 Months In Khammam. Int J Med Pub Health 2026;16(1):2066-2070.
2. Palacharla Aparna, Mehar Sasi Kiran Singh, Mandan Ayushi Singh, K Nithesh Kumar. SYSTEMATIC REVIEW ON THE MANAGEMENT OF ACUTE HEART FAILURE IN ELDERLY PATIENTS: THE ROLE OF BRIEF INTENSIVE OBSERVATION AREAS (Jan March 2025). Int J Med Pub Health 2025;15 (1):1032 1036.
3. Levi Anand Prabhakar, Karlapudi Nithesh Kumar. Mary meenakshi. Diagnostic and treatment delays in tuberculosis care among formal and informal health providers in 2 tier city in india: a cross-sectional study. Int J Med Pub Health 2025; 15 (4):1314-131.
4. K.Harinathbabu, K.Sunitha and K.Niteshkumar. Efficacy and safety of topical cyclosporine 0.05% in vernal keratoconjunctivitis: Aggarwal Eye Hospital, Hyderabad. International Journal of Health and Clinical Research, 2022;5(1):214-218.
5. Shravani M, Chennuri H, Kumar BPR. Knowledge, Attitude, and Practice towards Coronavirus Disease 2019 among People Residing in Rural Village, Khammam District, Telangana. Ann Community Health. 2021;9(3):1-5.
6. Nagapraveen Veerapu, Maslekar SD. et al.,Bubble CPAP (Continous Positive airway pressure) therapy as a primary mode of respiratory support in preterm newborns with mild to moderate respiratory distress syndrome. Peddiatric Review – International Journal of Pediatric Research. 2021;8(2).
7. Nagapraveen Veerapu. Thrombocytopenia and thrombocytosis as a predictor of neonatal sepsis: a hospital-based cross-sectional study. International Journal of Contemporary Pediatrics Babji NS et al. Int J ContempPediatr. May 2021;8(5): 860-866.
8. B.P.Ravi Kumar. Knowledge, Attitude, and Practice towards CoronavirusDisease 2019 among People Residing in Rural Village, Khammam District, Telangana.*Int.J Community Health 2021July- Sep;9(3).*
9. Harish. Knowledge, Attitude, and Practice towards Coronavirus Disease 2019 among People Residing in Rural Village, Khammam District, Telangana.*Int.J Community Health 2021July- Sep;9(3).*
10. M.ShravaniKnowledge, Attitude, and Practice towards Coronavirus Disease 2019 among People Residing in Rural Village, Khammam District, Telangana.*Int.J Community Health 2021July- Sep;9(3).*
11. Veerapu, Nagapraveen & Baer, Philip and Kudumula, Meghana. Health beliefs about hypertension among hypertensive elderly people in Khammam urban locality: health belief model. International Journal Of Community Medicine And Public Health.2020;7(10): 3892-3895.
12. Veerapu, Nagapraveen & Bear, Ravi &Varikuti, Subbarao and Kurada, Jayakrishna. Pilot testing of sticker tool method for monitoring DOTS providers under revised national tuberculosis control program in Khammam: operational research. International Journal of Advances in Medicine.2020;7(5):790-794.

Projects:

- Active Tuberculosis case finding collaboration with State Tuberculosis division, Govt. of Telangana.
- Tuberculosis death audit collaboration with State Tuberculosis Division, Govt. of Telangana
- National Survey on Estimated District Prevalence of Tuberculosis.collobarated with central Tuberculosis Division,
- GOI, and world health Organization..
- Pilot testing of sticker tool method for monitoring DOTS care provider under RNTCP programme in Khammam







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D.V.L

Overview of Department:

- Postgraduate course was commenced in 2003-04 with initial intake of one MD and one Diploma and currently the intake has been increased to four MD
- Being part of a tertiary medical institution situated in rural area, besides offering routine, comprehensive health care, also offers quality modern treatment for all skin ailments, STD & HIV including
- Ours is a referral centre for dermatology, STD and HIV for places covering Khammam, Nalgonda, Krishna districts and other adjoining areas.
- We perform various dermatosurgery procedures like vitiligo surgeries, nail surgeries, CO2 LASER, RF cautery, ear lobe repair, PRP etc. and cosmetology procedures including chemical peels, Acne surgeries, IPL, ear piercing
- We offer phototherapy for various skin conditions and Dermoscopy and wood's lamp for proper visualization.
- The department has 40 bedded (20 M & 20 F) skin ward, catering for inpatient facilities.
- Runs daily outpatient services on all days, except on holidays.
- The department has experienced staff with modern facilities.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Uma Prasanna Laxmi Bikkasani	87489320	TSMC/73998	M.D. (DVL)	Professor& HOD	Permanent
2	Dr. Perumalla Shyam Sunder Rao	96631970	TSMC/10084	M.D. (Dermatology)	Professor	Permanent
3	Dr. Banothu Sushmalatha	47571938	TSMC/54542	M.D. (DVL)	Professor	Permanent
4	Dr. Vupperla Divya	63239887	TSMC/FMR/ 03243	M.D. (DVL)	Associate Assistant Professor	Permanent
5	Dr. Shaik Naseema	27313047	TSMC/FMR/08366	M.D. (DVL)	Assistant Professor	Permanent
6	Dr. Darla Sashanka	58888641	APMC/FMR/79540	M.D. (DVL)	Assistant Professor	Permanent
7	Dr. Jakkampudi Pooja	13170994	147814	M.D. (DVL)	Senior Resident	Permanent
8	Dr. Perumalla Nihal	35012139	APMC/FMR/83909	M.D. (DVL)	Senior Resident	Permanent
9	Dr. Kotha Alekhya	81797486		M.D. (DVL)	Senior Resident	Permanent

COURSES OFFERED:

- Postgraduate – MD in DVL

Clinical Services:

- Free OPD care with free registration
- Free consultation in OPD.
- Inpaitent care also free.
- Free bed and
- Multi disciplinary assessments by cross references as and when required.
- Advanced phototherapy with LED lights.

CORE COMPETENCIES:

1. Our Institution has good academicians' who are to strive impact the best educations possible for students. The team works of the staff gives the best possible outputs academic wise.
2. Ours is leavel-3 tertiary care center with all equipment and manual resources providing the.

Best treatment and care compared to other hospitals with cost effectiveness.

FACILITIES & LEARNING SOURCES OF THE DEPARTMENT:

- E-learning classes to all under graduates and post graduates.
- Encourage students to actively participate in both state and national level activities academically and non-academically in all kind of activates.
- Equipped with skilled lab where both post graduates and under graduates are given hands on training skills.
- Intensive Teaching schedule on all working days for Post graduates.
- Clinical postings done regularly with ward leaving examinations to under graduates.
- We update ourselves regular approaches and treatment methods from journal club.
- Departmental library is provided with various journals and recent books- 98.

RESEARCH & PUBLICATIONS

1. Venkataravikanth Eddula, Ashok Rao Matety, C. Sravana Deepthi, Sirshendu Chaudhuri, Vidyasagar Pappula, Clinical profile and mycological profile of dermatophytosis: A Cross-sectional study at a tertiary care hospital in southern india. Current medical issues.2024;22(4);217-221.
2. Sreelatha, P. Shyam Sunder Rao, B. Nageshwar Rao. Syphilis on overview; the resurgence of an old foe clinical presentation, diagnostic changes, and treatment outcomes from a tertiary care center. Romanian journal of infectious disease. 2024;27(4):277-282.
3. Sreelatha, P. Shyam Sunder Rao and 3B. Nageshwar Rao, Early Detection of Dengue fever on Day one using clinical criteria and NS1 antigen microelisa: A comparative study with Immunochromatography: Reseach journal pf medical scinces. 2024;18(12);151-155.
4. P Sreelatha1, P Shyam Sunder Rao and Venkata Umakanth UK,Evidence Based on Diagnosis of a case of tetanus.Ecronicon microbiology. 2024;20(12):1-4.
5. U.P. Lakshmi, Kotha Alekhya, Sangem Sagarika and Sadula Apoorva. Histaglobulin: An Elixir for Treatment of Chronic Urticaria. Res. J. Med. Sci. 2024;18(7):6-9.
6. Uma Prasanna lakshmi. Comparative Clinical Study of Immunotherapy between MMR Vaccine Versus BCG Vaccine in Cutaneous Warts. IJOPCR. March 2023;15(7):742-746.
7. Uma Prasanna lakshmi .Incorporating salicylic acid peel as an adjuvant in treatment of superficial dermatophytosis : a new therapeutic approach international journal of Research in dermatology. November-December 2023;9(6):369-372.
8. Descriptive cross-sectional assessment of the comorbidities and environmental factors associated with atopic dermatitis in children and adults in dermatology venereology. International journal of life Sciences Biotechnology and pharma Research , April-june 2023;12(2): 870-874.
9. A hospital based specprotive assessment of the effectiveness and safety of combination therpy using metformin and MTX in the treatment of psoriasis patients with metabolic syndrome. International journal of life Sciences biotechnology and pharma Research . April-june 2023;12(2):875-879.
10. Sushmalatha.Shalini. Descriptive cross-sectional assessment of the comorbidities and environmental factors associated with atopic dermatitis in children and adults in dermatology venereology. International journal of life Sciences Biotechnology and pharma Research. April-june 2023;12(2):870-874.
11. Sushmalatha.Shalini. A hospital based specprotive assessment of the effectiveness and safety of combination therpy using metformin and MTX in the treatment of psoriasis patients with metabolic syndrome. International journal of life Sciences biotechnology and pharma Research. April-june 2023;12(2): 875-879.
12. Sushmalatha. Study of various papulosquamous disorders and their dermoscopy in children at a tertiary hospital,in Telangana. JAMP, June-August 2022;4(4): 111-114.
13. Sushmalatha. Dermatological study of trichoscopy in the defferential diagnosis of alopecia in tertiary care center. EJMCM, 2022;9(6):1870-1874.
14. Sushmalatha. Dermatological study of trichoscopy in the defferential diagnosis of alopecia in tertiary care center. EJMCM, 2022;9(6):1870-1874.
15. Bikkasani U.P.LakshmiKishan Rao, K. Satyanarayana Rao. Evaluation of glycolic acid and trichloroacetic acid peels in the treatment of melasma, Int J Res Dermatol, 2021Sep;7(5):xxx-xxx.
16. BikkasaniU.P.LakshmiKishan Rao, K. Satyanarayana Rao. Demographic profile of patients treated for melasma with glycolic acid and trichloroacetic acid: an institutional experience, Int J Res Dermatol. 2021Sep;7(5):xxx-xxx.
17. Dr.B. Sushamalatha. Evaluation of therapeutic effusiveness of vitamin D3 in jina a teratiary care centers . IJERD -2019. Vol 5/issue 3/aug -2019.
18. Dr.B. Sushamalatha. A study of thyroid profile abnormalities in vitiligo patients in tertiary center of south india in telangana, IJERD-2019. aug -2019;5(3).
19. P VidhyaSagar. C Vijay Basker Reddy and Pisati Navaneetha Reddy. Cutaneous manifestations of chtonic alcoholism in cases attending rural tertiary care centerL: A descriptive cross-sectional study, International journal of research in dermatology. July 2021;7(4):517-521.
20. V. Ashok Babu. A clinical study on dermatological manifestations obesity. jemdas-2019. 25th Nov 2019;8(47).

PROJECTS:

- A study of clinico histopathlogical spectrum and their coreelation in autoimmune vesiculobullous diseases . Dr. Naseema shaik.
- A comparative study to evaluate the efficasy of intradermal tranexamic acid and intradermal platelet rich plasma in the treatment of melasma.- dr. Deepthi.
- A clinical study on hand and foot eczema and the relevance of patch testing in determining the causative agent.- dr. Sonika.
- A comparative study of fractional co_2 laser and dermaroller in the treatment of atrophic facial acne scars.- dr. Mounika.






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E.N.T

Overview of Department:

Department is equipped with diagnostic equipment – impedance audiometer, puretone audiometer and operating microscope for minor procedures.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Pakanati Siva Subba Rao	94525060	TSMC/50471	M.S.(ENT)	Professor & HOD	Permanent
2	Dr. Thodupunuri Srinivas	13949050	37572	M.S. (ENT)	Professor	Permanent
3	Dr. Pokuri Balaji	58380133	TSMC/FMR/36097	M.S. (ENT)	Professor	Permanent
4	Dr. Garudasu Hariprasad	02480258	TSMC/60038	M.S. (ENT)	Associate Professor	Permanent
5	Dr. Agni Vishnu Sailesh.S	42385921	TSMC/FMR/09579	M.S. (ENT)	Assistant Professor	Permanent
6	Dr. Thella Naveena	78059549	TSMC/FMR/04718	M.S. (ENT)	Assistant Professor	Permanent
7	Dr. Edla Pratik Edwards	96307896	APMC/FMR/84251	M.S. (ENT)	Assistant Professor	Permanent
8	Dr. Hariparasad	57533007	TSMC/FMR/15720	M.S. (ENT)	Assistant Professor	Permanent
8	Dr. Boddupalli Saaketh	47558585	APMC/FMR/91677	M.S. (ENT)	Assistant Professor	Permanent
10	Dr. S V V V Aditya Kumar	73734709	16199	M.S. (ENT)	Assistant Professor	Permanent
11	Dr. Lakkireddy Appi Reddy	42670735	27471481	M.S. (ENT)	Senior Resident	Permanent
12	Dr. Payal Jaiprakash Rana	75111476	139214	M.S. (ENT)	Senior Resident	Permanent
13	Dr. Bonagiri Sandeep	27471481	TSMC/FMR/20113	M.S. (ENT)	Senior Resident	Permanent
14	Dr. Maddali Sai Santoshi Laxmi Santhi Swetha	09611500	TSMC/FMR/25038	M.S. (ENT)	Senior Resident	Permanent

COURSES OFFERED

UG courses

MBBS

PG COURSES

MS in ENT

AUDIOLOGY AND SPEECH THERAPY CLINIC:

- We are running separate audiology and speech therapy clinic on OPD days.
- Audiological examination is done and patients needing speech therapy are treated by trained audiologist & speech therapist. Equipment for micro ear and microlaryngeal surgery, FESS surgery and esophagoscopy are available.

Academic facilities:

- Department library books-130
- Journals in central library.
- Temporal bone lab
- AC seminar hall with A.V aids
- Laptop & desktop with internet

RESEARCH AND PUBLICATIONS:

1. P.Balaji, S. Agni Vishnu Sailesh, M. Bhaskar Rao & B. Nageshwar Rao. Diagnostic Value of Neutrophil- to-Lymphocyte Ratio, Serum Interleukin-6 and CRP in Pediatric Tonsillitis. Int. J. Trop. Med. 2025;20(1):49-53.
2. Balaji, M. BhaskaraRao, S. Agni Vishnu Sailesh & K. Kalian Kumar. Serum Lactate, Ferritin, Albumin and Oxidative Stress Markers as Diagnostic and Pathophysiological Indicators in Chronic Rhino Sinusitis. Res. J. Med. Sci. 2025;19(2):141-145.
3. Appi Reddy, K. Samatha Reddy and P. Siva Subba Rao. A Clinico-Pathological Study of Secondary Neck Masses in Head and Neck Cancers. Res. J. Med. Sci. 2024;18(7):326-330.
4. Ashesh Reddy and P.Siva Subba Rao.Histopathological Study of Middle Ear Cleft Mucosa in CSOM Cases. Res. J. Med. Sci. 2024;18(7):331-335.
5. Narendrula Srilekha and P. Siva Subba Rao. Effect of Systemic Tranexamic Acid on Intraoperative Bleeding During Tonsillectomy. J. Med. Sci. 2024;18(7):314-316.
6. Bonagiri Sandeep, Tirumala Radha, Siva Subba Rao Pakanti and Md. Adil Faizan, 2024. Assessment of Eustachian Tube Function and Hearing Status in Oral Submucous Fibrosis: A Cross-Sectional Res. J. Med. Sci. 2024;18(7):299-303.
7. Pokala U, Soujanya E, Pokala N, Reddy PA, Swetha MS. Invasive Eumycotic mycetoma of the nasal septum in a post-dialysis patient: A case report. European Archives of Oto-Rhino-Laryngology. 2024 Jan;281(1):509-513.
8. Aalasyam Naveen, Vijay Kumar Sayeli, Uma Pokala. Effectiveness of 12-week Om chanting on reaction time and spatial and verbal memory. Asian Journal Of Medical Sciences, 2022;13(10):233-236.
9. Aalasyam Naveen, Vijaykumar Sayeli, Uma Pokala, Kamatham Praveen, Sai Sailesh Kumar Goothy. Effectiveness of 12 Weeks of Practice of Raja Yoga Meditation on Cognitive Functions in Young Adults. Journal of Pharmaceutical Negative Results, 2022;13(8):4550-4552.
10. Umamaheswara Rao, K. Samatha Reddy, Siva Subba Rao Pakanati, S. Chandramoul. Myringoplasty in wet and dry ears: an observational study in a tertiary care center, International Journal of Otorhinolaryngology and Head and Neck Surgery, 2021;7(8):1313-6.
11. Agni Vishnu Sailesh, Vivek Arumugham,SivaSubba Rao Pakanati, Shilpa Potnuru. Traumatic tympanic membrane perforation: an overview in a tertiary care centre-Khammam. International Journal of Otorhinolaryngology and Head and Neck Surgery.2021;7(8):1275-8.
12. Sneha Lekha, V. Neelima Priyadarshini, Siva Subba Rao Pakanati, K. Dilip Kumar. Mycology of otomycosis and the role of antifungal drops versus antifungal cream in the treatment of otomycosis: an observational study. International Journal of Otorhinolaryngology and Head and Neck Surgery.2021;7(8):1343-6.
13. Rao SU, Reddy KS, Pakanati SSR, Chandramouli S. Myringoplasty in wet and dry ears: an observational study in a tertiary care center. International Journal of Otorhinolaryngology and Head and Neck Surgery.2021;7(8):1313-6.
14. Sailesh AV, Arumugham V, Pakanati SSR, Potnuru S. Traumatic tympanic membrane perforation: an overview in a tertiary care centre-Khammam. International Journal of Otorhinolaryngology and Head and Neck Surgery.2021;7(8):1275-1278.
15. E. Pavan Kumar, S. Namratha, Siva Subba Rao Pakanati, Uma Pokala. Correlation of ultrasonography and fine needle aspiration cytology for diagnosis of malignancy in thyroid lesions: a study of 100 cases. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2021;7(8): 1227-1230.

PROJECTS:

1. A study of the correlation of the clinical features radiological ealuation and operative findings in chronic suppurative otftis media with attic retractions.
2. Study of diagnostic nasal endoscopy (dne) and computed tomography (ct) scan in the diagnosis of chronic inflammatory diseases of paranasal sinuses.
3. Observational study of otoacoustic emissions in hypertension in pregnancy and eclampsia.
4. A prospective, observational study on the role of endoscopic septoplasty in the treatment of nasal and paranasal sinus disease.
5. A Prospective study of efficacy of modified carfilage perichandcium composite "ring" graft in with chronic otitis media.
6. An Observational study of hearing levels in type two diabetes mellitus.
7. A Study of local causative factors for persistent ear discharge in tubo-tympanic type of chronic supparative otitis media(csom).
8. A Study of sensory nueral hearing loss in hypertensive patients.
9. An observational study of hearing profile in chronic renal failure patients undergoing hemodialysis.
10. Evaluation of different subtypes of type III tympanoplasty in chronic suppurative otitis media.







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Emergency Medicine

Emergency Department Overview:

The Emergency Department is dedicated to providing immediate and comprehensive medical care for patients in urgent and critical conditions. It operates 24/7, offering both out-patient and in-patient services. The department strives for excellence in patient care, rapid diagnosis, and treatment. Equipped with state-of-the-art facilities and staffed by highly trained emergency physicians, nurses, and support personnel, the Emergency Department ensures prompt and efficient management of medical emergencies. It also plays a vital role in community health, education, and ongoing research to improve emergency care practices and outcomes.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Kollikonda Mahendra Kumar	62327979	36511	M.S. (Orthopaedics)	Professor & HOD	Permanent
2	Dr. Penugonda Hanumantha Rao	93582921	43426	M.D. (General Medicine)	Professor	Permanent
3	Dr. Kanthala Santhosh Kumar	33244215	APMC/FMR/82031	M.D. (Anaesthesiology)	Assistant Professor	Permanent
4	Dr. Shirisha. G	33740300	APMC/FMR/84687	M.D. (Anaesthesiology)	Assistant Professor	Permanent
5	Dr. Buggaveeti Goutham	93353072	TSMC/FMR/27692	M.S. (Orthopaedics)	Senior Resident	Permanent
6	Dr. Kongara Rakesh	76727117	APMC/FMR/83949	M.S. (Orthopaedics)	Senior Resident	Permanent
7	Dr. Thammineni Sruthi	65949670	TSMC/FMR/03248	M.D. (Emergency Medicine)	Senior Resident	Permanent
8	Dr. Setti Vijaya	88196549	TSMC/FMR/00327	MBBS	Junior Resident	Permanent
9	Dr. Pranav Kumar	40737765	MCI/12-45972	MBBS	Junior Resident	Permanent
10	Dr. Killi Bhavani	66816814	TSMC/FMR/21385	MBBS	Junior Resident	Permanent
11	Dr. Jayite Bose	31391736	TSMC/FMR/36448	MBBS	Junior Resident	Permanent
12	Dr. Mera Divya Sree	02240042	TSMC/FMR/23747	MBBS	Junior Resident	Permanent
13	Dr. Nandivada Dasaradhi Phani	67709081	TSMC/FMR/15900	MBBS	Junior Resident	Permanent
14	Dr. Monagari Hemanth	61926918	21061	MBBS	Junior Resident	Permanent
15	Dr. Matoori Joshua Ajith Archie	48387393	TSMC/FMR/16153	MBBS	Junior Resident	Permanent

Courses Offered:

MD – Emergency Medicine

Objectives:

- To provide high-quality emergency medical care to all patients, regardless of age or condition
- To offer comprehensive teaching programs for medical students, residents, and fellows in emergency medicine
- To conduct research in emergency medicine and related fields to improve patient outcomes and advance medical knowledge
- To promote community awareness and education on emergency preparedness and health issues

Core Competencies:

The core competencies of the Emergency Department include:

- Immediate and efficient management of medical emergencies, including trauma, cardiac events, stroke, and acute illnesses.
- Postgraduate teaching programs in emergency medicine.
- Advanced diagnostic and treatment facilities, including rapid triage, resuscitation, and stabilization of patients.
- Coordination with specialty services for comprehensive care.

Facilities and Equipment:

- Fully equipped resuscitation bays
- Advanced cardiac life support (ACLS) and pediatric advanced life support (PALS) equipment
- Point-of-care ultrasound
- Rapid diagnostic imaging facilities (X-ray, CT, MRI)
- Automated external defibrillators (AEDs)
- Mechanical ventilators
- Central monitoring systems for continuous patient observation
- Intravenous (IV) medication pumps
- Emergency pharmaceuticals and antidotes

Procedures and Services:

- **Trauma Care:**
  - Rapid assessment and stabilization of trauma patients
  - Coordination with trauma surgery and orthopedic teams
- **Cardiac Emergencies:**
  - Management of acute myocardial infarction (heart attack)
  - Advanced cardiac life support (ACLS)
  - Thrombolytic therapy
- **Neurological Emergencies:**
  - Acute stroke management and thrombolysis
  - Management of seizures and status epilepticus
- **Respiratory Emergencies:**
  - Management of acute respiratory distress and failure
  - Non-invasive and invasive ventilation
- **Pediatric Emergencies:**
  - Pediatric advanced life support (PALS)
  - Management of pediatric trauma and acute illnesses
- **Toxicology:**
  - Management of poisoning and overdose cases
  - Administration of antidotes and supportive care
- **Procedural Sedation and Analgesia:**
  - Safe sedation practices for painful procedures
  - Pain management in acute settings

The Emergency Department is committed to delivering prompt, efficient, and compassionate care, ensuring that all patients receive the best possible treatment in critical situations.

Publications:

1. Krishna Sumanth, E. Praveen, P. Hanumantha Rao and M. Soundara Pandian. Radiological and Biochemical Evidence in Patients with Chronic Renal Failure: An Institutional Study. Int. J. Trop. Med., 2023;18 (3):10-14.
2. P. Hanumantha Rao, E. Praveen, D. Krishna Sumanth and M. Soundara Pandian. A Comparative Analysis of Ultrasonography and Biochemical Markers in Hepatobiliary Dysfunction. International Journal of Tropical Medicine.2023;18(3):5-9.
3. Mahesh Vinukonda, Kanthala Santhosh Kumar, Kiran Kumar Suggala. Comparative randomized study of usg guided transversus abdominis plane block versus usg guided caudal block for post-operative analgesia in paediatric unilateral open inguinal hernia repair. European journal of molecular & clinicalmedicine. September 2022;9(4):3909-3918.

Get In Touch

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Department Of General Medicine

Overview of Department:

Department of General Medicine caters the needs of primary, secondary and tertiary care to the people of Khammam and surrounding districts.

Department provides better care to patients in outpatient and inpatient department daily along with 24 hours casualty and critical care services in the ICUs.

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Midde Ranga Raja Rao	10918405	TSMC/13916	M.D. (General Medicine)	Professor & HOD	Permanent
2	Dr. Paleti Srikanth	09700732	TSMC/44029	M.D. (General Medicine)	Professor	Permanent
3	Dr. Alla Mohan Rao	19985203	TSMC/10211	M.D. (General Medicine)	Professor	Permanent
4	Dr. Kalakonda Srikanth	68727323	TSMC/47668	M.D. (General Medicine)	Professor	Permanent
5	Dr. Kannekanti Siva Ramakrishna	53146536	TSMC/13682	M.D. (General Medicine)	Professor	Permanent
6	Dr. Daruri V.C. Shobhan Kumar	71615811	TSMC/13191	M.D. (General Medicine)	Professor	Permanent
7	Dr. China Baburao	34957816	TSMC/ 43801	M.D. (General Medicine)	Associate Professor	Permanent
8	Dr. Dogiparthi Krishna Sumanth	73935330	TSMC/ 59775	M.D. (General Medicine)	Associate Professor	Permanent
9	Dr. Uma Vani Hiranmayee. K	29286530	APMC/FMR/81383	M.D. (General Medicine)	Associate Professor	Permanent
10	Dr. Thota Kranthi Kiran	20375899	APMC/FMR/74274	M.D. (General Medicine)	Assistant Professor	Permanent
11	Dr. Rajesh Jujuru	77467182	APMC/FMR/75233	M.D. (General Medicine)	Assistant Professor	Permanent
12	Dr. Ravella Ranjith	75985563	APMC/FMR/85112	M.D. (General Medicine)	Assistant Professor	Permanent
13	Dr. Kotni Shyam Kumar	44579473	APMC/ 51523	M.D. (General Medicine)	Assistant Professor	Permanent
14	Dr. Siripurapu Krishna Sagar Reddy	16761854	APMC/ 51523	M.D. (General Medicine)	Assistant Professor	Permanent
15	Dr. Veesam V S Ramakrishna	37195738	TSMC/ 48899	M.D. (General Medicine)	Assistant Professor	Permanent
16	Dr. Shaik Khaja Fareeduddin	90923113	APMC/FMR/88202	M.D. (General Medicine)	Assistant Professor	Permanent
17	Dr. Dugganapalli Dinesh Kumar Reddy	48815350	APMC/FMR/91310	M.D. (General Medicine), DM (Gastroenterology)	Assistant Professor	Permanent
18	Dr. Banoth Naresh	86387679	TSMC/FMR/10508	M.D. (General Medicine)	Assistant Professor	Permanent
19	Dr. Banoth Raja Rahul Naik	02152184	TSMC/FMR/05914	M.D. (General Medicine)	Assistant Professor	Permanent
20	Dr. Thoomu Pooja	66137354	TSMC/FMR/09685	M.D. (General Medicine)	Assistant Professor	Permanent
21	Dr. Murakonda Vinod Babu	50947938	66319	M.D. (General Medicine), DM (Nephrology)	Assistant Professor	Permanent
22	Dr. Karri Vijaya Phani Vardhan Reddy	73747514	TSMC/FMR/25250	M.D. (General Medicine)	Assistant Professor	Permanent
23	Dr. Dontheni Vijaya Lakshmi	39550967	TSMC/FMR/29928	M.D. (General Medicine)	Assistant Professor	Permanent
24	Dr. J. Ranadheer	96633560	APMC/FMR/86303	M.D. (General Medicine), D.M. (Neurology)	Assistant Professor	Permanent
25	Dr. Tammineni Roja	69213264	TSMC/FMR/10535	M.D. (General Medicine), D.M. (Neurology)	Assistant Professor	Permanent
26	Dr. Kandula Sneha	87569292	TSMC/FMR/10813	M.D. (General Medicine)	Assistant Professor	Permanent
27	Dr. Madasu Cyril Bharat	53678087	APMC/FMR/112629	M.D. (General Medicine)	Assistant Professor	Permanent
28	Dr. Pirangi Vanaja	28044662	TSMC/FMR/	M.D. (General Medicine)	Assistant Professor	Permanent
29	Dr. Patti Ganesh	66882199	APMC/FMR/80347	M.D. (General Medicine), DM (Endocrinology)	Senior Resident	Permanent
30	Dr. Marinreni Victoria	25108853	TSMC/FMR/09975	M.D. (General Medicine)	Senior Resident	Permanent
31	Dr. Veginati Mahendra	43601421	TSMC/FMR/05128	M.D. (General Medicine)	Senior Resident	Permanent
32	Dr. Bodapati Sushma	17455453	63706	M.D. (General Medicine)	Senior Resident	Permanent
33	Dr. Phanitharam Sree Dheeraj	94674523	TSMC/FMR/13103	M.D. (General Medicine)	Senior Resident	Permanent
34	Dr. Vanama Kavya	57273754	TSMC/FMR/17849	M.D. (General Medicine)	Senior Resident	Permanent
35	Dr. Lavu Ajay Babu	09544781	APMC/FMR/25211	M.D. (General Medicine)	Senior Resident	Permanent
36	Dr. Vellamki Sri Pujitha	04667989	TSMC/FMR/24349	M.D. (General Medicine)	Senior Resident	Permanent
37	Dr. Kolli Sai Charan	24189629	TSMC/FMR/24464	M.D. (General Medicine)	Senior Resident	Permanent
38	Dr. Meduri Sailaja	12086593	TSMC/FMR/16129	M.D. (General Medicine)	Senior Resident	Permanent
39	Dr. Siripurapu Durga Veera Ashok	93462551	TSMC/FMR/22416	M.D. (General Medicine)	Senior Resident	Permanent
40	Dr. Machineni Pushpa	26208173	TSMC/FMR/03707	M.D. (General Medicine)	Senior Resident	Permanent
41	Dr.Cherukuri Mounika	71162278	TSMC/FMR/06685	M.D. (General Medicine)	Senior Resident	Permanent
42	Dr. Pamarthi Meghavarna	67418012	TSMC/FMR/08947	M.D. (General Medicine)	Senior Resident	Permanent
43	Dr. Bolisetty Tulasi Devi	84818306	TSMC/FMR/17518	M.D. (General Medicine)	Senior Resident	Permanent
44	Dr. Maddineni Abhi Chandra	42431851		M.D. (General Medicine)	Senior Resident	Permanent

Learning Resources:

- Departmental library – 142 Books
- Desktop with internet connection
- Laptop
- LCD Projector
- Manikins

Clinical Services:

- Free OPD care
- Free registration & free consultation in OPD
- Free investigation, X-Rays and USG's
- Evaluation of the routine problem, malnutrition status and relevant preventive aspects.
- Even free medications, free specialty consultations
- Inpatient care is also free
- Free bed & diet
- Free CT Scans, MRI, 2D Echo for academic cases.
- Assessment and reassessment of the inpatients in morning & evening by consultants and post graduates regularly.
- Multi disciplinary assessments by cross references as and when required.
- Emergency care
- 25 beds, fully equipped casualty
- Mega critical care complex with complete ultramodern MICU, RICU, NICU, ICCU, AMC & a dialysis unit comprising 32 beds in total.
- All ICUs with central oxygen & suction, ventilators, cardiac monitors, pulse oxymeters, defibrillators, syringe pumps, blood gas analyzer, mobile X-Ray unit.
- Protocols displayed for all common emergencies in ICUs.

Community Health Services:

- Regular rural health camps
- School health camps.
- Adoption of villages 15.
- Detection and Medical advice of MALNUTRITION, Fluorosis in the area.
- College is a part of APAIDSCON, a NGO working with NACO.

Publications:

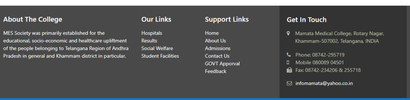
1. D Ramadevi, DVC Shoban Kumar, D Hari Priya, Evaluation and comparision of Neutrophil-To-Lymphocyte Ratio (NLR) as a diagnostic marker for dengue infection, European Journal of Molecular &Clinical Medicine, 2023;10(4):2515-8260.
2. DVC Shoban Kumar, D Ramadevi, D Hari Priya, Nallani CH Saketh Ram, Evaluation of the prevalence of urinary tract infection during pregnancy: An Institutional study, Journal of Cardiovascular Disease Research, 2023;14(6):0975-3583,0976-2833.
3. P.Hanumantha Rao, E.Praveen, D. Krishna Sumanth, and M. Soundara Pandian . A Comparative Analysis of Ultrasonography and Biochemical Markers in Hepatobiliary Dysfunction, International Journal of Tropical Medicine, 2023;18(3):5-9.
4. Krishna Sumanth, E.Praveen,P.HanumanthaRao and M.Soundara Pandian. Radiological and Biochemical Evidence in Patients with Chronic Renal Failure: An Institutional Study,International Journal of Tropical Medicine. 2023;18(3):10-14.
5. Hari Prasad Garudasu, Umavani Hiranmayee Kondabattini, An analytical cross-sectional assessment of the association of sensorineural hearing loss in type 2 diabetes mellitus patients, Journal of Cardiovascular Disease Research. 2023;14(5):1190-1194.
6. Hari Prasad Garudasu, Umavani Hiranmayee Kondabattini, An observational study to evaluate patient education on nasal spray technique for Allergic Rhinitis, Journal of Cardiovascular Disease Research, 2023;14(5):1526-1531.
7. Rachakonda.Srija, Rakesh C, Ghugulothu Deepthi. Evaluation Of Serum Ferritin As A Prognostic Marker In Acute Hemorrhagic Stroke, Indian Journal Of Applied Research, 2023; 13(3):2249-555X.
8. Rachakonda.Srija, Rakesh C, Ghugulothu Deepthi. Evaluation Of Serum Ferritin As A Prognostic Marker In Acute Hemorrhagic Stroke, Indian Journal Of Applied Research, 2023; 13(3): 2249-555X.
9. P.Shouryaraj, Venkata Sivarao Jannadi, Savavenkataraman Aregalli. Assessment of Hypoxemia Detection By Pulse Oximeter In COVID 19 Associated Pneumonia, International Journal Dental and Medical Sciences Research. 2023;5(1):374-377,2582-6018.
10. Thoomu.Pooja, Sama Rocky Vijith Kumar, Krishna Sagar Reddy Siripurapu. A Study On 100 Cases Of Ascites Etiology and Occurrence of ascites in 100 adult patients admitted with a acute medical illness, International Organization of Scientific Research. 2023;22(2):2279-0853.
11. Thoomu.Pooja, Sama Rocky Vijith Kumar, Krishna Sagar Reddy Siripurapu, A Study On 100 Cases Of Ascites Etiology and Occurrence of ascites in 100 adult patients admitted with a acute medical illness, International Organization of Scientific Research. 2023;22(2):2279-0853.
12. Rajahounsh. V, Study of testosterone levels in type II Diabetes mellitus patients in Telangana population, Volume 20 Issue 3 Page No:137-140, Dec 2021.
13. Rajahounsh. V, Study of C-Reactive protein in respiration tract infections in Telangana patients, March 2022;21(3):61-64.
14. Krishna Prasad, A Study on Clinical Profile and etiological factors of cerebrovascular disease in young patients, Nov 2021;4(19):328-333.

Orientation/invited guest lecturers attended by Faculty :

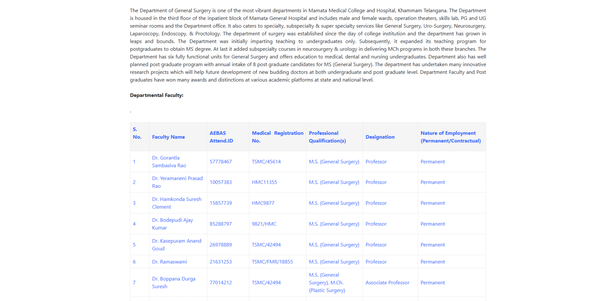
1. **Anil G.Namoshi, Prof & HOD –** APICON-2019, 74th Annual Conference,(KOCHI, KERALA),From 7th to 10th Feb-2019.
2. **D.Rajkumar Asst. Prof, Dr.K.Sunil Asst.Prof –** CROSS CONNECT, Echo Interpretation for Physicians, KOCHI, On 3rd May 2019.
3. **Anil .G.Namoshi Prof & HOD , Dr.T.Sravan S.R , Dr.K.Umavani Hiranmayee S.R , Dr.Venkata Naren P S.R –** TS-APICON- 2019, 4th Annual State Conference Karimnagar, on 10th & 11th Aug- 2019.
4. **Anil G.Namoshi Prof & HOD, Dr.D.Rajkumar Asst.Prof, Dr.M.Praneeth S.R –** National Diabetes Complication Care Program, Conference held on 14th & 15th Sept-2019.
5. **D.Ramakanth Asst.Prof, Dr.T.Sravan S.R –** AP APICON-2019, 47th Annual Conference (Guntur, Andhra Pradesh) From 13th to 15th Sept-2019

Research Projects:

1. Study on risk factors in patients with ischaemic stroke attending mamata general & super specialty hospital – **A.Karteek.**
2. Study of QTC Interval in Diabetes Mellitus as an Indicator of Cardiac Autonomic Neuropathy – **B.Sai Apoorva .**
3. Evaluation of lipid profile in patients with non-diabetic chronic kidney disease stage 3, 4, 5 – **C. Sireesha.**
4. A Study of clinical profile of cardiomyopathy in patients admitted to mamata general hospital – **G.Rahul.**
5. Comparative study of retinopathy and nephropathy in relation to hbalc levels in type2 DM – **Y.Kameeh.**
6. Study of impact of smoking on glycemic status in patients attending mamata general hospital Khammam – **Triveni Sana.**
7. Comparative study of lipid profile in type 2 diabetes mellitus in patients at mamata general hospital khammam. – **S.Vagdevi.**
8. Study of clinical and biochemical profile in chronic kidney disease in patients attending in mamata medical college and hospital khammam – **E.Chandrasekhar.**
9. Comparative study of lipoprotein(A)- A major risk factor for ischemic stroke – **Rajesh J.**
10. Study of serum sodium and potassium in newly diagnosed essential hypertensive patients attending, mamata general and superspecialty hospital – **Dr.K.Sanjay Kumar .**
11. Left ventricular mass in hypertension Correlative study of electrocardiography and echo cardiography in patients attending mamata general hospital khammam – **Dr.T.Kranthi Kiran.**
12. A Study of serum uric acid and creative protein in acute myocardial infarction- **S.Manjusha.**
13. A Clinical study of arrhythmias in acute myocardial infarction – **Tanneru Sri Varsha.**
14. Effect of zinc supplementation on glycemic control in newly detected type 2 diabetes mellitus – **P.Srija.**
15. A Study on occurrence of hypothyroidism (Clinical/Subclinical) in diabetes mellitus -2 and correlation of HbA 1C Levels with TSH Levels – **Bommi Reddy Pranathi Ravam.**
16. Association of post prandial hypertriglyceridemia and carotid atherosclerosis in patients with type-2 diabetes mellitus – **Y.Rahul.**
17. Comparative study on using serum cystatin- C over serum creatinine in calculating glomerular filteration rate to diagnose nephropathy in type-2 diabetes patients and hypertension patients – **Dr.R.Rajkumar.**
18. Cardiac changes in hepatic cirrhosis – **P.Sanjana.**
19. Study of pulmonary function tests in patients with hypothyroidism – **O.Bhavani Sai Keerthana.**
20. Study of sepsis with acute kidney injury – **G.Bhargav Reddy**
21. Study of metabolic syndrome in stroke – **Talluri Vanki.**
22. Study of correlation of HBA1C and left ventricular diastolic dysfunction in newly diagnosed type 2 diabetes mellitus – **K.Poojitha.**
23. A Study on mean platelet volume in acute coronary syndrome – **T.Surya Prakash.**
24. Serum uric acid-an independent risk factor in acute non-embolic ischaemic stroke -**C.V.Ramana Kumar.**



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General Surgery

Overview of Department:

The Department of General Surgery is one of the most vibrant departments in Mamata Medical College and Hospital, Khammam Telangana. The Department is housed in the third floor of the inpatient block of Mamata Medical Hospital and includes male and female wards, operation theaters, skills lab, PG and UG seminar rooms and the Department office. It also caters to specialties, subspecialty & super specialty services like General Surgery, Uro Surgery, Neurosurgery, Laparoscopy, Endoscopy, & Proctology. The department of surgery was established since the day of college institution and the department has grown in leaps and bounds. The Department was initially imparting teaching to undergraduate students. Subsequently, it expanded its teaching program for postgraduates to obtain MS degree. At last it added subspecialty courses in neurosurgery & urology in delivering MCh programs in both these branches. The Department has six fully functional units for General Surgery and offers education to medical, dental and nursing undergraduates. Department also has well planned post graduate program with annual intake of 8 post graduate candidates for MS (General Surgery). The department has undertaken many innovative research projects which will help to improve the management of new budding doctors at both undergraduate and post graduate level. Department Faculty and Post graduates have won many awards and distinctions at various academic platforms at state and national level.

Departmental Faculty:

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S. No.	Faculty Name	AEBAS Attend.ID	Medical No.	Registration	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Gorantla Sambasiva Rao	57778467	TSMC/45614		M.S. (General Surgery)	Professor	Permanent
2	Dr. Veramaneni Prasad Rao	10057383	HMCT1355		M.S. (General Surgery)	Professor	Permanent
3	Dr. Hamkonda Suresh Clement	15857739	HMC9877		M.S. (General Surgery)	Professor	Permanent
4	Dr. Bodepudi Ajay Kumar	85288797	9821/HMC		M.S. (General Surgery)	Professor	Permanent
5	Dr. Kasipuram Anand Govd	26978889	TSMC/42494		M.S. (General Surgery)	Professor	Permanent
6	Dr. Ramaswami	21631253	TSMC/FMR/18855		M.S. (General Surgery)	Professor	Permanent
7	Dr. Boppana Durga Suresh	77014212	TSMC/42494		M.S. (General Surgery), M.Ch. (Plastic Surgery)	Associate Professor	Permanent
8	Dr. Anantha Bhanu Prakash	54705331	APMC/FMR/80589		M.S. (General Surgery)	Associate Professor	Permanent
9	Dr. Gurram Laxmi Kanth	22098172	APMC/FMR/ 83698		M.S. (General Surgery)	Associate Professor	Permanent
10	Dr. Patibandla Hemanth	40246879	APMC/FMR/74762		M.S. (General Surgery)	Assistant Professor	Permanent
11	Dr. Kamepalli Stalin	74815664	TSMC/63735		M.S. (General Surgery)	Assistant Professor	Permanent
12	Dr. Siiii Bodepudi	37776545	TSMC/68862		M.S. (General Surgery), M.Ch (Surgical Gastroenterology)	Assistant Professor	Permanent
13	Dr. Polnati Swamy Kumar	51058884	APMC/72931		M.S. (General Surgery)	Assistant Professor	Permanent
14	Dr. Rajitha Yarlagadda	41738214	APMC/FMR/82169		DNB. (General Surgery)	Assistant Professor	Permanent
15	Dr. Palla Sushma Reddy	72731404	APMC/FMR/103314		M.S. (General Surgery)	Assistant Professor	Permanent
16	Dr. Dumapati Vijaya Durga	51144233	TSMC/FMR/04169		M.S. (General Surgery)	Assistant Professor	Permanent
17	Dr. Nampalli Anil Kumar	94405317	TSMC/FMR/02751		M.S. (General Surgery)	Assistant Professor	Permanent
18	Dr. Pulivarthi Sri Harsha	37700962	APMC/FMR/101655		M.S. (General Surgery)	Assistant Professor	Permanent
19	Dr. Alla Mounica	76095335	APMC/FMR/103354		M.S. (General Surgery)	Assistant Professor	Permanent
20	Dr. Ratakonda Srividya	20627570	APMC/FMR/105455		M.S. (General Surgery)	Assistant Professor	Permanent
21	Dr. Palepu Venkat Lalu	40640479	APMC/FMR/100055		M.S. (General Surgery)	Assistant Professor	Permanent
22	Dr. Telagathoti Anvesh	56233442	APMC/FMR/97294		M.S. (General Surgery)	Assistant Professor	Permanent
23	Dr. Kachamalla Divya	23105807	TSMC/FMR/18834		M.S. (General Surgery)	Assistant Professor	Permanent
24	Dr. Meda Rajasekhar	68526260	APMC/FMR/82170		DNB (General Surgery)	Senior Resident	Permanent
25	Dr. Nallabolu Shashidher	83481246	TSMC/FMR/10793		M.S. (General Surgery)	Senior Resident	Permanent
26	Dr. Boginni Kasiviswanath	29448263	TSMC/FMR/73848		M.S. (General Surgery)	Senior Resident	Permanent
27	Dr. Chavali Yadunandan	50654261	APMC/FMR/103960		M.S. (General Surgery)	Senior Resident	Permanent
28	Dr. Vunnam Pradeep Kumar	66173708	TSMC/FMR/20468		M.S. (General Surgery)	Senior Resident	Permanent
29	Dr. Sabbella Sai Siva Priya Reddy	43191208	TSMC/FMR/02119		M.S. (General Surgery)	Senior Resident	Permanent
30	Dr. Naru Sabarinatha Reddy	19054355	TSMC/FMR/16410		M.S. (General Surgery)	Senior Resident	Permanent
31	Dr. Garla Naga Samrat	43191208	TSMC/FMR/125218		M.S. (General Surgery)	Senior Resident	Permanent
32	Dr. Kuraparti Spurthy	28064668	APMC/FMR/123424		M.S. (General Surgery)	Senior Resident	Permanent
33	Dr. Inampudi Vishnu Vardhan	88561739	TSMC/FMR/25208		M.S. (General Surgery)	Senior Resident	Permanent

COURSES OFFERED:-

1. Undergraduate course ---- M.B.B.S. (150 students in each batch)
2. Postgraduate course---- M.S. (General Surgery) with yearly intake of 8

CORE COMPETENCIES

The ultimate goal of surgical training is to make the student skilled competent surgical practitioner, leader, communicator, teacher and lifelong learner as depicted by Medical council of India.

To achieve the required objectives following core competencies are taught to students both in undergraduate and postgraduate courses:

1. Patient Care – compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.
2. Training in Medical Knowledge about established and evolving biomedical, clinical, Surgical residents are expected to critically evaluate and demonstrate knowledge of pertinent scientific information.
3. Practice-Based Learning and Improvement that involves investigation and evaluation of their own patient care, appraisal, and assimilation of scientific evidence.
4. Interpersonal and Communication Skills that result in effective information exchange with patients and their families
5. Professionalism as manifested through a commitment to carrying out professional responsibilities, adherence to ethical principles
6. Systems-Based Practice-able to demonstrate an understanding of the role of different specialists and other health care professionals in overall patient management.

FACILITIES & LEARNING SOURCES OF THE DEPARTMENT:

The department is located in the third floor of inpatient block of Mamata General Hospital. The Department has department offices, library and chambers for faculty along with a central conference room. There are two clinical demonstration rooms for undergraduate student with seating capacity of fifty students in each room. There is a dedicated seminar room for the post graduates. Audio visual teaching aids such as broadband connection, LCD projectors, laptops are used by the departmental faculty for imparting up to date surgical knowledge to the students. The department also has separate departmental library for postgraduate students and faculty members. Theoretical and practical knowledge is imparted to students besides bedside clinical skills demonstration.

The Department also has well equipped Skills lab for training undergraduate and post graduate students. There are different anatomical models, mannequins and laparoscopic Endo trainer and suturing models to train the students.

The department has a well-established museum. with the requisite pathological specimens ,collection of x-rays, instruments which are used in teaching. both the undergraduates and postgraduates.

The department functions with six units having 180 beds. There are Four fully equippedds air-conditioned operation theatres dedicated to the department of surgery and are equipped with the state of the art equipment's like ventilators, B/Unipolar & spray diathermy, C-arm imaging, laparoscopes, defibrillator, endoscopes etc. All diagnostic and therapeutic laparoscopies are performed by surgeons. Super specialties such as Urology and Neurosurgery considerably enhance the services provided to the patients.

The post graduate students and the interns are given the hands on training along with the formal teaching. The Department of Surgery always strives to nurture an intellectually motivated environment to cultivate a quest for knowledge and passion for surgery among the students with an ultimate aim of turning them into surgeons of par excellence and good human beings.

AWARDS & ACHIEVEMENTS

1. **Prasan Kumar Hota.** Professor Dept of Gen Surgery awarded "**BEST TEACHER AWARD**" BY Telangana state ASI Chapter on March 11th 2019.
2. Dr Padmanabh Inamdar was awarded Endoscopy Fellowship of Indian association of Gastro Intestinal Endo Surgeons held at GSL SMART LAB, GSL MEDICAL COLLEGE, Rajahmundry held between 31st May to 2nd June 2019 Conference
3. **Padmanabh Inamdar** – awarded advanced course in Medical Education (ACME) conducted by Medical Council of India at Nodal Centre for Faculty Development KLE University's J. N.Medical College, Belagavi.
4. **Prachi Gang –** 1st prize in Best State Chapter paper presentation, 79th Annual Conference of ASI- ASICON-2019 from 18th 21st December 2019 at Bhubaneswar, Odisha.
5. **Kavya G –** 2nd prize in Dr. Pallaniveilu Best PG Paper presentation, 79th Annual Conference of ASI- ASICON-2019 from 18th 21st December 2019 at Bhubaneswar, Odisha.

RESEARCH PUBLICATIONS

1. K Anand Goud. Assessment Of Neutrophil – Lymphocyte Ratio, Serum Bilirubin Levels And Beside Index Of Severity In Predicting Acture Pancreatitis Severity. International Journal of Tropical Medicine. 2024;19(2):7-11.
2. K Anand Goud. Assessment Of Peritoneal Fluid Culture And Antibiotic Sensitivity In Patients with Perforative Peritonitis. International Journal of Tropical Medicine. 2024;19(3):275-278.
3. Pravalika F, Reddy MR, Prakash AB. Comparison between FNAC and TRU cut biopsy in patients with breast lump. International Journal of Surgery Science. 2024;8(3):107-13.
4. Reddy SSSP, Prashanth YV, Stallin K. A comparative study of RIPASA score and modified Alvarado score in diagnosis of acute appendicitis. International Journal of Surgery Science. 2024;8(2):26-32.
5. Christina BSS, Kamepalli S, Reddy MV. Validation of modified LRINEC scoring system in the early diagnosis of necrotizing fasciitis in patients with soft tissue infections. International Journal of Surgery Science. 2024;8(1):95-103.
6. Mohammed Abdul Bari, Mohammed Hassan Rafeeq, Bandela Venugopal, Mohammed Irfan Nagnur. Functional and Radiological Outcome by Various Modalities of Surgical Fixation of Proximal Humerus Fracture. Journal of Cardiovascular Disease Research. June 2023;14:1122-1129.
7. Mohammed Abdul Bari, Mohammed Hassan Akram, Bandela Venugopal, Mohammed Irfan Nagnur. Study of Evaluation of Functional Outcome of Compound Fractures of Tibia Treated Surgically by Unreamed Interlocking Nail in Adult Patients. European Journal of Cardiovascular Medicine. June 2023; (132):1502-1521.
8. Pravalika F, Reddy MR, Prakash AB. Comparison between FNAC and TRU cut biopsy in patients with breast lump. International Journal of Surgery Science. 2024; 8(1):07-13.
9. Inamdar, P, Inamdar, DP, Hota PK, Avinash Y, Fotfedar P, Basavaraju A, et al. Perception and role of indirect and post-discharge surveillance in predicting surgical site infection in surgical patients: An Institutional experience. Journal of The West Indian College of Surgeons. 2024(0): XXXX-XXX.
10. Harish Babu Ravoori, Chinmai Hyndavi, Pradeep Kumar Vunnam. A Comparative Study between Wagner's Classification and new wound Based Diabetic Foot Ulcer Severity Score. Int Surg J. 2023 Mar;10(3):443-449.
11. Prasan Kumar Hota, Mohammad Fareedh, Praneet Murthika. Clinico-Pathological Features and Surgical Management of Multinodular Goitre. Int Surg J. 2023 Apr; 10(4):631-636.
12. Hare Ram Singh, C Raghuram Chowdary, M Rajavardhan Reddy. Comparative Study Between Skin Suture Versus Skin Stapler In Abdominal Surgery, Int Surg J. 2023 Apr;10(4):586-592.
13. Sanghamithra Gouraj, Sree Mounika Shastri, Bhanu Prakash Anantha. Comparative Study on outcome of Surgical Management of Varicose Veins with and without great Saphenous Vein Stripping, Int Surg J. 2023 Apr;10(4):620-624.
14. Gardas Akshitha, Morthala Venkata Reddy, Anusha Ananthula,Effectiveness of Laparoscopic Appendectomy over Appendectomy In A tertiary care centre:A Retrospective study, Int Surg J. 2023 Apr; 10(4): 614-619.
15. Roja Rani, Laxmikanth Gurram, Sai Krishna Korathan. The impact of elective diagnostic laparoscopy in diagnosing chronic abdominal pain, Journal of Cardiovascular Disease Research. 2023; 14(9):1548-1552.
16. Abhishek Y, Laxmikanth Gurram, Sai Krishna Korathan, Efficacy of honey dressing in chronic wounds with biofilm, Journal of Cardiovascular Disease Research,2023;14(9):1537-1562.
17. Divya R, Poornima O. Rao GSS. A prospective comparative study between laparoscopic and open cholecystectomy-Our experience. International Journal of Surgery Science. 2023; 7(4):91-96.
18. Ramaswami B, Natarajkumar, Rakesh Shagarti. Incidental of Gall Stone in Different Gender and Sex. ejmcm, 2022;9(4):331-335.
19. Ramaswami B, Nataraj Kumar, Rakesh Shagarti, A.Anusha. Comparative study of serum cholesterol, bilirubin, calcium and phosphorous in different types of gallstones, age and sex. ijhsr, 2022;5(3):548-552.
20. Nataraj Kumar, Ramaswami B, Priyanka. A Comparative Study Between Surgical and Cutting Diathermy for skin incisions. ejmcm, 2022;9(6):1110-1134.
21. Lenina Goda, Padmanabh Inamdar, Prasan Kumar Hota, Palepu Venkat Lalu. A prospective randomised study of conservative versus surgical management of appendicular mass. I J S M, (2022) 8(2):31-37.
22. Sushma, J, Pavan Kumar, M. L, Bhargavi. A study to evaluate post operative drop in serum albumin level as marker for surgical stress and predictor for clinical outcome in Laparotomy patients, International Surgery Journal Sushma P et al. Int Surg J. 2022 Dec; 9(12): xxx-xxx.
23. Prasan Kumar Hota, Nikhitha Bung, Yeramaneni Venkat Prashanth. Original Research Article A study of non-traumatic gastrointestinal perforations in a tertiary care hospital. International Surgery Journal. 2021 Sep;8(9):2656-2661.
24. Inamdar, PK Hota. Feasibility and effectiveness of Direct Observation of Procedural skills (DOPS) in General Surgery discipline: a Pilot study, Indian J Surg 2021 May . (scopus indexed).
25. Nikhilesh Yalamanchili, Venkata Reddy Mortala, Rasaghnnoya Medasani and Rama Krishna Reddy Gade. Study of modified Alvarado score and ultrasound imaging with post – operative histopathology in diagnosis of acute appendicitis. International Journal of Surgery Science. 2021; 5(6):91-96.
26. Inamdar, P, Hot P.K & Undi M. Feasibility and Effectiveness of Direct Observation of Procedure Skills (DOPS) in General Surgery discipline: a Pilot Study. Indian J Surg (2021).
27. Inamdar DP, Anuradha B, Inamdar P, Patil PS, Microbiota of Bronchoalveolar Lavage Samples from Patients of LowerRespiratory Tract Infection: A Changing Trend. J Pure Appl Microbiol. 2021;15(3):1508-1516.
28. Kumar S., Sreenivasa P. Post-operative complications and pain comparison between modified Bassini's repair and Lichtenstein's hernioplasty in inguinal hernia repair. International Surgery Journal.2021 Feb;8(2):579-582.
29. Kumar S., Rudra Prasad Reddy T. Study of open cholecystectomy for gall bladder disorders. International Surgery Journal.2021 Mar;8(3):826-830.
30. M. Rami Mani, Anantha Bhanu Prakash. A Clinico-Pathological Study on Cervical Lymphadenopathy. SAS J Surg. Dec 2021;7(12):740-750.
31. Nikhilesh Yalamanchili, Venkata Reddy Mortala, Rasaghnnoya Medasani and Rama Krishna Reddy Gade. Study of modified Alvarado score and ultrasound imaging with post – operative histopathology in diagnosis of acute appendicitis. International Journal of Surgery Science. 2021; 5(6): 91-96.
32. Nikhilesh Yalamanchili, Venkata Reddy Mortala, Rasaghnnoya Medasani and Rama Krishna Reddy Gade. Study of modified Alvarado score and ultrasound imaging with post – operative histopathology in diagnosis of acute appendicitis. International Journal of Surgery Science. 2021; 5(6): 91-96.
33. Ramakrishna Reddy G, Venkata Reddy M, Padmanabh Inamdar. A Comparative Study Between Platelet Rich Plasma And Conventional Dressing In Chronic Non Healing Leg Ulcers. International Surgery Journal . March-2020;7(3):751-756.
34. Rohit Reddy Rapaka, Venkata Reddy M. A study on assessment of postoperative complications among major abdominal surgeries using Clavien-Dindo classification. International Surgery. Int Surg J. 2020 Jun;7(6):1788-1792.
35. Ramakrishna Reddy G, Venkata Reddy M, Padmanabh Inamdar, A Comparative Study Between Platelet Rich Plasma And Conventional Dressing In Chronic Non Healing Leg Ulcers. Int Surg J. March 2020;7(3):751-756.
36. Venkata Reddy M, Varun Deep K, Inamdar P. A comparative study of foot infections in diabetic and non-diabetic patients with reference to etiopathogenesis, clinical features and outcome. Int Surg J. 2020 May;7(5):1496-1502.511.
37. Ramakrishna RG, Venkata RM,Inamdar P. *A comparative study between platelet richplasma and conventional dressing in chronic nonhealing leg ulcers.* Int Surg J.2020;7:751-756.
38. Gurram L, Inamdar P, Manogyna D. Role of laparostomy in preventing early morbidity and mortality in advanced peritonitispatients. Surgical Update: Int J surg Orthopedics.2020;6(1):1-6.
39. Venkata RM, Varun DK, Inamdar P. A comparative study of foot infections in diabetic and non-diabetic patients with reference to etiopathogenesis, clinical features and outcome. Int Surg J 2020;7:1496-502.
40. Ramakrishna Reddy G, Venkata Reddy M, Padmanabh Inamdar, A Comparative Study Between Platelet Rich Plasma And Conventional Dressing In Chronic Non Healing Leg Ulcers. International Surgery Journal. March-2020;7(3):751-756.
41. Maruti Basa, Kamati Prakash. A study on outcome of primary closure versus open fistulectomy in low level fistula in ano. International Surgery Journal. Apr 2020;7(4):1015-1020.
42. Maruti Basa, Kamati Prakash. A clinical study of various presentations of intestinal tuberculosis, evaluation, management and it's complications. International Surgery Journal. Apr 2020. 7(4):1263-1269.
43. B Anil kumar, Rehman mumtaz Mhdhammand, Bandi Vinuthna, A Sri Rajeewar Choudary. A Study of Incidence of Malignancy in a Solitary nodule thyroid. Ijar. Feb 2020;9(2):1-3.
44. Aditya Prasad Padhy, Inturi Pranay, Sarvesh Biradar, An unusual presentation of acute gastric volvulus in the elderly patient: a case report and literature review. International Surgery Journal. 2020;7(8):1.

ONGOING RESEARCH PROJECTS

1. O Poornima – A Comparative study between open and Laparoscopic Cholecystectomy.
2. M Rajavardhan Reddy- Comparison between FNAC and Trucut Biopsy in patients with Breast Lump.
3. Dr P Supriya Naik – A Comparative Study of Desarda Technique Versus Lichtenstein mesh Repair in inguinal hernia.
4. P Naresh – Surgical APGAR Score A Predictor of outcome in Emergency Gastro intestinal Procedures.
5. Nikitha Bung- Assessment of Surgical outcome using P-Possum score in perforative Peritonitis.
6. Y Venkat Prasanth – A Comparative study of Ripasa score and Modified Alvarado score in Diagnosis of Acute Appendicitis,
7. G Sanghamithra – Analysis of Upper Gastro-intestinal Endoscopic Findings in patients with Gallstone Disease presenting with Dyspepsia.
8. A Anusha – A Comparative study of Laparoscopic and open Appendectomy.

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8. A Anusha – A Comparative study of Laparoscopic and open Appendectomy.

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Department Of Microbiology

Overview of Department:

The Department of Microbiology undertakes the teaching of post graduates and undergraduate medical students in order to provide knowledge and skills in infectious diseases and immunology that are essential for the practice of medicine. The department is well equipped with different sections including Bacteriology, Mycobacteriology, Parasitology, Mycology, Serology and Virology labs. The infrastructure, Staff pattern, the different medical courses and diagnostic laboratories are established and run strictly as per the MCI regulations and Dr.KNRUHS stipulations. Museum with more than 100 exhibits, library with 138 books, computers, LCD Projectors, Binocular Microscopes etc are useful for UG/PG students and faculty. Appropriate biosafety precautions are maintained in each working area for the laboratory staff. The department also contributes to public-private partnership in association with RNTCP where the diagnosis of tuberculosis and HIV are done free of cost. It also contributes to the infection control activities in the Hospital. It has a well-equipped research lab where PhD activities will be initiated.

Departmental Faculty:

S.No.	Faculty Name	AEBAS Attend.ID	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Perumalla Sreelatha	95002301	Professor & HOD	Permanent
2	Dr. Basavaraju Anuradha	89081768	Professor	Permanent
3	Dr. Bhuvanagiri Nageshwar Rao	35381220	Professor	Permanent
4	Dr. Suryadevara Vijay Durga	65485744	Professor	Permanent
5	Dr. Preeti Tanmay Bhavthankar	58158430	Associate Professor	Permanent
6	Dr. A. Geethanjali	60390766	Assistant Professor	Permanent
7	Mr. Ramu Kota	84381137	Assistant Professor	Permanent
8	Dr. Anam Pradeep Reddy	33086354	Assistant Professor	Permanent
9	Dr. Maitra Krishnan Carunguzhi	86962443	Tutor	Permanent
10	Dr. Mailarum Priyanka Reddy	58109873	Tutor	Permanent
11	Dr. Mogulla Akash	43729107	Tutor	Permanent
12	Dr. Guggilla Sahithi	77052748	Tutor	Permanent
13	Dr. Geethika Kotha	14281478	Tutor	Permanent
14	Dr. Darapuneni Madhurima	58109873	Tutor	Permanent
15	Dr. Hajira Fathima	19188749	Tutor	Permanent
16	Dr. Rayala Chandana	9493412	Tutor	Permanent
17	Dr. Shaik Aslam	4261034	Tutor	Permanent

Courses offered

- **Undergraduate** : MBBS
- **Postgraduate** : M.D. (Microbiology)
- **Ph.D Programme** : There are two faculty members recognized as guides by Dr.NTRUHS

Clinical Microbiology:

- Laboratory investigations for the diagnosis of diseases catering to the needs of patients attending M.G.H
- Laboratory investigations done – HIV, Hepatitis, Dengue fever, Malaria, Typhoid fever, Cholera, Diphtheria, Urinary Tract Infections, Meningitis, Pyogenic infections, Tuberculosis etc.

In addition the dept. participates in

- Infection control programme,
- identification and reporting of unconventional Microbial Agents
- Monitoring infections: Bacterial isolates and their Antibiotic sensitivity patterns are regularly monitored. Urinary tract infections, chronic non – healing ulcers, blood cultures from fever cases, lower respiratory tract infections are some of the clinical conditions which were studied. Strains of Methicillin resistant Staphylococcus aureus (causing Hospital Acquired infections) were identified. Stenotrophomonas, Acenetobacter isolates from lower respiratory tract infections were found to be resistant to many antibiotics.
- Monitoring disinfection of operation theatres
- Hospital waste disposal.

Research Publications:

1. P.Balaji, S. Agni Vishnu Sailesh, M. Bhaskar Rao & B. Nageshwar Rao. Diagnostic Value of Neutrophil- to-Lymphocyte Ratio, Serum Interleukin-6 and CRP in Pediatric Tonsillitis. Int. J. Trop. Med. 2025;20(1):49-53.
2. Inamdar, Dhanashree P. Kulkarni, Arun, Basavaraju Anuradha. Genital ulcer disease: Study of factors associated and utility of rapid diagnostic methods in current pandemic- 2024. Journal of Family Medicine and Primary Care. April 2024;13(4):1473-1480.
3. Padmanabh Inamdar Dhanashree P.Inamdar Prasan kumar Hota, Y.Avinash , Pravalika Fothedar, Anuradha Basavaraju, Bathina Nikhil Reddy,Naru Sabarinatha Reddy "Perception and Role of Indirect and Post discharge Surgical site infection (SSI) in surgical patients : An institutional experience." Accepted Journal of West African College of Surgeons (pubmed indexed)
4. Anne T, Suryadevara V, Anuradha B. A comparative study on prevalence of uropathogens and their antibiogram in diabetics and non-diabetics attending a tertiary care hospital. Int J Res Med Sci. 2024;12:1197-1202.
5. 4. Preeti U Deshpande, Anuradha Basavaraju, Nagapraveen Veerapu, Ashish Akula. Knowledge, attitudes, and practices toward COVID-19 and its prevention among medical and dental students in an educational institution in Telangana. Indian J Pathol. Apr 2024;67(2):349-354.
6. Inamdar P, Inamdar DP, Hota PK, Avinash Y, Fothedar P, Basavaraju A, et al.Perception and role of indirect and post-discharge surveillance in predicting surgical site infection in surgical patients: An institutional experience. J West Afr Coll Surg. Sep 2024;0(0):1-8.
7. P. Sreelatha, P. Shyam Sunder Rao and B. Nageshwar Rao, 2024. Early Detection of Dengue Fever on Day One Using Clinical Criteria and NS1 Antigen Microelisa: A Comparative Study with Immunochromatography. Res. Nov 2024;18(12):151-155.
8. P Sreelatha., et al. "Evidence Based Diagnosis of a Case of Tetanus". EC Microbiology Dec 2024;20(12):01-04
9. Sreelatha P, Rao PSS, Rao BN. Syphilis an overview: the resurgence of an old foe – clinical presentation, diagnostic challenges, and treatment outcomes from a tertiary care center. Ro J Infect Dis. 2024;27(4):277-282.
10. C Sreelatha and P Shyam Sundar Rao " A hospital based retrospective observational assessment of the emerging cases of mucormycosis in post COVID -19 disease patients" Publish in Journal of Advances in Microbiology Research". JRM 2023;4(2):01 -04.
11. Inamdar D P, Deshpande P U, Basavraju A, Veerapu N. Fungal Rhinosinusitis: Study of Risk Factors,Outcome and Utility of Nasal Samples in Its Diagnosis. Iran J Med Microbiol. 2023;17(4):387-95.
12. Inamdar Dhanashree, K Arun, B Anuradha.Genital Ulcer Disease: Study of Factors Associated and Utility of Rapid Diagnostic Methods in Current Pandemic." Accepted (Dec 2023) in Journal of Family medicine and Primary care (PUBMED indexed).
13. G.V.S. Mahesh, N. Harshini, B. Nageshwar Rao, B. Anuradha and Mohammed Ashraf Mohiddin Siddiq "Prevalence of Methicillin Resistant *Staphylococcus aureus* (MRSA) Nasal Carrier State among Pediatric Patients and Para-Medical Staff in Tertiary Care Hospital"
14. Uthira Kumar, A Suma Preethi, Y V Ramakrishna Reddy, K Kalyan Kumar, B Nageshwar Rao," Effect of trimetazidine in experimental animals with coronary heart disease or and in combination with diabetes mellitus. Published in International Journal of Clinical Biochemistry and Research. 2022 Jan 29; 9(1): 17-21.
15. Smitha Reddy, B.V.Anuradha Devi, Swarupa Ravuri, B.Nageshwar Rao, Danda Samyukta Reddy5, Anunayi Jestadi. Study of role of Platelet count and mean platelet volume in evaluating the disease severity in Covid 19 Infection –our experience at tertiary care hospital. European Journal of Molecular & Clinical Medicine. 2022; 09(07).
16. Nagapraveen Veerapu, Dhanashree P Inamdar , Baer P Ravi Kumar, Basavaraju Anuradha , Pavitra Guddanti, Sree D Issapuri, Nikhita S Ganta, Arun Gopi. Effectiveness of COVID-19 Vaccines against SARS-CoV-2 Infection among Persons Attending the RT-PCR center at a Medical College Hospital in Telangana: A Case- Control Study. Indian Journal of Community Medicine, October-December 2022;47(4):587-590.
17. B. Nageshwar Rao. Effect of trimetazidine in experimental animals with coronary heart disease or and in combination with diabetes mellitus, International Journal of Clinical Biochemistry and Research 2022;9(1):17–21.
18. B.Nageshwar Rao, Evaluation of Hepatic Enzyme Levels and Haematological Profiles in Chikungunya Patients- An Institutional Study, Asian Journal of Research in Biochemistry, 2021;9(4): 34-40.
19. Inamdar, Dhanashree, Anuradha B,. Phenotypic methods for detection of Amp C b lactamases in Gram negative clinical isolates of a tertiary care hospital. Indian Journal of Microbiology Research. 2020;7:125-129.







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Neuro-Surgery

Overview of Department:

Most people think of neurosurgery as brain surgery — but it is much more. It is the medical specialty concerned with the diagnosis and treatment of of patients with injury to, or diseases / disorders of the brain, spinal cord and spinal column, and peripheral nerves within all parts of the body. The specialty of neurosurgical care includes both adult and pediatric patients. Dependent upon the nature of the injury or disease a neurological surgeon may provide surgical and/or non-surgical care.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Kasukurthi Jagadeesh Babu	97980739	TSMC/FMR/43057	M.Ch.(Neuro Surgery)	Professor & HOD	Permanent
2	Dr. Tanmay Dilip Bhavthankar	65881101	TSMC/FMR/02464	M.Ch.(Neuro Surgery)	Associate Professor	Permanent
3	Dr. Juluru V S S K Chaitanya	93084132	74481	M.Ch.(Neuro Surgery)	Assistant Professor	Permanent
4	Dr. Enapalli Nagaraju	65587058	APMC/FMR/78798	DNB(General Surgery)	Assistant Professor	Permanent
5	Dr. Ganji Balaji	60038756	APMC/FMR/89750	M.S. (General Surgery)	Senior Resident	Permanent
6	Dr. Poornima Oggu	75609870	TSMC/FMR/06825	M.S. (General Surgery)	Senior Resident	Permanent
7	Dr. Jana Bhaskar	96265196	TSMC/FMR/06825	M.S. (General Surgery)	Senior Resident	Permanent
8	Dr. Maheshwaram Sandeep Raj	03484646	APMC/FMR/78599	M.S. (General Surgery)	Senior Resident	Permanent
79	Dr. Gottam Sravya	00515967	APMC/FMR/108544	M.S. (ENT)	Senior Resident	Permanent

Courses Offered : 2 M. Ch. seats of superspeciality through NEET.

Facilities and Learning sources:

1. ft Laminar flow Neuro operation theatre
2. Mind –Ray Anaesthesia work station
3. Moller – Wedol (German) Neurosurgical operating Microscope
4. Phillips (Phillur – M 70) 7 bulb single dome over head operation theater light
5. Excel mono and bipolar electro cautery opparatus
6. Allengers fluoroscopy C arm machine
7. Neurosurgery electric craniotomy drill
8. One resuscitative and recuparatory room with 2beds, with adequate emergency items.

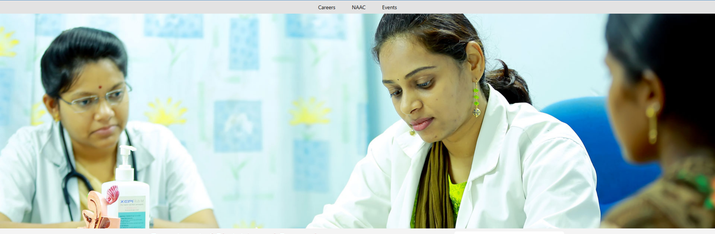
Research and Publications:

1. Jagadeesh Babu K, Golla Ramakrishna, V.V. Satyanarayana Murthy, Strategies for the Prevention and Management of Complications in Spinal Surgery: An Institutional Perspective. Research Journal of Medical Sciences.2024;18(3):34-38.
2. Jagadeesh Babu K, Golla Ramakrishna, V.V. Satyanarayana Murthy, A Comprehensive Analysis of Etiology and Surgical Results in Spontaneous Intracerebral Hemorrhage Cases. Research Journal of Medical Sciences.2024;18(3):39-43.
3. Golla Ramakrishna, K.JagadeeshBabu, K.V.V.Satyanarayana Murthy. Strategies for thePrevention and Management ofComplications in Spinal Surgery: An Institutional Perspective. Research Journal of medical sciences . December 2023; 18(3): 34-38.
4. Golla Ramakrishna, K.JagadeeshBabu, K.V.V.Satyanarayana Murthy.A Comprehensive Analysis of Etiology and Surgical Results in Spontaneous Intracerebral Hemorrhage Cases Research Journal of medical sciences . December 2023; 18(3): 39-43.
5. Vimala A, Jagadeesh Babu K, nikhilesh Y, Ramakrishna reddy G. An Analysis of Endoscopic Destandau Method versus Standard Open Discectomies for Lumbar Disc Herniations in a Semi-Urban area: A Prospective Study. Journal of cardiovascular disease research. August 2023; 14(8): 257-270.
6. Vimala A, Jagadeesh Babu K, nikhilesh Y, Ramakrishna reddy G. Exploring the origins & surgical outcomes for spontaneous intracerebral haemorrhage.Journal of cardiovascular disease research. JULY 2023; 14(7): 1182-1197.
7. Tanmay Bhavthankar, Manbachan Singh Bedi, Vimala A, K Jagadeesh Babu, G Malleswar Rao. Studying the clinical profile of the patients with head injury,factors affecting its prognosis along with role of Glasgow Coma Scale (G.C.S.) in its outcome. Journal of cardiovascular disease research. October 2023; 14(10): 291-298.
8. Tanmay Bhavthankar, Manbachan Singh Bedi, Vimala A, K Jagadeesh Babu, G Malleswar Rao. Clinical Experience in Surgical Modalities of Spontaneous Intracerebral HemorrhageStudying. Research Journal of medical sciences .October 2023; 18(1): 42-47.
9. Jagadeesh Babu K, Ramakrishna G. Surgical outcome of Cervical Spondylotic Myelopathy: A Prospective study. International Journal of Neurology and Neurosurgery. December 2020; 12(4):163-169.
10. Jagadeesh Babu K, Vimala A, Rohit R A. Levetiracetam versus Phenytoin for seizure prophylaxis in severe traumatic brain injury. International Journal of Applied Research. April 2020: 10(4); 1-2.
11. Jagadeesh Babu K, Vimala A, Kamesh K. Comparative study of Open versus Endoscopic Discectomy (Destandau Technique) in Lumbar Disc Herniation at a semi urban set-up. International Journal of Orthopaedic Sciences. March 2020; 6(2): 666-671.
12. Vimala A, Jagadeesh Babu K, Rohit R A. Levetiracetam versus Phenytoin for seizure prophylaxis in severe traumatic brain injury. International Journal of Applied Research. April 2020; 10(4): 1-2.
13. Vimala A, Jagadeesh Babu K, Kamesh K. Comparative study of Open versus Endoscopic Discectomy (Destandau Technique) in Lumbar Disc Herniation at a semi urban set-up. International Journal of Orthopaedic Sciences. March 2020; 6(2): 666-671.





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Department of Obstetrics and Gynaecology

Overview of Department:

The Department of Obstetrics and Gynaecology at MMC, KHAMMAM was established in 1998.This is a multi- specialty department providing high quality patient care in the areas of antenatal care, postnatal welfare and infertility. The department brings first-hand clinical services with an updated academic curriculum and advanced level of research. The vision is to establish a centre of excellence for the reproductive health needs of women, train the next generation and be involved in expanding research.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Movva Naimisha	26408695	TSMC/70373	M.S. (Obstetrics and Gynaecology)	Professor & HOD	Permanent
2	Dr. Garapati Vijaya Sree	77161124	TSMC/37263	M.D. (Obstetrics and Gynaecology)	Professor	Permanent
3	Dr. Bakshi Kavitha	65594798	TSMC/35896	M.D. (Obstetrics and Gynaecology)	Professor	Permanent
4	Dr. Bodepudi Madhuri	93129814	TSMC/43517	M.D. (Obstetrics and Gynaecology)	Professor	Permanent
5	Dr. Lokam Geetha	69121995	TSMC/55489	M.S. (Obstetrics and Gynaecology)	Professor	Permanent
6	Dr. Lalitha Bai Rathod	25095365	TSMC/64488	M.S. (Obstetrics and Gynaecology)	Associate Professor	Permanent
7	Dr. Babyrani Nalla	90298133	TSMC/49174	M.S. (Obstetrics and Gynaecology)	Associate Professor	Permanent
8	Dr. Bhumaraju Bhargavi	06162673	TSMC/FMR/01481	M.S. (Obstetrics and Gynaecology)	Assistant Professor	Permanent
9	Dr. Chintrila Gowri Prashanthi	31739478	57497	DNB (Obstetrics and Gynaecology)	Assistant Professor	Permanent
10	Dr. Kandukuri Sai Prasanna	22741664	TSMC/FMR/17433	M.S. (Obstetrics and Gynaecology)	Assistant Professor	Permanent
11	Dr. Lakshmi Sowjanyatsama	83821332	APMC/FMR/84601	M.S. (Obstetrics and Gynaecology)	Assistant Professor	Permanent
12	Dr. Pandiri Teja Reddy	83486902	APMC/FMR/86251	M.S. (Obstetrics and Gynaecology)	Assistant Professor	Permanent
13	Dr. Kethineedi Ravali	61342584	TSMC/FMR/38478	M.S. (Obstetrics and Gynaecology)	Assistant Professor	Permanent
14	Dr. Kurapati Maneesha	32830204	APMC/FMR/20126	M.S. (Obstetrics and Gynaecology)	Assistant Professor	Permanent
15	Dr. Naillamolu Kalpana	62042819	APMC/FMR/87145	DNB (Obstetrics and Gynaecology)	Senior Resident	Permanent
16	Dr. Yalamandala Devisri	58310425	TSMC/FMR/15321	M.S. (Obstetrics and Gynaecology)	Senior Resident	Permanent
17	Dr. Mudragada Lakshmi Indu	58194603	TSMC/FMR/20463	M.S. (Obstetrics and Gynaecology)	Senior Resident	Permanent
18	Dr. Pichikala Lavanya	52585969	TSMC/FMR/25032	M.S. (Obstetrics and Gynaecology)	Senior Resident	Permanent
19	Dr. Madukuri Lakshmi Harika	12078852	TSMC/FMR/25216	M.S. (Obstetrics and Gynaecology)	Senior Resident	Permanent
20	Dr. Chirumamilla Niharika	07401772	TSMC/FMR/25051	M.S. (Obstetrics and Gynaecology)	Senior Resident	Permanent

Courses offered

The Department of Obstetrics & Gynaecology, MMC, KHAMMAM offers the following program: MS – Obstetrics & Gynaecology,

Clinical Services

The Department provides complete obstetrical care, comprehensive family welfare, infertility management, endoscopic surgery, menopause management, and reconstructive surgery. We also manage high risk pregnancies. Community services are being provided like the campaign for anemia prevention, pulse polio, save the girl child, adolescent, cancer screening and school health, throughout the year.

Academics

Our educational endeavors include teaching undergraduate medical students during their clinical rotation for both MBBS and postgraduates (MS students). A well-structured curriculum for the undergraduate and postgraduate programs balances the strengths of sub-specialization and general practice.

Core Competencies

- Infertility
- High risk Pregnancy
- Gynecologic surgeries
- Colposcopy clinic
- High risk pregnancy clinic
- Endoscopy
- Community care.

Labs & Facilities

Individual departments under MMC are supported by good infrastructure for research and clinical experience.

Libraries

Libraries have excellent resources for reference and study

Hospitals

Teaching in hospitals give students hands-on learning

Awards and achievements

- Manne Suvidha (R.No:14051087), 153/200 **(Academic Year: 2019-20)**

Research & Publications:

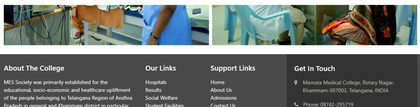
1. Rebala Harshini, M Naimisha, Lokam Geetha. Evaluation Of Fetal Kidney Length Measurement In Estimation Of Gestational Age In Second Half Of Pregnancy. Journal of Cardiovascular Disease Research. 2024;15(1):1430-1438.
2. Naimisha, Rebala Harshini, L Geetha. Evaluation Of Fetal Kidney Length Measurement In Estimation Of Gestational Age In Second Half Of Pregnancy. Journal of cardiovascular disease research. 2024; 15(01): 0976-2833.
3. Basanta Manjari Hota, Kavitha Bakshi, Geetha Lokam, Naimisha Movva. Clinicopathological Analysis Of Postmenopausal Bleeding And Endometrium. Folia Medica Indonesiana. 2024;60(1):1-7.
4. Manjari BH,Naimisha.m, Kavitha.B, Sneha.G, Glanzmann Thrombasthenia as a rare case of menorrhagia, a case report with review of Online J of Gynecology, Obstetrics and maternity care. 11th November 2024;6(1):1-3.
5. Basanta Manjari hota, N.S. Sai Aanusha, G Sneha. De novo late postpartum preeclampsia: a case report with review of literature. Int J Reprod Contracept Obstet Gynecol. May 2024;13(5):1319-1321.
6. Vijayasree. Role Of Imaging In Early Pregnancy And Maternal Outcome. International Journal Of Advanced Research In Gynecology And Obstetrics. 2024;2(1):05-10.
7. M.Vijaya Sree. Analysis Of Caesarean SectionWith The Robsson's Ten GroupClassification System .Int J Reprod Contraception Obstet Gynecol.2023 Apr;12(4):1083-1087.
8. M.Vijaya Sree. Revisiting Indication For Hysterectomyaccoding To Palm-Coein Classification And Its Correlation With Histopathological Examination Reports . Int J Reprod Contraception Obstet Gynecol.2023 Jul;12(7):2145-2150.
9. M.Vijayasree. ThperceptionofRelemedicineas A Consultation Method By Antenatal Women In A Covid 19 Pandemic J Evolution Med Dent Sci 2023;12(07):208-213.
10. M.Vijayasree. Asymptomatic Bacteruria In Pregnancy Universal Screening:The Need Of The Hour.International Journal Of Contraception,Gynaecology And Obstetrics2023;5(1):24-27.
11. M.Vijayasree. A Study Of The Effectiveness Of Levonorgestrel Intra Uterine System In The Management Of Aub.International Journal Of Advanced Research In .Gynaecology And Obstetrics2023;1(1):1-6.
12. M.Vijayasree. Study Of Color Doppler Velocimetry Abnormalities In Term Low Risk Pregnancies With Borderline Afi.International Journal Of Obstetrics Andgynaecology 2023;5(1):1-4.
13. M.Vijayasree. A Comparative Study Of Ee And Dienogest With Ee And Levonorgestrel In The Management Of Spasmodic Dysmenorrhoea In Late Adolescents.International Journal Of Advanced Research In Gynaecology And Obstetrics2023;12(2):1-6.
14. Basanta Manjari Hota , Kavitha B,Naimisha M,Swathi P. Benign multicystic mesothelioma with ovarian endometrioisis:a rare case report with review of literature. International Journal Of Reproduction , Contraception, Obstetrics and Gynecology; 2022;11:3209-3211.
15. Basanta Manjari Hota, Anush G, Md.Fareedh. Nicolau Syndrome Following Intramuscular Diclofenac Sodium Injection : A Rare Case Report. International Journal of Science and Research (IJSR). July 2022;11(7).
16. K.Madhuri, Naimisha Movva. Prevalence of maternal thrombocytopenia and anaemia in pregnant woman – An institutional experience. MedPulse International Journal of Gynaecology. February 2022; 21(2): 43-46.
17. K.Madhuri, Naimisha Movva, Koratala Anoop. Prevalence of maternal thrombocytopenia and anaemia in pregnant woman – An institutional experience. MedPulse International Journal of Gynaecology. March 2022;21(3):47-50.
18. GeethaLokam & B.Kavitha. (2021) Essessment of haematological and biochemical parameters at different pubertal stages among boys from khammam district, Schint J ObstetGyne4-
19. Naimisha Movva & Mukka Kavya, Ovarian cysts in Post Hysterectomy Cases – An Overview, Sch Int. J obstet Gynec. 2021;4(5): 182-186.
20. Geetha Lokam &M.VijayaSree. Evaluation and comparison of common biochemical markers in Premenopausal and Postmenopausal Women form khammam district. Schint J ObstetGynec. 2021, 4(10):396-399.
21. Ginjupalli A, Suyajna JD, Jodhi NS, Patil. Minimally Invasive procedure for repair of uterine isthmocele, a rare cause of infertility; a case report. Int J ReprodContraceptObstetGynecol 2021;10(6):3.
22. Geetha.Lokam & B.Kavitha. Essessment of haematological and biochemical parameters at different pubertal stages among boys from khammam district, Schint J ObstetGynec. 2021. 4(10):N/A.
23. Arthi Sharma, Deepika Kesaraju, Rohil Kumar Sharma, Sudha Chaurasia. Current trends in family planning methods at tertiary care centre of central India –A retrospective study. International Journal of Health and Clinical research 2021;4(16);30-32.
24. Naimisha Movva & Mukka Kavya. Ovarian cysts in Post Hysterectomy Cases – An Overview, Sch Int. J obstet Gynec. 2021;4(5): 182-186.
25. Ginjupalli A, Anuradha SN, Joshi SD. Prophylactic use of tranexamic acid for reducing postpartum hemorrhage in vaginal delivery. Int J ReprodContraceptObstetGynecol 2021.
26. Vijayasree M. Study of maternal and fetal outcome in dengue fever complicating pregnancy The New Indian Journal Of OBGYN. 2020; 6(2): 123-26.
27. Pilli Siva Jyothi, M.VijayaSree, Sravanthi. Comparitive Study of Total Abdominal Hysterectomy And Non Desent Vaginal Hysterectomy In Women With DUB, Paripex Indian Journal of Research. Feb. 2020; 9(2): 41-42.
28. Vijayasree M. Study Of Psychiatric Disorders Among Post Natal Women Attending Tertiary Care Referral Center, Ann ObstetGynacolJune 10th 2020; 2(1):1013.
29. Vijayasree M, Indira T. Prevalence of primary cesarean section among multigravida women in tertiary care referral center-A Boon or a Catastrophe: J. Evid. Based Med. Healthc 2020; 7(34),1735-1738.
30. Gaikwad MV, Sree MV, Bobde SV. A Comparative study of two layer versus three-layer repair of mediolateralepisiotomy, Int J ReprodContraceptObstetGynecol AUG 2020;9(8):3412-3416.
31. Hota BM, Bakshi K, Movva N, Pandirla S. Xanthomatousosphoritis, a rare pathology; case report with review of literature. Int J ReprodContraceptObstet Gynecol. 2020;9: 3486-9.
32. Pujitha M, Kavitha B, Prabhakar GC, Usha Rani T. Outcome of heterotophic pregnancy. J NTR Univ Health Sci 2020;9:276-9.
33. Basantha Manjari Hota, Naimisha Movva, B Kavitha, Gopinath Radha Greeshma. Correlation between EDD and spontaneous onset of labor in normal pregnancy. Ijar. 2020;10.
34. Hota BM, Bakshi K, Movva N, Pandirla S. Xanthomatousosphoritis, a rare pathology; case report with review of literature. Int J ReprodContraceptObstet Gynecol. 2020;9: 3486-9.
35. Basantha Manjari Hota, Naimisha Movva, B Kavitha, Gopinath Radha Greeshma. Correlation between EDD and spontaneous onset of labor in normal pregnancy, May-2020;10(5).
36. Naimisha Movva, Manjari Hota. Evaluation of the Efficacy of Low-Dose Acetylsalicylic Acid (Aspirin) in Prevention of Pre-Eclampsia in High – Risk Pregnant Women. –Schint J ObstetGynec, Oct, 2020;3(10):217-221.
37. Mule Anusha, Ramavath Himabindhu. Assessment of the Acceptability of Contraceptive Use Among The Women of Rural Areas of Khammam. IJAR-2020. March 2020;10(3).
38. Juhi Agarwal, Deepika Kesaraju, Poorva Badkar. Maternal outcome in thyroid dysfunction in admitted antenatal women in tertiary care centre: an observational study .International journal reproductive Obstetrics & gynaecology aganral J et al. int. J Reprod. Cntracept. ObstetctGynecol, 2020 aug-9(8):3402-3407.
39. Basantha Manjari Hota, Naimisha Movva, B Kavitha, Gopinath Radha Greeshma. Correlation between EDD and spontaneous onset of labor in normal pregnancy. IJAR. 2020;10(5).
40. Naimisha Movva, ManjariHota. Evaluation of the Efficacy of Low-Dose Acetylsalicylic Acid (Aspirin) in Prevention of Pre-Eclampsia in High – Risk Pregnant Women. –Schint J ObstetGynec, Oct, 2020;3(10):217-221.
41. Hota BM, Bakshi K, Movva N, Pandirla S, Xanthomatousosphoritis, a rare pathology; case report with review of literature. Int J ReprodContraceptObstet Gynecol. 2020;9: 3486-9.
42. Basantha Manjari Hota, Naimisha Movva, B Kavitha, Gopinath Radha Greeshma. Correlation between EDD and spontaneous onset of labor in normal pregnancy, IJAR. May 2020;10(5).
43. Hota BM, Bakshi K, Movva N, Pandirla S. Xanthomatousosphoritis, a rare pathology; case report with review of literature. Int J ReprodContraceptObstet Gynecol. 2020;9: 3486-9.

Our faculty and students actively participate in the research work and had published many papers in both national and international journals.

Projects:

1. SCREENING FOR GDM-IN ANTENATAL WOMEN PRESENTING TO TERTIORY CARE CENTRE USING DIPS' GUIDELINES – Dr.T.Nagapoojitha
2. ROLE OF UTERINE ARTERY AND MCA IN HIGH RISK ANTENATAL WOMEN AND ITS CORRELATION WITH MATERNAL AND FETAL OUTCOME – Dr.Huda Khan.
3. EFFECTIVE NESS OF PRENATAL ULTRASOUND IN DETECTING FETAL ABNORMALITIES AND THEIR PERINATAL OUTCOME – Dr.Sneha.
4. ESTIMATION OF GESTATIONAL AGE BY ULTRASONOGRAPHIC MEASURMENT OF FOETAL KIDNEY LENGTH – Dr.R.Harshini.
5. COMPARATIVE STUDY OF COAGULATION PROFILE IN PRE ECLAMPSIA AND ECLAMPSIA – Dr.V.Aruna.
6. CLINICAL STUDY OF VAGINITIS OF REPRODUCTIVE AGE GROUP WOMEN ATTENDING GYNAECOLOGY OPD – Dr.D.Sri Surya.
7. RISK MALIGNANCY INDEX FOR PRE-OPERATIVE EVALUATION OF OVARIAN MALIGNANCY – Dr.E.Neetha.
8. PREVALENCE OF THYROID DISORDERS IN PREGNANCY – Dr.M.Sravani.
9. EVALUATION OF ACCURACY OF TVS IN THE DIAGNOSIS OF ECTOPIC PREGNANCY AND ITS CORRELATION WITH LAPARATOMY FINDINGS – Dr.D.Vasavi.





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Opthalmology

Overview of Department:

Department of Ophthalmology provides comprehensive program for patient care. It offers both out- patient services and in-patient services. It strives for achieving excellence in the fields of patient and community eye care, teaching, research and faculty development.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Alla Venkata Pitchi Reddy	26074572	AMC17275	M.S. (Ophthalmology)	Professor & HOD	Permanent
2	Dr. Vijay Prakesh Kinikar	37299320	TSMC/FMR/14767	M.S. (Ophthalmology)	Professor	Permanent
3	Dr. Madiraju Nandanandan	05813336	TSMC/ 60884	M.S. (Ophthalmology)	Associate Professor	Permanent
4	Dr. Shiliveri Ashwani Siddardha	28030017	TSMC/FMR/00068	M.S. (Ophthalmology)	Associate Professor	Permanent
5	Dr. Pusunuru Naga Manjusha	54367228	TSMC/67816	M.S. (Ophthalmology)	Assistant Professor	Permanent
6	Dr. Gadipalli Ravichandra	54709505	APMC/FMR/89338	M.S. (Ophthalmology)	Assistant Professor	Permanent
7	Dr. Ganeshula Sahithi	70733734	APMC/FMR/75042	D.N.B. (Ophthalmology)	Assistant Professor	Permanent
8	Dr. Adapa Jayasree	22611904	APMC/FMR/88611	M.S. (Ophthalmology)	Assistant Professor	Permanent
9	Dr. Mohammed Athar Danish	72373113	165279	M.S. (Ophthalmology)	Senior Resident	Permanent
10	Dr. Chava Preethi	39424132	TSMC/FMR/09206	M.S. (Ophthalmology)	Senior Resident	Permanent
11	Dr. Teegala Anil Kumar	46699786	TSMC/FMR/01470	M.S. (Ophthalmology)	Senior Resident	Permanent
12	Dr. Konda Shreenidhi	60711169	TSMC/FMR/09388	M.S. (Ophthalmology)	Senior Resident	Permanent
13	Dr. Sambathini Grace	58211555	TSMC/FMR/17687	M.S. (Ophthalmology)	Senior Resident	Permanent

COURSES OFFERED:

MBBS

M S Ophthalmology

OBJECTIVES:

- To offer an excellent standard in teaching
- To conduct research in basic, applied clinical fields and community ophthalmology
- To provide accessible, cost- effective, quality eye care.
- To conduct awareness programmes on issues such as Diabetic retinopathy, glaucoma, eye donation.

CORE COMPETENCIES:

The core competencies of Department of Ophthalmology are:

- UG teaching program for MBBS curriculum
- PG teaching program for MS Ophthalmology
- Clinical facilities include services to manage cataract, retinal diseases, glaucoma and uvea services. In addition community services like screening of diabetic retinopathy, cataract in camps, school screening programmes are provided by the department.

FACILITIES AND LEARNING SOURCES OF DEPARTMENT:

- Slit lamps
- Binocular Indirect Ophthalmoscope
- 90 D Lens
- Goniolens
- Fundus Camera
- Keratometer
- Operating Microscope with CCTV
- Argon Laser
- Phacoemulsification Machine
- A-Scan
- Nd:YAG Laser
- Applanation Tonometer
- Schiotz Tonometer
- Automated Perimeter
- Autorefractor

Surgery:

- Cataract Surgery
- Phacoemulsification
- Small Incision Cataract Surgery (SICS)
- Trabeculectomy
- DCT, DCR
- Pterygium Excision with Autograft

Laser Treatment:

Nd: YAG Laser Capsulotomy

AWARDS AND ACHIEVEMENTS:

RESEARCH AND PUBLICATIONS:

1. S. Ashwani Siddardha, Vijay Prakash Kinikar, A. Venkata Pitchi Reddy and B. Sushma. Visual Outcomes and Prognostic Factors in Patients with Indirect Traumatic Optic Neuropathy Treated with Steroids: A Prospective Analysis. Research Journal of Medical Sciences. 28 Aug 2024;18(10):401-406.
2. Vijay Prakash Kinikar,YashaswiPendyala,K.Vijay Kumar, Clinico-Microbiological Study of Chronic Dacryocystitis. International Journal of Health and Clinical Research. 2021:4(8):258-264.
3. Vijay Prakash Kinikar, S. Ashwani Siddardha, A. Venkata Pitchi Reddy and Sushma. Clinical and Demographic Profile of Indirect Traumatic Optic Neuropathy: A Prospective Observational Study. International Journal of Tropical Medicine. 2024;19(4):50-54.
4. Vijay Prakash Kinikar, Yashaswi Pendyala, K.Vijay Kumar, Clinico-Microbiological Study of Chronic Dacryocystitis. International Journal of Health and Clinical Research, 2021:4(8):258-264.
5. Vijay Prakash Kinikar, Yashaswi Pendyala, K.Vijay Kumar, A Comparative study of surgically induced astigmatism in superior and temporal scleral incision in manual small incision cataract surgery. International Journal of Health and Clinical Research, 2021:4(9):78-83.
6. Vijay Prakash Kinikar, Yashaswi Pendyala, K.Vijay Kumar, Clinical profile and visual outcome of optic neuritis in tertiary care hospital. IP International Journal of Ocular Oncology and Oculoplasty, 2021:7(2):1-6.
7. Vijay Prakash Kinikar, Yashaswi Pendyala, K.Vijay Kumar, A clinical study on dry eye.IP International Journal of Ocular Oncology and Oculoplasty, 2021:7(2):1-7.
8. Harika Anne, Noonan Syndrome with Congenital Nasolacrimal Duct Obstruction: A Case Report. IOSR Journal of Dental and medical Sciences. June 2021;20(6Ser.1):27-29.
9. Harika Anne, Hair Shaft in the Lacrimal Punctum: A Rare Presentation. TNOA Journal Ophthalmic Science Research. 2020:xxxx-xx.

PROJECTS:

1. Clinical study of Diabetic Retinopathy
2. Study of clinical features and management of Vernal Keratoconjunctivitis
3. Clinical study of Posterior Capsular Opacification
4. Study of Ocular manifestations in Leprosy
5. Clinical study of Papilloedema
6. Study of Conjunctival limbal autograft using autologous serum Vs suturing technique in primary pterygium surgery

Study of role of B Scan Ultrasonography in posterior segment pathology of eye






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Orthopaedics

Overview of Department:

The Orthopaedics department provides a wide range of treatment. The Department along with training undergraduates also provides MS in Orthopaedics. The department of orthopedics consists of highly qualified faculty in providing state of the art orthopedic care at the teaching hospital in the form of routine orthopedic work like, joint replacements, arthroscopy & complex spine problems. Orthopedics Post Graduates students are exposed to various aspects of orthopedics management. The Department of Orthopedics has got highly motivated active research programs and publications.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Prasad Veeragandham	06770990	AMC 15663	M.S. (Orthopaedics)	Professor & HOD	Permanent
2	Dr. Balakrishna Kanth. P	02823904	TSMC/ 57428	M.S. (Orthopaedics)	Professor	Permanent
3	Dr. Bandela Venu Gopal	95746228	AMC17267	M.S. (Orthopaedics)	Professor	Permanent
4	Dr. Kurapati Hari Prasad	10726140	AMC 34077	M.S. (Orthopaedics)	Professor	Permanent
5	Dr. Bhukya Tej Kumar	28795174	TSMC/59424	M.S. (Orthopaedics)	Associate Professor	Permanent
6	Dr. Chandrakani Harikrishna	55976504	APMC/FMR/84155	M.S. (Orthopaedics)	Assistant Professor	Permanent
7	Dr. Takkallapalli Dushyanthrao	14532284	TSMC/FMR/04608	M.S. (Orthopaedics)	Assistant Professor	Permanent
8	Dr. Chinthapally Raj Kumar	38707258	APMC/FMR/80023	M.S. (Orthopaedics)	Assistant Professor	Permanent
9	Dr. Vemula Raj Kumar	84558052	TSMC/ 67982	M.S. (Orthopaedics)	Assistant Professor	Permanent
10	Dr. Mallampati Ravindranath Chowdary	94248558	TSMC/FMR/15991	M.S. (Orthopaedics)	Assistant Professor	Permanent
11	Dr. Takkallapally Varun Rao	14532284	APMC/FMR/112788	M.S. (Orthopaedics)	Assistant Professor	Permanent
12	Dr. Sankineni Bharath Kumar	78333236	72425	M.S. (Orthopaedics)	Assistant Professor	Permanent
13	Dr. Chava Sharath Sai	08644329	TSMC/FMR/13826	M.S. (Orthopaedics)	Assistant Professor	Permanent
14	Dr. Vuppala Lokesh Babu	66374394	TSMC/FMR/20247	M.S. (Orthopaedics)	Assistant Professor	Permanent
15	Dr. Thotakura Vinod	53230739	TSMC/FMR/	M.S. (Orthopaedics)	Assistant Professor	Permanent
16	Dr. Bolla Manish Choudary	12414683	TSMC/FMR/	M.S. (Orthopaedics)	Assistant Professor	Permanent
17	Dr. Kollu Bhuvana Shanti	66374394	TSMC/FMR/09840	M.S. (Orthopaedics)	Assistant Professor	Permanent
18	Dr. Azmeera Subhah Chandra Bose	19395220	TSMC/FMR/24002	M.S. (Orthopaedics)	Senior Resident	Permanent
18	Dr. Gurram Vineel	28312617	APMC/FMR/85577	M.S. (Orthopaedics)	Senior Resident	Permanent
19	Dr. Mulakalapalli Janaki Sree	65233968	APMC/FMR/86068	DNB (Orthopaedics)	Senior Resident	Permanent
20	Dr. Boganatham Krishnaswapna	08705464	TSMC/FMR/20457	M.S. (Orthopaedics)	Senior Resident	Permanent
21	Dr. P. Shivudu	10713845	TSMC/FMR/07229	M.S. (Orthopaedics)	Senior Resident	Permanent
22	Dr. Lakhimsetti Sai Krishna	11096045	TSMC/FMR/20496	M.S. (Orthopaedics)	Senior Resident	Permanent
23	Dr. T. Raviteja Srivatsava	31456812	TSMC/FMR/08279	M.S. (Orthopaedics)	Senior Resident	Permanent
24	Dr.N CH. Narasimha Charyulu	31456812	APMC/FMR/114927	M.S. (Orthopaedics)	Senior Resident	Permanent
25	Dr. A Durgaganesh	58548703	TSMC/FMR/21313	M.S. (Orthopaedics)	Senior Resident	Permanent

COURSES OFFERED:

- MS Orthopaedics.

Core competencies:

- Microvascular surgery
- Bone tumor surgery
- Hand, wrist, elbow and micro surgery
- Paediatric Orthopaedics
- Spine Surgery
- Sports Medicine
- Joint replacement
- Complex trauma.

Clinical Services:

- Pediatric Orthopaedics Clinic
- Reconstructive Orthopaedics
- Arthroscopy
- Sports injuries
- Joint replacement
- Neck and spine clinic
- Pain Relief Clinic
- Physiotherapy
- C.T.E.V Clinic
- Bone Tumor Clinic

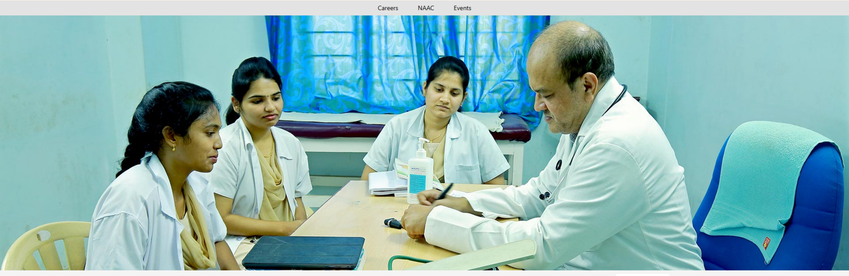
RESEARCH & PUBLICATIONS:

1. Rajesh Kolipaka, G. Raviteja, Cheekati Lalki Sai Kumar,Takkallapalli Dushyanth Rao. Prospective Study on the Surgical Management of Clavicle Fractures With Pre-Contoured Locking Compression Plate. Int. J. Trop. Med. 2024;19(3):52-57.
2. Chava Sarath Sai, Cheekati Lalki Sai Kumar, G. Raviteja and Takkallapalli Dushyanth Rao. Study of Surgical Management of Distal Femur Fractur Eusing Locking Compression Plate. Res. J. Med. Sci. 2024;18(7):346-351.
3. G. Raviteja , Cheekati Lalki Sai Kumar, Tammali Santhosh Kumar, Takkallapalli Dushyanthrao , Mohammed Abdul Bari. Comparative Study Of Management Of Low Back Ache With Lumbar Epidural Block, Caudal Block, Facetal Block. Journal of Population Therapeutics & Clinical Pharmacology. 2024;31(7):411-418.
4. Vishwanath Mahadevuni, V.R. Sujit Kumar, Venkata Vinay Atluri, Deepthi Sabavath. Negative pressure wound therapy (npwt): our experience using Hospitalwall suction. Indian journal of applied research. September – 2022;12(09):35-38.
5. Mise Priyanka, Rajesh Kolipaka, S Srikanth, Bharath sankineni and Chava Sarath Sai. A study on surgical outcome of camptodactyly based on the age of presentation. National Journal of Clinical Orthopaedics 2022;6(4):28-31.
6. B. Venugopal, Sanjeev N. Chincholi and B. Srinivas Rao. A study on occurrence of fracture of both bones of forearm in Indian adult population. International Journal of Orthopaedics Sciences; 2022,8(1):205-207.
7. Sujitkumar Vakati R, Viswanath M, Gopisetty Chaitanya Kishore, K Sreekalyani, Nayan Raj Puvvada and Anirudh Reddy B. Clinical study of surgical management of paediatric diaphyseal fractures of femur by Titanium Elastic Nailing System (TENS). International Journal of Orthopaedics Sciences, 2022;8(1):46-54.
8. Sahetya Mohan Rao, Sujitkumar Vakati R, K Sreekalyani, Gopisetty Chaitanya Kishore, Viswanath M and K. Dheeraj Reddy. A study on occurrence of paediatric diaphyseal fractures of femur in Indian population. International Journal of Orthopaedics Sciences, 2022;8(1):29-32.
9. Vipin Singh, Santosh Kumar Mishra, Anshuli Trivedi1, SuneetTandon, Maneesh Singh Rajpoo. A computed tomography-guided analysis of pedicle morphology of the lower thoracic and lumbar spine in the Indian population: An observational study. Journal of Orthopaedics and Spine. Oct 2021;9(1):25-30.
10. P.BalakrishnaKanth, Dr.VeedhiRakeshavBabu and Dr. Mohammed Abdul Bari. Surgical management of arthroscopic anterior cruciate ligament reconstruction using quadruple hamstring graft and assessment of its fuctional outcome. International Journal of Orthopaedics Sciences. 2021; 7(3): 764-769.
11. B.Sahithya and Zainab Sultana. To study the functional outcome in patients with compound supracondylar femur fracture managed using LCP A prospective study. International Journal of Orthopaedics Sciences. 2021;7(3):254-260.
12. Suman NV and SanjeevChincholi. Study of Occurence of fracture of distal radius in Indian adult population. International Journal of Orthopaedics Sciences 2020; 6(1): 50-52.
13. Raghavendra B and Dr. B Sahithya. To study surgical management of proximal tibia fractures by locking compression plate. International Journal of Orthopaedics Sciences. 2020; 6(1): 63-68.
14. BasavaAlekhya, ChandrakaniHari Krishna and Sanjeev Chincholi. Functional outcome of uncementedvs cemented prosthesis in management of fracture neck of femur by hemiarthroplasty A prospective study. International Journal of Orthopaedics Sciences. 2020;6(1):672-676.
15. Vipin Singh, Santosh Mishra, Harendra Singh, Tapan Jain, Anil Chouksey, LakshyaBharadwaj and SuneetTandon. CT aided morphometric measurements of various pedicle parameters in different age groups of Indian population. International Journal of Orthopaedics Sciences. 2020;6(3):341-345.
16. Suresh uikey, Anil Chouksey, Vipinsingh, Tapan Jain, Harendra Singh, LakshyaBhardwaj. Outcome of core decompression in avascular necrosis of femoral head using multiple small diameter drilling. International Journal of Scientific Research. Nov 2020;9(11): 28-31.






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Paediatrics

Overview of Department:

- Department of Pediatrics caters the needs of primary, secondary and tertiary care to the people of Khammam and surrounding districts.
- Department provides better care to patients in out patients and In patients department
- Daily along with 24 hours causality and critical care services in ICU.
- Ours is a tertiary center for all undiagnosed and complicated cases in and around Khammam

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Mohammed Ashraf Mohiddin Siddiq	62870787	TSMC/37700	M.D. (Paediatrics)	Professor & HOD	Permanent
2	Dr. Gadipalli Somaiah	45377616	HMC12126	M.D. (Paediatrics)	Professor	Permanent
3	Dr. Moparti Suresh Babu	09911914	APMC/FMR/89416	M.D. (Paediatrics)	Professor	Permanent
4	Dr. Goguloth Arpitha	25157152	TSMC/58439	M.D. (Paediatrics)	Professor	Permanent
5	Dr. Sanjivani Deepak Maslekar	18307134	TSMC/FMR/14788	M.D. (Paediatrics)	Professor	Permanent
6	Dr. Bhaskar Reddy Dodda	95076287	APMC/FMR/83397	M.D. (Paediatrics)	Associate Professor	Permanent
7	Dr. Banoth Nishanth Naik	36228664	TSMC/ 73513	M.D. (Paediatrics)	Associate Professor	Permanent
8	Dr. Vellanki Brahma Kumar	28758416	APMC/FMR/82661	M.D. (Paediatrics)	Assistant Professor	Permanent
9	Dr. Alla Bharath Kumar	33543471	TSMC/ 68104	M.D. (Paediatrics)	Assistant Professor	Permanent
10	Dr. Guntupalli Vamsi Krishna	43088432	APMC/FMR/78456	M.D. (Paediatrics)	Assistant Professor	Permanent
11	Dr. Yalamudi Goutham	73111452	TSMC/60967	M.D. (Paediatrics)	Assistant Professor	Permanent
12	Dr. Anvesh Doppala Pudi	16378236	TSMC/FMR/05365	M.D. (Paediatrics)	Assistant Professor	Permanent
13	Dr. Yeruva Aparna Lakshmi	66451453	APMC/FMR/96685	M.D. (Paediatrics)	Assistant Professor	Permanent
14	Dr. Nettem Sindhura	51841239	APMC/FMR/99302	M.D. (Paediatrics)	Assistant Professor	Permanent
15	Dr. Azmeera Raj Kumar	35016499	APMC/FMR/99302	M.D. (Paediatrics)	Assistant Professor	Permanent
16	Dr. Chunchu Bhavana	59195966	TSMC/FMR/05338	M.D. (Paediatrics)	Assistant Professor	Permanent
17	Dr. Puvvada Naren	42255575	TSMC/FMR/12457	M.D. (Paediatrics)	Assistant Professor	Permanent
18	Dr. Gadiparthi Sowmya	33669159	TSMC/FMR/12746	M.D. (Paediatrics)	Assistant Professor	Permanent
19	Dr. Shaik Sana Thabassum	47113969	TSMC/FMR/	M.D. (Paediatrics)	Assistant Professor	Permanent
20	Dr. Bandla Sindhu	97766882	TSMC/FMR/20544	M.D. (Paediatrics)	Senior Resident	Permanent
21	Dr. Maddireddy Nadhvisal	10994939	TSMC/FMR/14523	M.D. (Paediatrics)	Senior Resident	Permanent
22	Dr.Damam Sree Harsha	66462307	APMC/FMR/106680	M.D. (Paediatrics)	Senior Resident	Permanent
23	Dr.Kalapala Ramya Sai	74075278	TSMC/FMR/24428	M.D. (Paediatrics)	Senior Resident	Permanent
24	Dr.Shabasu Laxmandeepu	52445870	TSMC/FMR/03438	M.D. (Paediatrics)	Senior Resident	Permanent
25	Dr.Athuluri Lakshmiprasanna	50377225	TSMC/FMR/08885	M.D. (Paediatrics)	Senior Resident	Permanent
26	Dr. Maddiboyina Hemanth Kumar	83154360	TSMC/FMR/20497	M.D. (Paediatrics)	Senior Resident	Permanent

COURSES OFFERED:

- MD Pediatrics

Clinical Services:

- Free OPD care with free registration & free consultation in OPD.
- We provide all kinds of vaccinations as per immunization schedule of IAP
- Multi disciplinary assessments by cross references as and when required.
- Emergency care.
- Medical PICU with beds and NICU beds, both ICU have central oxygen, Ventilators, Bubble CPAP, HFNCs and Cardiac monitors.
- Advanced phototherapy with LED lights , Exchange transfusions (Both total and partial)
- Protocols displayed for all common emergencies in both PICU & NICU
- We admit and treat all kinds of poisons cases.

Community health services:

- School health camps.
- Regular Rural health camps
- Detection and Medical advice of MALNUTRITION among children in both urban & rural areas.
- We conduct awareness about oral hydration , Breasting feeding promotions among both urban and Rural parents

CORE COMPETENCIES:

- Our Institution has good academicians' who are strive to impact the best educations possible For students. The team works of the staff gives the best possible outputs academic wise.
- Ours is leavel-3 tertiary care center with all equipment and manual resources providing the Best treatment and care compared to other hospitals with cost effectiveness.

FACILITIES & LEARNING SOURCES OF THE DEPARTMENT:

- E-learning classes to all under graduates and post graduates.
- Encourage students to actively participate in both state and national level activities academically and non-academically in all kind of activates.
- Equipped with skilled lab where both post graduates and under graduates are given hands on training skills.
- Intensive Teaching schedule on all working days for Post graduates.
- Clinical postings done regularly with ward leaving examinations to under graduates.
- We update ourselves regular approaches and treatment methods by from of journal club.
- Departmental library is provided with various journals and recent books- 176.

AWARDS & ACHIEVEMENTS : NILL

RESEARCH & PUBLICATIONS :

1. Ashwani Siddardha, B. Nishanth Naik. Epidemiological Trends and Risk Factors of Retinopathy of Prematurity in Preterm Infants: A Hospital-Based Study. Journal of Contemporary Clinical Practice. 2025;11(9):1-9.
2. Nishanth Naik, S. Ashwani Siddardha. Clinical Spectrum and Outcomes of Ophthalmia Neonatorum: A Prospective Observational Study. European Journal of Cardiovascular Medicine (EJCM). 2025;15(09):2042-4892.
3. Doppalapudi Anvesh, Susarla Balaji, Praveen Bathuluri, Karthik Surabhi, Eeshaanee Nag , Motukoori Bhavya, Pannati Tejaswini. Case Report: Pancreatic Insufficiency as an Early Manifestation of cystic fibrosis in an Infant. International Journal of Medicine and Public Health. July-September 2025;15(3):2300-2302.
4. Sanjivani Deepak Maslekar, Maddiboina Hemanth Kumar and G. Somaiah, Validation of foot Length in Prediction of Gestational Maturity and Birth Weight in Neonates. International Journal of Tropical Medicine. 2024;19(4): 55-59.
5. Brahma Kumar , Punuru Sindhu2 , G. Ravi Chandra, Bhaskar Reddy D. Early-Onset Neonatal Sepsis: Trends Risk Factors, and Cutaneous Manifestations in an Urban Hospital Setting Europen Journal of Cardiovascular Medicine. 2024;14(5):672-679.
6. Sanjivani Deepak Maslekar, Shaik Sana Thabassum and G. Somaiah. Study of Psychological and Behavioral Outcomes in Children Admitted in PICU. Research Journal of Medical Sciences. 2024;18(10):475-481.
7. Prathyusha yellamelli, Pavan Todeti, Alla Bharath kumar, Chippalapally Rambabu. Patterns and Predictors of childhood obesity: Insights from A longitudinal Community- Based Study. International journal of Academic Medicine and Pharmacy. 2024;6(1):276-281.
8. M.A.M.Siddiq. Prevalence of Methicillin Resistant Staphylococcus aureus (MRSA) Nasal Carrier State among Pediatric Patients and Para – Medical Staff in Tertiary Care Hospital Research Journal of Medical Sciences. 2023;17(10):106-110.
9. Bhaskar Reddy Dodda. Acute Lower Respiratory Tract Infection in Children Under Five Years of Age: Anemia as a Risk Factor: Journal of Research in Medical and Dental Science. 2023;11(1):156-160.
10. Shivaramakrishna Babji, jay Jayasheel, Barathy Chandrasegaran, Vellanki Bramha Kumar. Evaluation of Modified Extended Sick Neonate Score to Predict In-Hospital Mortality among Newborns Admitted to Resource-Poor Settings in Rural. India.Indian Journal of Pediatrics, Received 19 August 2021 / Accepted: 28 January 2022.
11. N.Shivaramakrishna Babji, Chandrasegaran B, Siva P, Devi Kittu. Vaccine Hesitancy in Measles-Rubella Campaign in a Tertiary Care Hospital, Portuguese Journal Pediatric, 2022;53:376-82.
12. Shivaramakrishna Babji, C Rakesh. Adherence to Home Treatment Guidelines among Pediatric Home Treated COVID-19 Patients in Puducherry. Indian Paediatric, February 15 2022;59.
13. N. Shivaramakrishna Babji , Ch Rajesh. Validation of modified sick neonatal score, a simple clinical score for assessment of severity of illness and outcome in new-borns for resource poor settings. Indian Journal of Contemporary Pediatrics, 2022 Jan;9(1):53-57.
14. Sri Vaishnavi M, Mohammed Ashraf Mohiddin Siddiq, G. Somaiah, N. Shivaramakrishna Babji. Rediscovering child-to-child programme,A case study and brief discussion. Journal of Clinical Scientific Research, 2022;11:268-70.
15. Cheruku Rajesh, N.ShivaramakkrishnaBabji, Mohammed Ashraf MohiddinSiddiq. Case Report of Early Biotinidase Deficiency, A Type Of Multiple Carboxylase Deficiency. International Journal of Contemporary Pediatrics. July 2021;8(7):1290.
16. Sanjivani Deepak Maslekar, Somaiah G, NagapraveenVeerapu, Bubble CPAP (Continuous Positive airway pressure) therapy as a primary mode of respiratory support in preterm newborns with mild to moderate respiratory distress syndrome. Pediatric Rev Int J Pediatr Res. 2021;8(2):94-99.
17. Mekala A, Chandrasegaran B, Babji NS. Kumar VB. Evaluation of CABS score based on vitals in children at admission for prediction of severity of illness and outcome. Int J ContempPediatr 2021;8:782-6.
18. Babji, N, Jayasheel. A &Veerapu. N. Thrombocytopenia and thrombocytosis as a predictor of neonatal sepsis: a hospital – based cross- sectional study, International Journal of Contemporary Pediatric. 2021 8(5). 860-866.
19. Rajesh C, Babji NS, SiddiqMAM. Case report of early biotinidase deficiency, a type of multiple carboxylase deficiency. Int JContempPediatr 2021;8:1290-1292.
20. Chandrasegaran. B, Devikittu, Babji S, Pothapregada S, Chandrasegaran. R. Adherence to Home Treatment Guidelines Among Pediatric Home Treated Covid-19 Patients in Puducherry. Indian Pediatr. 2021.
21. Sanjivani Deepak Maslekar, Somaiah G, Nagapraveen Veerapu, Bubble CPAP (Continuous Positive airway pressure) therapy as a primary mode of respiratory support in preterm newborns with mild to moderate respiratory distress syndrome. *Pediatric Rev Int J Pediatr Res. 2021;8(2):94-99.*
22. Mekala A, Chandrasegaran B, Babji NS, Kumar VB. Evaluation of CABS score based on vitals in children at admission for prediction of severity of illness and outcome. Int J ContempPediatr 2021;8:782-786.
23. Guntupalli. VK, Bhoojata. G, Paturi. VR. Congenital Methemoglobinemia in Neonate.—An Easily Missed Cause of Cyanosis. Journal of Neonatology. 2021;35(2):86-89.

PROJECTS

- T. SAHITHYA REDDY- Study of biochemical abnormalities in acute diarrhea in children.
- U. ASHOK KUMAR- Study of comparing the efficiency of intravenous leveteracetam versus intravenous valproate the management of refractory status epilepticus in children.
- N. SUNEETHA -To study the use of nebulised 3% hypertonic saline in the treatment of bronchiolitis.
- VISWA PRASANTH -A study of clinical profile early diagnosis immediate outcome and outcome and short term follow up of congenital heart disease in children.
- NISHANT NAIK. B -To study first day serum bilirubin as a predictor for future hyper bilirbinemia.
- K. SAI RAMYA -A study of etiology of splenomegaly in children by clinical and laboratory methods.
- Chowdary Vidya Sagar -Scorpion sting: A Clinical Study on early diagnosis of pulmonary Edema in children.
- Nettem Sindhura -A Study of the complications in infants of diabetic mothers
- Gul Mohammed Danish -Study of outcome of acute lower Respiratory tract infections in children aged 2 months to 5 years
- Patlolla Nandhitha -The study of Etiology of Convulsions in children Between 1 Month and 5 Years of age
- Lavanya Beeswa -Study of Blood glucose levels in newborns
- Lavudiya Tejaswi -Study of diagnosis of malaria using Rapid diagnosis tests
- V. Narasimha Teja – A Study of growth pattern and serum ferritin levels in transfusion dependent Beta-Thalassemia children.-
- Cheruku Rajesh – A clinical study to evaluate the lipid profile in children with primary nephrotic syndrome.
- Haritha Mirabaena – Etiology, Clinical outcome, Laboratory findings of children with Neutropenia in non malignant conditions
- Koppolu Vijayendar Babu – Study of Urinary tract infection in malnourished children age 06 months to 5 years at a tertiary care centre.
- M.S. Srivaishnavi Health profile of girl children aged 1 year to 16 years admitted in Mamata general hospital, khammam .
- Boddam Ganesh Yadav – A Study of clinical and laboratory profile in children with febrile seizures
- Sivesh P.V.S. – Correlation of cord bilirubin levels with hyper bilirubinemia in ABO Incompatibility at mamata general hospital, Khammam
- Chunchu Bhavana – Role of Zinc as an adjuvant therapy in acute pneumonia in children of age 2 months to 2 years



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Department Of Pathology

Overview of Department:

Welcome to the department of Pathology, MMC, Khammam. The department of Pathology was established in the Mamata medical college, Khammam in the year 1997. Since then the department has expanded in strength and scope of activities keeping with the increasing demand for public health awareness and importance attached to Pathology as an integral part of total health care. The department has been conducting full-fledged Postgraduate degree (MD) and Diploma (DCP) courses in Pathology since 2003. The department of Pathology is primarily concerned with training post graduate students and creating awareness in public regarding need for public health care. The department serves as a link between rural public and Mamatha General Hospital, Khammam.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Murari Apuroopa	60746744	Professor & HOD	Permanent
2	Dr. Thommurothu Vasudeva Rao	06991797	Professor	Permanent
3	Dr. Sampath Venkata Ramana	72733147	Professor	Permanent
4	Dr. Shaik Riyaz Parveen	75394832	Professor	Permanent
5	Dr. Ravi Prakash Agarwalla	40967016	Associate Professor	Permanent
6	Dr. Talari Radhamadhavi	40934342	Associate Professor	Permanent
7	Dr. Chennapragada Narasimharao Bharadwaz	45705434	Associate Professor	Permanent
8	Dr. Harika Mandava	04794051	Associate Professor	Permanent
9	Dr. Kandibanda Sai Sri Ram Rao	75394832	Associate Professor	Permanent
10	Dr. Hymavathi Bathina	57019311	Assistant Professor	Permanent
11	Dr. Gandu Krishna Kumari	41697867	Assistant Professor	Permanent
12	Dr. Ravva Rathna	41236656	Assistant Professor	Permanent
13	Dr. Dinesh P	49448183	Assistant Professor	Permanent
14	Dr. Gaurav Rastogi	49448183	Assistant Professor	Permanent
15	Dr. Gottimukkula Swapnika Goud	06764399	Senior Resident	Permanent
16	Dr. Shaik Mymoona	69875643	Senior Resident	Permanent
17	Dr. Mura Divya Sree	00377591	Senior Resident	Permanent
18	Dr. Srirangam Gouthami	68050997	Senior Resident	Permanent
19	Dr. Bandaru Akhila	75582668	Tutor	Permanent
20	Dr. Kanakapudi Sunitha	82222352	Tutor	Permanent
21	Dr. Gilakattula Shravya Prathyusha	70346729	Tutor	Permanent
22	Dr. Sravan Teja Jallepalli	51582929	Tutor	Permanent
23	Dr. Doli Sai Keerthi	85863187	Tutor	Permanent
24	Dr. Revuri Soumya	31848499	Tutor	Permanent
25	Dr. Arshiya Shaik	60069921	Tutor	Permanent
26	Dr. Girkati Laxmi Shivani	98167847	Tutor	Permanent
27	Dr. Saili Venkata Sri	65667789	Tutor	Permanent

COURSES OFFERED:

Undergraduate : MBBS

Postgraduate : M.D. (Pathology)

Hands on training in day to day working

(Histopathology, Cytology, Clinical Pathology, Blood Bank, Teaching)

CORE COMPETENCIES:

The core competencies of department of Pathology is teaching programme to prepare undergraduate and postgraduate students for their courses. Formal teaching is conducted in a variety of settings. Full participation by residents is expected. At the end of sessions students should attain competencies in the cognitive knowledge of basic sciences applied to speciality courses and they should be experts in clinical and practical skills. Student should be able to attain knowledge about basic principles of research and to take up small time research projects.

FACILITIES AND LEARNING SOURCES OF THE DEPARTMENT:

- Well equipped Histopathology lab
- Well equipped Hematology / Clinical Pathology lab
- Fully air conditioned lecture galleries
- Well equipped blood bank with component separation unit.
- Departmental library is provided with 141 books.
- Museum
- Internet facility
- Microphotography unit
- Slide library

AWARDS AND ACHIEVEMENTS:

MMC-Research award 2019, Dr.Y.Sushma, Prof & HOD –Department of Pathology, awarded by Mamata Educational Society , Khammam, Title: Utility of platelet indices in diagnosing the underlying cause of thrombocytopenia due to accelerated platelet destruction.

RESEARCH AND PUBLICATIONS:

1. Harika Mandava, Venkata Renuka Inuganti, Tejeswini Vaddatti, Sudhakar Ramamoorthy.Bouveret Syndrome: Case Report of a Rare and Fatal Complication of Gallstone Ileus. Wolters Kluwer – Medknow. 2025;23(3):209-211.
2. Thoutal Keerti Santoshi, P.Chaitanya Bharati, G.Krishna Kumari, Hymavathi Bathina, Kavya Komaravelli Etiology and clinical outcomes of Severe Anemia A comprehensive Clinico-Hematological Analysis.2024;18(6):62-67.
3. Shireesha M, Sushma Yalavarthi, Shruthi Deshpande and GV Saikumar. Histopathological spectrum of lesions of kidney: A morphological study, International Journal of Clinical and Diagnostic Pathology. 2023;6(2):13-16.
4. Sushma Yalavarthi, Shruti Deshpande, Effectiveness of case based learning over traditional teaching methods in phase II MBBS students. International Journal of educational research and studies, 2021:3(3):14-18.
5. Deshpande SA, Rao KS, Sushma Y, Saikumar GV. International academy of cytology guidelines based categorization of breast fine-needle aspiration cytology lesions and their histopathological correlation. J Datta Meghe Inst Med Sci Univ 2021;16:334-9.
6. Deshpande SA. Maimoon SA , Mahore SD. Significance of free total prostate specific antigen ratio in diagnosis of various prostatic lesion. Medpulse international journal of pathology. August 2021; 19(2): 40-45.
7. Deshpande SA. Maimoon SA , Mahore SD. Significance of serum prostate specific antigen levels in evaluating prostatic lesions with histopathological correlation. Annals of Pathology and Laboratory Medicine.2019;6: 634-4.

PROJECTS:

1. A study of Morphological Variants of Meningiomas with special emphasis on high grade meningioma.(Dr. Chinnari)
2. A Study on role of Platelet indices in type 2 diabetes mellitus patients (Dr. Spandana.)
3. A clinicopathological study of Hashimoto Thyroiditis.(Dr. Pooja K)
4. Pancytopenia; A clinicohaematological study. (Dr.Pravallika M).
5. Study of coagulation profile with microvascular complications and glycemic control in type 2 diabetes mellitus. (Dr.Hymavathi.B)
6. Study of cytohistopathological correlation of Salivary gland tumors based on updated Milan Criteria. (Dr.Syed Arfath Ahmed)
7. Study of correlation of cytological grading and histopathological grading in breast malignancies.(Dr. Sravya.V).






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Department Of Pharmacology

Overview of Department:

Department of Pharmacology is a basic medical sciences specialty, deals with imparting knowledge and skills concerning with drug administration to health care professional medical students. Teaching & research opportunities are satisfactorily met with the availability of well-equipped air-conditioned lecture halls, demonstration rooms with high quality audio-visual aids, research & experimental lab. The faculty are involved in drug safety monitoring (pharmacovigilance committee). Faculty had the credit of research publications in national and international renowned indexed journals.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Sravani M R	60811567	Professor & HOD	Permanent
2	Dr. Sayeli Vijay Kumar	61740062	Professor	Permanent
3	Dr. Rayam Sriharsha	91583929	Professor	Permanent
4	Dr. Alasyam Naveen	41273475	Associate Professor	Permanent
5	Dr. Ganji Swetha	49403156	Assistant Professor	Permanent
6	Mr. Kamatham Praveen	23109884	Assistant Professor	Permanent
7	Dr. Mukku Lakshmi Sravanthi	69158332	Assistant Professor	Permanent
8	Dr. Syed Rizwan B	90708766	Assistant Professor	Permanent
9	Dr. Pakalapati Jyothi Silvia Raj	06472657	Tutor	Permanent
10	Dr. Zeba Nasreen	17638309	Tutor	Permanent
11	Dr. Boddupalli Dheeraj Kumar	46231263	Tutor	Permanent
12	Dr. Shaik Muzammil Soofi	44043031	Tutor	Permanent
13	Dr. Challagundla Vijaykumar	35500087	Tutor	Permanent
14	Dr. Katakam Sanghavi	33927190	Tutor	Permanent
15	Dr. Donthu Harika Goud	70253949	Tutor	Permanent
16	Dr. MD Nazeeba Ferdose	14263941	Tutor	Permanent
17	Dr. Sarishka Koushik Chirra	81273446	Tutor	Permanent
18	Dr. Samudrala Mahitha	85109704	Tutor	Permanent

Courses offered:

MBBS

MD(Pharmacology)

Ph.D.

Core Competencies:

- Experimental Pharmacology
- Clinical Pharmacology
- Pharmacoeconomics
- Pharmacovigilance
- Pharmacogenomics

Facilities and learning sources:

Library: Having 167 books including question banks & MCQ's.

Audio-visual aids:

- 17 desktop computers with internet connection.
- One laptop
- One printer
- Overhead projectors
- LCD monitor
- CDs

Research laboratory with animal house facility:

Well equipped with basic instruments for conducting research.

Ph.D.

Core Competencies:

- Experimental Pharmacology
- Clinical Pharmacology
- Pharmacoeconomics
- Pharmacovigilance
- Pharmacogenomics

Facilities and learning sources:

Library: Having 167 books including question banks & MCQ's.

Audio-visual aids:

- 17 desktop computers with internet connection.
- One laptop
- One printer
- Overhead projectors
- LCD monitor
- CDs

Research laboratory with animal house facility:

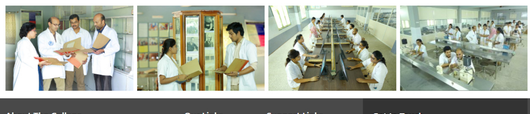
Well equipped with basic instruments for conducting research.

hospital, Telangana, India. National Journal of Physiology, Pharmacy and Pharmacology. 2024;14(03):509-514.

3. Naveen Aalasyam, Sriharsha Rayam, Vijay kumar Sayeli, Naveen Pokala, Praveen Kamatham. A cross-sectional study on attitude and feedback of phase-II medical students on competency-based medical education. National Journal of Physiology, Pharmacy and Pharmacology. 2024;14(08):1-4.
4. Naveen Pokala, Vijaykumar Sayeli, Sriharsha Rayam. A cross-sectional study to assess the knowledge attitude practice of pharmacovigilance among the dentists in an indian tertiary care teaching dental hospital in south india. Asian Journal of Pharmaceutical and Clinical Research. 2023; 16 (12):198-202.
5. Sriharsha Rayam, Bhavika D, P.Raja Sulochana, P.Kamala Subhashini, Yakaiah Vangoori, Aruna Kutani. Evaluation of Anti-Inflammatory and Analgesic Activities of Dexibuprofen in Albino Rats: An Experimental Study. Journal of Cardiovascular Disease Research. 2023; 14(6):1526-1531.
6. Tirumala Bukkapatnam Ramakrishna , Uma Pokala , Sasikala Kanapalli , Naveen Pokala , Uday Kumar P. Trends in hospitalization and mortality in COVID-19 admitted patients after a single dose of vaccine. Asian journal of medical sciences. 2023; 14 (7):1-7.
7. Vijay Kumar Sayeli, Uma Pokala, Sriharsha Rayam. Comparison of clinidipine and telmisartan in the management of hypertensive Patients attending a tertiary care Teaching hospital. Journal of Cardiovascular Disease Research. 2023; 14 (5): 571 -575.
8. Karthikeyan, Vijay kumar Sayeli, V.Vijayan1, BinoyVargheseCheriyan, M.Sumithra, Semmal Syed Meerasa, M. Sakthiganapathi , G. Haema , V.Abishek. Novel analytical method development for estimation of Remdesivir in bulk byusing Bromocresol purple- Acid dye. Europian chemical Bulletin. 2023; 12 (5): 1199-1207.
9. Prashant Keshavrao Nichat, Neelkanth Kote, Aalasyam Naveen, Rahmat Abdul Rahim, Sai Sailesh Kumar Goothy, Anita Choudhary. Assessment of psychological parameters, psychomotor speed, and quality of life in pre-hypertensive women. Asian Journal of Medical Sciences. 2023;14 (1):1-8.
10. Naveen Aalasyam, Shilpa Potnuru, Chandra Mouli, Sileveru, Uma Pokala, Naveen P. Antimicrobial Prescription Pattern in ENT Outpatient Department in a Tertiary Care Teaching Hospital, Telangana, India. International Journal of Recent Surgical and Medical Sciences © 2023.
11. Swathi. C, Venkatanarayana Naragoga, Aalasyam Naveen, Kamatham Praveen, Neelkanth Kote, Sai Sailesh kumar Goothy. Assessment of mental well-being in second-year medical students. European Journal of Molecular & Clinical Medicine. 2023; 10 (4):1034-1039.
12. Vijay Kumar Sayeli,Uma Pokala and Sriharsha Rayam. Comparison of Clinidipine And Telmisartan In The Management Of Hypertensive Patients Attending A Tertiary Care Teaching Hospital, Journal of Cardiovascular Disease Research, 2023:14(5):571-575.
13. Karthikeyan, VijayKumarSayeli,V.Vijayan, Binoy Varghese Cheriyan, M.Sumithra, Semmal Syed Meerasa, M. Sakthiganapathi, G. Haema and V.Abishek. Novel analytical method development for estimation of Remdesivir in bulk byusing Bromocresol purple- Acid dye, Chem. Bull. 2023;12(5):1199-1207.
14. Aalasyam Naveen, Vijaykumar Sayeli, Uma Pokala, Kamatham Praveen. Sai Sailesh Kumar Goothy, Effectiveness of 12 Weeks of Practice of Raja Yoga Meditation on Cognitive Functions in Young Adults. Journal of Pharmaceutical Negative Results, 2022;13(8):4550-4552.
15. Kadmad Abdul Hameed Mohamed Azar, Devaraj Ezhilarasan, Suresh Rao, Kamatham Praveen. Evaluations of sub-acute toxicity of the ethanolic root extract of coleus vettiveroides in albino wistar rats. European Chemical Bulletin. 2022;11(10):101.
16. Aalasyam Naveen, Vijay Kumar Sayeli, Uma Pokala. Effectiveness of 12-week Om chanting on reaction time and spatial and verbal memory. Asian Journal of Medical Sciences.2022;13(10):233-236.
17. Kishan Dhaniyala, Vurimi Bhopal Chandra, Sriharsha Rayam. A Cross-Sectional study of antihypertensive drug utilization pattern in rural population of southern India. Asian J Pharm Clin Res, 2022;15(3):39-41.
18. Sriharsha Rayam, Kudagi BL, Ramya Jonnalagadda, Raveendra Kumar Nallabothula. To evaluate the effect of morus alba leaves extract on sleep and anxiety in rat models. Asian J Pharm Clin Res, 2022;15(1):100-102.
19. Sriharsha Rayam, Shabnum Musaddiq, Purna Prasad Meegada. A Cross-Sectional study of attitude among medical students about online learning during Covid-19 pandemic in southern India. Asian J Pharm Clin Res, 2022;15(8):190-192.
20. Hazra M. A pharmacovigilance study of comparative safety assessment of bedaquiline and levofloxacin, among multi-drug resistant tuberculosis patients in global multi-centre tertiary care hospitals, and an anti-tubercular molecular pharmacotherapeutic analysis of bedaquiline. World J Pharm Res. 2022;11(1):910-928.
21. Hazra M. A comparative study on the pharmacovigilance scoring of causality assessment grading and staging of topical pharmacotherapy of ofloxacin 0.3% ophthalmic solution in bacterial conjunctivitis and ofloxacin 0.3% otic solution in otitis externa. Int J Basic Clin Pharmacol. 2022;11(2):173-180.
22. Hazra M. A comparative safety assessment of levosalbutamol and salbutamol, with the conventional drug delivery system, metered-dose inhaler, in mild asthma; with a Pharmacovigilance monologue. Int J Sci Stud. 2022;9(10):22-27.
23. Hazra M. A clinical pharmacological study of quantitative specific symptomatology in global anaemic patients, and pharmacovigilance evaluation of ferrous ascorbate supplements. Int J Curr Med Pharm Res. 2022;8(01):62-65.
24. Hazra M. A pharmacovigilance safety assessment and prescription patterns analysis of delamanid among global tertiary care multi-drug resistant tuberculosis patients: a study, in rational pharmacotherapeutic appraisal. Int J Curr Med Pharm Res. 2022; 8(1):42-45.
25. Hazra M. Pharmacokinetic dose-deceleration study in evidence-based medical pharmacovigilance evaluation of anti-asthmatic aerosolised levosalbutamol, and qualitative pharmacogenomic association analysis between ADRB2 genetic polymorphisms and β_2 sympathomimetic mechanisms: a mixed method Clinical Research.Int J Curr MedPharm Res. 2022;8(1):28-32.
26. Hazra M. A clinical endocrinological quantitative study of specific symptomatic features among global type II diabetic patients, and a pharmacogenomic analysis of anti-diabetic pharmacotherapeutic agents. Int J Curr Med Pharm Res. 2022;8(1):33-36.
27. Hazra M. "Betatrophin: A Novel Medical Advance": A Medical Book. A Descriptive Analysis, in Clinical Research." World J Pharm Res. 2022;11(2):525-536.
28. Hazra M. A pharmacokinetic associative correlational study of varying drug doses with gemigliptin safety and anti-diabetic pharmacotherapeutic compliance.Int J Sci Stud. 2022;9(11):37-43.
29. Hazra M. A pharmacokinetic dose-variation study of metformin and gemigliptin pharmacovigilance, and the clinical pharmacological significance of recent anti-diabetic pharmaceuticals. Int J Curr Med Pharm Res. 2022;8(1):19-24.
30. Hazra M. An observational descriptive analytical clinical research study on the molecular pharmacological aspects of organoids and their clinical pharmacotherapeutic applications, in molecular medicine. IJMSIR. 2022;7(1):45-53.
31. Hazra M. The Molecular Evidence-Based interactions between betatrophin and diabetes mellitus: A descriptive analytical Clinical Research. IJMSIR. 2022;7(1):45-53.

Projects:

1. Evaluation of hypoglycemic and anti – hyperglycemic activity of alcoholic extract of Mangiferaindica seeds in wistar rats – P. Naveen, Professor.
2. Evaluation of antidiabetic activity of commercially available extract of Phyllanthus Emblica in wistar rats. S. Vijay Kumar, Assistant. Professor.
3. Anti Inflammatory activity of flavonol and few structurally related dimethoxy flavonols in wistar rats. S Vijay Kumar, Assistant Professor.
4. Evaluation of Local Anaesthetic activity of samaneasaman flowers on Rabbit eye. Dr. Naveen, Professor.



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Department Of Physiology

Overview of Department:

Medical physiology concentrates on the organisation and functioning of human body. Physiology is the basis for understanding diseased states and their treatment modality.
Our Physiology department includes enthusiastic and hardworking faculty. Regular Undergraduate and Post Graduate activities are taking place. We have 3 Ph.D scholars doing their Doctorate thesis.
Department renders high quality teaching and training undergraduate and postgraduate students. It has a well-structured program for undergraduate and postgraduate students which includes lectures, tutorials, Seminars, Journal Clubs, laboratory practicals and demonstrations. Department encourages faculty and doctoral candidates to take new interesting research projects, and present the topic in conferences and do publications. Physiology department actively participate in research and medical education activities. In collaboration with clinical departments we conduct integrated teaching and early clinical exposure to make the subject more interesting and improvethe ability of studentsto learn about pathological aspects of diseases.

Imparting knowledge of physiology to paramedical courses like dentistry and nursing also come under department's purview.
Under the guidance of Institutional Head, Academic and extracurricular performances of students are closely monitored with a strong and efficient mentorship program. Regular feedback is taken from students regarding teaching learning methods, any suggestions for improvise is considered.

Planning for digital clinical laboratory set up in coming days. Implementation of AETCOM from this academic batch 2019-20.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Peterson Rufus Rajkumar	17233970	Professor&HOD	Permanent
2	Dr. Puvvada Amrutha	95670576	Associate Professor	Permanent
3	Dr. B S Sunitha	84331581	Assistant Professor	Permanent
4	Dr. Kampati Sudhama	16755431	Assistant Professor	Permanent
5	Ms. Kanneganti Jhansi	48204844	Assistant Professor	Permanent
6	Mr. Annepaka Eliya Raju	40826351	Senior Resident	Permanent
7	Dr. Yasa Suresh Kumar	73544835	Tutor	Permanent
8	Dr. Narasimha Setty Sri Sai Sravya	05463759	Tutor	Permanent
9	Dr. Bojja Pradyumna	68063621	Tutor	Permanent
10	Dr. Kurapati Saketh	98480453	Tutor	Permanent
11	Dr. M. Jaya Krishna	97843941	Tutor	Permanent
12	Dr. Mandepudi Supriya	552124801	Tutor	Permanent
13	Dr. Yanala Usha Sree	28719762	Tutor	Permanent
14	Dr. Pappu Sai Sruthik	04555992	Tutor	Permanent

COURCES OFFERED:

MBBS, BDS, B.Sc. (NURSING) & MD in PHYSIOLOGY.

CORE COMPETENCIES:

Proper understanding of subject. Applying the concepts of Physiology in understanding and practicing clinical medicine

To enhance knowledge and skill in performing the practical tests and examining the patients.

Enable the students to emerge as a competent trained medical professional and able to deliver independent, quality and effective healthcare service to the community Encourage faculty in research activities

FACILITIES & LEARNING SOURCES OF THE DEPARTMENT:

- Departmental library is provided with 178 books and two desktops with an internet facility.
- Didactic lecture gallery with facilities of various audio-visual aids.
- Haematology laboratory
- Well-equipped Clinical and Human laboratory
- Amphibian and Mammalian Laboratory

RESEARCH & PUBLICATIONS:

1. Kancharla Sirisha, Kanneganti Jhansi. Does Crossword Puzzle Rightly Cross the Brain of Medical Students. International Journal of Pharmaceutical and Clinical Research. 2024;16(7):1235-1241.
2. Kanneganti Jhansi, Kancharla Sirisha, K Amulya Sanghamithra. Prevention is Better than Cure: A Study of Platelets, CRP Predisposing to Preeclampsia in Healthy Antenatal Women. International Journal of Pharmaceutical and Clinical Research. 2024;16(8):1040-1043.
3. Kancharla Sirisha, Kanneganti Jhansi . Does Crossword Puzzle Rightly Cross the Brain of Medical Students? International Journal of Pharmaceutical and Clinical Research 2024; 16(7); 1235-1241
4. M.Gopi et.al; Novel Machine Learning Approach for Forecasting the Possibility of Recurrence in Community-Acquired Pnemonia: salud, ciencia,y Technologia. 2024;4;929.
5. K.Amrutha, J.Harsoda, Sympathetic Overactivity and Parasympathetic Impairment in Type 2 Diabetes: An Analysis of Cardiovascular Autonomic Functions. Cureus 16(5): 59561.
6. K.Amrutha, J.Harsoda, Metabolic Dysregulation and Its Multifaceted Impact on Cardiovascular Autonomic Control in Type 2 Diabetes Mellitus: Insights From Comprehensive Assessment. Cureus 16(5): 59776.
7. Eliya raju, Annepaka, Muthulakshmi Rangasmy, Srilakshmi , Suresh Babu, Investigation of the Cognitive activity between the leaf extracts of eclipta alba and ziziphus jujuba in diabetic animal models. , Cureus 16(3):e55400.DOI 10.7759.
8. Purna Singh, Bagavathiammal Periyasamy, Rajput S. A. Kiran Singh, Seralathan G, Thamizhvanan, Nallasivam, Panneerselvam Periasamy. Frequency of ABO Blood Groups in HIV Infected Individuals in Khammam-Telangana. International Journal of Pharmaceutical and Clinical Research. 2024;16(3):1038-1042.
9. Rufus Rajkumar Peterson,G.Sandeep .Perception of First MBBS students to AETCOM module on Doctor patient relationship..InternationalJournal of Pharmaceutical and Clinical Research2023,15(4):1664-1668.
10. Rufus Rajkumar Peterson,G.Sandeep Cold pressor test as a predictor of Hypertension in normotensive medical students .International Journal of Pharmaceutical and Clinical Research2023,15(7):787-789.
11. Ankur, K.Amrutha,Sashikantverma,Rampure MDilip. Cardiovascular autonomic neuropathy in Diabetis Mellitus, European Journal of cardiovascular medicine. 2023;13(3):216-2170.
12. Ankur,K.Amrutha,Sashikantverma,Rampure MDilip. Pattern of respiratory diseases in Diabetes Mellitus .European Journal of cardiovascular medicine. 2023;13(3):1775-1780.
13. P Amrutha.The effects of exercise on blood pressure regulation in patients with hypertension, An instructional study.Journal of Cardiovascular disease research. 2023;14(8):2241-2245.
14. P Amrutha. Analysis of haemoglobinto red cell count ratio in individuals with sickle cellanemia and healthy controls, Journal of Cardiovascular Disease Research. 2023;14(8):2237-2240.
15. K.Amrutha. A study to evaluate the association of HBA1C and Cardiovascular functions among the diabetic and non- diabetic population of a rural setting. European Journal of Molecular & Clinical Medicine, 2022;9(4):3628-3633.
16. K.Amrutha. Association of autonomic imbalance with cardiovascular risk in diabetic patients of a tertiary care setting: An observational study. European Journal of Molecular & Clinical Medicine, 2022;9(4):3624-3627.
17. K. Jhansi. Evaluation of maternal cortisol – to –highly sensitive C-reactive protein ratio and glucocorticoid receptor resistance at 11-14 weeks of pregnancy to predict pre-eclampsia. Current Medicine Research and Practice, September – October 2022;12(5):205-210.
18. Jhansi. Association of D-dimer and Lipid Biomarkers with Preeclampsia and Their Role in Prediction from a Rural Tertiary Care Setting. Journal of Scientific Society, May – August 2022;49(2):121-124.

ONGOING PROJECTS:

- Cardio- vascular Autonomic function tests in type –II Diabetics & non-Diabetics by Mrs.K.Amrutha.
- Evaluation of W.B.C sub type ratios, platelet indices and hs – CRP levels to predict the pre – eclampsia at 11-14 weeks of human pregnancy by Miss. K. Jhansi.






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Psychiatry

Overview of Department:

- The department of Psychiatry provides a Comprehensive, Integrated, multidisciplaning service is the management of patients with Psychological & Psychiatric disorders.
- Empathetic care to the patients and their family members and integrating them into the society
- Community service
- An orientation to principals of research methodology.
- To train Under Graduates & Post Graduates with basic skills in Psychiatry and Scientific foundation in behavioral science
- Department of Psychiatry caters the needs of primary, secondary and tertiary care to the people of khammam and surrounding districts.

Departmental Faculty:

86558942
M.D. (Psychiatry)Senior ResidentPermanent

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Pramod Kumar Reddy Mallepalli	29597228	TSMC/59283	M.D. (Psychiatry)	Professor & HOD	Permanent
2	Dr. Ravulapati Sateesh Babu	59432549	TSMC/9339	M.D. (Psychiatry)	Professor	Permanent
3	Dr. Geethanjali M Doddamani	05331514	TSMC/ 15102	M.D. (Psychiatry)	Associate Professor	Permanent
4	Dr. Kandhi Sri Divya Reddy	63928064	APMC/FMR/83771	M.D. (Psychiatry)	Associate Professor	Permanent
5	Dr. Kolli Srikanth	14409821	APMC/FMR/100154	M.D. (Psychiatry)	Assistant Professor	Permanent
6	Dr. Govindappagari Venkata Jithendra	49028189	TSMC/FMR/35596	M.D. (Psychiatry)	Assistant Professor	Permanent
7	Dr. Amit	63007062	101852	M.D. (Psychiatry)	Senior Resident	Permanent
8	Dr. Kancharlapalli Prasanna Kumar	46357091	APMC/FMR/104371	M.D. (Psychiatry)	Senior Resident	Permanent
9	Dr. Kanala Keeravani	46357091	TSMC/FMR/09099	M.D. (Psychiatry)	Senior Resident	Permanent
10	Dr.Midhunakula Chithanuri Sai Anurag	86558942	TSMC/FMR/11417	M.D. (Psychiatry)	Senior Resident	Permanent
11	Dr.K Rheea Cheriyan	04171904	TSMC/FMR/09394	M.D. (Psychiatry)	Senior Resident	Permanent
12	Dr. Tata Manjula	21706351	A30248	M.Phil (Clinical Psychology), Ph.D (Faculty of Humanitieis)	Clinical Psychologist	Permanent

COURSES OFFERED: MD Psychiatry

Special Clinics

- Child guidance clinic
- Adolescence guidance
- De-addiction clinic
- Geriatric and community psychiatry

Clinical Services:

- Free OPD care with free registration & free consultation in OPD.
- Multi disciplinary assessments by cross references as and when required.
- Emergency care.

Community health services:

- School mental health camps.
- Regular Rural mental health camps

CORE COMPETENCIES:

- Our Institution has good academicians' who are strive to impact the best educations possible for students. The team works of the staff gives the best possible outputs academic wise.
- Ours is leavel-3 tertiary care center with all equipment and manual resources providing the best treatment and care compared to other hospitals with cost effectiveness.

FACILITIES & LEARNING SOURCES OF THE DEPARTMENT

- Consultation cum examination
- Provision for Special clinics.
- Psychometric facilities.
- Anesthesia assisted ECT.
- C Seminar hall with aids like LCD projector & laptop.
- Demo models and charts for counseling.
- Departmental library with a collection of 139 books.
- **IPD:** Closed ward facility for aggressive patients and de-addiction centre
- E-learning classes to all under graduates and post graduates.
- Encourage students to actively participate in both state and national level activities academically and non-academically in all kind of activates.
- Equipped with skilled lab where both post graduates and under graduates are given hands on training skills.
- Intensive Teaching schedule on all working days for Post graduates.
- Clinical postings done regularly with ward leaving examinations to under graduates.
- We update ourselves regular approaches and treatment methods by from of journal club.
- The departmental library is provided with various journals and recent books- 139

RESEARCH & PUBLICATIONS (2020-2022)

1. K Rheea Cheriyan , Varnika Gurrapu Ravula Purvy Manhari, S Manjula and R Sateesh Babu. Prevalence of sleep disorders among south Indian medical students. International Journal of Psychiatry Research 2024; 6(1): xx-xx.
2. D. Adil Faizan. Impact of alcohol dependence syndrome severity on male sexual dysfunction : A CONSORT – guided cross – sectional analysis. Revised: 05-Jun-2024, Accepted : 09-Jun-2024, Published.
3. D. Adil Faizan.Assessment of Eustachian Tube Function and H earing Status in Oral Submucous Fibrosisi : A Cross – Sectional Study, Doi : 10. 36478/makrjms. 2024:7:299-303.
4. Prashanth . A Cross Sectional Study of sexual dysfunction in alcohol dependence syndrome. International Journal in Psychiatry 2024;4(1):08-11.
5. Prashanth , Sreeja Moolamalla, Amitha Deep Chowdhary, M. Raguram And Pramod.A Cross Sectional Study of sexual dysfunction in alcohol dependence syndrome. International Journal in Psychiatry 2024;4(1):08-11.
6. Adil Faizan, M. Raghuram, Sri Divya Reddy, Geethanjali, R. Steesh Babu. Anxiety Depression , and Quality of Life in the Postnatal Period : A Cross – Sectional Analysis in a Tertiary Care Setting in Khammam, Telangana and South India. Accepted : 10 -July- 2024, Published : 21-Sep-2024.
7. Sana Kausar, Duddela Sara, Raghuram, Sateesh Babu, Pramod Kumar Reddy. Psychiatric Morbidity & Coping Strategies among Wives of Alcohol Dependence Syndrome. June 2024;7(1):07-12.
8. Abdul Rahman Baothman, Prashanth Challuri, Gattavali Ramana, Raghuram Macharapu, Pramod Kumar Reddy Mallepalli. A Study of assement of depression, anxiety, and stress among coronavirus disease 2019 patients at tertiary hospital, Telangana. J Psychiatry, 2022;8:14-9.
9. Bhavesh kumar jayantial Dhedhi, ramana Gattavalli, Gyan nihal Nadukuru, Raghuram Macharapu, Pramod Kumar Reddy Mallepalli. A Level of empathy and spirituality among undergraduate medical students of a tertiary hospital in Telangana: A cross-sectional study, A cross-sectional sudy, Telangana J Psychiatry, 2022;8:46-52.
10. Mohammad Sohel, Kavya sri Konneru,Pramod Kumar Reddy M. Unremitting Schizophrenia: A Study of functioning of a Family and social Support at Tertiary Centres, Telangana/REP Indian journal of Medical Psychiatry. 2022;5(2):59-64.
11. Sridhar Reddy N, Koneru kavya sri, Pramod Kumar Reddy Mallepally. A Study on effects of Drug addiction on Families in Telangana/REP Indian journal of Medical Psychiatry. 2022;5(2): 103-110.
12. Bangaru Sudheer, Koneru kavya sri, Pramod Kumar Reddy M. Depression and Anxiety Prevalence, Quality of Life and its Consideration among Psoriasispatients; A Cross-Sectional Study/ REP Indian journal of Medical Psychiatry. 2022;5(2):67-73.
13. Md.Adhil Faizan, Koneru kavya sri, Pramod Kumar Reddy Mallepally. A Study on the Problematic Internet use (PICU) in Telangana Undergraduate Medical Students/ REP Indian journal of Medical Psychiatry. 2022;5(2):41-49.
14. Vineela, Koneru kavya sri, Pramod Kumar Reddy Mallepally. Choosing Psychiatry as A Speciality-Attitude of Medical Students/ REP Indian journal of Medical Psychiatry. 2022;5(2):75-81.
15. Keeravani. , Koneru kavya sri, Pramod Kumar Reddy Mallepally. The severity of Domestic Violence and Its links to coping skills and Medication Compliance in Women With Mental ILLnesses in Telangana/ REP Indian journal of Medical Psychiatry. 2022;5(2):97-102.
16. Sudheer Bangaru, Ramana Gattavalli, Chandrika Nikitha Chowdary and Koratala Anoop. A study on valuation of mental health among the resident doctors, house surgeons, during the corona virus disease- 2019,pandemic at Teritary hospital, khammam, Telangana. . International Journal of research in Psychiatry. 2022; 2(1):11-13.
17. V Moulika, Ramana Gattavalli and chandrika Nikitha Chowdary. A study to assess education, knowledge and attitude towards homosexuality in Telangana, International Journal of Psychiatry. 2022;2(1):06-10.
18. Gyan Nihal N, Prashanth Challuri, Mallepalli Pramod Kumar Reddy, Ravulapati Satheesh Babu. Stress and anxiety among medical interns and doctors deputed in COVID duties, a cross sectional study, Telangana Journal of Psychiatry, 2021;7:122-7.
19. Lakshmi Shodhana ,Ravulapati Sateesh Babu. Emotional intelligence among medical undergraduates, interns, postgraduates, and medical practitioners : Archives of Mental Health. jan – june 2020; 21(1); 12-5.
20. Lakshmi Shodhana ,Ravulapati Sateesh Babu. A cross-sectional study of the barriers for seeking mental health care among medical undergraduates : Archives of Mental Health. jan – june 2020;21(1): 16-20.
21. Kandula Somabala Charishma, Ravulapati Sateesh Babu. The prevalence and correlates of social phobia among undergraduates medical students: Telangana Journal of Psychiatry. Jan – jun 2020; 6(1):64-68.
22. Bhavesh J Dhedhi, Ravulapati Sateesh Babu. Study of sleep quality among residents, interns, staff nuses and medical students: 2020;2(1):05-08.
23. Vivek Kumar Rachakatla, CH Prashanth. Perceptions of partner drinking problems, regulation strategies, and relationship outcomes: Archives of Mental Health, jan – june 2020; volume 21 (1): 39-42.
24. Bhavesh J Dhedhi, PrashanthChalluri. Study of sleep quality among residents, interns, staff nurses and medical students: 2020;2(2): 05-08.
25. GyanNihal N. Depression and anxiety symptoms in cardiac patients: RFP indian journal of medical psychiatry. jan – june 2020; 3(1)
26. GyanNihal. Stressors among medical college undergraduates: Archives of mental health. jul-dec 2020;21,(2).
27. Bhavesh J Dhedhi, GyanNihalN. Study of sleep quality among residents, interns, staff nurses and medical students: 2020; 2,(1): 05-08.
28. Abdul RahmanBaothman, RamanaGattavalli. A study of attitude towards psychiatry among private medical college undergraduates: RFP Indian Journal of Medical Psychiatry. Jan-Jun 2020; Vol 3 (1): 9-14.
29. Vivek Kumar Rachakatla, ManjulaSakamuri. Perceptions of partner drinking problems, regulation strategies, and relationship outcomes. Archives of Mental Health. jan – june 2020;21(1):39-42.
30. Lakshmi Shodhana, ManjulaSakamuri. Emotional intelligence among medical undergraduates, interns, postgraduates, and medical practitioners. Archives of Mental Health. jan – june 2020; 21(1);12-5.
31. Lakshmi Shodhana, Manjula Sakamuri. A cross-sectional study of the barriers for seeking mental health care among medical undergraduates: Archives of Mental Health. jan – june 2020;21(1);16-20.
32. Kandula Somabala Charishma, Manjula Sakamuri. The prevalence and correlates of social phobia among undergraduates medical students :Telangana Journal of Psychiatry. Jan – jun 2020; 6(1):64-68.
33. Manjula Sakamuri. The role of personality in marital satisfaction among distressed and non distressed married couples: EC Psychology and Psychiatry. 2020;9(10); 64-72.

PROJECTS (2019-2020)

1. Anxiety, depression, and quality of life in females diagnosed with polycystic ovarian syndrome – Dr. K. S. Charishma.
2. A study of psychiatric comorbidity in patients with ischemic heart disease – Dr. Abdul rahman Boathman.
3. Prevalence and correlates of sexual dysfunction in male patients with alcohol dependence syndrome – Dr. R. Vivek kumar.
4. A study of self stigma and self esteem inpersons with schizophrenia and bipolar affective disorder in their remission – Dr. Bhavesh J Dhedhi.

Conference:

1. **Dr. R. Vivek Kumar, Dr. K. S. Charishma,** Attended "16th Annual National Conference of Indian Association of Biological Psychiatry" 6th & 7th Feb 2021.
2. **Dr. R. Vivek Kumar, Dr. K. S. Charishma, Dr. Abdul Rahman, Dr. Bhavesh Dhedhi,** Attended Workshop on " Cyber & Workspace security for Women" conducted by IPS – South Zone Branch on 07-03-2021 –
3. **Dr. R. Vivek Kumar, Dr. K. S. Charishma,** Attended 6th Annual CME Programme of Indian Psychiatric Society, Telangana State branch held on 11th April 2021.
4. **Dr. K. S. Charishma,** Attended Monthly Online CME on "CHILD PSYCHIATRY , ADHD on 19th June 2021.
5. **Dr. Bhavesh Dhedhi,** Attended 33 ECNP Congress Educational Highlights Virtual Session , India 2021 on 15th May 2021.

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DEPARTMENT OF RADIODIAGNOSIS AND IMAGING

Overview of Department:

Comprehensive diagnostic studies with upto date latest techniques and advanced technology under supervision of experienced and dedicated faculty with deep knowledge. This Department gives 24X7 services and caters all clinical departments of our Institute.

The advanced Imaging moralities include latest MRI, Multislice CT, recently purchased Image Intensifier and colour Doppler Machines, routine X-ray and Special Investigations, exclusive Mammography and Sono-Mammography for detection of Brest cancers and transrectal probe to detect prostatic benign and malignant diseases etc...

Educational activity everyday to educate PG's and other clinical Department faculty members and PG students of these department.

The education to PG students is well governed by PG teachers and other faculty members of Department. An exclusive advantage is very good number of in and outdoor patients who are been diagnosed accurately this helps clinicians to treat them in time with proper health care.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1.	Dr. Mohan Kumar	92143735	TSMC/FMR/20545	M.D. (Radio-diagnosis)	Professor & HOD	Permanent
2.	Dr. Toutireddy Narasinga Reddy	67098563	HMC13263	M.D. (Radio-diagnosis)	Professor	Permanent
3.	Dr. Ramesh Chandra Adurti	70319436	TSMC/62719	M.D. (Radio-diagnosis)	Professor	Permanent
4.	Dr. Neelapu Kiran Kumar	05883244	48123	M.D. (Radio-diagnosis)	Professor	Permanent
5.	Dr.Katakam Usharani	74684034	37057	M.D. (Radio-diagnosis)	Professor	Permanent
6.	Dr. Elaprolu Praveen	58626624	APMC/FMR/79298	M.D. (Radio-diagnosis)	Associate Professor	Permanent
7.	Dr. Bathineni Haritha	65371191	APMC/FMR/75276	M.D. (Radio-diagnosis)	Associate Professor	Permanent
8.	Dr. Ailuru Vijaya Lakshmi	02989847	APMC/FMR/77824	M.D. (Radio-diagnosis)	Associate Professor	Permanent
9.	Dr. Dwara Manojna Devi	89896335	APMC/FMR/75620	DNB (Radio-diagnosis)	Assistant Professor	Permanent
10.	Dr. Sanju Sherji	57579922	Travncore Kochin Med. Council/59740	M.D. (Radio-diagnosis)	Assistant Professor	Permanent
11.	Dr. Srujana Chava	52154210	TSMC/60914	DNB (Radio-diagnosis)	Assistant Professor	Permanent
12.	Dr. Samineni Prshanth	31089920	TSMC/ 67746	DNB (Radio-diagnosis)	Assistant Professor	Permanent
13.	Dr. Kesidi Sravani	15557451	APMC/FMR/78930	M.D. (Radio-diagnosis)	Assistant Professor	Permanent
14.	Dr. Gurrala Abilash	17201871	TSMC/FMR/09174	DNB (Radio-diagnosis)	Senior Resident	Permanent
15.	Dr. Rukya Srihari	07807140	APMC/FMR/80197	M.D. (Radio-diagnosis)	Senior Resident	Permanent
16.	Dr. Puttagunta Sahithi	64268722	TSMC/FMR/03539	M.D. (Radio-diagnosis)	Senior Resident	Permanent
17.	Dr. Gandu Vasavi	98948869	TSMC/FMR/20128	M.D. (Radio-diagnosis)	Senior Resident	Permanent
18.	Dr. Yalakala Jothsna Devi	80710637	APMC/FMR/87238	M.D. (Radio-diagnosis)	Senior Resident	Permanent
19.	Dr. Nagandla Laxmi Likitha Chowdary	23648336	TSMC/FMR/10909	M.D. (Radio-diagnosis)	Senior Resident	Permanent

COURSES OFFERED: MD(Doctor of Medicine)-RADIO-DIAGNOSIS.

FACILITIES & LEARNING SOURCES OF DEPARTMENT:

S.NO	NAME OF THE EQUIPMENT	QUANTITY
1	MRI-1.5 Tesla (SIEMENS) MAGNETOM AVENTO TIM+DOT-18 CHANNEL SYSTEM	1
2	SPIRAL CT SOMATOM SPIRIT DUAL SLICE (SIEMENS)	1
3	Computed Radiography-FUJI	2
4	Ultrasound	3
5	2D COLOUR DOPPLER- Sonoscape-50 (IP) 4D (30.10.2019) Sonoscape-12 (IP) – (30.10.2019)	2
6	Mammography-Allengers	1
7	500mA-OP	1
8	300mA with Dark room Flouroscopy-IP	1
9	100mA	1
10	60mA MOBILE	8
11	800mA X-RAY Machine with IITV-IP	1
12	300mA X-RAY Machine-OP	1
13	800mA X-RAY Machine with IITV-Allengers(01.08.2019	1

We are having separate setup OPD for convenience of patients and early reports for clinicians and our residents and technicians are oppointed there.

ACADEMICS: Daily: 5 days Seminar,1 day Case presentation in morning Film reading session and journal reading in afternoon Montly: Written test and viva exam Thesis and research work of students is being evaluated every month.

AWARD & ACHIEVEMENTS:

Dr. LAXMIKANTH and his teammates (final years of Radio-Diagnosis) achieved Ist prize in spotters(QUIZ)contest conducted by I.R.I.A A.P Chapter, in Ashram Medical College on 24.11.2019 in which participants from more than 13 Medical Colleges participated. We had got Ist Prize in all the participated colleges which is glorious achievement of Mamata Medical College.

RESEARCH & PUBLICATIONS:

1. Bathineni Haritha, Vijaya Lakshmi Ailuru, Kolli Anudeep. Radiological E valuation of Cardiogenic vs Non-Cardiogenic Pulmonary Edema: A Comparative Prospective Study. Journal of Contemporary Clinical Practice. 2025;11(5):95-101.
2. Vijaya Lakshmi Ailuru, Bathineni Haritha and Kolli Anudeep. Clinical Corre lates of Echocardiographic and Radiographic Findings in Hypertensive Heart Disease. European Journal of Cardiovascular Medicine. May 2025;15(5):190-194.
3. Vijaya Lakshmi Ailuru, Bathineni Haritha, Dwara Manojna Devi, Vamsedhar Reddy Chapparapu, Role of MRI in Evaluating Gynecological Pathology, MAK HILL Research Journal of Medical Sciences. 2024;18(11):375-380.
4. T Narasinga Reddy. Assessing ability of dynamic contrast-enhanced MRI (DCE–MRI), and Diffusion-weighted image (DWI) to describe uncertain ovarian masses, European Journal of Molecular & Clinical Medicine, 2023;10(04):925-930.
5. T. Narasinga Reddy. An observational study to predict neonatal respiratory distress by evaluating the colour doppler of the foetal pulmonary artery, European Journal of Molecular & Clinical Medicine, 2023;10(04):931-936.
6. T. Narasinga Reddy. An analytical comparative evaluation of ultrashort TE lung MRI and HRCT lungs for detection of pulmonary nodules in oncology patients, European Journal of Molecular & Clinical Medicine, 2023;10(03):1589-1594.
7. T. Narasinga Reddy. A study to determine how accurately various measures of the PA, as viewed on HRCT, predict right heart catheterisation (RHC)-confirmed pulmonary hypertension, European Journal of Molecular & Clinical Medicine, 2023;10(03):1595-1601.
8. Dwara Manojana Devi, Rapelli Ramakrishna. A prospective study on role of magnetic resonance imaging in management of acute spinal trauma and assessing the extent of neurological deficit International, Journal of Radiology and Diagnostic Imaging, 2021;4(3):17-28: 2664-4436.
9. S.Althaf Ali, Dwara Manojna Devi, Plain. X-ray and mri evaluation of painful hip joint Asian, Journal of Medical Radiological Research. July-December 2020;8(2):2347-3371.

PROJECTS:

1. A Study on Role of MRI in Internal Derangement of Knee Joint, Dr.V.Pavani,MD ,Guide: Dr.V.Suresh,MD
2. Mri Evaluation Of Seizures, Dr.V.Kranthi Kiran,MD, Guide:Chandra Shekhar Gattani,MD,DMRD.
3. Colour Doppler Evaluation Of Lower Extremity Deep Vein Thrombosis, Dr.S.Rohan Kumar,MD,Guide: Dr .Manjari Joshi,MD
4. Ultrasound And Computed Tomographic Evaluation Of Pancreatitis And Its Complications, Dr.A.SnehaM,MD, Guide:Chandra Shekhar Gattani,MD,DMRD.
5. 5Computed Tomographic Evaluation Of Diseases Of Paranasal Sinuses, . Dr.E.Vishalini,MD,Guide: Dr.V.Suresh,MD
6. 6Role Of Mri In Evaluation Of Intra Axial Brain Tumors In Correlation With Mr Spectroscopy, .Dr.G.Reshma,MD,Guide:ChandraShekhar Gattani,MD,DMRD.
7. 7. Evaluation Of Breast Masses By Sonography, Mammography And Its Correlation With Fnac, Dr.N.Sumapriya,MD,Guide: Dr .Manjari Joshi,MD

PROJECTS:

1. A Study On Role Of Ultrasound Imaging In Non Traumatic Acute Abdomen, Dr.Samudrala Ganesh, MD, Guide:Dr.Suresh,.MD
2. A Utility of Ultrasonography and Computed Tomography in the Evaluation of Blunt Abdominal Trauma, Dr.k.Sravani,MD, guide:Dr.manjirijoshi,MD
3. A study of Role of Resolution Tomography in Diffuse Lung Diseases
4. Dr.samala snigdha,MD Guide: Dr.chandra shekhar gattani,MD,DMRD
5. Spiral ct Evaluation of Pulmonary Mass Lesions, Dr.Ankadi Shywini Kumari,MD,Guide: Dr. Chandra Shekhar Gattani,MD,DMRD.
6. Role of usg in Evaluation of Abdomen and Pelvic Masses in Adults, Dr. Bandari Balakrishna,MD,Guide: Dr.Manjiri Joshi,MD.






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Department of Respiratory Medicine

Overview of Department:
Respiratory Medicine is medical speciality that deals with Respiratory and Sleep disorders which is constantly evolving day by day.Interventional pulmonology,critical care and sleep medicine has further increased its scope in the present day. Interventional pulmonology is a relatively new field within pulmonary medicine that deals with the use of procedures such as bronchoscopy and thoracoscopy to treat several pulmonary and pleural diseases.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Segu Venkateswarlu	94354987	AMC19240	M.D. (TBRD)	Professor & HOD	Permanent
2	Dr.Sathambedu Padmanabha Venkataramana Kishore Babu	63775482	TSMC/37884	M.D. (TBRD)	Professor	Permanent
3	Dr. Koppu Manikanta Dhanamurthy	72828111	TSMC/57373	M.D. (Pulmonary Medicine)	Professor	Permanent
4	Dr.Shaike Fayaz	61628348	APMC/FMR/89125	M.D. (Pulmonology)	Assistant Professor	Permanent
5	Dr. Ravi Prakash Rayudu	29791594	TSMC/ 52158	M.D. (Pulmonary Medicine)	Assistant Professor	Permanent
6	Dr. Basa Dhanusha	26940050	TSMC/FMR/07230	M.D. (Respiratory Medicine)	Assistant Professor	Permanent
7	Dr. Karnala Sahithi	97106239	APMC/FMR/86264	M.D. (Respiratory Medicine)	Assistant Professor	Permanent
10	Dr. Chinthanuru Shivani	41668937	TSMC/FMR/13695	M.D. (Respiratory Medicine)	Senior Resident	Permanent
10	Dr. Chitti Anudeep Varma	83596456		M.D. (Respiratory Medicine)	Senior Resident	Permanent
10	Dr. Neema K Saji	93914860	TSMC/FMR/25135	M.D. (Respiratory Medicine)	Senior Resident	Permanent

Courses offered:

M.D. [Respiratory medicine]

Core competencies:

- Department caters to the tertiary medical care needs of the Khamman and surrounding districts.
- Tuberculosis clinic – DOTS centre with DMC takes care of the NTEP of the entire district and drugs are provided free at the door steps.
- Allergy and Asthma clinic with Allergy skin tests,spirometry and patient education material provided free of cost.
- Smoking cessation clinic through counselling and de addiction protocols.
- H1N1/COVID -19 awareness programmes for doctors and general population.
- Diagnostic bronchoscopy
- Medical thoracoscopy for pleural disorders.
- Polysomnography [sleep study] with titrations studies for patients with OSA and other sleep related disorders

Equipment and Facilities:

- Free OPD and Inpatient facilities.
- Well-equipped RICU with Invasive and Non Invasive ventilators
- Video assisted bronchoscopy
- Polysomnography[Sleep study] with titration study.
- Pulmonary function lab
- Allergy skin testing kit
- USG/CT guided lung biopsy

Out Reach Programmes:

Medical services are made available to the poor and needy people of the community.

- Conducting free asthma and COPD camps with free PFTs and patient awareness programmes
- Conducting awareness programmes on harmful effects of smoking &Smoking Cessation Clinics
- Counselling and creating awareness among school children about TB, HIV, Smoking, Asthma, COVID -19 etc.

Learning resources

- Desktop with internet connection
- Laptop
- OHP & LCD Projectors

Departmental Library

- Departmental library has 100 books
- 3 International Journals subscribed besides Indian journals.
- Question bank / previous years questions/Objective type of questions

Research &Publications:

1. Varsha Kota ,Mani kumar, Niaz Farhat. BODE index in COPD patients and its correlation with GOLDseverity staging in predicting severity in stable COPD patients. International Journal Dental and Medical Sciences Research Volume, Jan-Feb 2023;5(1):716-721.
2. Priyanka, Niharika, NiazFarhat. Study Of Spirometric Evaluation In Type 2 Diabetes Mellitus Patients, IJOAR, March-2023;(12)03.
3. K.M.Dhanamurthy, Niaz Farhat, Fayaz Shaik, Karnala Sahithi. Multifactorial Evaluation of Pulmonary Hypertension in Patients with Chronic kidney Disease:An Institutional Study, Res.J.Med.Sci, Dec-2023;17:336-340.
4. K.M.Dhanamurthy, Niaz Farhat, Karnala Sahithi, Fayaz Shaik. Assessment of Clinical and Biochemical Associations Obstructive Sleep Apnea: An Institutional Experience, Res.J.Med.Sci,Dec-2023;17:341-345.
5. Krishna Chaitanya K, Karuna Reddy A,SravanthiP,Nithin josephB, Sathya Prasad A. Study of role of CBNAAT in Bronchial Washings of Patients with Presumptive Pulmonary Tuberculosis with negative Sputum Smear. EC Pulmonology and Respiratory Medicine. 2021; 10(9):01-07.
6. Kolli Krishna Chaitanya, A. Sathya Prasad,Study of diagnostic accuracy of CBNAAT in bronchial washings of sputum smear negative patients with presumptive pulmonary tuberculosis.Lung India. November 2019;36. Supplement 3 .

Ongoing Projects:

1. A role of CAT score in stable COPD patients- Dr Sravanthi.
2. Study of hematological profile in patients with pulmonary tuberculosis- Dr Nithin.
3. Study of Diagnostic accuracy of Cartridge Based Nucleic Acid Amplification Test[CBNAAT] and line probe assay[LPA] and their role in detecting the drug resistance- Dr Sravani.
4. A study of role of serum uric acid in assessing severity of COPD- Dr Sahithi.
5. Study of cardiac changes in COPD patients by ECG and 2D ECHO-Dr Karuna.
6. BODE INDEX as a predictor of severity in stable COPD patients and its correlation with GOLD Severity staging- Dr Mukesh.
7. Study the correlation between dyspnea, radiological findings and spirometry in patients with sequelae of pulmonary tuberculosis- Dr Prem.

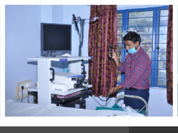
Orientation /Invited Guest lectures:

Dr A Satya Prasad HOD & Prof – 1stTelangana State Tuberculosis And Chest Diseases Conference, Hyderabad- 9th,10th February 2019.

Workshops:

1. Dr ChSaiSundeep – Training Course Of Indigenous Pleuroscopy Technique,R.D,Gardi medical college, Ujjain, September 2019.
2. Dr ChSaiSundeep – Ultrasound in critical care medicine,ISCCM Hyderabad chapter at Yashoda hospitals, Somajiguda, Hyderabad, November 2019.
3. Dr ChSaiSundeep -Thoracoscopy and pleural procedures, Yashoda hospitals, Somajiguda, Hyderabad, November 2019.






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Urology

Overview of Department

The Department of Urology provides comprehensive treatment for common urological problems like prostate diseases, urinary stones, infections, malignancies, and strictures of the urethra. The Department performs complex surgical procedures such as Intra renal Surgery, Nephron-sparing Surgery for Renal Cell Carcinoma exploiting hypothermia and regional vascular control. The learning process is facilitated and mentored by a dedicated faculty and support staff.

Departmental Faculty:

S. No.	Faculty Name	AEBAS Attend.ID	Medical Registration No.	Professional Qualification(s)	Designation	Nature of Employment (Permanent/Contractual)
1	Dr. Jonnalagadda SasiKumar	15023928	43711	M.Ch. (Urology)	Professor & Head	Permanent
2	Dr. Yeruva Anil Reddy	07186638	70653	M.Ch. (Urology)	Associate Professor	Permanent
3	Dr. Chapparapu Vamseedhar Reddy	87396924	APMC/FMR/82911	M.Ch. (Urology)	Associate Professor	Permanent
4	Dr. Nallamolu Naveen Kumar	43029060	67849	M.Ch. (Urology)	Assistant Professor	Permanent
5	Dr. Mudem Saikumar Reddy	26613599	TSMC/FMR/06381	M.S. (General Surgery)	Senior Resident	Permanent
6	Dr. Gajagowni Janardhan Goud	05358516	APMC/FMR/87434	DNB. (General Surgery)	Senior Resident	Permanent
7	Dr. Kumbha Raghu	32275898	APMC/FMR/93472	M.S. (General Surgery)	Senior Resident	Permanent
8	Dr. Yeramaneni Venkat Prashanth	18736835	TSMC/FMR/08506	M.S. (General Surgery)	Senior Resident	Permanent
9	Dr. Koneru Vaishnavi	74102268	TSMC/FMR/10712	M.S. (General Surgery)	Senior Resident	Permanent
10	Dr. Kandula Venkat	14383127	TSMC/FMR/09955	DNB (General Surgery)	Senior Resident	Permanent

Courses Offered : M.Ch. in Urology.

Core competencies:

- Separate Urology ward with 30 beds
- Dedicated 2 Urology OT
- Departmental Library
- Intra departmental discussion with Nephrology, Pathology and Radiology.

Facilities, Equipments & Special services

- Endoscopic, minimal invasive and reconstructive surgeries
- Ultrasonography
- Urodynamic Studies (Uroflowmetry)
- Doppler ultrasound
- Radiological investigations like Retrograde Ureterogram and Retrograde Pyelogram.
- Uro-endoscopy
- Phallodynamic Studies (Impotence Studies).
- Urodynamic study: Pressure flow studies with EMG.
- PCCL(Percutaneous Cystolithotrity)

Publications:

1. J.Sasikumar. Holmium: Yag Versus Thulium Fiber Laser Lithotripsy in Retrograde Intrarenal Surgery for Renal Calculi: A Single Centre Comparative Study.
2. J.Sasikumar. **Unveiling Penile Fractures: A Retrospective Analysis from a Tertiary Care Center**
3. G. Janardhan Goud, J. Sasikumar, Yeruva Anil reddy, CH.Vamseedhar Reddy, A. Jagadeeswar, P.Reshma and M. Saikumar Reddy. Endoscopic Management of Ureterocele in Adults: A Retrospective Cohort Study from a Tertiary Hospital.Research Journal of Medical Sciences. 2024;18(8):291-295.
4. Sasikumar,Yeruva Anil reddy, N. Ramamurthy , Sagar Soitkar. CH.Vamseedhar Reddy , Rahul Sharma, Nishanth Mydam, Jagadishwar. A. Evaluation of the Effectiveness of Percutaneous Nephrolithotomy in Supine and Prone Positions: A Prospective Interventional Study from Telangana, India, IJARS, 2023; 12(5): SO21-SO24.
5. Yeruva Anil reddy, J. Sasikumar, CH.Vamseedhar Reddy, and Sagar Soitkar. A Comparative Analysis of the Demographics in the Treatment of Ureteral stones: Ho: YAG Laser Lithoripsy versus Pneumatic Lithoripsy, International Journal of Tropical Medicine, October 2023;18(3):21-24.
6. Srinivas Banoth, Yeruva Anil Reddy, Sharma Rahul Mataprasad, N Rama Murthy, J. Sasi Kumar, Nishanth Kumar Mydam, Sagar Soitkar, Vamseedhar Reddy. IPSS Score (International Prostate Symptom Score) – A Tool to Evaluate Effectiveness of TURP (Transurethral Resection of Prostate) In BPH Patients, European Journal of Molecular & Clinical Medicine. 2022;09(07):777-782.
7. Sasikumar,Yeruva Anil reddy, N. Ramamurthy , Sagar Soitkar. CH.Vamseedhar Reddy , Rahul Sharma, Nishanth Mydam, Jagadishwar. A. Evaluation of the Effectiveness of Percutaneous Nephrolithotomy in Supine and Prone Positions: A Prospective Interventional Study from Telangana, India, IJARS, 2023; 12(5): SO21-SO24.
8. N. Rama Murthy, Sri Balram A, Y. Anil Reddy, B. Swapnil, P. Rahul Tej, B. Srinivas, J. Sasi Kumar. Comparative Study on Efficacy of Dutasteride and Tamsulosin Combination vs. Trans Urethral Resection of Prostate (TURP) in Benign Prostatic Hyperplasia (BPH) Patients. IAIM, 2020; 7(7): 7-17.
9. Shravani Myadam, Sri Balram A, Dileep Kumar Reddy, Nagaraj, P. Rahul Tej, N. Rama Murthy. Role of Computed Tomography in Blunt Abdominal Trauma Evaluation at a Tertiary Care Centre in Rural Setup. IAIM, 2020; 7(7): 18-24.
10. J. Sasi kumar, Dr. N Rama murthy, Role of Mini Pcnl In The Treatment Of Renal And Upper Ureteric Calculus. 2019, Jemds/2019/37.
11. J. Sasi kumar, Dr. N Rama murthy. Management of lower ureteral stones using Tamsulosin- A prospective study. 2019. IAIM 2019,6(1): 96-102
12. J. Sasi Kumar, P. Rahul Tej, A. Sri Balram, B. Srinivas, Y. Anil Reddy, B. Swapnil, N. Rama Murthy. Fractured retained Double-J stents presenting as urethral foreign body. IAIM, 2018; 5(12): 140-145.





Get In Touch

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