SAVEETHAMEDICALCOLLEGE&HOSPITAL,SIMATS
SAVEETHA NAGAR, THANDALAM,
CHENNAI-600056

Pro-FormaforDisplayofInformationontheCollegeWebsite

The FollowingDetails are mandatory to be filledupbytheMedicalCollege and displayed on their website (once entered should be updated without removal of data

SNo.	**Informationofthe medical college/institution** **Yearof Inception:** **Government/private:**	 2008 Private
1.	Name	SaveethaMedicalCollegeandHospital
2.	Addresswithpin code	SaveethaMedicalCollege,SaveethaNagar,Thandalam, Chennai602105
3.	Universityaddresswithpincode	No.162,PoonamalleeHighRd,Velappanchavadi, Maduravoyal, Chennai, Tamil Nadu 600077
4.	Officialwebsite	www.saveethamedicalcollege.com
5.	Dean/Principal/Director	Dr.J.Kumutha,M.D
6.	MobileNumber	9444023733/7358546767
7.	EmailIDofDean	principal.smc@saveetha.com
8.	Hospital	SaveethaMedicalCollegeandHospital
9	DateandYearofRegistrationof theHospital(DD/MM/YYYY)	01.06.2005
10.	NumberofBeds	1790
11.	NumberofBedsforemergency	30
12.	DateoftheFirstLetterof Permission(LoP)of MBBS (DD/MM/YYYY)&numberof seats	23.06.2008&150seats
13.	StatusofRecognition	150seats–Recognised (MCI-34(41)(UG)/2018-Med./178258) 250seats-Permitted(5th batch admitted)
14.	NumberofMBBSand PG broad specialtyandsuper specialty Students sanctioned	MBBS:250 MD/MS:136 DM/MCh:16

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15.	Inpatientsregisteredandadmitted (01.11.2025- 30.11.2025)**	8138
16.	Outpatients registered (01.11.2025- 30.11.2025)**	118242
17.	Number of Deaths reported tothe Municipality/ village register (01.11.2025- 30.11.2025)**	48
18.	Address and pin code of the Corporation/villagewheretheDeath records are reported	Village Adminstrative Office, No.55,ThandalamVillagepost SriperumbanthurTalukKancheepuram - 602105
19.	Website link/ email ID/ hyperlink of thecorporationincaseDeathRecords are reported	https.//www.ersth.org
20.	NumberofBirthsreported (01.11.2025- 30.11.2025)**	268
21.	Address and pin code of the Corporation/villagewheretheBirth records are reported	Village Adminstrative Office, No.55,ThandalamVillagepost SriperumbanthurTalukKancheepuram - 602105
22.	Websitelink/emailID/hyperlink of thecorporationincaseBirthRecords are reported	https.//www.ersth.org
23.	NumberofRooms in Men'sHosteland students accommodated	545 rooms Accomodated–486(UG)
24.	TotalNumberofRoomsinWomen's Hostelandstudentsaccommodated	540 rooms Accomodated–457(UG)
25.	NameoftheGrievanceRedressal Officer (PIO & CPIO):	Dr.Kannan R
26.	AddresswithPincode	Saveetha Medical College, Saveetha Nagar,Thandalam,Chennai602105

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27.	TelephoneNumber Email Id	sgrc.smc@saveetha.com 044-66726611
28.	Grievancesreported	Nil

29.DetailsofPost-GraduationCoursesoffered

Post-GraduateCourse	**Year of Commencementofthe Course**	**NumberofStudents Currentlypursuing TheCourse**		**Number of Students admitted (2024)**
		2022	**2023**	
MDAnaesthesiology	2014	12	12	12
MD Anatomy	2013	-	2	1
MD Biochemistry	2013	-	2	2
MD Dermatology,Venereology and Leprosy	2014	5	5	5
MDGeneral Medicine	2014	15	15	15
MD Microbiology	2014	2	4	4
MSObstetrics&Gynaecology	2015	10	10	10
MD Paediatrics	2015	9	9	9
MD Pathology	2015	10	10	10
MD Pharmacology	2013	1	1	1
MD Physiology	2013	-	2	2
MDCommunityMedicine	2015	7	7	7
MDPsychiatry	2015	4	4	4
MSGeneralSurgery	2014	15	15	15
MSOto-Rhino-Laryngology	2014	5	5	5
MS Orthopaedics	2015	12	12	12
MS Ophthalmology	2014	3	3	3
MDRadio-diagnosis	2014	11	11	11
MDRespiratory Medicine	2015	3	3	3

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DMNephrology	2018	-	2	2
DMNeurology	2019	1	1	1
M.ChUrology	2018	2	2	2
M.ChVascular Surgery	2017	1	2	2
DMCardiology	2016	-	2	2
M.Ch Plastic and ReconstructiveSurgery	2020	-	2	2
DMNeonatology	2021	2	2	1
DMCriticalcare Medicine	2021	-	2	1

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S.NO	NAME	AADHAR NO	TNMC NUMBER	QUALIFICATION	DEPARTMENT	DESIGNATION	NATURE OF EMPLOYEMENT	TOTAL TEACHING EXPERIENCE
PRECLINICAL DEPARTMENTS								
DEPARTMENT OF ANATOMY								
1	KARTHIKEYAN G	81895055	86817	MBBS, MD.,	ANATOMY	Professor NG	Permanent	15 Years 1 Months
2	SAMEEN TAJ	87319227	138953	MBBS, MD.,	ANATOMY	Professor NG	Permanent	17 Years 3 Months
3	S. KALAIYARASI	3276379	43178	MBBS, MD.,	ANATOMY	Professor Ng	Permanent	18 Years 9 Months
4	M YUVARAJ	75825856	NA	BPT, M.Sc., Ph.D.,	ANATOMY	Associate Professor NG	Permanent	10 Years 1 Month
5	BALAJI K	73263473	NA	BPT, M.Sc., Ph.D.,	ANATOMY	Associate Professor NG	Permanent	6 Years 8 Months
6	ABBIRAMI G R	41157405	128071	MBBS,MD	ANATOMY	Assistant Professor NG	Permanent	6 Years 4 Months
7	ANBARASAN ANBALAGAN	5354850	110854	MBBS, MD, PDF	ANATOMY	Assistant Professor NG	Permanent	7 Year 4 months
8	S SRINIVASAN	61857429	107741	MBBS, MD.,	ANATOMY	Assistant Professor NG	Permanent	7 Years 4 Months
9	SANKARANARAYANAN GOVINDHARAJAN	99288913	115182	MBBS, MD.,	ANATOMY	Assistant Professor NG	Permanent	7 Years 11 Months
10	DEEPAK ANGAMUTHU	80589652	133691	MBBS, MD.,	ANATOMY	Assistant Professor NG	Permanent	1 Year 5 Months
11	DR. KAMALESH S	70392687	139881	MBBS, MD.	ANATOMY	Assistant Professor NG	Permanent	4 Years 4 Months
12	DR. NAMACSCHIVYAM G R	17678801	89715	MBBS,MD	ANATOMY	Assistant Professor NG	Permanent	6 Years
13	DR. HARRISH THOMAS UDAYAKUMAR	15279233	110015	MBBS,MD	ANATOMY	Senior Resident NG	Permanent	3 Years 1 Month
14	ZAREENA BEGUM M	8905705	NA	BPT, M.Sc.,Ph.D.	ANATOMY	Senior Resident NG	Permanent	10 Years 1 Month
15	T DINESH	17927575	132784	MBBS, MD	ANATOMY	Senior Resident Ng	Permanent	3 Years & 4 Months
16	YAZHINI S	95474710	155584	MBBS, MD	ANATOMY	Senior Resident Ng	Permanent	3 Years & 3 Months
17	VANDANA KAVERIPAKKAM	34244504	NA	BDS, M.Sc.,	ANATOMY	Senior Resident NG	Permanent	5 Years & 10 Months
18	ANUSHIYA VERONA	74982394	NA	Msc (Medical Anatomy)	ANATOMY	Senior Resident NG	Permanent	10 Months
19	J. JACQULINE KIM	80280732	NA	Msc (Medical Anatomy)	ANATOMY	Senior Resident NG	Permanent	9 Months
20	M.R.MEENAKSHI	7592330	42055	MBBS, PG.Dip.USG.,	ANATOMY	Tutor NG	Permanent	15 Years & 3 Months
21	ISSAC IMMANUEL MANICKARAJ E	18126190	143933	MBBS	ANATOMY	Tutor NG	Permanent	
22	M.PONMALAI	69924520	104765	MBBS	ANATOMY	Tutor NG	Permanent	1 Year & 8 Months
23	GAYATHRI KALIYAPERUMAL	2029626	NA	MBBS	ANATOMY	Tutor NG	Permanent	6 Months

24	HARITHA GOVARTHANAM	16349844	126801	MBBS	ANATOMY	Tutor NG	Permanent	3 Years & 4 Months
25	KAVIN STEPHEN FRANCIS	36805483	166809	M.B.B.S	ANATOMY	Tutor NG	Permanent	2 Years & 1 Month
26	PIRADEEP S	67439442	175923	MBBS	ANATOMY	Tutor NG	Permanent	1 Year & 2 Months
27	S SOORIYA	64081381	186405	MBBS	ANATOMY	Tutor NG	Permanent	1 Year & 2 Months
28	VAITHEESWARAN T K	20451270	152504	MBBS	ANATOMY	Tutor NG	Permanent	4 Years & 6 Months
29	RATHINAVEL PAANDIAN R S	48199059	113902	MBBS	ANATOMY	Tutor NG	Permanent	1 Year & 8 Months
30	YOGEETHA SAMPATHKUMAR	5813943	120018	MBBS	ANATOMY	Tutor NG	Permanent	1 Year & 10 Months
31	MYTHILI	35263642	89491	MBBS	ANATOMY	Tutor NG	Permanent	1 Year & 10 Months
32	KAVITHA S	14026156	127501	MBBS	ANATOMY	Tutor NG	Permanent	7 Months
33	AZHARUDDIN	68001052	147221	MBBS	ANATOMY	Tutor NG	Permanent	5 Months
34	PRIYANGA ARIVUCHELVAN	74907433	138307	MBBS	ANATOMY	Tutor NG	Permanent	6 Months
35	ISSAC IMMANUEL MANICKARAJ E	18126190	143933	MBBS	ANATOMY	Tutor NG	Permanent	
36	BABITA	49488705	NA	Msc (Medical Anatomy)	ANATOMY	Tutor NG	Permanent	3 Months
37	JAI RAMA PRIYA S	69324513	NA	Msc (Medical Anatomy)	ANATOMY	Tutor NG	Permanent	
	DEPARTMENT OF BIOCHEMISTRY							
1	NARAYANAN ANANTHI	69796340	42863	MBBS, MD.,	BIOCHEMISTRY	Professor HOD NG	Permanent	27 Years
2	DR.KEDARI.G.S.R	12368508	49719	MBBS, MD.,	BIOCHEMISTRY	Professor NG	Permanent	20 Years
3	SURYAPRIYA	11637799	93752	MBBS,MD	BIOCHEMISTRY	Professor NG	Permanent	13 Years
4	GURUPAVAN KUMAR GANTA	93184252	115061	MBBS,MD	BIOCHEMISTRY	Professor NG	Permanent	13 Years
5	D. MERRIWIN	92689600	68831	MBBS, MD.,	BIOCHEMISTRY	Associate Professor NG	Permanent	10 Years
6	VEENA AUGUSTINE	24074157	76967	MBBS, MD.,	BIOCHEMISTRY	Associate Professor NG	Permanent	8 Years
7	PADMINI JEYARAJAN	70890086	115875	M.B.B.S, MD	BIOCHEMISTRY	Assistant Professor NG	Permanent	7 Years 6 Months
8	HEMALATHAA	90884585	96300	MBBS,MD	BIOCHEMISTRY	Assistant Professor NG	Permanent	6 Years 8 Months
9	DEEPAK RAJAN D S	19975296	NA	M. Sc (Medical Biochemistry), Ph.D	BIOCHEMISTRY	Assistant Professor NG	Permanent	4 Years
10	KEERTHIKA EDWARD RAJ	49717428	NA	M. Sc (Medical Biochemistry), Ph.D	BIOCHEMISTRY	Assistant Professor NG	Permanent	6 Years
11	MS. AAMERA FARHEEN	45647	NA	M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Senior Resident NG	Permanent	1 Year

12	**DOSIS JUDAH M S**	12510586	NA	M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Senior Resident NG	Permanent	1 Year
13	**GUNA K**	42706463	NA	M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Senior Resident NG	Permanent	1 Year
14	**SUBHATHRA S**	91494196	NA	M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Senior Resident NG	Permanent	1 Year
15	**DEEPIKA**	24519154	117644	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	1 Year 9 Months
16	**ANU AKSHARAA J P**	67590796	148851	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	1 Year 9 Months
17	**INDHUMATHI R K**	40387287	129397	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	1 Year 9 Months
18	**JAYAKAVIYA**	62060035	155400	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	1 Year 9 Months
19	**TENIN JOSEWIN**	12456395	99899	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	6 Months
20	**KALAIARASI S**	37641595	133403	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	6 Months
21	**VINEETH V**	87350603	115116	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	6 Months
22	**ATHIRA MULLACHERRY PADMANABHAN**	70846909	73429	MBBS	BIOCHEMISTRY	Tutor NG	Permanent	6 Months
23	**MS. SHRIDHARSHINI S**	80486955	NA	M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	1 Year
24	**DIVYA M**	9825402	NA	M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	
25	**SHARDA KUMARI**	50020186		M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	
26	**AJAY A**	77719977		M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	
27	**SHARON BABY R**	36959189		M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	
28	**VAISHNAVI C**	76980820		M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	
29	**PRIYADHARSHINI E**	48238121		M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	
30	**ANGEL SHEEBA R**	71982045		M. Sc (Medical Biochemistry)	BIOCHEMISTRY	Tutor NG	Permanent	
DEPARTMENT OF PHYSIOLOGY								
1	**VIJAYALAKSHMI**	82845368	41595	MBBS, MD, Ph.D.,	PHYSIOLOGY	Professor HOD NG	Permanent	25 Years 2 Months
2	**LINGARAJ JAYALAKSHMI**	84923468	54076	MBBS,MD	PHYSIOLOGY	Professor NG	Permanent	23 Years 9 Months
3	**NALINI**	16396657	83138	M.B.B.S, DGO, MD	PHYSIOLOGY	Professor NG	Permanent	16 Years 1 Month
4	**JABIR P K**	14502707	32179	MBBS,MD	PHYSIOLOGY	Professor NG	Permanent	11 Years 7 Months
5	**SUMA S**	47928595	107075	MBBS,MD	PHYSIOLOGY	Associate Professor NG	Permanent	10 Years 1 Month
6	**R MADUMATHY**	12836244	114788	MBBS, MD, DNB	PHYSIOLOGY	Assistant Professor NG	Permanent	8 Years 3 Months

7	RAJAJEYA KUMAR MANIVEL	54950358	76469	MBBS,MD,ACME,MSC Yoga	PHYSIOLOGY	Assistant Professor NG	Permanent	16 Years 7 Months
8	S V AJANTHA	12781667	109608	MBBS,MD	PHYSIOLOGY	Assistant Professor NG	Permanent	4 Years 6 Months
9	JEEVALAKSHMI R	82051700	130040	MBBS,MD	PHYSIOLOGY	Assistant Professor Ng	Permanent	7 Years 11 Months
10	NAYANA M NAIR	12259547	112038	MBBS,MD	PHYSIOLOGY	Assistant Professor Ng	Permanent	5 Years 10 Months
11	RAJESHWARI. P	42162669	NA	Msc (Medical Physiology)Ph.D.	PHYSIOLOGY	Assistant Professor NG	Permanent	1 Year 4 Months
12	DR. GUDIYAN EDWIN EZRA PAUL	13603396	30237	MBBS,MD	PHYSIOLOGY	Senior Resident NG	Permanent	3 Years 2 Months
13	PARVATHY U	10415509	166096	MBBS, MD	PHYSIOLOGY	Senior Resident Ng	Permanent	3 Years 3 Months
14	PAVITHRA	89025354	157162	MBBS, MD	PHYSIOLOGY	Senior Resident Ng	Permanent	3 Years 3 Months
15	SATEESH KUMAR J	88385518	143792	MBBS, MD	PHYSIOLOGY	Senior Resident Ng	Permanent	3 Years 3 Months
16	KARTHIK	26917127	NA	Msc (Medical Physiology)	PHYSIOLOGY	Senior Resident NG	Permanent	3 Years 4 Months
17	M V SUBHASHREE	78396962	NA	Msc (Medical Physiology)	PHYSIOLOGY	Senior Resident NG	Permanent	10 Months
18	PADMAVATHY U S	44033322	NA	Msc (Medical Physiology)	PHYSIOLOGY	Senior Resident NG	Permanent	2 Years 4 Months
19	U VENKATA ANUSHA	73981804	NA	Msc (Medical Physiology)	PHYSIOLOGY	Senior Resident NG	Permanent	9 Months
20	DHARSHINY D	98123201	NA	Msc (Medical Physiology)	PHYSIOLOGY	Senior Resident NG	Permanent	7 Months
21	PAVITHRA J	5560436	NA	Msc (Medical Physiology)	PHYSIOLOGY	Senior Resident NG	Permanent	
22	AYYANAN R	23216583	162920	MBBS	PHYSIOLOGY	Tutor NG	Permanent	1 Year 7 Months
23	VARNA MAHENDRA RAJ	27596446	167209	MBBS	PHYSIOLOGY	Tutor NG	Permanent	7 Months
24	LAVANYA L	36245124	78942	MBBS	PHYSIOLOGY	Tutor NG	Permanent	1 Year 7 Months
25	SAKTHI RENGARAJAN SIVARAMAN	10373445	165313	MBBS	PHYSIOLOGY	Tutor NG	Permanent	2 Years 6 Months
26	RAGASRIMATHI RAJESWARI GAUTHAMAN	48641866	149086	MBBS	PHYSIOLOGY	Tutor Ng	Permanent	1 Year 7 Months
27	P.VIJAI VIGNESH	41586562	134961	MBBS	PHYSIOLOGY	Tutor Ng	Permanent	1 Year 7 Months
28	JOSELINE SOFIA SHARON	13752827	152281	MBBS	PHYSIOLOGY	Tutor Ng	Permanent	1 Year 7 Months
29	THARANI VASUDEVAN	28235678	133881	MBBS	PHYSIOLOGY	Tutor Ng	Permanent	1 Year 7 Months
30	FARIDA FAHHIMA A	56036973	171060	MBBS	PHYSIOLOGY	Tutor Ng	Permanent	1 Year 7 Months
31	RUBINA MARY A	41372247	175154	MBBS	PHYSIOLOGY	Tutor Ng	Permanent	1 Year 7 Months
32	P V MITHUL PRANAV	9182997	155310	MBBS	PHYSIOLOGY	Tutor Ng	Permanent	4 Months

33	LAKSHMI S	20106975	NA	Msc (physiology)	PHYSIOLOGY	Tutor Ng	Permanent	
	GAYATHRI K	77754365	NA	Msc (physiology)	PHYSIOLOGY	Tutor Ng	Permanent	
PARA CLINICAL DEPARTMENTS								
DEPARTMENT OF MICROBIOLOGY								
1	S.JAYAKUMAR	47767619	71611	MBBS,MD	MICROBIOLOGY	Professor NG	Permanent	14 Years 7 Months
2	E SUBBALAKSHMI	90469311	50080	MBBS,MD	MICROBIOLOGY	Professor NG	Permanent	11years 11 Months
3	ARUNA D	63983612	56313	MBBS, MD.,	MICROBIOLOGY	Associate Professor NG	Permanent	11 Years 8months
4	DR. YAZHINI K	63977531	97383	MBBS,MD	MICROBIOLOGY	Associate Professor NG	Permanent	10 Years 10 Months
5	G.BHUVANESHWARI	53400020	NA	M.Sc, Ph.D.,	MICROBIOLOGY	Associate Professor NG	Permanent	12 Years
6	HARISH MANOHARAN	64614267	129356	MBBS,MD,FIID	MICROBIOLOGY	Assistant Professor NG	Permanent	7 Years 3 Months
7	YAMINI A	77645038	124065	MBBS,MD	MICROBIOLOGY	Assistant Professor NG	Permanent	7 Years 2 Months
8	NISHAT	81237267	118812	MBBS,MD	MICROBIOLOGY	Assistant Professor NG	Permanent	4 Years 5 Months
9	VIDYAA NAYAKI S	60378016	115586	MBBS,MD	MICROBIOLOGY	Assistant Professor NG	Permanent	7 Years 2 Months
10	DR. KRITHIKAA SEKAR	39461941	102354	MBBS,MD	MICROBIOLOGY	Assistant Professor NG	Permanent	10 Years 1 Month
11	SANGEETHA G A	81924721	135092	MBBS,MD	MICROBIOLOGY	Senior Resident NG	Permanent	4 Years
12	DR. ADLIN BENJAMIN	57857665	128500	MBBS, MD	MICROBIOLOGY	Senior Resident NG	Permanent	3 Years 3 Months
13	DR. AISHWARYA K	20764136	96898	MBBS, MD	MICROBIOLOGY	Senior Resident NG	Permanent	3 Years 3 Months
14	DR. GEETHUNATH G K	29579831	170852	MBBS, MD	MICROBIOLOGY	Senior Resident NG	Permanent	3 Years 3 Months
15	DR. PRAVEETHA C	97904586	139637	MBBS, MD	MICROBIOLOGY	Senior Resident NG	Permanent	3 Years 4 Months
16	DR. VIVEK SAJI	12301311	75665	MBBS, MD	MICROBIOLOGY	Senior Resident NG	Permanent	3 Years 5 Months
17	M.NIVAEDHITHA	34485756	162498	MBBS	MICROBIOLOGY	Tutor	Permanent	2 Years 8 Months
18	RITHVIKA V	7742056	153091	MBBS	MICROBIOLOGY	Tutor	Permanent	2 Years 7 Months
19	MALATHI V	33609315	85085	MBBS	MICROBIOLOGY	Tutor	Permanent	1 Year 7 Months
20	SUJITHA J	5454451	129344	MBBS	MICROBIOLOGY	Tutor	Permanent	1 Year 6 Months
21	NABAMITA BHAUMIK	89174245	136548	MBBS	MICROBIOLOGY	Tutor	Permanent	1 Year 5 Months
22	KEERTHANA PERUMAL	86122433	127554	MBBS	MICROBIOLOGY	Tutor	Permanent	1 Year 6 Months

23	E KIRTHANAA	10008991	144825	MBBS	MICROBIOLOGY	Tutor	Permanent	6 Months
24	D VAISHALY REDDY	59801751	159253	MBBS	MICROBIOLOGY	Tutor	Permanent	6 Months
25	AARTHY S	89790253	110484	MBBS	MICROBIOLOGY	Tutor	Permanent	5 Months
26	NABEEL MOHAMMED N	41600270	198164	MBBS	MICROBIOLOGY	Tutor NG	Permanent	4 Months
27	SAI SOUNDARYA G	34113097	NA	Msc(Medical Microbiology)	MICROBIOLOGY	Tutor NG	Permanent	
28	UMMAL MAQSUMMIYA Z	89435294	NA	Msc(Medical Microbiology)	MICROBIOLOGY	Tutor NG	Permanent	
	DEPARTMENT OF COMMUNITY MEDICINE							
1	DINESH KUMAR G	81364995	95454	MBBS, MD.,	COMMUNITY MEDICINE	Professor NG	Permanent	13 Years, 2 Months
2	BUVNESH KUMAR M	68818439	100456	MBBS, MD.,	COMMUNITY MEDICINE	Professor NG	Permanent	12 Years, 1 Month
3	YOGESH MOHAN	41362269	62377	MBBS, MD.,	COMMUNITY MEDICINE	Professor NG	Permanent	17 Years
4	SHINY CHRISM QUEEN NESAN GOKULANESAN	15856571	109807	MBBS, MD.,	COMMUNITY MEDICINE	Associate Professor NG	Permanent	9 Years 2 Months
5	NISHA B	4601634	98171	MBBS, MD.,	COMMUNITY MEDICINE	Associate Professor NG	Permanent	10 Years 3 Months
6	CHARUMATHI B	45635464	130891	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	7 Years
7	I PRAVEEN KUMAR	11823581	121505	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	7 Years
8	JOHN PAUL A	46467872	104864	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	7 Years 2 Months
9	K N SRIVAISHNAVI	14038567	121246	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	6 Years 2 Months
10	KEERTHANA DHAKSHNAMOORTHY	25846653	120041	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	5 Years
11	RAMYA	48061949	102452	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	9 Years 1 Month
12	VIVEK JAYAN	3999911	115890	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	4 Years 11 Months
13	IMMANUEL JOSHUA E	3071168	136401	MBBS, MD.,	COMMUNITY MEDICINE	Assistant Professor NG	Permanent	
14	CATHERINE	66006412	129505	MBBS, MD.,	COMMUNITY MEDICINE	Senior Resident NG	Permanent	5 Years
15	VANMATHI ANBAZHAGAN	24274455	125000	MBBS, MD.,	COMMUNITY MEDICINE	Senior Resident NG	Permanent	4 Years 11 Months
16	HARSAVARTHINI K R	95962867	127201	MBBS, MD	COMMUNITY MEDICINE	Senior Resident NG	Permanent	3 Years 4 Months
17	DR. GOKUL D	93461390	121884	MBBS, MD	COMMUNITY MEDICINE	Senior Resident NG	Permanent	3 Years 4 Months
18	DR. EZHIL MUTHALVAN A	97358618	126514	MBBS, MD	COMMUNITY MEDICINE	Senior Resident NG	Permanent	3 Years 4 Months
19	DR. NIVETHA S	9375449	153215	MBBS, MD	COMMUNITY MEDICINE	Senior Resident NG	Permanent	3 Years 3 Months

20	**DR. RAKESH M**	12604672	55591	MBBS, MD	COMMUNITY MEDICINE	Senior Resident NG	Permanent	3 Years 3 Months
21	**NARMADHA DEVARAJ**	20298693	NA	MSC (Bio Statistics)	COMMUNITY MEDICINE	Statistician NG	Permanent	3 Years 8 Months
22	**KARTHIK K R**	25243079	133249	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	2 Years 8 Months
23	**NIRMAL KUMAR G**	91517376	144162	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	2 Years 8 Months
24	**DINESHKUMAR.V**	39984695	136634	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	2 Years 8 Months
25	**MOHANAPRIYA M**	9298075	92506	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	2 Years 7 Months
26	**SREE AARTHI D**	61628288	143968	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	2 Years 7 Months
27	**SRINIVASAN S**	39976459	143109	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	5 Months
28	**JAYASRI D**	84255873	176622	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	5 Months
29	**KEERTHANA**	34112129	162384	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	5 Months
30	**ASHWATHI DAMODARAN**	23109387	57786	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	5 Months
31	**SWETHA MATHIYAZHAGAN**	73930261	136281	MBBS	COMMUNITY MEDICINE	Tutor	Permanent	1 Year 8 Months
32	**KONINGSTON KRUPA MERLIN**	39328882	129685	MBBS	COMMUNITY MEDICINE	Tutor NG	Permanent	4 Months
DEPARTMENT OF FORENSIC MEDICINE & TOXICOLOGY								
1	**P SAMPATH KUMAR**	53604401	38375	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Professor NG	Permanent	36 Years
2	**MAGENDRAN JAYACHANDRAN**	14388663	81064	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Professor NG	Permanent	20 Years
3	**SHAAN RAJ S**	834793	91477	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Associate Professor NG	Permanent	16 Years
4	**KOKILA RAMAMURTHY**	60169020	83374	MBBS, MD, PhD	FORENSIC MEDICINE & TOXICOLOGY	Associate Professor NG	Permanent	6 Years
5	**S PREETHA**	39201174	109993	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Assistant Professor NG	Permanent	5 Years
8	**BHARATHI KRISHNAMOORTHY**	20930343	131984	MBBS,MD	FORENSIC MEDICINE & TOXICOLOGY	Assistant Professor NG	Permanent	3 Years
9	**ASHOKKUMAR N**	58867876	10115	MBBS,MD	FORENSIC MEDICINE & TOXICOLOGY	Assistant Professor NG	Permanent	
10	**DR. ALAN GEORGE**	96543551	KRL 2015 0001405 KTK	MBBS,MD	FORENSIC MEDICINE & TOXICOLOGY	Assistant Professor NG	Permanent	
11	**K NAGA MOHAN**	36037724	112037	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Senior Resident NG	Permanent	3 Years 3 Months
12	**M ELAKIYA**	41827860	148778	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Senior Resident NG	Permanent	3 Years 4 Months
13	**MOHAMMAD ISMAIL SHAREEF**	76197222	147568	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Senior Resident NG	Permanent	3 Years 4 Months
14	**ASWIN JOHN SOLOMON**	62059247	139224	MBBS, MD.,	FORENSIC MEDICINE & TOXICOLOGY	Senior Resident NG	Permanent	

15	PRIYADHARSANI V	15549238	NA	Msc (Forensic Medicine)	FORENSIC MEDICINE & TOXICOLOGY	Senior Resident NG	Permanent	1 Years 4 Months
16	KARTHIKEYAN M	22457414	136886	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	5 Years
17	KIRUBAGARAN B	88121061	91971	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	10 Years
18	BANU PRAKASH C	81135443	170131	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	1 Year 10 Months
19	JEYA CHITRA R	99552999	146679	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	1 Year 10 Months
20	SABEENA S	25552432	120162	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	2 Years 5 Months
21	M YAMINI	22051293	177572	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	1 Year 10 Months
22	SURESHKUMAR S	31070447	195355	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
23	ABIRAMI M S	70749381	187393	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
24	RAMESH RAVI	76140094	201794	MBBS	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
25	GIRUBASRI T	18622394	NA	Msc (Forensic Medicine)	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
26	ARUNJAYAN R	32542854	NA	Msc (Forensic Medicine)	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
27	ROHINI KUMAR	17884809	NA	Msc (Forensic Medicine)	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
28	PURUSOTHAMAN P	17442449	NA	Msc (Forensic Medicine)	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
29	KEERTHI S	70219897	NA	Msc (Forensic Medicine)	FORENSIC MEDICINE & TOXICOLOGY	Tutor	Permanent	
				DEPARTMENT OF PATHOLOGY				
1	M.SRIDEVI	67719121	77792	MBBS, MD.,	PATHOLOGY	Professor NG	Permanent	18 Years
2	P JAYAGANESH	42452511	67418	MBBS, MD.,	PATHOLOGY	Professor NG	Permanent	20 Years
3	H VOLGA	98797880	81501	MBBS, MD.,	PATHOLOGY	Professor NG	Permanent	16 Years
4	S.SULOCHANA	85220413	41099	MBBS, MD.,	PATHOLOGY	Professor NG	Permanent	20 Years
5	SUDHA V	59990455	69361	MBBS, MD.,	PATHOLOGY	Professor NG	Permanent	14 Years
6	DR. ANAND M	97018170	85546	MBBS, MD, DNB, Fellow in Molecular	PATHOLOGY	Professor NG	Permanent	14 Years
7	KARTHIKA RAJAN	45883856	104998	MBBS, MD.,	PATHOLOGY	Associate Professor NG	Permanent	10 Years
8	DHANYA MENON	70562669	122352	MBBS, MD.,	PATHOLOGY	Assistant Professor NG	Permanent	7 Years
9	EVELYN ELIZABETH EBENEZER	80794593	99846	MBBS, MD.,	PATHOLOGY	Assistant Professor NG	Permanent	8 Years
10	KAVITHA KANNAN	43019471	112195	MBBS, MD.,DNB	PATHOLOGY	Assistant Professor NG	Permanent	8 Years

11	NITHIN DIWAGAR	18026992	116135	MBBS, MD.,	PATHOLOGY	Assistant Professor NG	Permanent	8 Years
12	R AKHILESH	77184212	110788	MBBS, MD.,	PATHOLOGY	Assistant Professor NG	Permanent	7 Years
13	GEOFFREY SUNDAR	95171741	126984	MBBS, MD.,	PATHOLOGY	Assistant Professor NG	Permanent	7 Years
14	A LAKSHMI PRIYA	71531156	144274	MBBS, MD.,	PATHOLOGY	Assistant Professor NG	Permanent	6 Years
15	G GURALARASAN	75589440	125588	MBBS,MD,PDCC	PATHOLOGY	Assistant Professor NG	Permanent	5 Years
16	HEMANTH KUMAR RAJENDRAN	45888924	107243	MBBS, MD.,	PATHOLOGY	Assistant Professor NG	Permanent	10 Years
17	NIVEDITHA E N	44925373	135303	MBBS, MD	PATHOLOGY	Senior Resident NG	Permanent	5 Years
18	DR.PADMAPRIYA B S	38543627	81539	MBBS DCP	PATHOLOGY	Senior Resident NG	Permanent	11 Years
19	YOGALAKSHMI E	36787245	66710	MBBS DCP	PATHOLOGY	Senior Resident NG	Permanent	13 Years
20	VALLALKANI K N	78993979	134987	MBBS, MD	PATHOLOGY	Senior Resident NG	Permanent	4 Years
21	VINOTHKUMAR B	8602923	138450	MBBS, MD	PATHOLOGY	Senior Resident NG	Permanent	4 Years
22	FAISAL	72157559	107334	MBBS, MD	PATHOLOGY	Senior Resident NG	Permanent	4 Years
23	DR. RAJALAKSHMI S	13584766	81004	MBBS, MD	PATHOLOGY	Senior Resident NG	Permanent	3 Years
24	PRABAKARAN.B	85204652	110147	MBBS	PATHOLOGY	Tutor	Permanent	2 Years
25	UMA MAHESWARI	96837225	111681	MBBS	PATHOLOGY	Tutor	Permanent	2 Years
26	SATHYA P	7603717	154638	MBBS	PATHOLOGY	Tutor	Permanent	2 Years
27	R.NAVEENA	80082173	151741	MBBS	PATHOLOGY	Tutor	Permanent	2 Years
28	DHARANIDEVI	48168753	147253	MBBS	PATHOLOGY	Tutor	Permanent	2 Years
29	VISHWANATHAN NAGARAJAN	43703375	138251	MBBS	PATHOLOGY	Tutor	Permanent	2 Years
30	GAYATHRI N	73757874	151256	MBBS	PATHOLOGY	Tutor	Permanent	1 Year 6 Months
31	SWETHA P	3760924	155614	MBBS	PATHOLOGY	Tutor	Permanent	1 Year 6 Months
32	ARUN V	76623873	161963	MBBS	PATHOLOGY	Tutor	Permanent	1 Year 6 Months
33	T.GOWTHAMA RUBINI	96886804	128673	MBBS	PATHOLOGY	Tutor	Permanent	6 Months
34	SRIKANTH S	62144491	151718	MBBS	PATHOLOGY	Tutor	Permanent	6 Months
35	ANNA JOSE	84261921	198780	MBBS	PATHOLOGY	Tutor	Permanent	6 Months
36	SHREYA CHOWDHURY	13334926	198779	MBBS	PATHOLOGY	Tutor	Permanent	6 Months

37	SOWMYA R	50799944	146485	MBBS	PATHOLOGY	Tutor	Permanent	2 Years 5 Months
38	LALITHAA J	2368350	133751	MBBS	PATHOLOGY	Tutor	Permanent	2 Years 5 Months
39	SANGEETHA KUMAR	85246485	189480	MBBS	PATHOLOGY	Tutor Ng	Permanent	1 Year
				DEPARTMENT OF PHARMACOLOGY				
1	THIRUNAVUKKARASU J	40253730	61836	MBBS, MD.,	PHARMACOLOGY	Professor HOD NG	Permanent	23 Years, 11 Months
2	PREETHA SELVA	56848261	92143	MBBS, MD.,	PHARMACOLOGY	Professor NG	Permanent	13 Years 6 Months
3	SYED SHEHNAZ ILYAS	55904823	57311	MBBS, MD.,	PHARMACOLOGY	Professor NG	Permanent	16 Years 9 Months
4	ANITHA ROY	58497053	NA	Msc, PhD	PHARMACOLOGY	Professor NG	Permanent	12 Years 4 Months
5	DEENA SANGEETHA C	6486541	75401	MBBS, MD.,	PHARMACOLOGY	Associate Professor NG	Permanent	15 Years 6 Months
6	KAAVYA S	51788628	74916	MBBS, MD.,	PHARMACOLOGY	Associate Professor NG	Permanent	8 Years 6 Months
7	SULTHAN AL RASHID	81887371	118367	MBBS, MD.,	PHARMACOLOGY	Associate Professor NG	Permanent	7 Years 8 Months
8	DR. TEJAVATH SHILPA	93022011	73955	MBBS, MD.,	PHARMACOLOGY	Associate Professor NG	Permanent	
9	A ARUNSURIYAN	94848257	122312	MBBS, MD.,	PHARMACOLOGY	Assistant Professor NG	Permanent	4 Years 7 Months
10	KALAIMANI S	25236938	124240	MBBS, MD.,	PHARMACOLOGY	Assistant Professor NG	Permanent	5 Years 5 Months
11	ABINAYA GOPALAKRISHNAN	80135041	122334	MBBS, MD.,	PHARMACOLOGY	Assistant Professor NG	Permanent	4 Years 9 Months
12	KARTHIK NARAYAN P	9885833	122154	MBBS, MD	PHARMACOLOGY	Assistant Professor NG	Permanent	4 Years 6 Months
13	RAKSHITH N	24722743	132205	MBBS,MD	PHARMACOLOGY	Senior Resident NG	Permanent	3 Years 9 Months
14	SHWETA GURAPPA PATRAD	4740974	141161	MBBS,MD	PHARMACOLOGY	Senior Resident NG	Permanent	3 Years 9 Months
15	VIGNESH K K	25877160	138656	MBBS,MD	PHARMACOLOGY	Senior Resident NG	Permanent	3 Years 4 Months
16	DR. SELVARAJ G	2054485	127509	MBBS,MD	PHARMACOLOGY	Senior Resident NG	Permanent	
17	DR. SATHEESH V	91065904	167974	MBBS,MD	PHARMACOLOGY	Senior Resident NG	Permanent	
18	KANCHANA MALA A	70675287	119884	MBBS	PHARMACOLOGY	Tutor NG	Permanent	1 Years 9 Months
19	RAVITHRAA B	24114007	143406	MBBS	PHARMACOLOGY	Tutor NG	Permanent	6 Months
20	RUPESH A	26349791	175393	M.B.B.S	PHARMACOLOGY	Tutor NG	Permanent	1 Years 4 Months
21	SWETHA CHRISTY A	58783353	175718	MBBS	PHARMACOLOGY	Tutor NG	Permanent	1 Years 4 Months
22	KARTHIKA P	25047763	165153	MBBS	PHARMACOLOGY	Tutor NG	Permanent	1 Years 9 Months

23	SINEGA N S	51675223	134885	MBBS	PHARMACOLOGY	Tutor NG	Permanent	1 Years 9 Months
24	KAVITHA P	96697368	173480	MBBS	PHARMACOLOGY	Tutor NG	Permanent	6 Months
25	N SRUTHI	37196943	134328	MBBS	PHARMACOLOGY	Tutor NG	Permanent	6 Months
26	JOHN KENNEDY PREETHI	47167309	177252	MBBS	PHARMACOLOGY	Tutor NG	Permanent	6 Months
27	MADHUSUTHAN	35232288	116690	MBBS	PHARMACOLOGY	Tutor NG	Permanent	6 Months
28	ARUNKUMAR MAGESH	743483	180495	MBBS	PHARMACOLOGY	Tutor NG	Permanent	
MEDICINE AND ALLIED DEPARTMENTS								
DEPARTMENT OF DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD								
1	DR C.R.V. NARASIMHALU	34577021	60646	MBBS, MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Professor HOD NG	Permanent	19 Years 0 Months
2	SHARADA R.G	9526980	95695	MBBS, MD.,	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Professor NG	Permanent	11 Years 8 Months
3	THILLAIKKARASI A	33050899	71476	MBBS, DA, MD.,	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Associate Professor NG	Permanent	9 Years 0 Months
4	ABYRAMY B	91690257	109711	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Associate Professor NG	Permanent	8 Years 7 Months
5	C NIKITHA	41589201	135602	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Assistant Professor NG	Permanent	5 Years 2 Months
6	VARUN RAJAGOPAL S	41316415	128598	MBBS, MD, DNB	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Assistant Professor NG	Permanent	7 Years 0 Months
7	H.P.SUDHESSHNA DEVI	8744035	115420	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Assistant Professor NG	Permanent	6 Years 10 Months
8	SHEBA MARIAM JACOB	12131460	128555	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Assistant Professor NG	Permanent	5 Years 0 Months
9	SUKESH GAUTAM S	87780031	117788	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Assistant Professor NG	Permanent	7 Years 10 Months
10	BALAGURU NATARAJAN	66636719	114970	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Assistant Professor Ng	Permanent	7 Years 7 Months
11	MONISHA MADHUMITA	16022160	165647	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Senior Resident NG	Permanent	5 Years 11 Months
12	DURGADEVI G	25120627	83559	MBBS, MD, DO	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Senior Resident NG	Permanent	4 Years 10 Months
13	NEHA MARIAM JOSEPH	79825842	152890	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Senior Resident NG	Permanent	5 Years 0 Months
14	ASHNA JAFFREY	4737203	154663	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Senior Resident NG	Permanent	3 Years 2 Months
15	SWATHIGA SUBBIAH	49575911	147599	MBBS,MD	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Senior Resident NG	Permanent	3 Years 2 Months
16	SUGANYA L	95210234	144811	MBBS	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Junior Resident	Permanent	2 Year 8 Months
17	PAVITHRA H	93518571	129272	MBBS	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Junior Resident	Permanent	2 Year 8 Months
18	PRATHAMBIGAI S S	96169322	135304	MBBS	DERMATOLOGY/SKIN & VD/ VENEROLOGY & LEPROSY/STD	Junior Resident	Permanent	2 Year 8 Months

19	BONEY PRIYA P JOSE	30102044	174075	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	2 Year 8 Months
20	B SAI RITHIKA REDDY	52103029	172983	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	2 Year 8 Months
21	RAGADHARSHINI ESWARAN	25970303	138560	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	1 Year 9 Months
22	MRIDULA T	90419313	148813	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	1 Year 9 Months
23	PALCHURI SNEHA ANANYA	79355540	177194	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	1 Year 9 Months
24	SAI SHIVA RAM M	36245398	113481	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	1 Year 9 Months
25	DARSHINI	1825449	164054	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	1 Year 9 Months
26	VISHNU KARTHIKA R	60025288	159595	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	6 Months
27	HARI SHANKAR G G	37921715	156017	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	6 Months
28	KEERTHANA M	94089855	168872	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	6 Months
29	AFRIN FAHEEMA J	39845849	184760	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	4 Months
30	THAYASRE B	26652020	180618	MBBS	DERMATOLOGY,SRIN & VD/ VENEROLOGY & LEPROSY,STD	Junior Resident	Permanent	4 Months
DEPARTMENT OF EMERGENCY MEDICINE								
1	M RAJADURAI	64767650	70392	MBBS, MD	EMERGENCY MEDICINE	Professor NG	Permanent	10 Years
2	D.VINDHYA	51887382	60073	MBBS, MD, PGDFM., MRCEM	EMERGENCY MEDICINE	Professor NG	Permanent	8 Years
3	D G S R KRISHNA MOORTHY	21035797	ANP 2014 0000917 KTK	MBBS, MD	EMERGENCY MEDICINE	Associate Professor NG	Permanent	8 Years
4	ARWIN DEEPAK VINCENT DE PAUL VIJAY DEEPAK	43473158	160777	MBBS, MEM	EMERGENCY MEDICINE	Assistant Professor NG	Permanent	3 Years
5	BABUBASKAR V J	31111644	100219	MBBS, MEM	EMERGENCY MEDICINE	Assistant Professor NG	Permanent	3 Years
6	RAJAN MANICKAMRADHA	5116374	108178	MBBS,DNB	EMERGENCY MEDICINE	Senior Resident NG	Permanent	2 Years 5 Months
7	R J GOUTHEM	54138776	132599	MBBS, MEM	EMERGENCY MEDICINE	Senior Resident NG	Permanent	11 Months
8	DR. ARUN K C	64729690	148523	MBBS, MEM	EMERGENCY MEDICINE	Senior Resident NG	Permanent	
DEPARTMENT OF GENERAL MEDICINE								
1	DR.R.KANNAN	42467654	52563	MBBS, MD.,	GENERAL MEDICINE	Professor NG	Permanent	21 Years 5 Months
2	GUNASEKARAN	32929849	38001	MBBS, MD.,	GENERAL MEDICINE	Professor NG	Permanent	26 Years 10 Months
3	MARIRAJ	94306511	86579	MBBS, MD.,	GENERAL MEDICINE	Professor NG	Permanent	12 Years 11 Months
4	VENKATESWARAN RAJESWARAN	78597883	40770	MBBS,MD,DM	GENERAL MEDICINE	Professor NG	Permanent	23 Years 8 Months

5	SARANYA	1182304	89970	MBBS,MD,DM	GENERAL MEDICINE	Professor NG	Permanent	13 Years 10 Months
6	THIRUMAVALAVAN R	14981026	35871	MBBS, MD.,	GENERAL MEDICINE	Professor NG	Permanent	32 Years 9 Months
7	MAHENDRAN K	52708695	56116	MBBS, MD.,	GENERAL MEDICINE	Professor NG	Permanent	25 Years 8 Months
8	P K ANANTHAKUMAR	84311240	88606	MBBS, MD	GENERAL MEDICINE	Professor NG	Permanent	13 Years
9	SHARADA KALAVAKOLANU	46606181	100490	MBBS, MD, DM	GENERAL MEDICINE	Professor NG	Permanent	13 Years 4 Months
10	M RAMKUMAR	5609722	80247	MBBS, MD.,	GENERAL MEDICINE	Associate Professor NG	Permanent	13 Years 8 Months
11	SAKTHI SUGANYA	89623107	86633	MBBS, MD.,	GENERAL MEDICINE	Associate Professor NG	Permanent	12 Years
12	MOHAMMED ADIL ABDULMUNAF	32695458	82914	MBBS, MD, DNB.,	GENERAL MEDICINE	Associate Professor NG	Permanent	7 Years 3 Months
13	NAVEED AHMED N	64648086	107124	MBBS,MD,DM	GENERAL MEDICINE	Associate Professor NG	Permanent	7 Years 7 Months
14	NIRUMAL KHUMAR	2598787	116578	MBBS,MD,DM	GENERAL MEDICINE	Associate Professor NG	Permanent	8 Years
15	SAIRAM BASHYAM	7200434	112237	MBBS,MD,DM	GENERAL MEDICINE	Associate Professor NG	Permanent	9 Years
16	SRILEKHA DURAI	26468586	108767	MBBS,MD,DM	GENERAL MEDICINE	Associate Professor NG	Permanent	9 Years
17	SURENDAR BABU	9382371	117270	MBBS,MD,DM	GENERAL MEDICINE	Associate Professor NG	Permanent	8 Years
18	SRIVATSA	65654545	21416	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	6 Years 1 Month
19	E G RAGHU NATHAN	29893280	101052	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	5 Years 10 Months
20	GNANADEEPAN THIRUGNANAM	3834142	99804	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	6 Years 3 Months
21	GOWTHAM HANUMANRAM	67956061	122919	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	6 Years 1 Month
22	SARANYA PALANISAMY	17487900	92041	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	5 Years 9 Months
23	SUHAIL AAMIR A	26546037	119358	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	5 Years 11 Months
24	MOHAMED BILAL AZAM	73349159	118488	MBBS,MD,DM	GENERAL MEDICINE	Assistant Professor NG	Permanent	7 Years 3 Months
25	ARCHANA P	79622315	174981	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	4 Years 5 Months
26	DASARI GITANJALI	13184875	147008	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	4 Years 5 Months
27	N VISHNUPRASATH	72351007	122059	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	7 Years 1 Month
28	PADMATINTI MANOJ KUMAR	9771709	164462	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	4 Years 9 Months
29	VINITH V	61474843	185746	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	5 Years
30	DR. GOLTHU ANUSHA	79041334	204364	MBBS, MD.,	GENERAL MEDICINE	Assistant Professor NG	Permanent	

31	SUBHASHINI K	51518900	138228	MBBS, MD.,	GENERAL MEDICINE	Senior Resident NG	Permanent	4 Years 2 Months
32	S ANTHONY JOSEPH BRITTO	73951418	131493	MBBS, MD.,	GENERAL MEDICINE	Senior Resident NG	Permanent	3 Years 10 Months
33	KANIMOZHI DAVID	25531391	137044	MBBS, DNB	GENERAL MEDICINE	Senior Resident NG	Permanent	4 Years 5 Months
34	MAGESH RAJASEKARAN	55232030	139822	MBBS, MD	GENERAL MEDICINE	Senior Resident NG	Permanent	4 Years 1 Month
35	SADHANA RAJASEKHAR	13053067	129848	MBBS, MD	GENERAL MEDICINE	Senior Resident NG	Permanent	3 Years 11 Months
36	DURGA NANDHINI MASANAMUTHU	77675044	147284	MBBS, MD	GENERAL MEDICINE	Senior Resident Ng	Permanent	3 Years 6 Months
37	MONIC VALENTINA JOHNBASKAR	3832369	132935	MBBS, MD	GENERAL MEDICINE	Senior Resident Ng	Permanent	3 Years 6 Months
38	DAYANAND B	90242678	149291	MBBS, MD	GENERAL MEDICINE	Senior Resident Ng	Permanent	3 Years 2 Months
39	DR. ARAVINDAKSHAN A S	94401698	158842	MBBS, MD	GENERAL MEDICINE	Senior Resident Ng	Permanent	
40	DR. SWARAN RAJ V	78949774	149370	MBBS, MD	GENERAL MEDICINE	Senior Resident Ng	Permanent	
41	VIJAY YASWANTH REDDY BADE	19698646	114882	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
42	A G VIMALKUMAR	32128859	135889	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
43	NOEL SAM THOMAS	25685306	185692	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
44	SELVA BALAJI R	72283927	155967	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
45	SUBASH MOHAN T	83303099	157047	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
46	SAI SINDHURI MARUVADA	19299360	115116	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
47	TIRUMANI RAGHU RAM PRASAD	45024235	102134	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
48	SHRINIDHI B	4244465	166936	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
49	YOHIDHA B	61601592	159224	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
50	SORNAVALLI V	94011358	157698	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
51	SARMINI VARATHARAJAN	73451932	134534	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
52	DASI SHARATH CHANDRA	11796511	14975	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
53	RENUGADEVI.V	22165419	155330	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
54	LANKAPOTHU PREM BALAJI REDDY	21327197	146060	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
55	JEYARAMAN SAI PRITAM	95691565	116086	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	2years 8 Months
56	ASHA GOPAN G P	85850385	118327	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months

57	KARUMUDI SINDHU	27924065	183542	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
58	AVINASH P V	62753526	146467	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
59	MAHASAMUDRAM ETHIHAS REDDY	12708002	119469	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
60	MUTHINENI HANEESH	43742296	121065	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
61	GADA KANAKA DURGA CHANDU	77143017	162742	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
62	V SRI BHAVADHARANI	7919504	137026	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
63	NIMITHAP S	64226695	13368	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
64	MORA KALYAN REDDY	25235913	183826	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
65	GUNDETI THARUN REDDY	68343156	MMC 2020105843	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
66	PALLAMPARTHY GAUTHAM	98898115	185689	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
67	GULIPALLI PALLAVI	36584450	TSMC/FMR/22916	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
68	DEVARANENI AVINASH	43131345	TSMC/FMR/17737	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
69	KOVVURI SURYANARAYANA REDDY	76867658	118900	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
70	GOWTHAM GANAPATHY P	30905989	136725	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	1 Year 10 Months
71	THARUN SOMAN	60581812	80032	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
72	UDHAV SATISH	10664723	187667	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
73	SARVEPALLI ANJALI	8207 8854	124622	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
74	PREMKUMAR S	79580069	180253	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
75	NALLANI MANISHA	68587205	26475	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
76	SHRUTHI M	39711620	131018	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
77	NEMAKALLU AVINASH	4010453	125279	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
78	CHAVA DHARANISWAR	53932593	165736	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
79	PALAGIRI YOGITA VARMA	4324442	132642	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
80	BOTTA VENKATA UHA SRUTHI	37405585	126376	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
81	CHIMBILI SAI BHARATH	17361025	148921	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
82	MOKILA DEEKSHITHA REDDY	96538107	159402	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month

83	VIKAS R	30754153	168252	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
84	SIVAKUMAR.P	95379643	145989	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
85	AKSHY T	78737724	165571	MBBS	GENERAL MEDICINE	Junior Resident	Permanent	6 Month
DEPARTMENT OF PAEDIATRICS								
1	KUMUTHA J	52376630	33990	MBBS, MD, DCH.,	PAEDIATRICS	Dean Principal NG	Permanent	35 Years
2	ELILARASI	47781041	40833	M.B.B.S, MD	PAEDIATRICS	Professor NG	Permanent	28 Years 2 Months
3	S.RAJESH	23498370	58113	MBBS, MD.,	PAEDIATRICS	Professor NG	Permanent	24 Years 9 Months
4	THILAGAVATHI	90765804	32620	MD, DCH, DM	PAEDIATRICS	Professor NG	Permanent	20 Years 7 Months
5	KISHORE N	47108714	77176	MBBS, MD.,	PAEDIATRICS	Professor NG	Permanent	18 Years 2 Months
6	R PADMARAJ	57479272	427582	M.B.B.S, M.D, D.C.H, DM	PAEDIATRICS	Professor NG	Permanent	28 Years 3 Months
7	RAMKUMAR SELVARAJAN	66647808	79032	MBBS, MD.,	PAEDIATRICS	Professor Ng	Permanent	14 Years 7 Months
8	DEVANAND GULAB CHAUDHARI	75016950	374	MBBS, MD.,	PAEDIATRICS	Professor Ng	Permanent	14 Years 2 Months
9	DR. SATHISH KUMAR S	92915076	63494	MBBS, MD.,	PAEDIATRICS	Professor Ng	Permanent	
10	SHAMIKUMAR	90105003	79732	MBBS, DCH, DNB.,	PAEDIATRICS	Associate Professor NG	Permanent	16 Years 4 Months
11	SYED MOHAMMED H	92335121	113932	MBBS, MD.,	PAEDIATRICS	Associate Professor NG	Permanent	6 Years 9 Months
12	T SHAPNA LAKSHMI	49768652	125635	MBBS, MD, DNB	PAEDIATRICS	Associate Professor NG	Permanent	7 Years 3 Months
13	SHANMUGAM GURUSAMY	35932308	88679	MBBS, MD.,	PAEDIATRICS	Associate Professor NG	Permanent	10 Years 7 Months
14	MAITHREE MAHESH	53980858	165957	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	5 Years 10 Months
15	VASANTHA BHARATHY CHIDAMBARAM	92652011	124383	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	5 Years 11 Months
16	BHAVANI S	69433483	121649	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	6 Year 7 Months
17	MOHAMMED AASHIQ	66763552	122271	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	5 Years 8 Months
18	NALAYINI JEYASANKAR	99817227	131099	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	3 Years 5 Months
19	YAZHMOZHI M	53225627	102090	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	4 Years 3 Months
20	ANTON JAMES ALAN J	28044913	101762	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	
21	DR. THOMAS KURUVILA JOHN	51637815	92317	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	
22	RANGESH KUMAR B	82996189	145722	MBBS, MD	PAEDIATRICS	Assistant Professor NG	Permanent	3 Months

23	GANDLA YOGANANDA KUMAR	36474437	114491	MBBS, MD.,	PAEDIATRICS	Assistant Professor NG	Permanent	4 Years
24	DHANASANGARI MANIVANNAN	92294583	137793	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	4 Years 10 Months
25	LAL DEVAYANI VASUDEVAN NAIR	31965698	89133	MBBS, DCH.,	PAEDIATRICS	Senior Resident NG	Permanent	18 Years 6 Months
26	LAVANYA PANCHATCHARAM	51410432	113830	MBBS DNB	PAEDIATRICS	Senior Resident NG	Permanent	5 Years 1 Month
27	NIVEDITHA T	86058100	130090	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	4 Years 7 Months
28	VEENA M	63327299	131344	MBBS, DNB	PAEDIATRICS	Senior Resident NG	Permanent	4 Years 2 Months
29	SANTHOSH KUMAR T	33860773	80484	MBBS, DCH, DNB.,	PAEDIATRICS	Senior Resident NG	Permanent	13 Years 8 Months
30	VARSHINI CHANDRASEKHAR	71440183	144664	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 3 Months
31	NAVIN U	44902397	149577	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 5 Months
32	ASHIKABANU M	89654059	144060	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 2 Months
33	P S KIRTHEKA	39353207	147737	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 4 Months
34	J D PREETHI	36711074	135408	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 3 Months
35	K NAGA MOHAN	36037724	112037	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 3 Months
36	A. SANGEVI RAAM	54153706	144694	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 3 Months
37	BHARATH SAMBATH	94658744	133469	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 2 Months
38	KRISHNAKALA B MALLAYA	98865444	134584	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 2 Months
39	ALAGANDULA MAHALAXMI	38789769	134562	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 2 Months
40	O C ABHOORVAA	37289925	170946	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 2 Months
41	RAHUL SURESH	19400304	145811	MBBS, MD.,	PAEDIATRICS	Senior Resident NG	Permanent	3 Years 2 Months
42	DR. ARAVINDSAMY S	62026930	144332	MBBS, MD	PAEDIATRICS	Senior Resident Ng	Permanent	
43	DR. PRAMILADEVI	11438639	158627	MBBS, MD	PAEDIATRICS	Senior Resident Ng	Permanent	
44	DR. KARTHIKEYAN C	8372436	159011	MBBS, MD	PAEDIATRICS	Senior Resident Ng	Permanent	
45	DR. THARANI PRIYA S	88040045	158707	MBBS, MD	PAEDIATRICS	Senior Resident Ng	Permanent	
46	JANANI M Z	39996765	154643	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months
47	KOUSALYA	78663867	154543	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months
48	CHETHAN S	79804481	138774	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months

49	SUENERA KATHRINE P V	73428733	161844	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months
50	ASHWINI A	68089253	116268	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months
51	VELISETTY VENKATA NARASIMHA KARTHIK	34922210	112348	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months
52	PRADEEP S	76409468	161311	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
53	V C AKASH	3810383	189279	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
54	LOGASENI	56969518	156647	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
55	J SHRUTHI	72238800	147116	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
56	AKSHAI R	37796691	171873	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
57	SHRADHA L	57754355	165962	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
58	M RANJITH KUMAR	57208966	154130	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
59	ASHWATHI S	70103067	137609	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
60	DINESH KUMAR S	67835025	153762	MBBS	PAEDIATRICS	Junior Resident	Permanent	1 Year 10 Months
61	SHREENIVAS RACHAKONDA	58548002	149265	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months
62	SHALINI PRIYA N	63591770	154694	MBBS	PAEDIATRICS	Junior Resident	Permanent	2 Years 8 Months
63	PRIYA DARSNI M	27236473	130396	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
64	KOUSHIK BAYYA	22390669	161145	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
65	LAVANYA JEYAKUMAR	5012 1558	188074	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
66	MOHANA PRASAD S	7348793	162642	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
67	SHIVANI RAMESH	62822017	180332	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
68	SETTY SRAVYA	24553133	25522	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
69	AVULA ASHOK TEJA	13799556	155738	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
70	ELAKKIYAA E	91570558	188662	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
71	LAGISHETTY AJITH	1588892	33243	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
72	ALLADI VAISHNAVI	7147407	32841	MBBS	PAEDIATRICS	Junior Resident	Permanent	4 Months
				DEPARTMENT OF PSYCHIATRY				
1	DR.SHANTHI NAMBI	65294225	94440	MBBS, MD.,	PSYCHIATRY	Professor HOD NG	Permanent	26 Years 6 Months

2	CHANDRALEKA G S	39675478	35420	MBBS, DPM, MD.,	PSYCHIATRY	Professor NG	Permanent	35 Years 10 Months
3	INIYAN S	60719682	90383	MBBS, MD.,	PSYCHIATRY	Professor NG	Permanent	10 Years 11 Months
4	K RAMAN	4415777	69586	MBBS, MD.,	PSYCHIATRY	Professor NG	Permanent	15 Years 7 Months
5	DHEEPTHA SHRINE G	88769	92968	MBBS, MD.,	PSYCHIATRY	Associate Professor Ng	Permanent	1 Year 10 Months
6	SUBHASHINI K	5348122	89609	MD, DNB, PhD	PSYCHIATRY	Associate Professor Ng	Permanent	
7	LAVANYA	29627246	78985	MBBS, MD.,	PSYCHIATRY	Assistant Professor Ng	Permanent	3 Years
8	NITHYA RAGAVI RAJENDRAN	18197267	19264	MBBS, MD.,	PSYCHIATRY	Assistant Professor NG	Permanent	2 Years 9 Months
9	SHYAM SUNDAR K	83633905	127337	MBBS, MD, DNB	PSYCHIATRY	Assistant Professor NG	Permanent	4 Years
10	AJAY BHATTIPROLU	17693335	153000	MBBS, MD.,	PSYCHIATRY	Assistant Professor NG	Permanent	1 Year 10 Months
11	LAKSHMANAN G	28916717	135216	MBBS, MD.,	PSYCHIATRY	Senior Resident Ng	Permanent	9 Months
12	RAGHAV KANNAPPAN	83818148	141413	MBBS, MD.,	PSYCHIATRY	Senior Resident Ng	Permanent	3 Months
13	SAIPRASANTH PADMANABAN	47495780	127556	MBBS, MD.,	PSYCHIATRY	Senior Resident Ng	Permanent	2 Months
14	T THANGANAGARASAN	3250782	129024	MBBS, MD.,	PSYCHIATRY	Senior Resident Ng	Permanent	4 Years 6 Months
15	ELAMATHI T	24591986	131594	MBBS, MD.,	PSYCHIATRY	Senior Resident Ng	Permanent	
16	SANJEEV PADMANABHAN R	31775139	164584	MBBS	PSYCHIATRY	Junior Resident	Permanent	2years 8 Months
17	SHARNI SOUGANTHI S	6667262	151508	MBBS	PSYCHIATRY	Junior Resident	Permanent	2years 8 Months
18	GAYATHRI J	12019434	148837	MBBS	PSYCHIATRY	Junior Resident	Permanent	2years 8 Months
19	JUMANA HASEEN S	94134760	130734	MBBS	PSYCHIATRY	Junior Resident	Permanent	2years 8 Months
20	MOHANAAPRIYA D	90392615	167240	MBBS	PSYCHIATRY	Junior Resident	Permanent	1 Year 10 Months
21	SHRUTHI T	70700982	150317	MBBS	PSYCHIATRY	Junior Resident	Permanent	1 Year 10 Months
22	RAAM SUNDAR M	54865240	169108	MBBS	PSYCHIATRY	Junior Resident	Permanent	1 Year 10 Months
23	ASWIN GOVIND M U	50987291	81691	MBBS	PSYCHIATRY	Junior Resident	Permanent	1 Year 10 Months
24	SHUBHAM TAMILI	78123474	82813	MBBS	PSYCHIATRY	Junior Resident	Permanent	8 Months
25	ABHIRAMI RAJESH	46004423	92990	MBBS	PSYCHIATRY	Junior Resident	Permanent	8 Months
26	NAREN BABU L	93093659	169094	MBBS	PSYCHIATRY	Junior Resident	Permanent	7 Months
27	SURIYA PRAKASH J	61883510	156257	MBBS	PSYCHIATRY	Junior Resident	Permanent	5 Months

DEPARTMENT OF RESPIRATORY MEDICINE								
1	GANGADHARAN V	72765271	35416	MBBS, MD, DTCD.,	RESPIRATORY MEDICINE	Professor HOD NG	Permanent	39years 5months
2	O.R.KRISHNARAJASEKHAR	46416608	41769	MBBS,MD	RESPIRATORY MEDICINE	Professor NG	Permanent	34years 6months
3	ANBUMARAN P.M	26648765	98366	MBBS, MD.,	RESPIRATORY MEDICINE	Professor NG	Permanent	10years 8months
4	SWETHA SASIKUMAR	52563010	114598	MBBS, MD.,	RESPIRATORY MEDICINE	Associate Professor NG	Permanent	8years 1month
5	PRASANTH G	62545324	115014	MBBS, MD.,	RESPIRATORY MEDICINE	Associate Professor NG	Permanent	7years 10months
6	S G SOWMITHA	54509966	112190	MBBS, MD.,	RESPIRATORY MEDICINE	Assistant Professor NG	Permanent	6years 10months
7	ARJUN A S	58932912	118528	MBBS, MD.,	RESPIRATORY MEDICINE	Assistant Professor NG	Permanent	6years
8	GOWTHAM NATARAJAN	10850034	141712	MBBS, MD.,	RESPIRATORY MEDICINE	Assistant Professor Ng	Permanent	4 Year 7months
9	SNEHA L	55802020	124637	MBBS, MD.,	RESPIRATORY MEDICINE	Assistant Professor Ng	Permanent	6years
10	DR. HIMA B	82050771	124901	MBBS, MD.,	RESPIRATORY MEDICINE	Assistant Professor Ng	Permanent	
11	RISHAB RAMPRADEEP	82982185	144784	MBBS, MD.,	RESPIRATORY MEDICINE	Senior Resident NG	Permanent	5years
12	SUSHMITA VINOD	17187283	151161	MBBS, MD.,	RESPIRATORY MEDICINE	Senior Resident NG	Permanent	5years
13	TAMIZHAN	93047635	143203	MBBS, MD.,	RESPIRATORY MEDICINE	Senior Resident NG	Permanent	3years 1 Motnh
14	JESVANTHAN E	79125877	156830	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	1year 9month
15	VISHNU RS	39558871	143448	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	1year 9months
16	DHARMAVARAM SINGAMSETTY MOUKTHI KA	3332312	186199	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	1year 8months
17	VIJAYALAKSHMI S	6119090	107067	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	2years 8months
18	RAJAMANI.K	88303622	153871	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	2years 8months
19	SAKTHI BHALAN PANDIARAJAN	98798600	146176	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	2years 8months
20	M ADITHYA	60553241	166954	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	7months
21	SIVARAM CHANDRASIVAM RAJENDREN	35732247	173250	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	7 Months
22	EASWARAN NAMPOOTHIRI	11728273	161453	MBBS	RESPIRATORY MEDICINE	Junior Resident	Permanent	5months
DEPARTMENT OF SPORTS MEDICINE								
1	DOBSON DOMINIC	77994369	80373	MBBS, MD.,	SPORTS MEDICINE	Professor Hod Ng	Permanent	5 Years, 7 Months
2	CHIDAMBARAM AMBALAVANAN	82912174	43752	MBBS,D.P.M.R, DNB	SPORTS MEDICINE	Associate Professor NG	Permanent	3 Years

3	PRAVEEN R	31662221	120862	MBBS,MD	SPORTS MEDICINE	Assistant Professor NG	Permanent	4 Years
4	ASHIRWAD JADHAV	6648013	2009030814	MBBS, MD	SPORTS MEDICINE	Assistant Professor NG	Permanent	1 Year, 4 Months
5	NIKHIL ROY M	20075485	120959	MBBS, MD	SPORTS MEDICINE	Senior Resident NG	Permanent	3 Years , 4 Months
6	HARSHAVARDHINI	37680722	121984	MBBS	SPORTS MEDICINE	Junior Resident	Permanent	2 Years, 9 Months
7	KOUSHIK K V S	75903527	APMC/FMR/79199	MBBS	SPORTS MEDICINE	Junior Resident	Permanent	2 Years, 9 Months
8	SENTHURAN S	63580267	155939	MBBS	SPORTS MEDICINE	Junior Resident	Permanent	1 Year, 10 Months
9	KOLLI ESWAR TEJA	93446085	APMC/FMR/119047	MBBS	SPORTS MEDICINE	Junior Resident	Permanent	1 Year, 9 Months
DEPARTMENT OF TRANSFUSION MEDICINE								
1	J SAHAYARAJ	37679204	42380	MBBS, MD	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Professor NG	Permanent	29 Years
2	HARI HARAN A	2704580	105104	MBBS, MD.,	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Associate Professor NG	Permanent	9 Years, 1 Month
3	SURESHKUMAR IYAPPAN	43781357	107057	MBBS, MD	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Assistant Professor NG	Permanent	7 Yearss, 11 Months
4	SRIRAMAN P	80445038	147558	MBBS, MD	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Senior Resident Ng	Permanent	3 Year, 10 Months
5	HEMAMALINI N V	70687541	61230	MBBS, DCP.,	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Senior Resident NG	Permanent	16 Years, 6 Months
6	VIJIT JOON	36695122	174606	MBBS	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Junior Resident	Permanent	2 Years, 8 Months
7	ROWENA D L ROBINS	47843874	139642	MBBS	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Junior Resident	Permanent	2 Years, 9 Months
8	ANU BALAN	43072369	46796	MBBS	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Junior Resident	Permanent	1 Yesr, 9 Months
9	T BHAVANI	88036101	126356	MBBS	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Junior Resident	Permanent	1 Yesr, 9 Months
10	RHEMA MENORAH J	52798596	183927	MBBS	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Junior Resident	Permanent	7 Months
11	MAHIZHAN R	55148146	123234	MBBS	TRANSFUSION MEDICINE & IMMUNO-HAEMATOLOGY	Junior Resident	Permanent	7 Months
SURGERY AND ALLIED DEPARTMENTS								
ENT/ OTORHINOLARYNGOLOGY								
1	ELANGOVAN S	59665121	42034	MBBS, MS	ENT/ OTORHINOLARYNGOLOGY	Professor NG	Permanent	26 Years
2	MANOJ KUMAR	31962270	92170	MBBS, MS.,	ENT/ OTORHINOLARYNGOLOGY	Professor NG	Permanent	14 Years
3	RAADHIKA SHREE NAVANEETHAN	47129429	100577	MBBS., MS.,	ENT/ OTORHINOLARYNGOLOGY	Professor NG	Permanent	13 Years
4	K.H.ANAND	99782057	108409	MBBS, MS.,	ENT/ OTORHINOLARYNGOLOGY	Associate Professor NG	Permanent	9 Years
5	SHYAM SUDHAKAR S	52323534	86409	MBBS, DNB.,	ENT/ OTORHINOLARYNGOLOGY	Associate Professor NG	Permanent	11 Years

6	NAVIN BHARATH	86764569	92321	MBBS, MS.,	ENT, OTORHINOLARYNGOLOG Y,	Associate Professor NG	Permanent	8 Years
7	LAKSHANADEVE V M	93711709	104194	MBBS, MS.,	ENT, OTORHINOLARYNGOLOG Y,	Associate Professor NG	Permanent	9 Years
8	NANDHINI RADHAKRISHNAN	46329395	128089	MBBS,MS	ENT, OTORHINOLARYNGOLOG Y,	Assistant Professor NG	Permanent	6 Years
9	NIVEDA RAMACHANDRAN	17319946	135411	MBBS,MS	ENT, OTORHINOLARYNGOLOG Y,	Assistant Professor NG	Permanent	5 Years
10	SHANKAR GANESH S	7525822	130291	MBBS,MS	ENT, OTORHINOLARYNGOLOG Y,	Assistant Professor NG	Permanent	5 Years
11	BANUMATHI K	41575329	74253	MBBS,MS	ENT, OTORHINOLARYNGOLOG Y,	Assistant Professor NG	Permanent	7.5 Years
12	DHAYANANTHAN SENTHAMILSELVAN	11601989	139050	MBBS,MS	ENT, OTORHINOLARYNGOLOG Y,	Assistant Professor NG	Permanent	1.5 Years
13	NITHYA R	26992533	146052	MBBS,MS	ENT, OTORHINOLARYNGOLOG Y,	Assistant Professor NG	Permanent	7 Years
14	VAISHNAV R K	53194273	108364	MBBS,MS	ENT, OTORHINOLARYNGOLOG Y,	Assistant Professor NG	Permanent	6 Years
15	DEEPA RAJENDRA BABU	25781140	61665	MBBS,DLO	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	4 Years
16	DEEPAK RAJ K	18661453	60197	MBBS, DLO.,	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	14 Years
17	SATHISHKUMAR B	80190542	148070	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	4 Years
18	JAISHREE PITCHAIMANI	46492829	132163	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident Ng	Permanent	3.6 Years
19	SHANTHI PRIYA D	903025	132531	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	5 Years
20	AGASTHIARAM S	2749769	126581	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	3.6 Years
21	B JITESH KUMAR	23045547	130203	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	3.3 Years
22	SAMEER KOTTAPURATH SAJEED	31238340	25809	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	3.3 Years
23	JUHI IRFANA BASHEER	13251893	144543	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	3.3years
24	P. VIGNESH	86723703	154948	MBBS, MS	ENT, OTORHINOLARYNGOLOG Y,	Senior Resident NG	Permanent	3.2years
25	VARSHA RAGHU	78210506	134805	MBBS	ENT, OTORHINOLARYNGOLOG Y,	Junior Resident	Permanent	2 Years 10 Months
26	MEENAKSHI SRINIVASAN	48716056	147772	MBBS	ENT, OTORHINOLARYNGOLOG Y,	Junior Resident	Permanent	2 Years 10 Months
27	AKSHAYA S	64395526	159180	MBBS	ENT, OTORHINOLARYNGOLOG Y,	Junior Resident	Permanent	2 Years 10 Months
28	DINESH RAM R	55746905	141433	MBBS	ENT, OTORHINOLARYNGOLOG Y,	Junior Resident	Permanent	2 Years 10 Months
29	PASUPULETI SAI SANJANA	9338376	APMC/FMR/113446	MBBS	ENT, OTORHINOLARYNGOLOG Y,	Junior Resident	Permanent	2 Years 10 Months
30	DHANYA	81005536	171044	MBBS	ENT, OTORHINOLARYNGOLOG Y,	Junior Resident	Permanent	1 Year 10 Months
31	BHURANI RITU N	33768745	146366	MBBS	ENT, OTORHINOLARYNGOLOG Y,	Junior Resident	Permanent	1 Year 10 Months

32	KAKUMANU NAVYA	4562561	APMC/FMR/110973	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	1 Year 10 Months
33	SWEATHA V M	63313219	168058	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	1 Year 10 Months
34	M VIGNESHWAR	38353984	156556	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	1 Year 10 Months
35	VANDANA S	96672487	176641	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	7 Months
36	KODATI TARUNA RAMA VENKATA CHEN	12266266	23426	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	7 Months
37	DIVAGAR V	31552278	168028	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	7 Months
38	DEVARASETTY LALITH KIRAN	878800	126052	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	7 Months
39	MANGU GEETHANJALI	59351905	20993	MBBS	OTORHINOLARYNGOLOG	Junior Resident	Permanent	7 Months
				DEPARTMENT OF GENERAL SURGERY				
1	SIVARAJAN NATARAJAN	38370847	48483	MBBS,MS	GENERAL SURGERY	Professor NG	Permanent	17years 5months
2	VENKATESH GOTTUMUKALA	94620811	39356	MBBS,MS	GENERAL SURGERY	Professor NG	Permanent	17years 2months
3	G MUTHU KUMARAN	1518593	36720	MBBS,MS	GENERAL SURGERY	Professor NG	Permanent	32 Years 3 Months
4	KHALILUR RAHMAN A	88344257	43075	MBBS,MS	GENERAL SURGERY	Professor NG	Permanent	24years 8 Months
5	NAGARAJAN DURAISAMY	30170481	37609	MBBS,MS	GENERAL SURGERY	Professor NG	Permanent	26years
6	P B SUDARSHAN	77496759	58120	MBBS,MS	GENERAL SURGERY	Professor NG	Permanent	20years 11months
7	RAJESH S	77422754	74466	MBBS, MS, MRCS.,	GENERAL SURGERY	Professor NG	Permanent	20years
8	SUNDARAVADANAN BANGALORE SANTHAVADANAN	71040457	47344	MBBS, MS, DNB, FRCS.,	GENERAL SURGERY	Professor NG	Permanent	22years 2 Months
9	V. S. AJAY CHANDRASEKAR	21290718	61145	MBBS,MS, MCh	GENERAL SURGERY	Professor NG	Permanent	10 Years
10	DIVYAN DEVASIR S	47770534	106948	MBBS, MS.,	GENERAL SURGERY	Associate Professor NG	Permanent	9years 10months
11	JAI DURAI RAJ.P	92024838	68121	MBBS, DNB, MCh.,	GENERAL SURGERY	Associate Professor NG	Permanent	10 Years
12	RAHUL RAJ C L	53391207	104299	MBBS,MS	GENERAL SURGERY	Associate Professor NG	Permanent	10years 2 Months
13	TOUZEEN HUSSAIN	29993571	94329	MBBS, MS.,	GENERAL SURGERY	Associate Professor NG	Permanent	8 Years 7 Months
14	SATHISH ANAND V S	29092181	89198	MBBS, DNB.,	GENERAL SURGERY	Associate Professor NG	Permanent	7 Years
15	NIRMAL	4198761	107487	MBBS. MS, DrNB	GENERAL SURGERY	Associate Professor NG	Permanent	7 Years
16	AJAY KUMAR A	92698584	117632	MBBS,MS, MCh	GENERAL SURGERY	Assistant Professor NG	Permanent	5 Years
17	NIKITHA M	81748355	121358	MBBS,MS	GENERAL SURGERY	Assistant Professor NG	Permanent	6 Years 5 Months

18	DR E KANNAH	96948994	93669	MBBS, MS., MCh.,DrNB	GENERAL SURGERY	Assistant Professor NG	Permanent	7 Years 5 Months
19	PREETHI	33557531	109691	MBBS,MS,FMAS ,DMAS	GENERAL SURGERY	Assistant Professor NG	Permanent	6 Years 10 Months
20	G NANDITHA	93791655	85650	MBBS,MS	GENERAL SURGERY	Assistant Professor NG	Permanent	8years 6 Months
21	SIVAKUMAR BANDARU	29822152	86334	MBBS,DNB	GENERAL SURGERY	Assistant Professor NG	Permanent	6 Years 9 Months
22	SATHISHKUMAR	37169455	124313	MBBS, MS.,	GENERAL SURGERY	Assistant Professor NG	Permanent	5 Years 10months
23	M KEERTHIKA	41734562	187635	MBBS, MS, Mch	GENERAL SURGERY	Assistant Professor NG	Permanent	4 Years 5 Months
24	K S D MANOJ KISHAN LAL	23230776	140421	MBBS, MS	GENERAL SURGERY	Assistant Professor NG	Permanent	4 Years 5 Months
25	DHAKSHAY CHORDIA	14918437	111970	MBBS,DNB	GENERAL SURGERY	Assistant Professor NG	Permanent	5years 10 Months
26	KAWUSHIK KUMAR P	19366896	122216	MBBS, MS	GENERAL SURGERY	Assistant Professor NG	Permanent	5years 6 Months
27	AJIT AGARWAL	30604736	76049	MBBS, MS	GENERAL SURGERY	Assistant Professor NG	Permanent	5 Years 1 Month
28	SREE KUMAR B.	75332641	109259	MBBS, MS	GENERAL SURGERY	Assistant Professor NG	Permanent	4 Years 9 Months
29	MANGALKUMAR GIRISH RACHATTE	54716749	197210	MBBS, MS	GENERAL SURGERY	Assistant Professor NG	Permanent	
30	ARUN GURU K	63637547	142079	MBBS, MS	GENERAL SURGERY	Assistant Professor NG	Permanent	11 Months
31	PREETHI SUBALAKSHMI ELANGO	74601630	122435	MBBS, DNB	GENERAL SURGERY	Senior Resident NG	Permanent	5 Years 2 Months
32	GIRIDHAR ARAVIND B	33230447	128347	MBBS, DNB	GENERAL SURGERY	Senior Resident NG	Permanent	4 Years 9 Months
33	GUNASEKAR CHINNAPPAN	83203522	121162	MBBS, MS	GENERAL SURGERY	Senior Resident NG	Permanent	4years 8 Months
34	NANDHINI R	43681875	128096	MBBS, MS	GENERAL SURGERY	Senior Resident NG	Permanent	4years 8 Months
35	JAIGANESH	33633494	131207	MBBS, MS	GENERAL SURGERY	Senior Resident NG	Permanent	5 Years 1 Month
36	P B TARUN TEJA	38944785	122279	MBBS,MS	GENERAL SURGERY	Senior Resident NG	Permanent	4years 6 Months
37	MANISH BABBU U G	15228408	145825	MBBS,MS	GENERAL SURGERY	Senior Resident NG	Permanent	3 Years 3 Months
38	KARTHIKEYAN J	54939927	149775	MBBS,MS	GENERAL SURGERY	Senior Resident NG	Permanent	
39	NAMACHIVAYAM VENKATESAN	24402141	146182	MBBS,MS	GENERAL SURGERY	Senior Resident NG	Permanent	3 Years 5 Months
40	SRIDHAR VEMBAR	26527101	143413	MBBS,MS	GENERAL SURGERY	Senior Resident NG	Permanent	3 Years 3 Months
41	VIVARSHA BALAJIKUMAR	65436921	148895	MBBS,MS	GENERAL SURGERY	Senior Resident NG	Permanent	3 Years 2 Months
42	ASHIKA H	89580930	147729	MBBS,MS	GENERAL SURGERY	Senior Resident NG	Permanent	
43	PINNAMRAJU TARUN V PRUDVI VARMA	51705291	16234	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months

44	OZAIR HASSAN	22145097	153111	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
45	AJAY	57877468	155012	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
46	SINDUJA S	87454507	162835	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
47	KARTHIKEYAN S	91811140	161707	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
48	SRI SIVA SHYLA R	87746504	156438	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
49	ARAVIND.K	45700134	149842	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
50	VASIREDDY DIVYA	14520188	173204	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
51	ANUSUYA C	85078590	163969	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
52	MOHAMED RIFATH	75622363	161117	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
53	S PRASNA	33440470	157740	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
54	DIVYA PRIYA.S.S	13831579	146785	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
55	ARUN PRASAD T	9295450	162459	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
56	PRANAY BR	45942589	154804	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
57	PAKALAPATI CHANDRALEKHA	14089753	175479	MBBS	GENERAL SURGERY	Junior Resident	Permanent	2years 10 Months
58	VIDHYAALAKSHMI S	92223269	170695	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
59	PURUSHOTHAMAN.D	79192293	146094	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
60	RAJESH K S	44655680	154862	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
61	SHERINE HERALD VALENTINA	37202705	171571	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
62	SHENBAGA PRAVEEN R	68083808	145804	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
63	DWAARAKESH MS	25785517	167813	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
64	NIHILADHITHYA	35209042	161264	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
65	KOTAMAREDDI ANUHYA	43379770	183541	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
66	RITA J	42207943	139566	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
67	SMRUTI PARAMJYOTI	99231842	176382	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
68	LEBAKA GUNA SAHITHI	75016709	17665	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
69	VARSHA S	81352704	164820	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months

70	SUBITCHA P	23685798	165047	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
71	ABINESH P	65977071	122079	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
72	VARADAREDDYGARI VENU GOPAL REDDY	98305937	117769	MBBS	GENERAL SURGERY	Junior Resident	Permanent	1year 10 Months
73	SHANMUGA PRASAD C	82424839	177098	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
74	YADLAPALLI RAGHAVA GANESH	49225085	157365	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
75	SHIKA SANKLECHA	52948082	177396	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
76	TAKSHA MEKA SATISH	71157127	176822	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
77	SURAJ CHOUDHARY	14266135	163141	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
78	R ABIRAMI	14243210	186910	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
79	KUROSHA T	22334817	171899	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
80	VIKRAM R	17896134	161548	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
81	LATHISHNA A G	89422422	175685	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
82	JANANI AVK	4608576	167767	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
83	KONERU MURALI KRISHNA	58906311	193980	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
84	BANDI KRISHNA SANDEEP	33321334	123785	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
85	ALICE GANGBER	33290336	12466 / 2022	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
86	KOSANAM SAI SUMANTH	70662999	123959	MBBS	GENERAL SURGERY	Junior Resident	Permanent	7 Months
	DEPARTMENT OF ANAESTHESIOLOGY							
1	SOMASUNDARAM PONNAMBALANAMASIVAYAM	42423731	39963	MBBS, MD, DA, DNB.,	ANAESTHESIOLOGY	Medical Superintendent NG	Permanent	27 Years
2	R LAKSHMI	97660246	33000	MBBS, MD, DA.,	ANAESTHESIOLOGY	Professor HOD NG	Permanent	29 Years
3	LATHA	88882818	40828	MBBS,DA,MD	ANAESTHESIOLOGY	Professor NG	Permanent	31 Years
4	ASHOK KUMAR B	4514691	60021	MBBS, MD, DA, MBA.,	ANAESTHESIOLOGY	Professor NG	Permanent	11 Years
5	K.GUNASEKARAN	80405159	51166	MBBS, MD, MRCA.,	ANAESTHESIOLOGY	Professor NG	Permanent	16 Years 3 Months
6	K.PRADEEP	94525121	74590	MBBS, MD.,	ANAESTHESIOLOGY	Professor NG	Permanent	16 Years 11 Months
7	PREM KUMAR	70371263	78999	MBBS, MD, DA.,	ANAESTHESIOLOGY	Professor NG	Permanent	13 Years
8	V S G YACHENDRA	86253431	66725	MBBS, MD.,	ANAESTHESIOLOGY	Professor NG	Permanent	16 Years 1 Months

9	GIRIMURUGAN NAGARAJAN	10989085	87936	MBBS, AIFH, MD.,	ANAESTHESIOLOGY	Professor NG	Permanent	9 Years And 4 Months
10	SAAI ARUN SUNDER	1221379		MBBS, MD.,	ANAESTHESIOLOGY	Professor NG	Permanent	4 Years 3 Months
11	RAJ KUMARAN K	63854002	98968	MBBS, MD.,	ANAESTHESIOLOGY	Associate Professor NG	Permanent	6 Years 7 Months
12	R RAMSESH MANOHAR	40819514		MBBS, MD.,	ANAESTHESIOLOGY	Associate Professor Ng	Permanent	5 Years
13	BHARATHI B	91602284	86815	MBBS, MD.,	ANAESTHESIOLOGY	Assistant Professor NG	Permanent	6 Years 10 Months
14	HARISHKUMAR JANARTHANAM	48440365	128005	MBBS, MD.,	ANAESTHESIOLOGY	Assistant Professor NG	Permanent	2 Years And 7 Months
15	NIRANJNI	79484926	123991	MBBS, MD.,	ANAESTHESIOLOGY	Assistant Professor NG	Permanent	3 Years And 1 Month
16	MRUNALINI MURALI	28990052	120913	MBBS, MD.,	ANAESTHESIOLOGY	Assistant Professor Ng	Permanent	2 Years 6 Months
17	ANITHA.R	46881562	136144	MBBS, MD.,	ANAESTHESIOLOGY	Assistant Professor Ng	Permanent	1 Year 6 Months
18	DR. DIKSHAPREET	41753561	126126	MBBS, MD.,	ANAESTHESIOLOGY	Assistant Professor Ng	Permanent	
19	ELINA MARIA STEFFI	57552202	129905	MBBS, MD	ANAESTHESIOLOGY	Senior Resident NG	Permanent	1 Year 11 Months
20	INDUJA S	3176677	143736	MBBS. MD	ANAESTHESIOLOGY	Senior Resident NG	Permanent	1 Years 3 Months
21	K MANJU	59891933	139417	MBBS, DNB	ANAESTHESIOLOGY	Senior Resident NG	Permanent	1 Year 10 Months
22	RUBAVIKNESH C	88106693	122525	MBBS, MD	ANAESTHESIOLOGY	Senior Resident NG	Permanent	2 Years And 1 Month
23	THANIGAI RAJA	39665190	123498	MBBS, MD	ANAESTHESIOLOGY	Senior Resident NG	Permanent	11 Months
24	LAVANYA SIVAGURUNATHAN	37387911	124734	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	7 Months
25	AMEERUNNISHA BEGUM	54950481	122100	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	5 Months
26	SIVANANDAM ANAND	72005307	109667	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	5 Months
27	BHARAT KRISHNA M	3910039	156144	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	5 Months
28	DEEPAKSHANKAR SAMRAJ	44834196	133313	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	3 Months
29	KAVSHIK K B	54123541	147670	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	4 Months
30	MYNAVATHI MURALI	81920131	148564	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	2 Months
31	NAVEEN RAJ R	51060997	107546	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	1 Years 7 Months
32	DR. NIVEDHA R	633216	135426	MBBS, MD	ANAESTHESIOLOGY	Senior Resident Ng	Permanent	
33	KABERI BEHERA A	49513250	144526	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
34	NAGHA PRASSANA B	1396339	134889	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months

35	HARPREET KAUR R	69038814	154837	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
36	MUNEESH KANNAN M	18525028	133927	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
37	PRINGLE	84541508	129474	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
38	A MANOJ	21707555	129394	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
39	MANOJ ADITYA B	18400779	144343	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
40	SHANTHI	37881236	147273	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
41	ANNA MAGDALENE JOSEPH	24647238	133281	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
42	AARTHI.C	42305573	141685	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
43	VIDYA SARANYA S	77799801	174297	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
44	NIVEDITA	31914750	50377	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	2 Years 9 Months
45	DEEPASHRI MARIETA P J	51756537	165742	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
46	SRIRAM S	16291447	153680	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
47	SANJAY SURYA R	18315087	150785	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
48	SANGAMITHRA	54193577	165843	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
49	NANCY SHARMA	39608282	175520	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
50	PUJALA AJAY	10037145	108247	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
51	PRAVEEN KUMAR D	41668125	165136	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
52	AKILESH A	15550859	156547	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
53	REDDYBATHULA PRIYANKA	70265968	183465	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
54	RAJASREE S	76628366	157436	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
55	MADHUSNATA DAS	10014223	185729	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
56	NISHAD AHAMED	35872636	173857	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	1 Years 10 Months
57	PRADEEP J	0524 3399	158360	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
58	MYTHILI. U	4900 0000	170461	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
59	SHAIK SALMA	5100 0000	23832	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
60	BHARATHIRAJA M	5200 0000	152043	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months

61	SHOBHNA SHIVANI S	3595 4607	167343	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
62	VIMALKUMAR B	9800 0000	148509	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
63	ORUGANTI LASYA SAI	1000 0000	125415	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
64	DILIP V	2300 0000	153203	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
65	NIVEDITHA K R	2100 0000	165334	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
66	SHABNA S NARAYANAN	0400 0000	167267	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
67	TIAJUNGLA PILLAI	8300 0000	164939	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
68	YERRA SRIJA	6900 0000	127898	MBBS	ANAESTHESIOLOGY	Junior Resident	Permanent	7 Months
	DEPARTMENT OF OBSTETRICS & GYNAECOLOGY							
1	SEETHALAKSHMI K	8037422	44063	MBBS,DGO,DNB(OBG),PhD.	OBSTETRICS & GYNAECOLOGY	Professor HOD NG	Permanent	30years And 6months
2	A PARIMALA	64003324	57238	MBBS, MS.,	OBSTETRICS & GYNAECOLOGY	Professor NG	Permanent	20years And 10months
3	DR NIDHI SHARMA	58154114	78330	MBBS, MS.,	OBSTETRICS & GYNAECOLOGY	Professor NG	Permanent	18years And 7months
4	RAJALEKSHMI M	99835522	83129	MBBS, MS.,	OBSTETRICS & GYNAECOLOGY	Professor NG	Permanent	15years And 9 Months
5	SHANTHI E	74049300	72088	MBBS, MS.,	OBSTETRICS & GYNAECOLOGY	Professor NG	Permanent	18 Years
6	U. ELAVEYINI	65713921	75009	MBBS, DNB	OBSTETRICS & GYNAECOLOGY	Professor NG	Permanent	9 Years
7	D MOHANAPRIYA	64061143	93789	MBBS, MS, DNB, Mch	OBSTETRICS & GYNAECOLOGY	Associate Professor NG	Permanent	8 Year And 6 Months
8	KOHILA KALIMUTHU	60131362	79101	MBBS, MD, DGO.,	OBSTETRICS & GYNAECOLOGY	Associate Professor NG	Permanent	14 Years And 2 Months
9	DR MARGARET HARRIET PRIYA FRANCIS	16414512	98747	MBBS, MS.,	OBSTETRICS & GYNAECOLOGY	Associate Professor NG	Permanent	6 Years 11 Months
10	ARCHANA KUMARI	89790030	126341	MBBS, DNB, FMAS.,	OBSTETRICS & GYNAECOLOGY	Associate Professor NG	Permanent	8years And 9months
11	THARAKA SENATHIRAJAH	68527104	115023	MBBS, MS.,	OBSTETRICS & GYNAECOLOGY	Associate Professor NG	Permanent	7years And 10 Months
12	ASWINI KOLAKUMAR	6393204	106557	MBBS, MS.,	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	6years And 2 Months
13	AKANKSHA SINGH CHANDEL	49410786	111243	MBBS,DNB	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	7 Years And 9 Months
14	SAMYA J	90532983	121424	MBBS,MS	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	2 Years 5 Months
15	AKKI POORNIMA	90969470	102227	MBBS, MD	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	3 Years 9 Months
16	KALONI K S	22321442	138639	MBBS, MD	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	4 Years And 6 Months
17	LOTHIKHA	17764527	88883	MBBS, MD	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	6 Years And 3 Months

18	M SHYAMALA	91897991	135567	MBBS, MD	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	4 Years And 6 Months
19	NANDHINI R	34331661	111870	MBBS, MD	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	
20	PREETHI S	50176781	35455	MBBS, MD	OBSTETRICS & GYNAECOLOGY	Assistant Professor NG	Permanent	
21	ANNE JOHNCY	8632756	56834	MBBS, DGO.,	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	17 Years And 9 Months
22	DR K.ANUPAMA	66909546	60679	MBBS, DGO.,	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	24 Years And 6 Months
23	G M SHAJNI KRISHNA	69034356	135345	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	1 Year 10 Months
24	DEEPIKA J	717156	138662	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 3 Months
25	DHIVYA G	49411284	140585	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 2 Months
26	JAIN KHUSBOO	17161076	174318	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 4 Months
27	K POORNIMA	6213125	132072	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 2 Months
28	KAVITHA	31587963	133391	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 3 Months
29	MONICA M	55945359	135618	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 3 Months
30	NASRUNISHA	82607357	137570	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 2 Months
31	TANJAVURU SAI CHANDANA	66497361	111819	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 1 Months
32	VINITHIRA SRI G V	7819200	135531	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	3 Years 1 Months
33	DR. SIVASANKARI G	26116767	137878	MBBS, MS	OBSTETRICS & GYNAECOLOGY	Senior Resident NG	Permanent	
34	P S JAGATHISWARI	97556707	154568	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
35	ROSELIN SHEELA.J	67534142	154604	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
36	SHILPALAKSHMI PRASAD E	9353078	115089	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
37	KAVYA P	16196515	154894	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
38	M GEETHANJALI	41840435	124882	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
39	RAMYA B	96141120	156657	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
40	SONIYA S.R.	67412783	155042	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
41	A RATHNA	70229795	157752	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
42	KALPANA L	41504056	135837	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months
43	JASTI LAKSHMI SAMHITHA	45289060	145604	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	2 Years 9 Months

44	VARSHAA KRISHNA	39682681	176470	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
45	R SHALINI	15463567	165831	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
46	SRI ROWNIKA. K	29753462	155615	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
47	JANAGAM MANASWINI	95972820	183462	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
48	TADIPARTHI NISCHALA	94780921	21571	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
49	AYSHA M	1573498	79773	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
50	PADMA PRIYA P	76141802	155492	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
51	BIRRU PRANAVI	69759447	167173	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
52	SRIDEVI JANGITI	74997331	125472	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
53	SAMYUKTHA B S	39923602	164850	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
54	ADELINE ROMONA A	44813786	174761	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
55	LAVEINYA B	27545393	153811	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	1 Years 10 Months
56	L SOWPARNIKA	32671129	178317	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
57	DEVARAJ PREETHI	38453480	166517	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
58	SRI RAAGA SAMBHAVE P	49083262	165443	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
59	KAVIPRIYAA SENTHILVEL	43139074	138702	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
60	ANBUCHELIAN KEERTHANA	44038924	175845	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
61	HAFEEZA KULTHUM Z	70101162	179530	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
62	SUBITSHA	6120844	177718	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
63	YANAMALA YASHASWINI	38533898	124745	MBBS	OBSTETRICS & GYNAECOLOGY	Junior Resident	Permanent	6 Months
	DEPARTMENT OF RADIO-DIAGNOSIS							
1	PAARTHIPAN N	44288566	59890	MBBS, MD	RADIO-DIAGNOSIS	Professor HOD NG	Permanent	21 Years 4 Months
2	ARUNTHATHY GNANESHWAR	75848274	72624	MBBS, MD	RADIO-DIAGNOSIS	Professor NG	Permanent	16 Years 7 Months
3	DR.V.SAVEETHA	12871575	61617	MBBS, MD.,	RADIO-DIAGNOSIS	Professor NG	Permanent	22 Years 4 Months
4	PRAVEEN SHARMA K	37674809	77277	MBBS, MD.,	RADIO-DIAGNOSIS	Professor NG	Permanent	13 Years 11 Months
5	SUKUMAR	16593189	55840	MBBS, MD.,	RADIO-DIAGNOSIS	Professor NG	Permanent	22 Years 4 Months

6	MUTHIAH PITCHANDI	21773129	49667	MBBS, MD.,	RADIO-DIAGNOSIS	Professor NG	Permanent	16 Years
7	YUVARAJ.M	40633398	88776	MBBS, MD.,	RADIO-DIAGNOSIS	Professor NG	Permanent	11 Years 1 Month
8	KARTHIK KRISHNA RAMAKRISHNAN	93034690	105803	MBBS, MD.,	RADIO-DIAGNOSIS	Associate Professor NG	Permanent	7 Years
9	ARUNKUMAR MOHANAKRISHNAN	72383447	111627	MBBS, MD.,	RADIO-DIAGNOSIS	Assistant Professor NG	Permanent	3 Years 7 Months
10	S AADITHIYAN	7129917	129086	MBBS, MD.,	RADIO-DIAGNOSIS	Assistant Professor NG	Permanent	2 Years
11	M KRISHNARJUN	36527957	2022/09/7929	MBBS, MD.,	RADIO-DIAGNOSIS	Assistant Professor NG	Permanent	2 Years 8 Months
12	NIKHIL KUMAR S	7323523	182601	MBBS, MD.,	RADIO-DIAGNOSIS	Assistant Professor Ng	Permanent	1 Year
13	SAMRAJA	93847352	135356	MBBS, MD.,	RADIO-DIAGNOSIS	Assistant Professor Ng	Permanent	2 Years
14	VIGNESH KUMAR	80552665	126704	MBBS, MD.,	RADIO-DIAGNOSIS	Assistant Professor Ng	Permanent	3 Years
15	NAVEEN KUMAR G	5520365	89475	MBBS, DMRD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	8 Years 3 Months
16	SANJAY KANTH B	51653268	140935	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	4 Months
17	ARUN A	46090434	139039	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	4 Months
18	SAKTHI GANESH S	99081565	127298	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	4 Months
19	AFWAAN FAIZAL A	43812674	154736	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	4 Months
20	AJAY LUCAS RUBBEN PRABHU S A	39661386	154662	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	4 Months
21	VINOTH P	30619996	130002	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	4 Months
22	ABDULSAMAD A K	28573032	12557	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	1 Month
23	SOORYA PRAKASH	81588944	130096	MBBS, MD.,	RADIO-DIAGNOSIS	Senior Resident NG	Permanent	2 Months
24	STANY JEROSHA J R	29936338	121373	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
25	MICHAEL ANTONY VIKRAM	97127875	154605	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
26	HARISH S L	2569681	156802	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
27	JASVANT RAM A	28706339	156169	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
28	AJINA SAM.W	98714892	154428	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
29	DHIVYA	96004376	157332	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
30	P.EVANGELINE CHRISTINA	27617278	164382	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
31	ABDUL MAJITH S	44311950	150877	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months

32	SEETHA RASHI	78749213	173090	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
33	SHARMEELA S	14741042	83566	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
34	RAVULA PRANATHI	12032927	172984	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	2 Years 8 Months
35	SRI INDIRA KUMAR U	75130315	150941	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
36	PRIYA DHARSHINI R	99071474	135148	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
37	NIVASHINI G R	13835941	178581	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
38	AMOGH DIWAKAR	94128177	153834	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
39	AKASH S	93367482	154438	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
40	KONENI NIKHIL	19337025	17631	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
41	SATTI KEERTHI CHARITHA	46753521	119261	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
42	GARRE GOWTHAM SAI	90606296	183424	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
43	JAYPRADHA S	83488943	165705	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
44	KARUNAKARAM SRIRAM	87909993	183578	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
45	VADUPU UDAYA BHANU	14055323	183464	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	1 Year 10 Months
46	RAMIDI YESHWANTH REDDY	76694291	22858	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	5 Months
47	NIVETHA S	84192538	137769	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
48	MOTHISH P	54404282	176460	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
49	ANITTA XAVIER A	75357518	177767	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	6 Months
50	DHARANI B	0215 2272	175886	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
51	CAROLINE SYLVIA S	95279653	174947	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
52	PUJHASHREE S K	65683443	178016	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
53	MADHANGI	84611218	176144	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
54	NISHI KANT VARMA	53230768	35912	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
55	HITHA A R	60294340	177196	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	7 Months
56	SNEHAA LAKSHMI V	47142009	180958	MBBS	RADIO-DIAGNOSIS	Junior Resident	Permanent	5 Months
DEPARTMENT OF OPHTHALMOLOGY								

1	SANJEEV KUMAR PURI	18052653	67633	MBBS, MS.,	OPHTHALMOLOGY	Professor HOD NG	Permanent	19 Years
2	V. PANIMALAR A. VEERAMANI	67331481	97006	MBBS, DNB.,	OPHTHALMOLOGY	Professor NG	Permanent	13 Years
3	VENIPRIYA S	54087464	78622	MBBS,MS, PDF	OPHTHALMOLOGY	Professor NG	Permanent	15 Years
4	DR.N.DIVYA	51130954	98967	MBBS, MS.,	OPHTHALMOLOGY	Associate Professor NG	Permanent	9 Years
5	R NITHYA	13389623	116576	M.B.B.S, MS	OPHTHALMOLOGY	Assistant Professor NG	Permanent	5 Years
6	SAI DHEERA M	11841705	112251	MBBS,MS,DNB, FICO,FGL,MRC	OPHTHALMOLOGY	Assistant Professor NG	Permanent	6 Years
7	BINDU BHASKARAN	8747877	64644	MBBS, DO.,	OPHTHALMOLOGY	Senior Resident NG	Permanent	11 Years
8	GENICKSON JEYARAJ ROBIN VETHARAJ	67776985	147645	MBBS, MS	OPHTHALMOLOGY	Senior Resident NG	Permanent	1 Year 6months
9	KEERTHI SRI A S	64394440	99343	MBBS, MS	OPHTHALMOLOGY	Senior Resident NG	Permanent	2 Years
10	LIKHITA MOVVA	5345856	172932	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	2 Years 9 Months
11	V PAVITHRA	90634684	151152	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	2 Years 9 Months
12	KONDA HARSHITHA	30446843	172985	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	2 Years 9 Months
13	OVIYA A	97824437	131021	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	1 Year 9 Months
14	SMRITI SARATHI	37050019	164085	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	1 Year 9 Months
15	GOWTHAM P S	81794376	169243	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	1 Year 9 Months
16	SARVAREDDY NISHITHA	60200457	126359	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	9 Months
17	MOGATALA GNANESWAR REDDY	87994926	125848	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	9 Months
18	PASUPULETI ASHOK KUMAR	39558588	119718	MBBS	OPHTHALMOLOGY	Junior Resident	Permanent	9 Months
	DEPARTMENT OF ORTHOPAEDICS							
1	NAVIN BALASUBRAMANIAN	1414629	76197	MBBS, MS, DNB,	ORTHOPAEDICS	Professor Hod Ng	Permanent	15 Years
2	J RAJA PURUSHOTHAMAN	8647107	94599	MBBS,MS	ORTHOPAEDICS	Professor NG	Permanent	9 Years & 3months
3	NITESH KUMAR RATHI	1487363	90597	MBBS, MS, Fellow [Spine].,	ORTHOPAEDICS	Professor NG	Permanent	26 Years
4	S YESHWANTH	8665228	68252	MBBS, DNB, MNA.,	ORTHOPAEDICS	Professor NG	Permanent	17 Years & 9months
5	SHIVA P	24128825	88545	MBBS, MS	ORTHOPAEDICS	Professor NG	Permanent	10 Years & 6 Months
6	VIJAYAN BALAKRISHNAN	523534	69351	MBBB, MS	ORTHOPAEDICS	Professor NG	Permanent	14 Years
7	P SANKARALINGAM	4510970	43635	MBBS, MS, DNB, MNAMS	ORTHOPAEDICS	Professor NG	Permanent	25 Years & 4months

8	ASHOK T R	71054263	78327	MBBB, MS	ORTHOPAEDICS	Professor NG	Permanent	
9	ARUNKUMAR C	16134010	105513	MBBS, DNB	ORTHOPAEDICS	Associate Professor NG	Permanent	6 Years &11months
10	J BENJAMIN VINODH	61749397	109267	MBBS, MS.,	ORTHOPAEDICS	Associate Professor NG	Permanent	7 Years
11	A SUBRAMANIAN	131723	107731	MBBS, DNB	ORTHOPAEDICS	Associate Professor NG	Permanent	4 Years & 7months
12	M D ILAVARASAN	40245046	109935	MBBS, MS	ORTHOPAEDICS	Associate Professor Ng	Permanent	7 Years & 3months
13	MUNIS MOHAMED ASHRAF	24917279	105141	MBBS,DNB	ORTHOPAEDICS	Associate Professor Ng	Permanent	5 Years
14	JESHWANTH N	55408654	1009591	MBBS, MS, DNB, FNB	ORTHOPAEDICS	Assistant Professor NG	Permanent	2 Years & 6months
15	D. RAGHUL	68857321	108942	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor NG	Permanent	5 Years
16	NAVEEN	88776281	120670	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor NG	Permanent	4 Years
17	LOKESH SAMBATH	83335652	111574	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor NG	Permanent	5 Years
18	DAMODHARAN V	65422038	129102	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor NG	Permanent	3 Years & 11 Months
19	SANJAY R	99796181	115215	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor NG	Permanent	4 Years &6months
20	K DWARAGANATH	26753868	125980	MBBS, MS, DNB,	ORTHOPAEDICS	Assistant Professor NG	Permanent	4 Years & 2months
21	SUBITCHAN	79769157	109049	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor NG	Permanent	5 Years
22	PRUNAV ADHAV PRITHVI RAJ	6753304	115816	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor Ng	Permanent	3 Years
23	VENKATESH KUMAR S	99048803	111676	MBBS, MS.,	ORTHOPAEDICS	Assistant Professor Ng	Permanent	
24	ARUN VIGNESH P S	76522283	127828	MBBS, MS.,	ORTHOPAEDICS	Senior Resident NG	Permanent	2 Years
25	ARUNKUMAR P	90187414	133740	MBBS, MS.,	ORTHOPAEDICS	Senior Resident NG	Permanent	2 Years
26	KALANIDHI	25097767	50265	MBBS, D.Ortho,	ORTHOPAEDICS	Senior Resident NG	Permanent	12 Years&3 Months
27	ADHITHYAN ANBUSELVAM	20473723	121158	MBBS, MS.,	ORTHOPAEDICS	Senior Resident NG	Permanent	3 Years
28	ROHIT R	9842351	128517	MBBS, MS.,	ORTHOPAEDICS	Senior Resident NG	Permanent	3 Years & 2 Months
29	SAI DEIV RAMKUMAR M	16142611	115617	MBBS., MS	ORTHOPAEDICS	Senior Resident NG	Permanent	2 Years
30	ASWIN SUNDAR R	53790403	128348	MBBS., MS	ORTHOPAEDICS	Senior Resident NG	Permanent	4 Months
31	DEEPAK V	93426682	150731	MBBS., MS	ORTHOPAEDICS	Senior Resident NG	Permanent	3 Months
32	SABARISHWARAN A	2201620	139306	MBBS,DNB	ORTHOPAEDICS	Senior Resident NG	Permanent	3 Months
33	VANKAMADDI VISHNUVARDHAN	6248979	109549	MBBS., MS	ORTHOPAEDICS	Senior Resident NG	Permanent	3 Months

34	SAJITH S	62155144	174457	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
35	RAJABALAJI S V	34932843	152009	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
36	OBLI PRAKASH PC	42155694	154874	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
37	R TARUNPRASAD	60941603	156136	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
38	RAJKUMAR B	79072861	161261	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
39	VISNU S	44349466	158600	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
40	SURESHSEKAR	25687035	143847	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
41	NAVEEN KUMAR.M	5551199	157043	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
42	RAMPRASATH	64138300	152086	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
43	ARUN MANIVELL.J	472566	162328	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
44	NAVEEN KARTHIK	99112425	148008	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	2 Year 9 Month
45	SOMESH ARAVINDAN	77865342	151515	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
46	AJITH KUMAR C	2703 7105	161265	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
47	SHANTHOSH S D	4410827	156560	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
48	VINOTH KUMAR S	4101351	131090	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
49	SHRI RAMAKRISHNA G	6811178	151690	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
50	SRUSHIKESH	58739350	161685	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
51	ROHAN RAJ	5473361	158502	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
52	AKHILESH ARASAN	30537937	167399	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
53	TALAL HASAN JUMIRUL HUSSAIN	28320151	164039	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
54	ARIVOLI K M	44011909	155293	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
55	AJAY R	32398111	151506	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
56	KRUTHIKAA RAJINDRAN	67043574	120495	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	1 Year 11 Month
57	ARUL M	50085586	175402	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
58	SHRAVAN SREE KUMAR	62704935	143430	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
59	ARUNRAJ	71173872	180854	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month

60	T V SOMESHWARAN	59047400	155351	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
61	RAMJI P	8753 1143	166250	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
62	SIDDHARTH R	84176909	178238	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
63	PRATIKSHA	24912659	149201	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
64	MOHAMMED RAFI UL HUQ M	85982922	164889	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
65	AKHILA U	99651096	177624	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
66	VIVEKA S	4.56769E+11	193746	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
67	EDULA SAI PRANEETH REDDY	52591870	126938	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
68	AJITH KUMAR	83893457	155300	MBBS	ORTHOPAEDICS	Junior Resident	Permanent	7 Month
SUPERSPECIALITY DEPARTMENTS								
DEPARTMENT OF CRITICAL CARE MEDICINE								
1	DR.A.RATHNA	53911737	72937	MBBS, MD.,	CRITICAL CARE MEDICINE	Professor NG	Permanent	26 Years
2	LAYA MAHADEVAN	64152314	6745	MBBS, MD.,	CRITICAL CARE MEDICINE	Associate Professor NG	Permanent	10 Years 1 Month
3	CHERUVU VAISHNAVI	79289778	0001612KTK	MBBS,MD	CRITICAL CARE MEDICINE	Assistant Professor NG	Permanent	2 Years 5 Months
4	FELIN PAUL P	597259	123419	MBBS,MD,DNB	CRITICAL CARE MEDICINE	Senior Resident	Permanent	1 Year 10 Months
5	MOHAN H S	30078235	67209	MBBS,MD	CRITICAL CARE MEDICINE	Senior Resident	Permanent	1 Year 10 Months
6	ARUN PANDIYAN S	48526575		MBBS,MD	CRITICAL CARE MEDICINE	Senior Resident	Permanent	6 Months
7	SOURAPU KARTHEEK	52392629		MBBS,MD	CRITICAL CARE MEDICINE	Senior Resident	Permanent	6 Months
DEPARTMENT OF MEDICAL ONCOLOGY								
1	DR. ANITA RAMESH	53113783	60946	[UK], MD, DNB,	MEDICAL ONCOLOGY	Professor HOD NG	Permanent	9 Years
DEPARTMENT OF NEPHROLOGY								
1	INDHUMATHI E	97469876	47699	MBBS, MD, DM.,	NEPHROLOGY	Professor HOD NG	Permanent	10 Years 10 Months
2	MANOJ KUMAR	57515186	96859	MBBS, MD, DM.,	NEPHROLOGY	Associate Professor NG	Permanent	2 Years 2 Months
3	MANODHAR NAIDU VUNNAM	61712693	101694	MBBS,MD	NEPHROLOGY	Senior Resident	Permanent	1 Year 10 Months
4	CHAKRADHAR AREPALLI	94077630	172297	MBBS,MD	NEPHROLOGY	Senior Resident	Permanent	1 Year 10 Months
5	VISHNUSHANKAR	91293875	125989	MBBS,MD	NEPHROLOGY	Senior Resident	Permanent	

DEPARTMENT OF NEUROLOGY								
1	**VASUDEVAN D**	4310149	96237	MBBS, MD, DM.,	NEUROLOGY	Professor HOD NG	Permanent	33 Years
2	**S.VINOTHKANNA**	89284769	69743	MBBS, MD, DM.,	NEUROLOGY	Professor NG	Permanent	15 Years
3	**SATHISHKUMAR M**	11945793	93354	MBBS, MD, DM.,	NEUROLOGY	Associate Professor NG	Permanent	9 Years
4	**BRIJESH REMIN J N**	71998097	123906	MBBS,MD,DM	NEUROLOGY	Assistant Professor NG	Permanent	3 Years
5	**NOOKA MONIKA REDDY**	59815278	97676	MBBS,MD	NEUROLOGY	Senior Resident	Permanent	2.years 6months
6	**G ANOOSH**	81644999	TSMC/FMR/01307	MBBS,MD	NEUROLOGY	Senior Resident	Permanent	1 Year 6months
DEAPRTMENT OF CARDIOLOGY								
1	**MEENAKSHI K**	30411139	35507	MBBS, MD, DM.,	CARDIOLOGY	Professor NG	Permanent	38 Years 5 Months
2	**A G NARAYANASWAMY**	65774230	56828	MBBS, MD, DNB,	CARDIOLOGY	Professor NG	Permanent	28 Years 2 Months
3	**RAMKUMAR NANDAGOPAL**	88874226	125811	MBBS, MD, DM.,	CARDIOLOGY	Assistant Professor Ng	Permanent	3 Years 2 Months
4	**NANDHA KUMAR**	85179681	126650	MBBS,MD	CARDIOLOGY	Senior Resident	Permanent	1 Year 5 Months
5	**AYUSHI MUNGAD**	34179021	24101	MBBS,MD	CARDIOLOGY	Senior Resident	Permanent	1 Year 5 Months
DEAPRTMENT OF PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE SURGERY								
1	**SURYA RAO**	74785289	66887	MBBS, MS, DNB, MNAMS, MCh, FAGE	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Professor HOD NG	Permanent	13 Years
2	**D.ALAGAR RAJA**	65095925	63662	MBBS, MS, DNB, MCh.,	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Professor NG	Permanent	13 Years
3	**ANAND PRASATH**	4526955	96801	MBBS, MS, M.Ch.,	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Professor NG	Permanent	7 Years
4	**VIJAY J**	94658032	73897	MBBS, MS, M.Ch.,	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Professor NG	Permanent	6 Years
5	**SURESH**	85161561	92017	MBBS, MS, M.Ch.,	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Associate Professor NG	Permanent	4 Years
6	**MANOJ A**	98824676	103532	MBBS, MS, M.Ch.,	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Assistant Professor NG	Permanent	
7	**S.JAWHARUN NISA**	56778533	136128	MBBS,MS	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Senior Resident	Permanent	2 Years
8	**DIVYA KR**	29795359	121172	MBBS,MS	PLASTIC SURGERY/PLASTIC & RECONSTRUCTIVE	Senior Resident	Permanent	2 Years
DEPARTMENT OF VASCULAR SURGERY								
1	**SUBRAMMANIYAM**	1166282	37241	MBBS, MS, MCh, FRCS.,	VASCULAR SURGERY	Professor HOD NG	Permanent	32 Years 1 Month
2	**MARUN RAJ G**	41389309	77344	MBBS, MS, MCh.,	VASCULAR SURGERY	Professor NG	Permanent	15 Years 11 Months
3	**MANOJ PRABAKAR R**	54025356	95206	MS,FMAS,Mch	VASCULAR SURGERY	Associate Professor NG	Permanent	8 Years

4	ARCHANA R	51911795	164544	MBBS, DNB, DNB(Vascular Surgery)	VASCULAR SURGERY	Assistant Professor NG	Permanent	4 Years 2 Months
5	S DEVI PRIYA	66243412	119714	MBBS,MS	VASCULAR SURGERY	Senior Resident	Permanent	2 Years 5 Months
6	RENUKA PALADUGULA	70008829	122265	MBBS,MS	VASCULAR SURGERY	Senior Resident	Permanent	1year 5 Months
7	SANTHOSH V R	99348256	129227	MBBS,MS	VASCULAR SURGERY	Senior Resident	Permanent	1year 5 Months
	DEAPRTMENT OF UROLOGY							
1	N MUTHULATHA	72836778	37772	MBBS, MS, M.Ch.,	UROLOGY	Professor NG	Permanent	32 Years And 9 Months
2	GRIFFIN	31477694	79063	MBBS, MS, M.Ch, FRCS.,	UROLOGY	Professor NG	Permanent	12 Years And 10 Months
3	SIVASANKAR M	99630202	71543	MBBS, MS, MRCS, MCh.,	UROLOGY	Professor NG	Permanent	12 Years And 10 Months
4	DEV KRISHNA BHARATHI C	62142599	87970	MBBS, MS, M.Ch.,	UROLOGY	Associate Professor NG	Permanent	8 Years And 10 Months
5	MOHAMMED FAROOQ J	46715287	105549	MBBS, MS, M.Ch.,	UROLOGY	Associate Professor NG	Permanent	6 Years And 11 Months
6	ARVIND RAMACHANDRAN	90292194	98505	MBBS,MS,MCH	UROLOGY	Assistant Professor NG	Permanent	3 Years
7	SANKHE ASHIRWAD AVINASH	90714920	2020053598	MBBS,MS,DNB	UROLOGY	Senior Resident	Permanent	1 Year And 4 Months
8	CHOUDHARY SHUBHAM CHANDRAKANT	54114249	2017041053	MBBS,MS,DNB	UROLOGY	Senior Resident	Permanent	1 Year And 5 Months
9	KUPPAN C T	60994634	128349	MBBS,MS	UROLOGY	Senior Resident	Permanent	2 Years And 7 Months
10	PUTHAWALA ANEES SHOEB	74315097	175375	MBBS,MS	UROLOGY	Senior Resident	Permanent	2 Years And 7 Months
	DEAPRTMENT OF NEONATOLOGY							
1	DR. SANTOSH KUMAR	98566636	86667	MBBS, MD, DM.,	NEONATOLOGY	Professor NG	Permanent	8 Years 8 Months
2	HARISH SUDARSANAN	45639407	77997	MBBS, DNB, DM, FNIC.,	NEONATOLOGY	Professor NG	Permanent	6 Years 9 Months
3	ASHA ARUN	22352208	83825	MBBS, MD, DM.,	NEONATOLOGY	Professor NG	Permanent	6 Years 9 Months
5	UDITA CHOWDHURY	87814739	185758	MBBS,MD	NEONATOLOGY	Senior Resident	Permanent	2 Years
6	DEEPTHI K	78488551	184765	MBBS,MD	NEONATOLOGY	Senior Resident	Permanent	2 Years
7	KAMBAM KRANTHI KUMAR	61213380	175970	MBBS,DNB	NEONATOLOGY	Senior Resident	Permanent	1 Month
8	AKSHATHA P	54467704	176221	MBBS,MD,DCH	NEONATOLOGY	Senior Resident	Permanent	1 Month
	DEPARTMENT OF DENTAL SCIENCES							
1	DR HEMAVATHY O R	50953872	7605-A	BDS, MDS.,	DENTISTRY	Professor NG	Permanent	17 Years
2	DR PRADEEP D	36853113	12305	BDS, MDS.,	DENTISTRY	Associate Professor NG	Permanent	12 Years

3	**DR PRAVEEN GANESH NATARAJAN**	77976727	61391	BDS, MDS.,	DENTISTRY	Assistant Professor NG	Permanent	7 Years
4	**DR INDUMATHY M**	60954954	24706	BDS	DENTISTRY	Senior Resident NG	Permanent	3 Years 1 Month

CBME Phase 1 Main Timetable LGT : Large Group Teaching , DOAP: Demonstration Observation Assistance Performance, SGL: Small Group Lecture , SGD: Small Group Discussion , CM: Community Medicine , AETCOM					
Day	**8 am - 10:00 am**	**10:15 am to 11:15 am**	**11:15 am to 12: 15 pm**	**1:00 pm to 2:00 pm**	**2 pm to 3 pm**
1	AN (anatomy) 1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	AETCOM MODULE 1.5 The cadaver as our first teacher In 3 batches	AETCOM MODULE 1.5 The cadaver as our first teacher In 3 batches	AETCOM MODULE 1.5 The cadaver as our first teacher In 3 batches	Practical in batches Practical-AN (anatomy) 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function Practical-PY (physiology) 2.11 Introduction to Hematology Practicals Practical-BI (biochemistry) 11.1 Describe commonly used laboratory apparatus and equipments
2	BI (biochemistry) 1.1, PY 1.1 Describe the molecular and functional organization of a cell and its subcellular components	BI (biochemistry) 2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature	PY (physiology) 1.3,1.4,1.9 Describe intercellular communication Describe apoptosis programmed cell death Demonstrate the ability to describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research	PY (physiology) 1.2 Describe and discuss the principles of homeostasis	Practical in batches Practical-AN (anatomy) 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function Practical-PY (physiology) 2.1 Introduction to Hematology Practicals Practical-BI (biochemistry) 11.1 Describe commonly used laboratory apparatus and equipments
3	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

4	AN (anatomy) 5.1 to 5.8 and 6.1 to 6.3 Differentiate between blood vascular and lymphatic system, Differentiate between pulmonary and systemic circulation List general differences between arteries & veins Explain functional difference between elastic, muscular arteries and arterioles Describe the concept of anastomoses and collateral circulation with significance of end-arteries Describe portal system giving examples Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses Define thrombosis, infarction & aneurysm List the components and functions of the lymphatic system Describe structure of lymph capillaries & mechanism of lymph circulation Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system	BI (biochemistry) 7.1 Describe cell cycle and its regulation	BI (biochemistry) 1.1 Describe the fluid mosaic model of plasma membrane	AN (anatomy) 76.1, 76.2 Describe the stages of human life, Explain the terms- phylogeny, ontogeny, trimester, viability	Practical in batches Practical-AN (anatomy) 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function Practical-PY (physiology) 2.11 Introduction to Hematology Practicals Practical-BI (biochemistry) 11.1 Describe commonly used laboratory apparatus and equipments
5	INTRODUCTION TO DISSECTION 250 in Dissection Hall	PY (physiology) 1.5 Describe and discuss transport mechanisms across cell membranes	PY (physiology) 1.5 Describe and discuss transport mechanisms across cell membranes	AN (anatomy) 7.1- 7.4 & 7.6 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems List components of nervous tissue and their functions Describe parts of a neuron and classify them based on number of neurites, size & function Describe structure of a typical spinal nerve Describe concept of loss of innervation of a muscle with its applied anatomy	EARLY CLINICAL EXPOSURE - Practical-BI (biochemistry) 1.1 (A2) Describe good safe laboratory practice and waste disposal Introduction to Clinical Biochemistry Laboratory-T1 Universal Safety Precautions-T2 with Department of Microbiology

6	Small Group 10 tables , table teaching Dissection AN (anatomy) 77.4, 77.5, Small Group 10 tables , table teaching Dissection Describe the stages and consequences of fertilisation, Enumerate and describe the anatomical principles underlying contraception	General Embryology AN (anatomy) : 77.1 to 77.6 : Gametogenesis and Fertilization Describe the uterine changes occurring during the menstrual cycle . Describe the synchrony between the ovarian and menstrual cycles Describe spermatogenesis and oogenesis along with diagrams Describe the stages and consequences of fertilisation Enumerate andDescribe the anatomical principles underlying contraception Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".	General Embryology AN (anatomy) : 77.1 to 77.6 : Gametogenesis and Fertilization Describe the uterine changes occurring during the menstrual cycle . Describe the synchrony between the ovarian and menstrual cycles Describe spermatogenesis and oogenesis along with diagrams Describe the stages and consequences of fertilisation Enumerate andDescribe the anatomical principles underlying contraception Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".	BI (biochemistry) 2.3 Describe and explain the basic principles of enzyme activity and the factors influencing enzyme activity and MOA of enzyme Describe the fluid mosaic model of plasma membrane	EARLY CLINICAL EXPOSURE - Practical-BI (biochemistry) 1.1 (A2) Describe good safe laboratory practice and waste disposal Introduction to Clinical Biochemistry Laboratory-T1 Universal Safety Precautions-T2 with Department of Microbiology
7	BI (biochemistry) 2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	PY (physiology) 1.6 Describe the fluid compartments of the body, its ionic composition & measurements	EARLY CLINICAL EXPOSURE Physiology 50 Students each Skill Lab 1 Hour on rotation PBL / SGT Dehydration, Hypovolemia	EARLY CLINICAL EXPOSURE Physiology 50 Students 1 Hour on rotation Patch Clamp Technique	EARLY CLINICAL EXPOSURE Physiology 50 Students each 1 Hour on rotation Charts discussion (Videos, Skills Lab, Clinical Lecture)

8	AN (anatomy) 78.1 - 5 Describe cleavage and formation of blastocyst, Describe the development of trophoblast, Describe the process of implantation & common abnormal sites of implantation Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate Describe in brief abortion; decidual reaction, pregnancy test	BI (biochemistry) 2.5 Enumerate the clinical utility of various serum enzymes as markers of pathological conditions.	BI (biochemistry) 3.1 Classify carbohydrates with examples and describe their properties	PY (physiology) 1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	Practical in 3 batches Practical-AN (anatomy) 66.1 Describe & identify various types of connective tissue with functional correlation Practical-PY (physiology) 2.11 Hemocytometer Focussing the Neubauer Chamber under Microscope Practical-BI (biochemistry) 3.1 Demonstration of tests to differentiate monosaccharides & di-saccharides
9	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
10	BI (biochemistry) 3.1 Discuss and differentiate polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	AN (anatomy) 79.1 - 4 Describe the formation & fate of the primitive streak, Describe formation & fate of notochord, Describe the process of neurulation, Describe the development of somites and intra-embryonic coelom	AN (anatomy) 71.1-71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure-function correlation of the same	BI (biochemistry) 4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids) relevant to human system and their major functions	Practical in 3 batches Practical-AN (anatomy) 66.1 Describe & identify various types of connective tissue with functional correlation Practical-PY (physiology) 2.11 Hemocytometer Focussing the Neubauer Chamber under Microscope Practical-BI (biochemistry) 3.1 Demonstration of tests to differentiate monosaccharides & di-saccharides

11	Small Group 10 tables , table teaching Dissection AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels	AN (anatomy) 80.1 - 80.7 Describe formation, functions & fate of- chorion: amnion; yolk sac; allantois & decidua Describe formation & structure of umbilical cord Describe formation of placenta, its physiological functions, foeto maternal circulation & placental barrier Describe embryological basis of twinning in monozygotic & dizygotic twins Describe role of placental hormones in uterine growth & parturition	BI (biochemistry) 4.1 Classify Phospholipids with examples and describe their functions with clinical significance	AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron	Practical in 3 batches Practical-AN (anatomy) 66.1 Describe & identify various types of connective tissue with functional correlation Practical-PY (physiology) 2.11 Hemocytometer Focussing the Neubauer Chamber under Microscope Practical-BI (biochemistry) 3.1 Demonstration of tests to differentiate monosaccharides & di-saccharides
12	BI (biochemistry) 6.5 Classify Vitamins Discuss the RDA , dietary sources , biochemical functions of Vitamin B1,B2, B3 and their role in Health and disease	SGT in 10 groups BI (biochemistry) 6.5 Classify Vitamins Discuss the RDA , dietary sources , biochemical functions of Vitamin B1, B2, B3 and their role in Health and disease	BI (biochemistry) 6.6 Describe the various components of ETC and its inhibitors	PY (physiology) 3.4-3.6 Describe the structure of neuro-muscular junction and transmission of impulses Discuss the action of neuro-muscular blocking agents	SDL PY (physiology) Physiology-Myasthenia Gravis

13	AN (anatomy) 2.1 - 2.6 Describe parts, blood and nerve supply of a long bone,Enumerate laws of ossification,Enumerate special features of a sesamoid bone,Describe various types of cartilage with its structure & distribution in body, Describe various joints with subtypes and examples, Explain the concept of nerve supply of joints & Hilton's law.	SGT in 10 groups BI (biochemistry) 6.6 Describe the various components of ETC and its inhibitors	AN (anatomy) 2.5-2.6 Describe various joints with subtypes and examples Explain the concept of nerve supply of joints & Hilton's law	BI (biochemistry) 5.1 Classify Amino acids with examples and describe their properties Classify Proteins with examples and describe their properties	Clinical Visit in 2 batches EARLY CLINICAL EXPOSURE-AN (anatomy) T1 Pregnancy detection by USG in first trimester(LECTURE, VIDEO) ALONG WITH RADIOLOGY Practical in 3 batches Practical-AN (anatomy) 3.1 -3.3 LECTURE T2 Classify muscle tissue according to structure & action,Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples Explain Shunt and spurt muscles
14	INTRODUCTION TO OSTEOLOGY Small Group 10 tables , table teaching Dissection AN (anatomy) 8.1, AN (anatomy) 8.5 Identify the given bone, its side, important features & keep it in anatomical position, Identify & describe joints formed by the given bone Enumerate peculiarities of clavicle Demonstrate important muscle attachment on the given bone Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform	COMMUNITY MEDICINE COMMUNITY MEDICINE 1.2 Define Health, Describe the concept of Holistic health including concept of spiritual health and the relativeness and determinants of health	BI (biochemistry) 6.5 Describe the biochemical role of Vitamin-D in the body	BI (biochemistry) 6.5 Explain the deficiency manifestations of Vitamin D Describe the biochemical role of Pantothenic acid in the body and explain the manifestations of their deficiency	Clinical Visit in 2 batches EARLY CLINICAL EXPOSURE-AN (anatomy) T2 Pregnancy detection by USG in first trimester(LECTURE, VIDEO) ALONG WITH RADIOLOGY Practical AN (anatomy) 3.1 -3.3 LECTURE T1 Classify muscle tissue according to structure & action,Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples Explain Shunt and spurt muscles
15	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

16	PECTORAL DISSECTION Small Group 10 tables , table teaching Dissection AN (anatomy) 9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	PY (physiology) 3.7 Describe the different types of muscle fibres and their structure	AN (anatomy) 9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	AN (anatomy) 10.1, AN (anatomy) 10.2, AN (anatomy) 10.4, AN (anatomy) 10.7 Identify & describe boundaries and contents of axilla, Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage Explain anatomical basis of enlarged axillary lymph nodes	Practical in 3 batches Practical-AN (anatomy) 67.1 & 67.2 Describe & identify various types of muscle under the microscope Classify muscle and describe the structure-function correlation of the same Practical- PY (physiology) 3.14 PERFORM ERGOGRAPH - Introduction to OSPE & OSPE related to carbohydrates
17	PY (physiology) 3.8 Describe action potential and its properties in different muscle types (skeletal and smooth)	AN (anatomy) 9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast.	VERTICAL INTEGRATION - AN (anatomy) SURGICAL AN (anatomy) OF BREAST - SURGERY	PY (physiology) 3.9 Describe the molecular basis of muscle contraction in skeletal and smooth muscle	Practical in 3 batches Practical-AN (anatomy) 67.1 & 67.2 Describe & identify various types of muscle under the microscope Classify muscle and describe the structure-function correlation of the same Practical- PY (physiology) 3.14 PERFORM ERGOGRAPH - Introduction to OSPE & OSPE related to carbohydrates

18	AXILLA DISSECTION Small Group 10 tables , table teaching Dissection AN (anatomy) 10.1 to 10.2Identify & describe boundaries and contents of axillaIdentify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein	PY (physiology) 3.10 Describe the mode of muscle contraction (isotonic and Isometric) , PY (physiology) 3.11 Explain energy source and muscle metabolism PY (physiology) 3.12 Explain the gradation of muscle activity , PY (physiology) 3.13 Describe muscle dystrophy - Myopathies , PY (physiology) 3.17 Describe the strength duration curve , BI (biochemistry) 2.5 Describe and discuss clinical utility of cardiac muscle enzymes	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	Practical in 3 batches Practical-AN (anatomy) 67.1 & 67.2 Describe & identify various types of muscle under the microscope Classify muscle and describe the structure-function correlation of the same Practical- PY (physiology) 3.14 PERFORM ERGOGRAPH - Introduction to OSPE & OSPE related to carbohydrates
19	EARLY CLINICAL EXPOSURE- Anatomy - bony injuries of the upper limb - orthopedics For 250 students	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	PY (physiology) SDL Practical Muscular Dystrophy

20	BRACHIAL PLEXUS DISSECTION Small Group 10 tables , table teaching Dissection AN (anatomy) 10.3 to 10.5.Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage Explain variations in formation of brachial plexus	" AN (anatomy) 10.3 to AN (anatomy) 10.5 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Explain variations in formation of brachial plexus "	BI (biochemistry) 6.10 Enumerate and describe the disorders associated with Calcium and Phosphorus metabolism BI (biochemistry) 6.9 Describe the functions of Calcium and Phosphorus in the body, their metabolism and homeostasis	PY (physiology) 8.2 (Horizontal Integration sharing with BI (biochemistry) 6.9) DESCRIBE THE HOMEOSTASIS OF CALCIUM and Phosphorus	PY (physiology) SDL (physiology) Muscular Dystrophy
21	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
22	Small Group 10 tables , table teaching Dissection AN (anatomy) 10.12 & AN (anatomy) 10.13, AN (anatomy) 10.8, 10.10, 10.11 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy Explain anatomical basis of Injury to axillary nerve during intramuscular injections	PY (physiology) 3.1 - 3.3 Describe the structure and functions of a neuron and neuroglia. Discuss Nerve Growth Factor & other growth factors / cytokines Describe the types, functions and properties of nerve fibres	AN (anatomy) 10.12 & AN (anatomy) 10.13 , AN (anatomy) 10.8, 10.10, 10.11 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy Explain anatomical basis of Injury to axillary nerve during intramuscular injections	BI (biochemistry) 9.1 List the functions and components of the extracellular matrix (ECM).	SGT in 10 groups BI (biochemistry) 9.2 Discuss the involvement of ECM components in health and disease.

23	Arm Small Group 10 tables , table teaching Dissection & Skills Lab Venepuncture, AN (anatomy) 11.1 - 11.5 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), terminationof important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis Identify & describe boundaries and contents of cubital fossa	AN (anatomy) 11.1 - 11.5 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis Identify & describe boundaries and contents of cubital fossa	AN (anatomy) 11.1 - 11.5 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis Identify & describe boundaries and contents of cubital fossa	EARLY CLINICAL EXPOSURE CALCIUM RELATED DISORDERS Biochemistry General Medicine- Linker paper case of calcium disorders Orthopaedics Osteoporosis Pediatrics Rickets, Osteomalacia, Tetany	EARLY CLINICAL EXPOSURE CALCIUM RELATED DISORDERS Biochemistry General Medicine- Linker paper case of calcium disorders Orthopaedics Osteoporosis Pediatrics Rickets, Osteomalacia, Tetany

24	Forearm Small Group 10 tables , table teaching Dissection AN (anatomy) 12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN (anatomy) 12.2 to 12.3, Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Identify & describe flexor retinaculum with its attachments	AN (anatomy) 12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions Small Group Teaching	BI (biochemistry) 6.5 Discuss the RDA , dietary sources , biochemical functions of Vitamin C and their role in Health and disease	AN (anatomy) 12.2 to 12.3, Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Identify & describe flexor retinaculum with its attachments	Practical in 3 batches Practical-AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron Practical in 3 batches Practical-AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels Practical-PY (physiology) 2.11 Hemocytometry, Charging the Neubauer Chamber- Revision Practical-BI (biochemistry) 11.6,11.18,11.19 Describe the principles of colorimetry Practical-BI (biochemistry) 11.11 Demonstrate estimation of calcium and phosphorous

25	Small Group 10 tables , table teaching Dissection AN (anatomy) 12.5-12.7 Explain anatomical basis of carpal tunnel syndrome Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved Describe & demonstrate movements of thumb and muscles involved Identify & describe course and branches of important blood vessels and nerves in hand AN (anatomy) 12.8 , 12.9 Describe anatomical basis of Claw hand Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	BI (biochemistry) 6.9 Describe the functions of Zinc & Copper in the body, their metabolism and homeostasis BI (biochemistry) 6.10 Enumerate and describe the disorders associated with Zinc & Copper metabolism	AN (anatomy) 12.4-12.6 Explain anatomical basis of carpal tunnel syndrome Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved Describe & demonstrate movements of thumb and muscles involved	AN (anatomy) 12.7 Identify & describe course and branches of important blood vessels and nerves in hand AN (anatomy) 12.8 , 12.9 Describe anatomical basis of Claw hand Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	Practical in 3 batches Practical in 3 batches Practical-AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron Practical in 3 batches Practical-AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels Practical-PY (physiology) 2.11 Hemocytometry, Charging the Neubauer Chamber- Revision Practical-BI (biochemistry) 11.6,11.18,11.19 Describe the principles of colorimetry Practical-BI (biochemistry) 11.11 Demonstrate estimation of calcium and phosphorous

26	Small Group 10 tables , table teaching Dissection AN (anatomy) 12.11- 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	HEMATOLOGY PY (physiology) 2.1 Introduction to Blood • Composition of blood • Functions of blood •Plasma – Composition; Serum. • Bone marrow Hemopoiesis	AN (anatomy) 12.11- 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	BI (biochemistry) 9.1,9.2,5.1 Describe the structure of collagen & Elastin and the disorders associated with it	Practical in 3 batches Practical in 3 batches Practical-AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron Practical in 3 batches Practical-AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels Practical-PY (physiology) 2.11 Hemocytometry, Charging the Neubauer Chamber- Revision Practical-BI (biochemistry) 11.6,11.18,11.19 Describe the principles of colorimetry Practical-BI (biochemistry) 11.11 Demonstrate estimation of calcium and phosphorous
27	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

28	Small Group 10 tables , table teaching Dissection AN (anatomy) 12.13 to 12.15, 13.3 Describe the anatomical basis of Wrist dropIdentify & describe compartments deep to extensor retinaculum Identify & describe extensor expansion formation Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint	PY (physiology) 2.2 Plasma proteins •Types, Features, Functions, •Plasmapheresis Hypoproteinemia	AN (anatomy) 12.13 to 12.15, 13.1 , Describe the anatomical basis of Wrist drop Identify & describe compartments deep to extensor retinaculum Identify & describe extensor expansion formation Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage	BI (biochemistry) 5.4 Describe the alterations and role of plasma proteins in various diseases VERTICAL INTEGRATION Hypoproteinemia Pediatrics	Practical-PY (physiology) 3.18 (1 hour) Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments Practical-BI (biochemistry) 6.9 & 6.10 Magnesium & Flourine ECE - Examination of patient with edema, (SKILLS LAB) - 1 hr
29	AN (anatomy) 13.5 - 13.6, AN (anatomy) 13.7 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula	AN (anatomy) 15.1-15.5 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions Describe and demonstrate boundaries, floor, roof and contents of femoral triangle Explain anatomical basis of Psoas abscess & Femoral hernia Describe and demonstrate adductor canal with its content	BI (biochemistry) 5.1 BI (biochemistry) 5.2 Describe and discuss structural organization of proteins Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin, myoglobin ECE Lab diagnosis of muscle injury	Dissection AN (anatomy) 14.1 - 14.3 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Describe the importance of ossification of lower end of femur & upper end of tibia	Practical in 3 batches Practical-PY (physiology) 3.18 (1 hour) Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments Practical-BI (biochemistry) 6.9 & 6.10 Magnesium & Flourine ECE - Examination of patient with edema, (SKILLS LAB) - 1 hr

30	Small Group 10 tables , table teaching Dissection AN (anatomy) 16.1 - 16.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign	PY (physiology) 2.4 RBC • Morphology of RBC • RBC count – normal, variations • Variations in size, shape, structure • Life span and destruction of RBCs PCV, ESR	PY (physiology) 2.3 and PY (physiology) 2.4 Haemoglobin Variants of Haemoglobin Erythropoiesis •Definition •Production of red blood cells Sites, stages, regulation	AN (anatomy) 16.1 - 16.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign	Practical in 3 batches Practical-PY (physiology) 3.18 (1 hour) Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments ECE - Examination of patient with edema, (SKILLS LAB) Practical-BI (biochemistry) 6.9 & 6.10 Magnesium & Flourine
31	Small Group 10 tables , table teaching Dissection AN (anatomy) 16.4 to 16.6 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	AN (anatomy) 16.4 to 16.6 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	BI (biochemistry) 6.5 Describe the biochemical role of vitamin B12 in the body and explain the manifestations of their deficiency	SGT in 10 groups BI (biochemistry) 6.5 Describe the biochemical role of vitamin B12 in the body and explain the manifestations of their deficiency	Practical in 3 batches Practical-AN (anatomy) 71.1, 71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure- function correlation of the same Practical-PY (physiology) 2.11 Estimate RBC/ Hb Practical-BI (biochemistry) 11.8, 11.21.11.22 Demonstrate estimation of serum proteins, albumin and A:G ratio Perform estimation of serum proteins

32	Small Group 10 tables , table teaching Dissection AN (anatomy) 17.1 Describe and demonstrate the type, articular surfaces,capsule,synovial membrane,ligaments,relations,movements and muscles involved, blood and nerve supply, bursae around the hip joint	BI (biochemistry) 6.5 Describe the biochemical role of Folic acid in the body and explain the manifestations of their deficiency	AN (anatomy) 17.1 Describe and demonstrate the type, articular surfaces, capsule,synovial membrane,ligaments, relations,movements and muscles involved, blood and nerve supply, bursae around the hip joint	BI (biochemistry) 6.5 Describe the biochemical role of Pyridoxine in the body and explain the manifestations of their deficiency	Practical in 3 batches Practical-AN (anatomy) 71.1 Practical in 3 batches Practical-AN (anatomy) D 71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure- function correlation of the same Practical- PY (physiology) 2.11 Estimate RBC/ Hb Practical-BI (biochemistry) 11.8, 11.21,11.22 Demonstrate estimation of serum proteins, albumin and A:G ratio Perform estimation of serum proteins
33	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

34	Small Group 10 tables , table teaching Dissection AN (anatomy) 18.4 -18.5 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Explain the anatomical basis of locking and unlocking of the knee joint	AN (anatomy) 18.4 -18.5 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Explain the anatomical basis of locking and unlocking of the knee joint	BI (biochemistry) 6.9 BI (biochemistry) 6.10 Describe the functions of Iron in the body, their metabolism and homeostasis Enumerate and describe the disorders associated with iron metabolism	BI (biochemistry) 6.9 BI (biochemistry) 6.10 Describe the functions of Iron in the body, their metabolism and homeostasis Enumerate and describe the disorders associated with iron metabolism	Practical in 3 batches Practical-AN (anatomy) D 71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure- function correlation of the same Practical-PY (physiology) 2.11 Estimate RBC/ Hb Practical-BI (biochemistry) 11.8, 11.21, 11.22 Demonstrate estimation of serum proteins, albumin and A:G ratio Perform estimation of serum proteins
35	Small Group 10 tables , table teaching Dissection AN (anatomy) 18.1-18.3 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Explain the anatomical basis of foot drop	VERTICAL INTEGRATION Anemia Physiology: Definition, classification, Types – Iron deficiency anemia, Megaloblastic anemia Pathology & Biochemistry: Pathogenesis, Blood Indices, Investigations in anemia General Medicine: Clinical features, treatment of anemia OBG: Anemia in pregnancy	VERTICAL INTEGRATION Anemia Physiology: Definition, classification, Types – Iron deficiency anemia, Megaloblastic anemia Pathology & Biochemistry: Pathogenesis, Blood Indices, Investigations in anemia General Medicine: Clinical features, treatment of anemia OBG: Anemia in pregnancy	AN (anatomy) 18.1-18.3 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Explain the anatomical basis of foot drop	BI (biochemistry) 6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism. Practical-BI (biochemistry) 6.11 Describe porphyrin metabolism

36	Small Group 10 tables , table teaching Dissection AN (anatomy) 19.1-19.3 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg Explain the concept of “Peripheral heart”	PY (physiology) 2.6 Describe WBC formation (granulopoiesis) and its regulation	AN (anatomy) 19.1-19.3 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg Explain the concept of “Peripheral heart”	COMMUNITY MEDICINE CM 1.4 Describe and discuss the natural history of disease	AETCOM 1.1 What does it mean to be a doctor ? CM 1.9 Demonstrate the important aspects of the doctor patient relationship in a simulated environment
37	PY (physiology) 2.10 Immunity Introduction, Types(Innate & Acquired), Examples Antigens Histocompatibility antigens	BI (biochemistry) 10.3, 10.4 Immunoglobulins Describe the cellular and humoral components of the immune system & describe the types and structure of antibody	BI (biochemistry) 10.5 Describe antigens and concepts involved in vaccine development	EARLY CLINICAL EXPOSURE - PHYSIOLOGY Immunity, Graft Rejection, Immunisation schedule, allergy (250 students in 3 batches on same day).	EARLY CLINICAL EXPOSURE - Immunity, Graft Rejection, Immunisation schedule, allergy (250 students in 3 batches on same day).

38	Small Group 10 tables , table teaching Dissection AN (anatomy) 14.4 Identify and name various bones in the articulated foot with individual muscle attachment	AN (anatomy) 14.4 Identify and name various bones in the articulated foot with individual muscle attachment Small Group teaching in Dissection Lab	AETCOM1.1 What does it mean to be a doctor ?	AETCOM1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy) 70.1 - 70.2 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function Practical-PY (physiology) 2.11 Estimate RBC/ Hb Revision Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in serum protein electrophoresis
39	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
40	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.6, AN (anatomy) 1.2 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Bone composition and bone marrow	PY (physiology) 2.7 Describe the formation of platelets, functions and variations	PY (physiology) 2.13 Describe steps for reticulocyte and platelet count (PATHOLOGY)	BI (biochemistry) 6.5 Describe the biochemical role of Vitamin-K in the body and explain the manifestations of their deficiency Enumerate the anticoagulants and their mechanism of action	Practical in 3 batches Practical-AN (anatomy) 70.1 - 70.2 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function Practical-PY (physiology) 2.11 Estimate RBC/ Hb Revision Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in serum protein electrophoresis

41	Small Group 10 tables , table teaching Dissection AN (anatomy) 19.5 Describe factors maintaining importance arches of the foot with its importance	PY (physiology) 2.8 Describe the physiological basis of hemostasis and, anticoagulants.	PHYSIOLOGY SDL : PY (physiology) 2.8 . Describe bleeding & clotting disorders (Hemophilia, purpura)	AN (anatomy) 19.5 Describe factors maintaining importance arches of the foot with its importance	Practical in 3 batches Practical-AN (anatomy) 70.1 - 70.2 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function Practical-PY (physiology) 2.11 Estimate RBC/ Hb Revision Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in serum protein electrophoresis
42	Small Group 10 tables , table teaching Dissection AN (anatomy) 20.1, Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint.	AN (anatomy) 20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	BI (biochemistry) 3.4 BI (biochemistry) 3.5 Introduction to metabolism, Describe and discuss the basis for regulation of metabolism	BI (biochemistry) 4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.	250 students split in 2 departments BI (biochemistry) OCHEM - T1 Revision Practical- PY (physiology) 2.11 Estimate TLC

43	Small Group 10 tables , table teaching Dissection - AN (anatomy) 20.6, 20.7 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, -Tibial tuberosity, head of fibula, -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular 20.8,20.9 Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial & dorsalis pedis blood vessels in a simulated environment Identify & demonstrate Palpation of vessels (femoral, popliteal, dorsalis pedis,post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins	AN (anatomy) 20.3, 20.5 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb , Explain anatomical basis of varicose veins and deep vein thrombosis	PY (physiology) 2.9 Blood groups Landsteiner's law Blood group systems – ABO system, Rh system, Bombay blood groups Blood grouping – clinical applications Rh incompatibility Blood Transfusion – Indications, whole and component transfusion, collection & storage of blood, Precautions, Complications of mismatched transfusion	COMMUNITY MEDICINE CM 1.5 Describe the application of interventions at various levels of prevention	250 students split in 2 departments BI (biochemistry) OCHEM - T2 Revision Practical- PY (physiology) 2.11 Estimate TLC
44	BI (biochemistry) 3.4 BI (biochemistry) 3.5 Define and discuss the regulation, functions along with associated diseases/disorders of Glycolysis & RL shunt	BI (biochemistry) 3.4 BI (biochemistry) 3.5 Define and discuss the regulation, functions along with associated diseases/disorders of HMP pathway	EARLY CLINICAL EXPOSURE AN (anatomy) DVT, Varicose Veins	EARLY CLINICAL EXPOSURE AN (anatomy) DVT, Varicose Veins	COMMUNITY MEDICINE CM 1.4 Describe and discuss the natural history of disease
45	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

46	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
47	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
48	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
49	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
50	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
51	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
52	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION

53	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
54	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
55	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
56	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment IA - 1 DAY 1
57	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
60	Practical Revision for Internal assessment	Practical Revision for Internal assessment	Practical Revision for Internal assessment	Practical Revision for Internal assessment	Practical Revision for Internal assessment
58	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment IA 1 - DAY 1
59	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment IA 1. - DAY 1
61	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1
62	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2
63	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
64	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3
65	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4

66	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5
67	Small Group 10 tables , table teaching Dissection AN (anatomy) 28.1-28.10 Small Group 10 tables , table teaching Dissection muscles, vessels, nerves of face, facial palsy and cervical lymph nodes	PY (physiology) 4.1 Describe the structure and functions of digestive system	AN (anatomy) 28.1-28.10 Describe the muscles, vessels, nerves of face, facial palsy and cervical lymph nodes	AETCOM 1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy) 26.1- 26.4 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull, Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis Describe cranial cavity, its subdivisions, foramina and structures passing through them Describe morphological features of mandible Practical- PY (physiology) 2.11Blood grouping, BT & CT Practical-BI (biochemistry) 11.13,11.14,2.2 Demonstrate the estimation of SGOT/ SGPT, ALP

68	Small Group 10 tables , table teaching Dissection AN (anatomy) 28.1-28.10 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance Frey's syndrome	AN (anatomy) 28.9, 28.10 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance Frey's syndrome	AN (anatomy) 34.1 & 34.2 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion Describe the basis of formation of submandibular stones	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva	Practical in 3 batches Practical-AN (anatomy)26.1- Practical in 3 batches Practical-AN (anatomy) 26.4 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull, Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis Describe cranial cavity, its subdivisions, foramina and structures passing through them Describe morphological features of mandible Practical- PY (physiology) 2.11Blood grouping, BT & CT Practical-BI (biochemistry) 11.13,11.14,2.2 Demonstrate the estimation of SGOT/ SGPT, ALP
69	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

70	Small Group 10 tables , table teaching Dissection AN (anatomy) 34.1 & 34.2 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion Describe the basis of formation of submandibular stones saliva - functions, composition, regulation	AN (anatomy) 36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate	AN (anatomy) 36.2-36.5 Describe the components and functions of Waldeyer's lymphatic ring Describe the boundaries and clinical significance of pyriform fossa Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess Describe the clinical significance of Killian's dehiscence	AETCOM 1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy) 26.1- 26.4 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull, Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis Describe cranial cavity, its subdivisions, foramina and structures passing through them Describe morphological features of mandible Practical- PY (physiology) 2.11Blood grouping, BT & CT Practical-BI (biochemistry) 11.13,11.14,2.2 Demonstrate the estimation of SGOT/ SGPT, ALP
71	Small Group 10 tables , table teaching Dissection AN (anatomy) 36.1,AN (anatomy) 36.2-36.5 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate Describe the components and functions of Waldeyer's lymphatic ring Describe the boundaries and clinical significance of pyriform fossa Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess Describe the clinical significance of Killian's dehiscence	Tongue AN (anatomy) 39.1 & 39.2 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue Explain the anatomical basis of hypoglossal nerve palsy	AETCOM 1.1 What does it mean to be a doctor ?	AN (anatomy) 23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	General Embryology AN (anatomy) 80.1 to 80.7 and 81.1 to 81.3 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua Describe formation & structure of umbilical cord Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier Describe embryological basis of twinning in monozygotic & dizygotic twins Describe role of placental hormones in uterine growth & parturition Explain embryological basis of estimation of fetal age. Describe various types of umbilical cord attachments Describe various methods of prenatal diagnosis Describe indications, process and disadvantages of amniocentesis Describe indications, process and disadvantages of chorion villus

72	Small Group 10 tables , table teaching Dissection AN (anatomy) 39.1 & 39.2 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue Explain the anatomical basis of hypoglossal nerve palsy	AN (anatomy) 33.1 - 33.5 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type & movements of temporomandibular joint Explain the clinical significance of pterygoid venous plexus Describe the features of dislocation of temporomandibular joint	AN (anatomy) 33.1 - 33.5 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type & movements of temporomandibular joint Explain the clinical significance of pterygoid venous plexus Describe the features of dislocation of temporomandibular joint	VERTICAL INTEGRATION AN (anatomy) Pathology - submandibular stones ENT - Tonsils, adenoids	General Embryology 3rd to 8th week devolopement General Embryology AN (anatomy) 79.1 to 79.6 , Describe the formation & fate of the primitive streak . Describe formation & fate of notochord Describe the process of neurulation Describe the development of somites and intra-embryonic coelom Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha fetoprotein

73	Small Group 10 tables , table teaching Dissection - AN (anatomy) 33.1 - 33.5 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type & movements of temporomandibular joint Explain the clinical significance of pterygoid venous plexus Describe the features of dislocation of temporomandibular joint	PY (physiology) 4.3 Mastication, Deglutition,	COMMUNITY MEDICINE 1.7 Enumerate and describe health indicators	COMMUNITY MEDICINE 1.7 Enumerate and describe health indicators	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 Describe the preparation of buffers and estimation of pH

74	Small Group 10 tables , table teaching Dissection - AN (anatomy) 44.1 - 44.7 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall Describe the formation of rectus sheath and its contents Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Explain the anatomical basis of inguinal hernia	AN (anatomy) 44.1-44.7 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall Describe the formation of rectus sheath and its contents Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Explain the anatomical basis of inguinal hernia	AN (anatomy) 44.1-44.7 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall Describe the formation of rectus sheath and its contents Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Explain the anatomical basis of inguinal hernia	AETCOM 1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 Describe the preparation of buffers and estimation of pH
75	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

76	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5, AN (anatomy) 23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus Describe & demonstrate stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Describe & demonstrate jejunum, ileum, appendix and parts of colon	AN (anatomy) 47.1 - 47.4 Peritoneum Describe & identify boundaries and recesses of Lesser & Greater sac Name & identify various peritoneal folds & pouches with its explanation Explain anatomical basis of Ascites & Peritonitis Explain anatomical basis of Subphrenic abscess	Physiology PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of gastric secretion	AN (anatomy) 47.5, Describe & demonstrate stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Describe & demonstrate jejunum, ileum, appendix and parts of colon	" Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 - Describe the preparation of buffers and estimation of pH "
77	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PHYSIOLOGY SDL : PY (physiology) 4.2 Vomiting	AN (anatomy) 47.5 Describe & demonstrate duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of SMALL INTESTINAL secretions Constipation, Diarrhea, Adynamic ileus, Megacolon	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 Describe the preparation of buffers and estimation of pH

78	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate intestines under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN (anatomy) 47.5 Describe & demonstrate intestines under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of small and large intestinal secretions	BI (biochemistry) 3.2,3.3 Describe and discuss the digestion and assimilation of carbohydrates from food.	Biochemistry - A linker of a case of LACTOSE INTOLER Practical in 3 batches Practical-AN (anatomy) CE , CROHN DISEASE, TROPICAL SPRUE SDL Physiology -Dietary Fibers
79	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate rectum and anal canal under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	BI (biochemistry) 4.2 Describe and discuss the digestion and assimilation of lipids from food.	AN (anatomy) 47.5 Describe & demonstrate rectum and anal canal under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.3 Describe small and large intestinal movements; defecation reflex.	Biochemistry - A linker of a case of LACTOSE INTOLER Practical in 3 batches Practical-AN (anatomy) CE , CROHN DISEASE, TROPICAL SPRUE SDL Physiology -Dietary Fibers
80	VERTICAL INTEGRATION PEPTIC ULCER - Anatomy 1 hr Pathology Pharmacology	VERTICAL INTEGRATION PEPTIC ULCER - Physiology 1hr General Medicine MGE	Community medicine 1.6 Describe and discuss the concepts, the principles of health promotion and Education, IEC and Behavioral change communication (BCC).	Early clinical exposure PHYSIOLOGY 1.H-Pylori Microbiology 2.Endoscopy 3.Museum specimens - Pathology Gastric Motility Disorders (PY (physiology) 4.8) Endoscopy, Esophageal manometry (PY (physiology) 4.8)	Early clinical exposure 1.H Practical-PY (physiology) LORI Microbiology 2.ENDOSCOPractical- PY (physiology) MGE 3.Museum specimens - Pathology Gastric Motility Disorders (Practical-PY (physiology) 4.8) Endoscopy, Esophageal manometry (Practical- PY (physiology) 4.8)
81	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

82	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN (anatomy) 47.5 Describe & demonstrate pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juice	General Embryology AN (anatomy) 78.1 to 78.5 , Describe cleavage and formation of blastocyst Describe the development of trophoblast Describe the process of implantation & common abnormal sites of implantation Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate Describe in brief abortion; decidual reaction, pregnancy test	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Duodenum, Jejunum, Ileum, Large intestine, Appendix. Practical- PY (physiology) 2.11 Estimate DLC Practical BI (biochemistry) 11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.
83	Lecture : PY (physiology) 6.2 Mechanics of normal respiration, pressure changes during ventilation	Community Medicine 1.6 Introduction to primary health care	Community medicine Measures of dispersion	Lecture : PY (physiology) IA Paper Disscussion	Lecture : AN (anatomy) Paper Explanation
84	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 37.1 Describe and demonstrate features of nasal septum lateral wall of nose their blood supply nerve supply	AN (anatomy) 37.1 Describe and demonstrate features of nasal septum lateral wall of nose their blood supply nerve supply	Community medicine 1.8 Describe the Demographic profile of India and discuss its impact on health	Community medicine Introduction to basic bio statistics	Practical in 3 batches Practical-AN (anatomy) 26.2 osteology of skull - norma frontalis Practical- PY (physiology) 11.13 Introduction to Clinical Physiology, General Examination Practical-BI (biochemistry) 11.3 Describe the chemical components of normal urine

85	AN (anatomy) 37.1 Describe and demonstrate features of nasal septum lateral wall of nose their blood supply nerve supply	PY (physiology) 4.4 Digestion & Absorption of water, minerals and vitamins	VERTICAL INTEGRATION Exocrine - pancreatic juice INTEGRATION: linker of a case of ACUTE Pancreatitis 1.Biochemistry - PcFT 2. Radiology - IMAGING - Best imaging modality 3. General Medicine 4.SURGERY	VERTICAL INTEGRATION Exocrine - pancreatic juice INTEGRATION: linker of a case of ACUTE Pancreatitis 1.Biochemistry - PcFT 2. Radiology - IMAGING - Best imaging modality 3. General Medicine 4.SURGERY	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Duodenum, Jejunum, Ileum, Large intestine, Appendix. Practical- PY (physiology) 2.11 Estimate DLC 11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.
86	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe & demonstrate liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.5 & 4.6 Describe the source of GIT hormones, their regulation and functions Describe the Gut-Brain Axis	Biochemistry & EARLY CLINICAL EXPOSURE GLUTEN ENTEROPATHY, DIETARY FIBRE, COLON C AN (anatomy) CER, MALABSORPTION SYNDROME (Videos, pictures, charts)	AN (anatomy) 47.5 Describe & demonstrate liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Duodenum, Jejunum, Ileum, Large intestine, Appendix. Practical- PY (physiology) 2.11 Estimate DLC 11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.
87	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

88	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 -47.7 Describe & demonstrate extrahepatic biliary apparatus Mention the clinical importance of Calot's triangle	PY (physiology) 4.7 Describe & discuss the structure and functions of liver and gall bladder	BI (biochemistry) Describe bilirubin metabolism and explain the significance of uronic acid pathway	AN (anatomy) 47.5 -47.7 Describe & demonstrate extrahepatic biliary apparatus Mention the clinical importance of Calot's triangle	Practicals Practical- PY (physiology) 2.11 Estimate DLC Revision Practical-PY (physiology) 4.1 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment
89	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.8 - 47.11 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Enumerate the sites of portosystemic anastomosis Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in Jaundice	BI (biochemistry) 6.13,6.14,6.15, 4.8 Describe the functions of the Liver Describe the tests that are commonly done in clinical practice to assess the functions of Liver	AN (anatomy) 47.8 - 47.11 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Enumerate the sites of portosystemic anastomosis Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	Practical- PY (physiology) 2.11 Estimate DLC Revision Practical-PY (physiology) 4.1 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment SEMINAR

90	BI (biochemistry) 7.5 Describe the role of xenobiotics in disease Enumerate and discuss the different types of phases of Detoxification	AN (anatomy) 45.1 - 45.3, 47.12 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & branches Mention the major subgroups of back muscles, nerve supply and actio Describe important nerve plexuses of posterior abdominal wall	BI (biochemistry) Describe alcohol metabolism and the biochemical aspects of fatty liver	BI (biochemistry) VERTICAL INTEGRATION Linker case of JAUNDICE - General Medicine - Pediatrics - Gen Surgery	PRACTICALS ASSESSMENT - OSPE (All 3 departments)
91	BI (biochemistry) 3.4 Define and explain the metabolism of glycogen	BI (biochemistry) 3.4 Explain the regulation of glycogen metabolism and its associated disorders	AN (anatomy) 52.4 , 52.6 Describe the development of anterior abdominal wall Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	AN (anatomy) 45.1 - 45.3 , 47.12 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & branches Mention the major subgroups of back muscles, nerve supply and actio Describe important nerve plexuses of posterior abdominal wall	Lecture in 3 batches AN (anatomy) 45.1 - 45.3, 47.12 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & branches Mention the major subgroups of back muscles, nerve supply and actio Describe important nerve plexuses of posterior abdominal wall
92	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

93	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 54.2, 55.1, 55.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	Lecture : AN (anatomy) 54.2, 5.1,55.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery "	Lecture : AN (anatomy) 54.2,AN (anatomy) 55.1 - AN (anatomy) 55.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery "	BI (biochemistry) 3.4 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation.	BI (biochemistry) 3.4 Define and explain the metabolic pathway of gluconeogenesis
94	RS PY (physiology) 6.1 Functional anatomy of respiratory tract	COMMUNITY MEDICINE 1.8 Tests of significance	Community medicine Measures of central tendency calculation	PY (physiology) Paper Explanation	Lecture : AN (anatomy) Paper Explanation

95	COMMUNITY MEDICINE 1.8 Sampling frame, sampling techniques and sample size calculation	COMMUNITY MEDICINE 1.8 Sampling frame, sampling techniques and sample size calculation	BI (biochemistry) Paper Explanation	BI (biochemistry) Paper Explanation	PY (physiology) Paper Explanation
96	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
97	Foundation Course / PTM	Foundation Course / PTM	Foundation Course / PTM	Foundation Course / PTM	Foundation Course / PTM
98	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 37.2, 37.3 Function and location of paranasal sinuses Sinusitis and maxillary sinus tumors	AN (anatomy) 37.2 AN (anatomy) 37.3 Function and location of paranasal sinuses Sinusitis and maxillary sinus tumors	Early clinical exposure AN (anatomy) WITH ENT SINUSITIS	PY (physiology) 6.2 Compliance, airway resistance	Practical in 3 batches Practical-AN (anatomy) 26.2 osteology of skull - norma frontalis Practical- PY (physiology) 11.13 Introduction to Clinical Physiology, General Examination Practical-BI (biochemistry) 11.3 Describe the chemical components of normal urine
99	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 38.1 Morphology structure, wall, nerve supply, blood supply, intrinsic and extrinsic muscles of larynx	PY (physiology) 6.2 Lung volume and capacities	PY (physiology) 6.2 Ventilation, V/P ratio and diffusion capacity of lung	AN (anatomy) 38.1 Morphology structure, wall, nerve supply, blood supply, intrinsic and extrinsic muscles of larynx	Practical in 3 batches Practical-AN (anatomy) 26.2 osteology of skull - norma frontalis Practical- PY (physiology) 11.13 Introduction to Clinical Physiology, General Examination Practical-BI (biochemistry) 11.3 Describe the chemical components of normal urine

100	BI (biochemistry) 8.1 Discuss the importance of various dietary components and explain importance of dietary fibre	AN (anatomy) .38.2 Anatomical aspect of laryngitis Anatomical basis of recurrent laryngeal nerve injury	Early clinical exposure SKILLS LAB LMA	Early clinical exposure SKILLS LAB LMA	Physiology Skills Lab Anatomical Landmarks in examination of RS BI (biochemistry) Tutorials / SDL
101	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 21.1 to 21.5 Sternum, typical rib, 1st rib, typical thoracic vertebrae, 2nd,11th, 12th ribs,1st, 11th and 12th thoraci vertebrae, thoracic inlet outlet boundaries, intercostal muscles attachments, direction, nerve supply	AN (anatomy) 21.1 to 21.5 Sternum, typical rib, 1st rib, typical thoracic vertebrae, 2nd,11th, 12th ribs,1st, 11th and 12th thoraci vertebrae, thoracic inlet outlet boundaries, intercostal muscles attachments, direction, nerve supply	BI (biochemistry) 8.2 Early Clinical Exposure PEM ALONG WITH PEDIATRICS & COMMUNITY MEDICINE	Early Clinical exposure BI (biochemistry) 8.2 PEM ALONG WITH PEDIATRICS & COM. MED.	Physiology Skills Lab Anatomical Landmarks in examination of RS BI (biochemistry) Tutorials / SDL
102	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
103	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 21.6 to 21.11 ICN typical Internal thoracic vessels Anterior and posterior intercostal vessels atypical intercostal nerve, superior intercostal artery movements of joints of thoracic cage types of respiration boundaries of mediastinum	AN (anatomy) 21.6 to 21.11 ICN typical Internal thoracic vessels Anterior and posterior intercostal vessels atypical intercostal nerve, superior intercostal artery movements of joints of thoracic cage types of respiration boundaries of mediastinum	PY (physiology) 6.3 Transport of respiratory gases- oxygen and carbon dioxide	PY (physiology) 6.3 Transport of respiratory gases- oxygen and carbon dioxide	Early Clinical Exposure Physiology and Biochemistry ABG ODC curve and charts of RS

104	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.13 Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.14 Attachments opening nerve supply actions of thoracoabdominal diaphragm Abnormal openings of diaphragm and diaphragmatic hernia	AN (anatomy) 47.13 AN (anatomy) 47.14 Attachments opening nerve supply actions of thoracoabdominal diaphragm Abnormal openings of diaphragm and diaphragmatic hernia	BI (biochemistry) 6.12 Describe the derivatives of haemoglobin found in the body and their physiological/ pathological relevance	PY (physiology) 6.11 Discuss the regulation of respiration - neural	Practical in 3 batches Practical-AN (anatomy) 25.1 Histology of lungs and trachea Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of pleural reflection, Lung borders and fissures, Trachea Practical- PY (physiology) 6.9 Clinical Examination of RS Practical-BI (biochemistry) 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders
105	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 24.6 Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 24.1 Extent, length,relations,blood supply, lymphatic drainage, nerve supply of trachea Extent ,blood supply, nerve supply, of pleura, pleural recesses and applied anatomy	AN (anatomy) 24.6 AN (anatomy) 24.1 Extent, length,relations, blood supply, lymphatic drainage, nerve supply of trachea Extent ,blood supply, nerve supply, of pleura, pleural recesses and applied anatomy	PY (physiology) 6.11 Discuss the regulation of respiration - Chemical	PY (physiology)6.6 Early clinical exposure PHYSIOLOGY Charts, videos, recordings Dyspnoea, pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning and periodic breathing	Practical in 3 batches Practical-AN (anatomy) 25.1 Histology of lungs and trachea Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of pleural reflection, Lung borders and fissures, Trachea Practical- PY (physiology) 6.9 Clinical Examination of RS Practical-BI (biochemistry) 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders

106	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 24.2 to 24.5. Side, external features relation root of lungs,bronchial tree, bronchopulmonary segment,clinical aspect blood supply lymphatic drainage of lungs phrenic nv formation distribution	PHYSIOLOGY SDL : PY (physiology) 6.5 Principles of artificial respiration, oxygen therapy	AN (anatomy) 24.2 to 24.5 Side, external features relation root of lungs, bronchial tree, bronchopulmonary segment,clinical aspect blood supply lymphatic drainage of lungs phrenic nerve formation distribution	AN (anatomy) 25.2 Development of lungs, thoracoabdominal diaphragm	Practical in 3 batches Practical-AN (anatomy) 25.1 Histology of lungs and trachea Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of pleural reflection, Lung borders and fissures, Trachea Practical- PY (physiology) 6.9 Clinical Examination of RS Practical-BI (biochemistry) 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders
107	PY (physiology) 6.7 Lung function tests and their clinical significance	BI (biochemistry) 5.5 BI (biochemistry) 2.7 Acute phase reactants Enumerate the acute phase reactants and describe their alterations and role in various diseases Ex: Emphysema	PY (physiology) 6.4 PY (physiology) 6.5 High altitude and deep sea physiology, acclimatization and decompression sickness	PY (physiology) 6.8 Demonstrate the correct technique to perform and interpret spirometry.	Practical- PY (physiology) 6.8 Demonstrate the correct technique to perform & interpret Spirometry ECE-TRACHEOSTOMY/ICTD

108	BI (biochemistry) 8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance)	SGT in 10 groups BI (biochemistry) 8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity	Community Medicine 2.3, 2.4 Scope of Psychology, community behavior and barriers of good health and health seeking behaviour	Community Medicine 2.5 Social security, poverty and its relation to health and disease	Practical- PY (physiology) 6.8 Demonstrate the correct technique to perform & interpret Spirometry ECE-TRACHEOSTOMY/ICTD
109	AETCOM 1.2 What does it mean to be a patient ?	VERTICAL INTEGRATION NUTRITION BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy Biochemistry, Pediatrics, Community Medicine, Critical care	VERTICAL INTEGRATION NUTRITION Biochemistry, Pediatrics, Community Medicine, Critical care	AETCOM 1.2 What does it mean to be a patient ?	AETCOM 1.2 What does it mean to be a patient ?

110	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 23.3,21.11 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	CVS PY (physiology) 5.1 Describe the functional anatomy of heart including chambers, sounds	BI (biochemistry) 4.1,4.2 Describe the beta oxidation of FA	AN (anatomy) 23.3,21.11 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	Practical in 3 batches Practical-AN (anatomy) 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of Heart borders, Apex beat & Surface projection of valves of heart Practical- PY (physiology) 6.10 Demonstrate the correct technique to perform respiratory efficiency test & PEFR - ECE Practical-BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy

111	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	AN (anatomy) 22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	PY (physiology) 5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	BI (biochemistry) 4.1,4.2 Discuss the disorders of FA oxidation Explain an overview of FA synthesis	Practical in 3 batches Practical-AN (anatomy) 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of Heart borders, Apex beat & Surface projection of valves of heart Practical- PY (physiology) 6.10 Demonstrate the correct technique to perform respiratory efficiency test & PEFR - ECE Practical-BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy

112	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 22.2 Describe & demonstrate external and internal features of each chamber of heart 22.6 Describe the fibrous skeleton of heart	PY (physiology) 5.4 Describe generation, conduction of cardiac impulse PY (physiology) 5.1 Pacemaker tissue and conducting system	AN (anatomy) 22.2 Describe & demonstrate external and internal features of each chamber of heart AN (anatomy) 22.6 Describe the fibrous skeleton of heart	BI (biochemistry) 4.1,4.2 Describe the structure, functions and synthesis of cholesterol metabolism	Practical in 3 batches Practical-AN (anatomy) 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of Heart borders, Apex beat & Surface projection of valves of heart Practical- PY (physiology) 6.10 Demonstrate the correct technique to perform respiratory efficiency test & PEFR - ECE Practical-BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy
113	BI (biochemistry) 4.1,4.2,4.7 Describe the structure, functions and synthesis of cholesterol metabolism and associated disorders	PY (physiology) 5.3 Discuss the events occurring during the cardiac cycle	PY (physiology) 5.3 Discuss the events occurring during the cardiac cycle	AN (anatomy) REVISION OSTEOLOGY	PRACTICALS Practical- PY (physiology) 6.9 Clinical Examination of RS - Revision Practical-BI (biochemistry) 11.9 Demonstrate the estimation of serum total cholesterol and HDL- cholesterol, TRIGLYCERIDES

114	PY (physiology) 5.8 PY (physiology) 5.9 Heart Rate and Regulation	PY (physiology) 5.8 PY (physiology) 5.9 Heart Rate and Regulation	COMMUNITY MEDICINE 2.1 Describe social, cultural factors in health and disease	COMMUNITY MEDICINE 2.1 Describe social, cultural factors in health and disease	PRACTICALS Practical- PY (physiology) 6.9 Clinical Examination of RS - Revision Practical-BI (biochemistry) 11.9 Demonstrate the estimation of serum total cholesterol and HDL- cholesterol, TRIGLYCERIDES
115	Early clinical exposure ATHEROSCLEROSIS BI (biochemistry) 4.3 Explain the metabolism and the regulation of Lipoproteins	BI (biochemistry) 4.5 BI (biochemistry) 4.4 Describe the structure and functions of lipoproteins and their interrelations and relations with atherosclerosis Discuss hyperlipidemia and lipid storage disorders Interpret laboratory results of analytes associated with metabolism of lipids	PY (physiology) 5.7 Describe and discuss haemodynamics of circulatory system	AETCOM 1.2 What does it mean to be a patient ?	AETCOM 1.2 What does it mean to be a patient ?

					Practical in 3 batches Practical-AN (anatomy) 67.1 Describe & identify various types of muscle under the microscope Practical in 3 batches Practical-AN (anatomy) 69.1 Identify elastic & muscular blood vessels, capillaries under the microscope
116	PY (physiology) 5.8 & PY (physiology) 5.9 Cardiac output	PHYSIOLOGY SDL : PY (physiology) 5.8 & PY (physiology) 5.9 Cardiac output Calculation of output	BI (biochemistry) 4.1,4.2 Describe the functions and metabolic role of TGL Discuss the metabolism and regulation of adipose tissue	Early clinical exposure - Physiology Hypertension Clinic Visit Effects of Yoga on HT - Lecture	Practical- PY (physiology) 5.15 Clinical Examination of CVS Practical-BI (biochemistry) 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents

117	BI (biochemistry) 41,4.2 Discuss the metabolism and disorders of ketone bodies	PY (physiology) 5.7 Hemodynamics	PY (physiology) 5.9 Describe the factors affecting BP regulation of blood pressure	Early clinical exposure - Physiology Hypertension Clinic Visit Effects of Yoga on HT - Lecture	Practical in 3 batches Practical-AN (anatomy) 67.1 Describe & identify various types of muscle under the microscope Practical in 3 batches Practical-AN (anatomy) 69.1 Identify elastic & muscular blood vessels, capillaries under the microscope Practical- PY (physiology) 5.15 Clinical Examination of CVS Practical-BI (biochemistry) 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents

118	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 22.3 Describe & demonstrate origin, course and branches of coronary arteries 22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus 22.4 Describe anatomical basis of ischaemic heart disease 22.7 Mention the parts, position and arterial supply of the conducting system of heart	AN (anatomy) 22.3 Describe & demonstrate origin, course and branches of coronary arteries AN (anatomy) 22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus AN (anatomy) 22.4 Describe anatomical basis of ischaemic heart disease AN (anatomy) 22.7 Mention the parts, position and arterial supply of the conducting system of heart	BI (biochemistry) Describe the metabolism of arginine and NO	PY (physiology) 5.10 Describe & discuss regional circulation including coronary, cerebral, pulmonary and splanchnic circulation	Practical in 3 batches Practical-AN (anatomy) 67.1 Describe & identify various types of muscle under the microscope 69.1 Identify elastic & muscular blood vessels, capillaries under the microscope Practical- PY (physiology) 5.15 Clinical Examination of CVS Practical-BI (biochemistry) 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents

119	PY (physiology) 5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	Early clinical Exposure Coronary Artery Disease PY (physiology) 5.6 BI (biochemistry) 2.5 BI (biochemistry) 2.7 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction Describe and discuss the clinical utility of serum cardiac enzymes and proteins as markers in cardiac pathological conditions Interpret laboratory results of cardiac enzyme activities	Early clinical Exposure Coronary Artery Disease PY (physiology) 5.6 BI (biochemistry) 2.5 BI (biochemistry) 2.7 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction Describe and discuss the clinical utility of serum cardiac enzymes and proteins as markers in cardiac pathological conditions Interpret laboratory results of cardiac enzyme activities	Early clinical Exposure Coronary Artery Disease PY (physiology) 5.6 BI (biochemistry) 2.5 BI (biochemistry) 2.7 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction Describe and discuss the clinical utility of serum cardiac enzymes and proteins as markers in cardiac pathological conditions Interpret laboratory results of cardiac enzyme activities	PRACTICALS Practical- PY (physiology) 5.15 Clinical Examination of CVS - Revision SKILLS LAB VISIT - SIMM Practical in 3 batches Practical-AN (anatomy) 2 Auscultation of CVS ECG Rhythms Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DYSLIPIDEMIA,MYOCARDIAL INFARCTION

120	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 23.2Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy 23.3Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins 23.4Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	BI (biochemistry) 5.4 Describe and discuss the metabolism of sulphur containing amino acids	AN (anatomy) 23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy AN (anatomy) 23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins AN (anatomy) 23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	Community medicine 2.2 Type of family and role of family in health and disease	PRACTICALS Practical- PY (physiology) 5.15 Clinical Examination of CVS - Revision SKILLS LAB VISIT - SIMM Practical in 3 batches Practical-AN (anatomy) 2 Auscultation of CVS Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DYSLIPIDEMIA,MYOCARDIAL INFARCTION

121	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 23.5 Identify & Mention the location and extent of thoracic sympathetic chain 23.6 Describe the splanchnic nerves 23.7 Mention the extent, relations and applied anatomy of lymphatic duct	AN (anatomy) 23.5 Identify & Mention the location and extent of thoracic sympathetic chain AN (anatomy) 23.6 Describe the splanchnic nerves AN (anatomy) 23.7 Mention the extent, relations and applied anatomy of lymphatic duct	BI (biochemistry) 5.4 Describe and discuss the metabolism of sulphur containing amino acids	PY (physiology) 5.10 Describe & discuss regional circulation including microcirculation lymphatic circulation, capillary, skin	PY (physiology) 5.11 Describe the patho-physiology of shock, syncope and heart failure
122	Early Clinical exposure PY (physiology) 5.11 Describe the patho-physiology of shock, syncope and heart failure Charts Crosswords SKILLS LAB - Hemodynamic Monitoring	Early Clinical exposure PY (physiology) 5.11 Describe the patho-physiology of shock, syncope and heart failure Charts Crosswords SKILLS LAB - Hemodynamic Monitoring	PY (physiology) 5.10 Describe & discuss regional circulation including fetal circulation	AN (anatomy) 25.3 Describe fetal circulation and changes occurring at birth	REVISION Practical- PY (physiology) 5.12 Recording of Blood Pressure Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine

123	AETCOM 1.2 What does it mean to be a patient ? CM 1.9 Demonstrate the important aspects of the doctor patient relationship in a simulated environment	AETCOM 1.2 What does it mean to be a patient ? CM 1.9 Demonstrate the important aspects of the doctor patient relationship in a simulated environment	AN (anatomy) 25.4 Describe embryological basis of: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo-oesophageal fistula	AN (anatomy) 25.4 Describe embryological basis of: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo-oesophageal fistula	REVISION Practical- PY (physiology) 5.12 Recording of Blood Pressure Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine
124	BI (biochemistry) 5.4 DISCUSS THE METABOLISM OF AROMATIC AMINO ACIDS & ITS ASSOCIATED DISORDERS	BI (biochemistry) 5.4 DISCUSS THE METABOLISM OF AROMATIC AMINO ACIDS & ITS ASSOCIATED DISORDERS	Early clinical exposure AN (anatomy) CONGENITAL AN (anatomy) OMALIES AN (anatomy) 25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	Early clinical exposure AN (anatomy) Dissection AN (anatomy) 25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	PRACTICALS Practical- PY (physiology) 5.12 Recording of Blood Pressure (Revision) Practical-BI (biochemistry) 11.5 Describe the use of paper chromatography

125	BI (biochemistry) 5.4 DISCUSS METABOLISM OF GLYCINE & ITS CLINICAL IMPORT AN (anatomy) CE	BI (biochemistry) 5.4 METABOLISM OF BR AN (anatomy) CHED CHAIN AMINOACIDS AN (anatomy) D ITS ASSOCIATED DISORDERS	Early Clinical exposure AN (anatomy) WITH RADIOLOGY AN (anatomy) 25.7	Early Clinical exposure AN (anatomy) WITH RADIOLOGY Dissection AN (anatomy) 25.9	PRACTICALS Practical- PY (physiology) 5.12 Recording of Blood Pressure (Revision) Practical-BI (biochemistry) 11.5 Describe the use of paper chromatography
126	BI (biochemistry) 11.5 Early clinical exposure INBORN ERRORS OF METABOLISM	BI (biochemistry) 11.5 Early clinical exposure INBORN ERRORS OF METABOLISM	Community medicine CM 2.3, 2.4 Scope of Psychology, community behavior and barriers of good health and health seeking behaviour	Community medicine CM 2.2 Type of family and role of family in health and disease	PRACTICALS Practical- PY (physiology) 5.12 Recording of Blood Pressure (Revision) Practical-BI (biochemistry) 11.5 Describe the use of paper chromatography
127	AETCOM 1.2 What does it mean to be a patient ?	AETCOM 1.2 What does it mean to be a patient ?	Early clinical exposure PY (physiology) 5.12, 5.13, PY (physiology) 5.14 Done as three groups Recording of Blood Pressure SKILLS LAB, Charts, SDL	Early clinical exposure Recording of Blood Pressure SKILLS LAB, Charts, SDL	Early clinical exposure Recording of Blood Pressure SKILLS LAB, Charts, SDL

128	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 30.5 Describe the location and relations of pituitary gland Describe the origin, components, course, termination of optic nerve and various visual defects due to pituitary tumour	PY (physiology) 8.6 Introduction to endocrinology, Mechanism of action of steroid, amine and protein hormones second messengers	PY (physiology) 8.2 (4) Hypothalamus & anterior pituitary hormones	AN (anatomy) 30.5. Describe the location and relations of pituitary gland Describe the origin, components, course, termination of optic nerve and various visual defects due to pituitary tumour	Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland 26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull 26.2 Describe the features of norma verticalis, occipitalis, lateralis and basalis Practical- PY (physiology) 5.12 Blood Pressure - Effects of Exercise Practical-BI (biochemistry) 11.21 Demonstrate estimation of Urea

129	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 29.1, 29.3, and 29.4 Describe the attachments, relations, blood supply, nerve supply and clinical importance of sternocleidomastoid muscle. Describe the boundaries, roof, floor,contents and clinical importance of occipital and subclavian triangle.	PY (physiology) 8.2 (5) Growth hormone	PY (physiology) 8.2 (6) Posterior pituitary	AN (anatomy) 29.1, 29.3, and 29.4 Describe the attachments, relations, blood supply, nerve supply and clinical importance of sternocleidomastoid muscle. Describe the boundaries, roof, floor,contents and clinical importance of occipital and subclavian triangle. Explain anatomical basis of wry neck Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2) scalenus anterior, 3) scalenus medius & 4) levator scapulae	Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland 26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull 26.2 Describe the features of norma verticalis, occipitalis, lateralis and basalis Practical- PY (physiology) 5.12 Blood Pressure - Effects of Exercise Practical-BI (biochemistry) 11.21 Demonstrate estimation of Urea

130	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 32.1, 32.2 Describe the boundaries and subdivisions of anterior triangle Describe the boundaries and contents of muscular, carotid, digastric and submental triangles	AN (anatomy) 32.1 AN (anatomy) 32.2 Describe the boundaries and subdivisions of anterior triangle Describe the boundaries and contents of muscular, carotid, digastric and submental triangles	Early Clinical exposure PHYSIOLOGY Growth and Development Physiology, Pathology, Pediatrics (PY (physiology) 11.6 Physiology of Infancy and Ageing) and Genetics	Early Clinical exposure PHYSIOLOGY Growth and Development Physiology, Pathology, Pediatrics (PY (physiology) 11.6 Physiology of Infancy and Ageing) and Genetics	Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland 26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull 26.2 Describe the features of norma verticalis, occipitalis, lateralis and basalis Practical- PY (physiology) 5.12 Blood Pressure - Effects of Exercise Practical-BI (biochemistry) 11.21 Demonstrate estimation of Urea
131	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.1 Describe the parts, extent, attachments of deep cervical fascia Describe the modifications special features of deep cervical fascia	AETCOM 1.3 The doctor-patient relationship	AETCOM 1.3 The doctor-patient relationship	AN (anatomy) 35.1 Describe the parts, extent, attachments of deep cervical fascia Describe the modifications special features of deep cervical fascia	PRACTICALS Practical- PY (physiology) 5.12 Blood Pressure - Effects of Posture SDL

132	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.2 Describe the location, parts, coverings, surfaces, borders, relations, blood supply and clinical importance of thyroid gland. Describe parathyroid gland	PY (physiology) 8.2(1) Synthesis and secretion actions of thyroid hormones	PY (physiology) 8.2 (2) Regulation and applied aspect of thyroid hormones	AN (anatomy) 47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PRACTICALS Practical- PY (physiology) 5.12 Blood Pressure - Effects of Posture SDL
133	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Early Clinical exposure Biochemistry BI (biochemistry) 6.9, 6.10, 6.13 to 6.15 Describe the functions of Iodine Enumerate and describe the disorders associated with Iodine Describe the tests that are commonly done in clinical practice to assess the functions of thyroid gland Describe the role of thyroid function tests in the interpretation of the abnormalities of thyroid gland	Early Clinical exposure Biochemistry THYROID FUNCTION TESTS INTERPRETATION	EARLY CLINICAL EXPOSURE WITH SURGERY AN (anatomy) 35.2 Describe the location, parts, coverings, surfaces, borders, relations, blood supply and clinical importance of thyroid gland. Describe parathyroid gland	EARLY CLINICAL EXPOSURE WITH SURGERY AN (anatomy) 35.2 Describe the location, parts, coverings, surfaces, borders, relations, blood supply and clinical importance of thyroid gland. Describe parathyroid gland

134	PY (physiology) 8.2(7) Adrenal Gland - synthesis, secretion, transport, regulation and effect of altered secretion of adrenal hormones	BI (biochemistry) 6.14 (PY (physiology) 8.4) BI (biochemistry) 6.15 Describe the tests that are commonly done in clinical practice to assess the functions of adrenal gland Describe the role of adrenal function tests in the interpretation of the abnormalities of adrenal gland	VERTICAL INTEGRATION ADRENAL DISORDERS PHYSIOLOGY, BI (biochemistry) OCHEMISTRY, PATHOLOGY, ENDOCRINOLOGY	VERTICAL INTEGRATION ADRENAL DISORDERS PHYSIOLOGY, BI (biochemistry) OCHEMISTRY, PATHOLOGY, ENDOCRINOLOGY	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Suprarenal gland Practical in 3 batches Practical-AN (anatomy) 26.4 Describe morphological features of mandible Practical in 3 batches Practical-AN (anatomy) 26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.21 Demonstrate estimation of Glucose

135	PY (physiology) 8.2(8) Mechanism of action and functions of hormones of pancreas and insulinoma	BI (biochemistry) 3.9 Hormonal regulation of blood glucose Discuss the mechanism and significance of blood glucose regulation in health and disease.	Early clinical exposure DIABETES MELLITUS BI (biochemistry) 7.7 BI (biochemistry) 8.3 Describe the pathogenesis of diabetes mellitus & its complications. Provide dietary advice for optimal health in childhood and adult, in diabetes mellitus	Early clinical exposure DIABETES MELLITUS BI (biochemistry) 3.8 BI (biochemistry) 3.10 Laboratory results of analytes associated with diabetes mellitus Interpret the results of blood glucose levels and other laboratory investigations in diabetes mellitus.	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Suprarenal gland Practical in 3 batches Practical-AN (anatomy) 26.4 Describe morphological features of mandible Practical in 3 batches Practical-AN (anatomy) 26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.21 Demonstrate estimation of Glucose

136	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.3 to 35.5 Describe the origin, parts, course, branches of subclavian artery describe the origin, course, relations, tributaries nd termination of Internal jugular vein and brachiocephalic vein. Describe the extent, drainage, location and applied aspect of cervical lymph nodes	AN (anatomy) 35.3 to 35.5 Describe the origin, parts, course, branches of subclavian artery describe the origin, course, relations, tributaries and termination of Internal jugular vein and brachiocephalic vein. Describe the extent, drainage, location and applied aspect of cervical lymph nodes	PY (physiology) 8.5 VERTICAL INTEGRATION Physiology General Medicine Community Medicine Psychiatry Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response. Outline the psychiatry component pertaining to metabolic syndrome	PY (physiology) 8.5 VERTICAL INTEGRATION Physiology General Medicine Community Medicine Psychiatry Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response. Outline the psychiatry component pertaining to metabolic syndrome	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Suprarenal gland Practical in 3 batches Practical-AN (anatomy) 26.4 Describe morphological features of mandible Practical in 3 batches Practical-AN (anatomy) 26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.21 Demonstrate estimation of Glucose
137	BI (biochemistry) 6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states	AN (anatomy) 35.7 Describe the course and branches of 9, 10, 11, 12 nerves	ASSESSMENT	ASSESSMENT	PRACTICALS Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP - SDL Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DIABETES MELLITUS

138	LGN AN (anatomy) OSTEOLOGY Revision Dissection hall	Early clinical exposure RFT INTERPRETATION BI (biochemistry) 16.3,16.4 (PY (physiology) 7.4,7.8) Describe the functions of the kidney Describe the tests that are commonly done in clinical practice to assess the functions of kidney	Early clinical exposure RFT INTERPRETATION BI (biochemistry) 16.3,16.4 (PY (physiology) 7.4,7.8) Describe the functions of the kidney Describe the tests that are commonly done in clinical practice to assess the functions of kidney	PY (physiology) 7.7 VERTICAL INTEGRATION Describe artificial kidney, dialysis and renal transplantation Physiology, Pathology General Medicine Nephrology	Practical in 3 batches Practical-AN (anatomy) 53.4 lumbar vertebrae Practical in 3 batches Practical-AN (anatomy) 54.2 Describe & identify the special radiographs of abdominopelvic region Intravenous pyelography Practical in 3 batches Practical-AN (anatomy) 55.1 Demonstrate the surface marking of renal angle Practical in 3 batches Practical-AN (anatomy) 55.2 Demonstrate the surface projections of kidney OSPE & CHARTS Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states

139	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.2 Describe the locations,features,parts,blood supply,nerve supply and Applied anatomy of Urethra	AN (anatomy) 48.2 Describe the locations, features,parts,blood supply,nerve supply and Applied anatomy of Urethra	Lecture : AN (anatomy) Developement of CVS	Lecture : AN (anatomy) Developement of CVS	Practical in 3 batches Practical-AN (anatomy) 53.4 lumbar vertebrae Practical in 3 batches Practical-AN (anatomy) 54.2 Describe & identify the special radiographs of abdominopelvic region Intravenous pyelography Practical in 3 batches Practical-AN (anatomy) 55.1 Demonstrate the surface marking of renal angle Practical in 3 batches Practical-AN (anatomy) 55.2 Demonstrate the surface projections of kidney OSPE & CHARTS Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states

140	BI (biochemistry) CHARTS	Lecture : AN (anatomy) ENDOCRINE DEV	AETCOM 1.3 The doctor-patient relationship	AN (anatomy) 52.7 Describe the development of Kidney,Ureter,Urinary bladder,prostate gland and urethra with developmental Anomalies	Practical in 2 batches Practical-AN (anatomy) 53.4 lumbar vertebrae 54.2 Describe & identify the special radiographs of abdominopelvic region Intravenous pyelography 55.1 Demonstrate the surface marking of renal angle 55.2 Demonstrate the surface projections of kidney OSPE & CHARTS Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states
141	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
142	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
143	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION

144	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
145	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
146	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
147	ASSESSMENT AN (anatomy) 2	ASSESSMENT AN (anatomy) 2	ASSESSMENT AN (anatomy) 2	ASSESSMENT AN (anatomy) 2	ASSESSMENT 2
148	ASSESSMENT PHYSIOLOGY2	ASSESSMENT PHYSIOLOGY2	ASSESSMENT PHYSIOLOGY2	ASSESSMENT PHYSIOLOGY2	ASSESSMENT 2
149	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT 2
150	PRACTICAL REVISION	PRACTICAL REVISION	PRACTICAL REVISION	PRACTICAL REVISION	PRACTICAL REVISION
151	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1
152	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2
153	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3
154	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4
155	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5

156	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 43.1 Describe the atlanto-occipital joint and atlanto-axial joints and demonstrate movements, muscles producing movements.	AN (anatomy) 43.1 Describe the atlanto-occipital joint and atlanto-axial joints and demonstrate movements, muscles producing movements.	BI (biochemistry) 3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders	Community Medicine 2.5 Art of interviewing	PRACTICALS Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DIABETES MELLITUS
157	AETCOM 1.3 The doctor-patient relationship	AETCOM 1.3 The doctor-patient relationship	BI (biochemistry) 3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders - OPEN HOUSE	SGT in 10 groups BI (biochemistry) 3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders -OPEN HOUSE	PY (physiology) 8.3 Physiology of Thymus & Pineal gland
158	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe the Anatomical position,external features,relations,internal features,vascular segments,blood supply,nerve supply,lymphatic drainage and Applied anatomy of Kidney	AN (anatomy) 47.5 (PY (physiology) 7.1) Describe the Anatomical position,external features, relations,internal features, vascular segments,blood supply,nerve supply, lymphatic drainage and Applied anatomy of Kidney	PY (physiology) 7.1 Renal Blood flow PY (physiology) 7.2 Describe the structure and functions of juxtaglomerular apparatus and role of renin-angiotensin system	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of filtration GFR	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test Practical-BI (biochemistry) 11.21,11.22 Demonstrate estimation of CREATININE Calculate creatinine clearance

159	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of tubular reabsorption & secretion	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of tubular reabsorption & secretion	VERTICAL INTEGRATION Clearance Tests, Nephrotic Syndrome, AGN Physiology Pathology Pediatrics Nephrology	AN (anatomy) 47.5 Describe the location,parts, relations,constrictions,blood supply,nerve supply, lymphatic drainage and Applied anatomy of Ureter	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test Practical-BI (biochemistry) 11.21,11.22 Demonstrate estimation of CREATININE Calculate creatinine clearance
160	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe the location,parts,relations,constrictions,blood supply,nerve supply,lymphatic drainage and Applied anatomy of Ureter	BI (biochemistry) 5.4 Describe the formation, transport, fate and disposal of ammonia Describe the formation of urea	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of concentration and diluting mechanism	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of concentration and diluting mechanism	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test Practical-BI (biochemistry) 11.21,11.22

161	PY (physiology) 7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	PY (physiology) 7.9 Early clinical exposure Physiology Describe cystometry and discuss the normal cystometrogram	BI (biochemistry) 6.7 (PY (physiology) 1.7) Describe the processes involved in maintenance of normal pH & the role of buffers	BI (biochemistry) 6.7 (PY (physiology) 1.7) Describe the processes involved in maintenance of normal pH & the role of buffers	PRACTICALS Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test 11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - renal failure, - proteinuria, nephrotic syndrome
162	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.2,48.6 Describe the location,external features,,relations, internal features, ligaments,blood supply,nerve supply,lymphatic drainage and Applied anatomy of Urinary bladder	Community Medicine 2.5 Socio-demographictest briefing	Community Medicine 2.5 Socio-demographictest briefing	AN (anatomy) 48.2,48.6 Describe the location, external features,,relations, internal features,ligaments, blood supply,nerve supply, lymphatic drainage and Applied anatomy of Urinary bladder	Practical in 2 batches Practical- PY (physiology) 5.13 , 5.14 Normal ECG and Cardiovascular function test Practical- BI 11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - renal failure, - proteinuria, nephrotic syndrome

163	BI (biochemistry) 6.7 (PY (physiology) 1.7) Describe the processes involved in maintenance of normal pH & the role of buffers	PY (physiology) 7.5 B16.7 VERTICAL INTEGRATION Electrolyte Imbalance PY (physiology) 7.5 Describe the renal regulation of fluid and electrolytes balance BI (biochemistry) 6.7 Describe the derangements associated with water & electrolyte balance of body fluids Physiology Biochemistry Anaesthesia General Medicine	PY (physiology) 7.5 B16.7 VERTICAL INTEGRATION Electrolyte Imbalance PY (physiology) 7.5 Describe the renal regulation of fluid and electrolytes balance BI (biochemistry) 6.7 Describe the derangements associated with water & electrolyte balance of body fluids Physiology Biochemistry Anaesthesia General Medicine	Early clinical exposure - ACID BASE DISORDERS Dissection AN (anatomy) AESTHESIA MEDICINE BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in disorders of acid- base balance NOTE : RESEARCH HOUR	Early clinical exposure - ACID BASE DISORDERS Dissection AN (anatomy) AESTHESIA MEDICINE BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in disorders of acid- base balance NOTE : RESEARCH HOUR

164	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) Intro to Reproductive System 53.1 to 53.3 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis (48.1)	PY (physiology) 9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association.	AN (anatomy) 53.1 AN (anatomy) 53.2 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet AN (anatomy) 53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis	PY (physiology) 9.1 Describe and discuss sex determination, sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Practical- PY (physiology) 10.11 Higher functions Practical-BI (biochemistry) 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography

165	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 46.1 Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy	AN (anatomy) 46.1 Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy	BI (biochemistry) 6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	PY (physiology) 9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Practical- PY (physiology) 10.11 Higher functions Practical-BI (biochemistry) 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography

166	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 46.2 to 46.5 Describe parts of Epididymis Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) Explain the anatomical basis of Varicocoele Explain the anatomical basis of Phimosis & Circumcision	AN (anatomy) 46.2 AN (anatomy) 46.3 AN (anatomy) 46.4 AN (anatomy) 46.5 Describe parts of Epididymis Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) Explain the anatomical basis of Varicocoele Explain the anatomical basis of Phimosis & Circumcision	BI (biochemistry) 6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	SGT in 10 groups BI (biochemistry) 6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Practical- PY (physiology) 10.11 Higher functions Practical-BI (biochemistry) 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography
167	AN (anatomy) 48.7 Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	AN (anatomy) 48.7 VERTICAL INTEGRATION (WITH UROLOGY/ SURGERY) Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	COMMUNITY MEDICINE 4.1, Health education-definition, approaches, methods	Early Clinical Exposure AN (anatomy) 48.7 (WITH UROLOGY/ SURGERY) Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	Early Clinical Exposure Lecture in 3 batches AN (anatomy) 48.7 (WITH UROLOGY/ SURGERY) Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer

168	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important female pelvic viscera (uterus, ovary, uterine tube)	AN (anatomy) 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important female pelvic viscera (uterus, ovary, uterine tube)	PY (physiology) 9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes	PY (physiology) 9.5 Describe and discuss the physiological effects of female sex Hormones HPO axis	Early clinical exposure Practical in 3 batches Practical-AN (anatomy) 48.5 (WITH OBG) Explain the anatomical basis of Retroverted uterus, Prolapse uterus,Vasectomy, Tubal pregnancy & Tubal ligation
169	EARLY CLINICAL EXPOSURE BI (biochemistry) 6.3,6.4 ECE BI (biochemistry) OCHEMISTRY Describe the common disorders associated with nucleotide metabolism Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome.	EARLY CLINICAL EXPOSURE BI (biochemistry) 6.3,6.4 ECE BI (biochemistry) OCHEMISTRY Describe the common disorders associated with nucleotide metabolism Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome	EARLY CLINICAL EXPOSURE PY (physiology) 9.6,9.7 ECE WITH OBG PHYSIOLOGY Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages Describe and discuss the effects of removal of gonads on physiological functions	FORMATIVE ASSESSMENT	FORMATIVE ASSESSMENT

170	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery 48.4 Describe the branches of sacral plexus	PY (physiology) 9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.	PY (physiology) 9.8 Describe and discuss the physiology of lactation and outline the psychology and psychiatry-disorders associated with it.	AN (anatomy) 48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery AN (anatomy) 48.4 Describe the branches of sacral plexus	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of:Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord Practical- PY (physiology) 10.11 Examination of Sensory system & OSPE Practical-BI (biochemistry) 11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet
171	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 49.1 to 49.3 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Describe the superficial & deep perineal pouch (boundaries and contents) Describe Perineal body Describe & Perineal membrane in male & female	AN (anatomy) 49.1 to 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Describe the superficial & deep perineal pouch (boundaries and contents) Describe Perineal body Describe & Perineal membrane in male & female	AN (anatomy) 49.1 to 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Describe the superficial & deep perineal pouch (boundaries and contents) Describe Perineal body Describe & Perineal membrane in male & female	PY (physiology) 9.9, PY (physiology) 9.10 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of:Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord Practical- PY (physiology) 10.11 Examination of Sensory system & OSPE Practical-BI (biochemistry) 11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet

172	PY (physiology) 9.11, 9.12 Discuss the hormonal changes and their effects during perimenopause and menopause Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	AETCOM 1.4 The foundations of communication-1	AN (anatomy) 52.8 Describe the development of male reproductive system	PY (physiology) 9.11, 9.12 Discuss the hormonal changes and their effects during perimenopause and menopause Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of:Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord Practical- PY (physiology) 10.11 Examination of Sensory system & OSPE Practical-BI (biochemistry) 11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet
173	AN (anatomy) Tutorials /SDL	AN (anatomy) RADIOLOGY OF THORAX	Anatomy, T1 Physiology T2 PRACTICAL REVISION	Anatomy, T1 Physiology T2 PRACTICAL REVISION	Anatomy, Physiology and Biochemistry Practicals REVISION
174	PHYSIOLOGY /SDL PY (physiology) 9.10 Tests for ovulation and Pregnancy	Community Medicine 2.5 Visit to hospital and demonstration of socio-demographic assessing patient	Community Medicine 2.5 Visit to hospital and demonstration of socio-demographic assesing patient	AN (anatomy) EXCREATORY DEV	Anatomy, Physiology and Biochemistry Practicals REVISION
175	COMMUNITY MEDICINE Analysis and presentation making	COMMUNITY MEDICINE Presentation and discussion	COMMUNITY MEDICINE CM 4.1 Communication process, types, barriers	PY (physiology) CALCULATIONS IN PHYSIOLOGY	Anatomy, Physiology and Biochemistry Practicals REVISION
176	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Lecture in 3 batches AN (anatomy) 52.8 Describe the development of female reproductive system

177	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Lecture in 3 batches AN (anatomy) 52.8 Describe the development of female reproductive system
178	AN (anatomy) Theory Revision	PY (physiology) Theory Reivison	Community Medicine 4.1 Models and contents of Health Education	Community Medicine 4.1 Models and contents of Health Education	Community Medicine 4.1 Models and contents of Health Education
179	Dissection Scalp Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 27.1 Practicals in 2 batches (one is osteology and another in dissection hall) 27.2 Identify layers of scalp	CNS BEGINS Intro PY (physiology) 10.1.6 Describe organisation of nervous system 10.1.7 Enumerate the functions of nervous system 10.1.8 Discuss different types of glial cells and their functions 10.1.9 Explain the structure of neuron 10.1.10 Enumerates the types of neuron and their anatomical and physiological classification	BI (biochemistry) 7.1 Describe the structure and functions of DNA and RNA	Scalp AN (anatomy) 27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN (anatomy) 27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses	Histology Lab Practical -A Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Sensory system (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory: QULAITY CONTROL, AUTO Practical in 3 batches Practical-AN (anatomy) ALYSER

180	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 30.1 Practicals in 2 batches (one is osteology and another in dissection hall) Practicals in 2 batches (one is osteology and another in dissection hall) Identify cranial fossae & identify related structures and major foramina with structures passing through them Identify dural folds & dural venous sinuses	Neuron PY (physiology) 3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines Describe the types, functions & properties of nerve fibers Describe the degeneration and regeneration in peripheral nerves	Cranial Cavity AN (anatomy) 30.1 Describe the cranial fossae & identify related structures 30.2 Describe & identify major foramina with structures passing through them	Dural folds and Dural venous sinuses AN (anatomy) 30.3 Describe & identify dural folds & dural venous sinuses	Histology Lab Practical - B Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Sensory system (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory: QUALITY CONTROL, AUTO Practical in 3 batches Practical-AN (anatomy) ALYSER

			CSF PY (physiology) 10.1.1 Describe formation of CSF PY (physiology) 10.1.2 Discuss the composition of CSF PY (physiology) 10.1.3 Explain circulation of CSF PY (physiology) 10.1.4 Enumerate the functions of CSF PY (physiology) 10.1.5 Explain the importance of BBB		Histology Lab Practical - C Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Sensory system (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory: QULAITY CONTROL, AUTO Practical in 3 batches Practical-AN (anatomy) ALYSER
181	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 56.1 Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 56.2 Identify various layers of meninges with its extent & modifications	Meninges & CSF AN (anatomy) 56.1 Describe & identify various layers of meninges with its extent & modifications AN (anatomy) 56.2 Describe circulation of CSF with its applied anatomy		BI (biochemistry) 11.15 Describe & discuss the composition and analysis of CSF	

182	BI (biochemistry) 7.2 Describe the processes involved in replication of DNA	Embryology AN (anatomy) 64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum	VERTICAL INTEGRATION- CSF Anatomy Physiology Biochemistry Pathology, Paediatrics	VERTICAL INTEGRATION - Anatomy Dissection AN (anatomy) 64.3 Describe various types of open neural tube defects with its embryological basis Museum / Video Open neural tube defect 1 Batch each to museum , others in dissection hall	- Practicals 250 students split in 2 departments Practical- PY (physiology) 10.11 Examination of Reflex & OSPE Biochemistry ECE CSF analysis - Interpretation of Lab reports
183	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Community Medicine 4.2 Describe the methods of organizing health promotion and education and counseling activities at individual family and community settings	PY (physiology) 10.2.1 Discuss the types of synapse with reference to parts of neuron involved in the formation of synapse, Nature of transmission and no of neurons involved PY (physiology) 10.2.2 Discuss the mechanism of synaptic transmission PY (physiology) 10.2.3 Explain the synaptic potentials PY (physiology) 10.2.4 Discuss the properties of synapse	- Practicals 250 students split in 2 departments Practical- PY (physiology) 10.11 Examination of Reflex & OSPE Biochemistry ECE CSF analysis - Interpretation of Lab reports

184	Dissection Revision - Anatomy	BI (biochemistry) 7.2 Describe the processes involved in transcription	BI (biochemistry) 15.4 Neurotransmitters	Dissection Revision Anatomy AN (anatomy)	Practical-BI (biochemistry) - Prac. SDL
185	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 57.1 Practicals in 2 batches (one is osteology and another in dissection hall) 57.2 Practicals in 2 batches (one is osteology and another in dissection hall) 57.3Practicals in 2 batches (one is osteology and another in dissection hall) 5 7.4Practicals in 2 batches (one is osteology and another in dissection hall) 57.5	BI (biochemistry) 7.2 Describe the processes involved in transcription	Spinal cord PY (physiology) 10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances"	Spinal cord AN (anatomy) 57.1 Identify external features of spinal cord 57.2 Describe extent of spinal cord in child & adult with its clinical implication 57.3 Draw & label transverse section of spinal cord at mid-cervical & mid- thoracic level" 57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord" 57.5 Describe anatomical basis of syringomyelia 42.1 Describe the contents of the vertebral canal Describe & demonstrate the boundaries and contents of Suboccipital triangle	Practicals - Anatomy A Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Reflex (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory DNA isolation from blood/ tissue

186	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.6 demonstrate the extent, formation, relation & branches of cervical sympathetic chain	AN (anatomy) S - PY (physiology) 10.5 Describe and discuss structure and functions of autonomic nervous system (0.5.1 Explain divisions of 10.5.2 Discuss the central control, functions and applied aspect of	PNS - AN (anatomy) AN (anatomy) 35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	BI (biochemistry) 7.2 Describe the processes involved in translation	Practicals - Anatomy B Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Reflex (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory DNA isolation from blood/ tissue

187	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 58.1 to 58.4	Receptors PY (physiology) 10.2.5 Discuss the types of sensations PY (physiology) 10.2.6 Discuss the classification of receptors PY (physiology) 10.2.7 Explain the mechanism of receptor potentials PY (physiology) 10.2.8 Discuss the properties of receptor	BI (biochemistry) 7.2 Describe the processes involved in translation	Medulla AN (anatomy) 58.1 Identify external features of medulla oblongata AN (anatomy) 58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION" AN (anatomy) 58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group" AN (anatomy) 58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome	Practicals - Anatomy C Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Reflex (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory DNA isolation from blood/ tissue

188	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Pons AN (anatomy) 59.1 to 59.3 Identify external features of pons Draw & label transverse section of pons at the upper and lower level Enumerate cranial nerve nuclei in pons with their functional group	Pons Dissection AN (anatomy) 59.1 Identify external features of pons 59.2 Draw & label transverse section of pons at the upper and lower level 59.3 Enumerate cranial nerve nuclei in pons with their functional group	Early clinical exposure Biochemistry Practical-BI (biochemistry) 7.3 genetic mutations

	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 74.1-74.4 Describe the various modes of inheritance with examples	Sensory System 1 PY (physiology) 10.3 Describe and discuss somatic sensations & sensory tracts 10.3.1 Enumerate the ascending tracts and their functions 10.3.2 Explain the origin, course, termination and sensations carried by Dorsal column 10.3.3 Explain the	Sensory System 2 PY (physiology) 10.3.4 Explain the origin, course, termination and sensations carried by trigeminal Pathway PY (physiology) 10.3.4 Explain the origin, course, termination and sensations carried by spinocerebellar tract PY (physiology) 10.3.5 Explain the origin, course, termination and sensations carried by spinovestibular, spinoolivery, spinotectal and spinoreticular tracts Py10.3.6 Explain the area of sensory cortex PY (physiology) 10.3.7 Explain types of pain, mechanism of pain sensation and modulation of pain perception PY (physiology) 10.3.8 Describe the pathways of pain sensation		

190	Dissection Cerebellum	BI (biochemistry) 7.2 Describe the processes involved in translation	PY (physiology) - Thalamus PY (physiology) 10.7 Describe and discuss functions of thalamus Py10.7.7 Discuss the Functional classification of thalamic nuclei Py10.7.8 Describe the major connection of thalamic nuclei Py10.7.9 Enumerate function od thalamus Py10.7.10 Discuss the applied aspect of thalamic lesions ECE - Physiology A Case of Phantom Limb shown by video Medicine Physiotherapy	Cerebellum AN (anatomy) 60.1 to 60.3 Describe & demonstrate external & internal features of cerebellum Describe connections of cerebellar cortex and intracerebellar nuclei Describe anatomical basis of cerebellar dysfunction	UNIT TEST - ASSESSMENT
191	4th Ventricle AN (anatomy) 63.1 Describe & demonstrate parts, boundaries & features of 4th ventricle	BI (biochemistry) 9.3 Describe protein targeting & sorting along with its associated disorders	BI (biochemistry) 7.3 Describe basic mechanism of regulation of gene expression. (Prokaryotes)	Dissection Dissection AN (anatomy) 63.1 Describe & demonstrate parts, boundaries & features of 4th ventricle	Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Practical- PY (physiology) 10.11 Examination of Motor System & OSPE REVISION PRACTICAL

192	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 61.1 to 61.3 - Midbrain Identify external & internal features of midbrain Describe internal features of midbrain at the level of superior & inferior colliculus" Describe anatomical basis & effects of Benedikt's and Weber's syndrome	BI (biochemistry) 7.3 Describe basic mechanism of regulation of gene expression. (Eukaryotes)	Midbrain AN (anatomy) 61.1 to 61.3 Identify external & internal features of midbrain Describe internal features of midbrain at the level of superior & inferior colliculus" Describe anatomical basis & effects of Benedikt's and Weber's syndrome	BI (biochemistry) 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Practical- PY (physiology) 10.11 Examination of Motor System & OSPE REVISION PRACTICAL

193	Cerebrum AN (anatomy) 62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional `areas of cerebral hemisphere	White matter AN (anatomy) 62.3 Describe the white matter of cerebrum	Cerebrum PY (physiology) 10.7.1 to 10.7.6 Describe and discuss functions of cerebral cortex Discuss the cerebral Cortex functional areas Enumerate the phylogenetic divisions of cerebral cortex Discuss on Connections, functions and applied aspects of frontal lobe Discuss on Connections, functions and applied aspects of parietal lobe Discuss on Connections, functions and applied aspects of temporal lobe Discuss on Connections, functions and applied aspects of occipital lobe	Dissection Cerebrum Describe & demonstrate surfaces, sulci, gyri, poles, & functional `areas of cerebral hemisphere	Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Practical- PY (physiology) 10.11 Examination of Motor System & OSPE REVISION PRACTICAL

194	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 62.6 Describe & identify formation, branches & major areas of distribution of Circle of Willis	Motor System PY (physiology) 10.4.4 to 10.4.7 Explain the areas of motor cortex of frontal lobe Enumerate descending tracts - pyramidal and extrapyramidal Explain in detail origin, course, termination and functions of pyramidal tract Explain the lesion, signs and symptoms of pyramidal tract	PY (physiology) 10.4.8 Describe the origin, course, termination, functions and lesions of Extrapyramidal tracts	Blood supply of Brain AN (anatomy) 62.6 Describe & identify formation, branches & major areas of distribution of Circle of Willis	Reflexes Practical-PY (physiology) 10.2 Describe and discuss the functions and properties reflexes Practical-PY (physiology) 10.2.9 Explain reflex arc Practical-PY (physiology) 10.2.10 Discuss clinical classification of reflexes Practical-PY (physiology) 10.11 Explain the properties of reflex Practical-PY (physiology) 10.4.3 Describe the spinal reflexes that control posture and movements
195	VERTICAL INTEGRATION A Case of Hemiplegia Anatomy, Physiology Medicine Pharmacology Physiotherapy	VERTICAL INTEGRATION A Case of Hemiplegia Anatomy, Physiology Medicine Pharmacology Physiotherapy	BI (biochemistry) 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	SGT in 10 groups BI (biochemistry) 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	COMMUNITY MEDICINE
196	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AN (anatomy) SDL	PHYSIOLOGY SDL PY (physiology) 10.4 .7 UMN and LMN lESIONS	COMMUNITY MEDICINE

197	BI (biochemistry) 7.6,7.7 Describe the anti-oxidant defence systems in the body Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	Basal Ganglia AN (anatomy) 62.4 Enumerate parts & major connections of basal ganglia & limbic lobe	PY (physiology) 10.7 Describe and discuss functions of basal ganglia and their abnormalities PY (physiology) 10.7.11 Explain the connections and functions and disorders of basal ganglia	DISSECTION Dissection AN (anatomy) 62.4 Enumerate parts & major connections of basal ganglia & limbic lobe ECE - A Case of Parkinsonism Anatomy, Physiology, General Medicine, Pharmacology, Neurology	Practical in 2 batches Practical-AN (anatomy) - T1 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Physiology - T2 Motor System Revision

198	BI (biochemistry) 10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53	Cerebellum PY (physiology) 10.7 Describe and discuss functions of cerebellum and and their abnormalities PY (physiology) 10.7.12 Describe the functional lobes of cerebellum PY (physiology) 10.7.13 Explain the structural organisation and circuits of cerebellar cortex PY (physiology) 10.7.14 Explain the connections of cerebellum PY (physiology) 10.7.15 Explain functions of cerebellum PY (physiology) 10.7.16 Discuss the signs and symptoms of cerebellar disorder"	Cerebellum PY (physiology) 10.7 Describe and discuss functions of cerebellum and and their abnormalities PY (physiology) 10.7.12 Describe the functional lobes of cerebellum PY (physiology) 10.7.13 Explain the structural organisation and circuits of cerebellar cortex PY (physiology) 10.7.14 Explain the connections of cerebellum PY (physiology) 10.7.15 Explain functions of cerebellum PY (physiology) 10.7.16 Discuss the signs and symptoms of cerebellar disorder"	Physiology Early Clinical Exposure Linker A Case cerebellar Palsy Medicine	Cerebellar Function Tests Practical

199	PY (physiology) 10.4 MUSCLE SPINDLE Describe and discuss motor tracts, mechanism of maintenance of posture and equilibrium & vestibular apparatus PY (physiology) 10.4.9 Explain the structural arrangement and functioning of semicircular canals and otolith organs of inner ear PY (physiology) 10.4.10 Describe the innervation, connections and functions of vestibular apparatus PY (physiology) 10.4.11 discuss the disorders of vestibular apparatus	PY (physiology) 10.4 POSTURE & EQUILIBRIUM Describe and discuss motor tracts, mechanism of maintenance of posture and equilibrium & vestibular apparatus PY (physiology) 10.4.9 Explain the structural arrangement and functioning of semicircular canals and otolith organs of inner ear PY (physiology) 10.4.10 Describe the innervation, connections and functions of vestibular apparatus PY (physiology) 10.4.11 discuss the disorders of vestibular apparatus	EARLY CLINICAL EXPOSURE - Physiology Mechanism of action demonstrated by video ENT Department to demonstrate test for vestibular functions	EARLY CLINICAL EXPOSURE - Physiology Mechanism of action demonstrated by video ENT Department to demonstrate test for vestibular functions	Practicals - Anatomy T2 Practical in 3 batches Practical-AN (anatomy) 64.1 Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Physiology - T1 Motor System Revision

200	Hypothalamus PY (physiology) 10.7 Describe and discuss functions of hypothalamus and abnormalities PY (physiology) 10.7.11 Discuss on the connections of hypothalamus PY (physiology) 10.7.12 Describe in detail the functions of hypothalamus PY (physiology) 10.7.13 discuss the disorders of hypothalamic functions	EARLY CLINICAL EXPOSURE - Obesity Physiology Endocrinology	Limbic System PY (physiology) 10.7 Describe and discuss functions of limbic system and their abnormalities PY (physiology) 10.7.14 Explain the components, connections, functions and applied aspects of limbic system PY (physiology) 10.7.15 Corpus callosum , Concept of dominent hemispheres	EARLY CLINICAL EXPOSURE - BI (biochemistry) 10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy. TUMOR MARKERS	- Practicals Physiology Revision of CNS Practicals Biochemistry SGT Demonstration of molecular techniques - PCR

201	FORMATIVE ASSESSMENT	COMMUNITY MEDICINE	EEG PY (physiology) 10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production 10.8.1 Explain the physiological changes during sleep 10.8.2 Describe the types of sleep 10.8.3 Enumerate theories, mechanism and disorders of sleep 10.8.4 Explain normal EEG pattern and significance of EEG	RAS PY (physiology) 10.5 Describe and discuss structure and functions of reticular activating system 10.5.3 Enumerate the components of RAS 10.5.4 Enumerate the neurotrasmitters, functions and applied aspects of RAS ECE - Physiology Recording of EEG and Identification of waves Neurology, ENT ECE - Physiology Recording of EEG and Identification of waves Neurology, ENT	- Practicals Physiology Revision of CNS Practicals Biochemistry SGT Demonstration of molecular techniques - PCR
202	FORMATIVE ASSESSMENT	COMMUNITY MEDICINE	Community Medicine	Community Medicine	- Practicals Physiology Revision of CNS Practicals Biochemistry SGT Demonstration of molecular techniques - PCR

203	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Learning and Memory PY (physiology) 10.9 Describe and discuss the physiological basis of memory and learning 10.9.1 explain the two broad classes of learning 10.9.2 Explain the expermental procedure used to establish learning (condition Reflex) 10.9.3 Explain types, physiological basis and applied aspects of memory 10.9.4 Explain interhemispheric transfer of learning and memory	Speech PY (physiology) 10.9 Describe and discuss the physiological basis of and speech PY (physiology) 10.9.5 Explain neurophysiology of language and speech PY (physiology) 10.9.6 Discuss the speech disorders	REVISION PRACTICAL REVISION PRACTICAL REVISION PRACTICAL

204	AN (anatomy) 31.1 Describe & identify extra ocular muscles of eyeball	PY (physiology) 10.7.1 Layers of retina PY (physiology) 10.17 Describe and discuss functional anatomy of eye	Orbit AN (anatomy) 31.2 Describe & demonstrate nerves and vessels in the orbit AN (anatomy) 31.4 Enumerate components of lacrimal apparatus AN (anatomy) 31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	Dissection Orbit - Dissection AN (anatomy) 31.2 Describe & demonstrate nerves and vessels in the orbit Dissection AN (anatomy) 31.4 Enumerate components of lacrimal apparatus Dissection AN (anatomy) 31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus Dissection AN (anatomy) 31.1 Describe & identify extra ocular muscles of eyeball	REVISION PRACTICAL REVISION PRACTICAL REVISION PRACTICAL

205	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 41.1 Describe & demonstrate parts and layers of eyeball	AN (anatomy) 41.1 Describe & demonstrate parts and layers of eyeball	Optics PY (physiology) 10.17 Describe the physiology of image formation PY (physiology) 10.7.2 discuss the Principles of OPtics PY (physiology) 10.7.3 Explain Accommodation PY (physiology) 10.7.4 enumerate and explain the Defects in image formation	Vision PY (physiology) 10.17 Describe the physiology of vision including colour vision PY (physiology) 10.7.5 Explain the structure of photoreceptors and photopigments PY (physiology) 10.7.6 Explain the mechanism of phototransduction	REVISION PRACTICAL REVISION PRACTICAL REVISION PRACTICAL

206	BI (biochemistry) 16.5 Vitamin A , Vit A deficiency, Polyol Pathway	PY (physiology) 10.7.7 Describe visual pathway and visual cortex	Visual Pathway PY (physiology) 10.7.8 Explain visual acuity and factors affecting it PY (physiology) 10.7.9 Explain visual field and discuss the visual field defects PY (physiology) 10.7.10 Explain mechanism of light adaptation PY (physiology) 10.7.11 explain light reflex and its pathway PY (physiology) 10.17 Describe refractive errors, colour blindness, physiology of pupil and light reflex PY (physiology) 10.7.12 Explain neurophysiology of colour vision	EARLY CLINICAL EXPOSURE - - Physiology Ophthal - refraction and optometry	Anatomy T1 Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of cornea, retina T2 Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 1 - 6 & OSPE

207	AETCOM WRAP UP	AN (anatomy) Theory REVISION	COMMUNITY MEDICINE	AN (anatomy) Theory REVISION	Anatomy T2 Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of cornea, retina T1 Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 1 - 6 & OSPE
208	AETCOM WRAP UP	AN (anatomy) Dissection REVISION	AN (anatomy) Dissection REVISION	AN (anatomy) Dissection REVISION	SDL PY (physiology) 10.7.13 Discuss colour blindness
209	AETCOM WRAP UP	AN (anatomy) 40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	AN (anatomy) 40.1 Describe & identify the parts, blood supply and nerve supply of external ear	PY (physiology) 10.15 Describe and discuss functional anatomy of ear & physiology of hearing PY (physiology) 10.15.1 Explain the structure of organ of corti	Revision Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 7 -12 SDL

210	Theory AN (anatomy) 28.4 Describe & demonstrate branches of facial nerve with distribution	Biochemistry BI (biochemistry) Revision / SDL	PY (physiology) 10.15.2 Describe the auditory pathway PY (physiology) 10.15.3 Explain the mechanism of conduction of sound waves PY (physiology) 10.15.4 Explain the transduction of sound waves Py10.15.5 Discuss the hearing defects PY (physiology) 10.5.6 Explain the test for hearing and principles for audiometry	EARLY CLINICAL EXPOSURE ECE AN (anatomy) ENT Ear examination	Revision Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 7 -12 SDL

211	Dissection Revision	Smell PY (physiology) 10.13 Describe and discuss perception of smell and taste sensation PY (physiology) 10.13.1 Describe the Olfactory epithelium and olfactory receptor cell PY (physiology) 10.13.2 Explain the olfactory pathway and mechanism of olfaction PY (physiology) 10.13.3 discuss the applied aspects of olfaction	Taste PY (physiology) 10.14 Describe and discuss patho-physiology of altered smell and taste sensation PY (physiology) 10.14.1 Explain the structure of taste bud PY (physiology) 10.14.2 Explain the taste pathway and mechanism of taste perception Py10.14.3 Enumerate types of taste sensations and Applied aspects of taste sensation	AN (anatomy) Revision	Revision Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 7 -12 SDL

212	AN (anatomy) Skin 4.1 Describe different types of skin & dermatomes in body 4.2 Describe structure & function of skin with its appendages 4.3 Describe superficial fascia along with fat distribution in body 4.4 Describe modifications of deep fascia with its functions	Integrated lecture PY (physiology) 11.1. Describe the mechanism of temperature regulation PY (physiology) 11.2 Describe and discuss adaptation to altered temperaturen(heat and cold) PY (physiology) 11.3 Describe and discuss mechanism of fever, cold injuries and heat stroke	AN (anatomy) SUBJECT REVISION	AN (anatomy) SUBJECT REVISION	T1 Histology of Skin Practical in 3 batches Practical-AN (anatomy) 72.1 Identify the skin and its appendages under the microscope and correlate the structure with function T2 Practical- PY (physiology) 10.11 Examination of Cranial nerves 7-12 Revision
213	Lecture : AN (anatomy) SUBJECT REVISION	PHYSIOLOGY 250 PY (physiology) 10.11 Examination of Cranial nerves 1-6 Revision	PHYSIOLOGY 250 PY (physiology) 10.11 Examination of Cranial nerves 1-6 Revision	COMMUNITY MEDICINE	T2 Histology of Skin Practical in 3 batches Practical-AN (anatomy) 72.1 Identify the skin and its appendages under the microscope and correlate the structure with function T1 Practical- PY (physiology) 10.11 Examination of Cranial nerves 7-12 Revision
214	Internal assessment AN (anatomy) IA 3	Internal assessment AN (anatomy) IA 3	Internal assessment AN (anatomy) IA 3	Internal assessment AN (anatomy) IA 3	Internal assessment IA 3
215	Internal assessment PHYSIOLOGY IA 3	Internal assessment PHYSIOLOGY IA 3	Internal assessment PHYSIOLOGY IA 3	Internal assessment PHYSIOLOGY IA 3	Internal assessment IA 3
216	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment IA 3

217	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1
218	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2
219	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3
220	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4
221	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5
222	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
223	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
224	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
225	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
226	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION

227	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
228	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
229	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
230	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Lecture : AN (anatomy) SUBJECT REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
231	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Lecture : AN (anatomy) SUBJECT REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
232	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Lecture : AN (anatomy) SUBJECT REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
233	Model Exam Day Theory 1	Model Exam Day Theory 1	Model Exam Day Theory 1	Model Exam Day Theory 1	Model Exam Day Theory 1
234	Model Exam Day Theory 2	Model Exam Day Theory 2	Model Exam Day Theory 2	Model Exam Day Theory 2	Model Exam Day Theory 2

235	Model Exam Day Theory 3	Model Exam Day Theory 3	Model Exam Day Theory 3	Model Exam Day Theory 3	Model Exam Day Theory 3
236	Model Exam Day Theory 4	Model Exam Day Theory 4	Model Exam Day Theory 4	Model Exam Day Theory 4	Model Exam Day Theory 4
237	Model Exam Day Theory 5	Model Exam Day Theory 5	Model Exam Day Theory 5	Model Exam Day Theory 5	Model Exam Day Theory 5
238	Model Exam Day Theory 6	Model Exam Day Theory 6	Model Exam Day Theory 6	Model Exam Day Theory 6	Model Exam Day Theory 6
239	PRACTICALS 1	PRACTICALS 1	PRACTICALS 1	PRACTICALS 1	PRACTICALS 1
240	PRACTICALS 2	PRACTICALS 2	PRACTICALS 2	PRACTICALS 2	PRACTICALS 2
241	PRACTICALS 3	PRACTICALS 3	PRACTICALS 3	PRACTICALS 3	PRACTICALS 3
242	PRACTICALS 4	PRACTICALS 4	PRACTICALS 4	PRACTICALS 4	PRACTICALS 4
243	PRACTICALS 5	PRACTICALS 5	PRACTICALS 5	PRACTICALS 5	PRACTICALS 5
244	PRACTICALS 6	PRACTICALS 6	PRACTICALS 6	PRACTICALS 6	PRACTICALS 6
245	PRACTICALS 7	PRACTICALS 7	PRACTICALS 7	PRACTICALS 7	PRACTICALS 7
246	PRACTICALS 8	PRACTICALS 8	PRACTICALS 8	PRACTICALS 8	PRACTICALS 8
247	PRACTICALS 9	PRACTICALS 9	PRACTICALS 9	PRACTICALS 9	PRACTICALS 9
248	PRACTICALS 10	PRACTICALS 10	PRACTICALS 10	PRACTICALS 10	PRACTICALS 10
249	STUDY HOLIDAYS / SDL 1	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 1	STUDY HOLIDAYS / SDL 1	STUDY HOLIDAYS / SDL 1
250	STUDY HOLIDAYS / SDL 2	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 2	STUDY HOLIDAYS / SDL 2	STUDY HOLIDAYS / SDL 2
251	STUDY HOLIDAYS / SDL 3	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 3	STUDY HOLIDAYS / SDL 3	STUDY HOLIDAYS / SDL 3
252	STUDY HOLIDAYS / SDL 4	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 4	STUDY HOLIDAYS / SDL 4	STUDY HOLIDAYS / SDL 4
253	STUDY HOLIDAYS / SDL 5	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 5	STUDY HOLIDAYS / SDL 5	STUDY HOLIDAYS / SDL 5
254	STUDY HOLIDAYS / SDL 6	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 6	STUDY HOLIDAYS / SDL 6	STUDY HOLIDAYS / SDL 6
255	STUDY HOLIDAYS / SDL 7	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 7	STUDY HOLIDAYS / SDL 7	STUDY HOLIDAYS / SDL 7
256	STUDY HOLIDAYS / SDL 8	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 8	STUDY HOLIDAYS / SDL 8	STUDY HOLIDAYS / SDL 8
257	STUDY HOLIDAYS / SDL 9	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 9	STUDY HOLIDAYS / SDL 9	STUDY HOLIDAYS / SDL 9
258	STUDY HOLIDAYS / SDL 10	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 10	STUDY HOLIDAYS / SDL 10	STUDY HOLIDAYS / SDL 10
259	STUDY HOLIDAYS / SDL 11	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 11	STUDY HOLIDAYS / SDL 11	STUDY HOLIDAYS / SDL 11
260	STUDY HOLIDAYS / SDL 12	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 12	STUDY HOLIDAYS / SDL 12	STUDY HOLIDAYS / SDL 12

261	STUDY HOLIDAYS / SDL 13	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 13	STUDY HOLIDAYS / SDL 13	STUDY HOLIDAYS / SDL 13
262	STUDY HOLIDAYS / SDL 14	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 14	STUDY HOLIDAYS / SDL 14	STUDY HOLIDAYS / SDL 14
263	STUDY HOLIDAYS / SDL 15	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 15	STUDY HOLIDAYS / SDL 15	STUDY HOLIDAYS / SDL 15
264	STUDY HOLIDAYS / SDL 16	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 16	STUDY HOLIDAYS / SDL 16	STUDY HOLIDAYS / SDL 16
265	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1
266	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2
267	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3
268	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4
269	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5
270	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6
271	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7
272	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8
273	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9
274	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10
275	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11
276	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12
277	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13
278	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14
279	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15
280	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16

CBME Phase 2 Timetable								
DAY	**8.00 - 9.30 am**	**9.30 -11.00 am**	**11.00 – 11.30 am**	**11.30 am – 1.00 pm**		**1.00 – 2.00 pm**	**2.00 – 3.00 pm**	
Day 1	MI 1.1, 2.1 – Hand washing & PPE. Air borne, contact precautions, ICC	PA: Pathology of organs in COVID	BREAK	PH: 2.5 – Therapeutic strategies & New drug development		LUNCH	Need for Research & Protocol Writing	
Day 2	MI 2.3 – Specimen collection, Transport, Storage	PH: 2.5 - Therapeutic strategies & New drug development	BREAK	FM: 4.4 – Communication & media management		LUNCH	Research design & Sample size calculation	
Day 3	IM: 4.1 – Care of patients during pandemics. 4.2 – Emergency procedures	CM: 2.2, 2.4 – Emerging and reemerging infections. Vaccination strategies	BREAK	PA: Hematological parameters in COVID		LUNCH	Bio Ethics	
Day 4	IM: 4.5, 4.6 – Intensive care managements during pandemics. Palliative care during pandemics	FM: 4.3 – Death related management	BREAK	CM: 3.1, 3.3 – Outbreak management. Operational research and surveillance		LUNCH	Research -Assessment & Feedback	
	8-9 am	**9-10 am**	**10-11am**	**11am-12pm**	**12-1pm**	**1-2pm**	**2-3pm**	**3-4pm (SDL)**
Day 5	PA: 1.1 - 1.3 (Lecture) Describe the role of a pathologist in diagnosis and management of disease. Enumerate common definitions and terms used in Pathology Describe the history and evolution of Pathology	Clinical Posting			Lunch	MI 1.1, 1.3 (Lecture) Describe the Role of microbes in health & disease. Explain the Sources,reservoirs, modes of transmission and Host susceptibility factors of infection.	PH1.1, 1.9,1.11,1.3: (Lecture) Define and describe the principles of pharmacology & pharmacotherapeutics. Describe nomenclature of drugs i.e. generic, branded drugs. "Describe various routes of drug administration, eg., oral, SC, IV,IM, SL Enumerate and identify drug formulations and drug delivery systems "Intro to pharmacology; Routes of drug administration	MI 1.1 SDL Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Epidemiology of Infectious Diseases
Day 6	OG: 2.1 - (Lecture) Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology.	Clinical Posting			Lunch	PA: 2.1, 2.2 (Lecture) Demonstrate knowledge of the causes, mechanisms, types and effects of cell injury and their clinical significance Describe the etiology of cell injury. Distinguish between reversible-irreversible injury: mechanisms; morphology of cell injury	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Morphology of Bacteria	PA: 2.1 - SDL - Discuss the effects of cell injury and their clinical significance
Day 7	GS 1 : (Lecture) Surgery in the tropics – Tetanus / Gas Gangrene	Clinical Posting			Lunch	PH1.4,1.2 (Lecture) "Describe absorption, distribution, metabolism & excretion of drugs. Describe the basis of Evidence based medicine and Therapeutic drug monitoring" Pharmacokinetics-absorption and distribution	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Physiology of Bacteria	PH1.11: SDL - Describe various routes of drug administration, eg., oral, SC, IV, IM, SL - Routes of drug Administration

Day 8	IM : 26.1, 26.2 & 26.6 (Lecture) Enumerate and describe professional qualities and roles of a physician. Describe and discuss the commitment to lifelong learning as an important part of physician growth. Describe and discuss the role of a physician in health care system	Clinical Posting			Lunch	PA: 2.6 (Lecture) Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia	PH1.4 (Lecture) "Describe absorption, distribution, metabolism & excretion of drugs -Metabolism	FM - SDL: Certification of Brain Stem Death
Day 9	FM: 1.1 -1.2 (Lecture) Demonstrate knowledge of basics of Forensic Medicine like definitions of Forensic medicine, Clinical Forensic Medicine, Forensic Pathology, State Medicine, Legal Medicine and Medical Jurisprudence, Describe history of Forensic Medicine	Clinical Posting			Lunch	CM 3.2: (Lecture) Concepts of safe and wholesome water, sanitary sources of water, water purification processes	PA: 2.4, 2.5, 2.7 (Lecture) Describe and discuss Cell death- types, mechanisms, necrosis, apoptosis (basic as contrasted with necrosis), autolysis Describe and discuss pathologic calcifications, gangrene Describe and discuss the mechanisms of cellular aging and apoptosis	Community Medicine - SDL - CM 3.2: - Water Purification Processes
Day 10	PH1.4 (Lecture) "Describe absorption, distribution, metabolism & excretion of drugs - Excretion of drugs	PA: 4.1 (Lecture) Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events	PH1.5 (Lecture) Describe general principles of mechanism of drug action. Pharmacodynamics- 1	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Overview of Bacterial Infections – virulence factor, bacteremia, septicemia, sepsis & septic shock	Lunch	Lecture - PA:(Small Group Teaching) 2.1-2.8 Cell injury Tutorials	MI 1.1, 1.2, 1.6, 8.9, 8.10 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Laboratory Diagnosis of Bacterial Infections	Sports
Day 11	PA: 4.1 (Lecture) Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events	Clinical Posting			Lunch	PA: 4.2 (Lecture) Enumerate and describe the mediators of acute inflammation	Practicals (Small Group Teaching) (Batches A,B, C) PA 2.8: Gross- Atrophy uterus & Left ventricular hypertrophy(&OSPE)Micro - Atrophy testes, Fatty liver(&OSPE)& Monkeberg Sclerosis, MI : 1.2 Introduction to Microbiology laboratory Lab tour and orientationPH 1.9, 1.3 : Dosage forms 1	

Day 12	OG6.1- (Lecture) Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	Clinical Posting			Lunch	PH1.5 (Lecture) Describe general principles of mechanism of drug action. Pharmacodynamics- 2	Practicals (Small Group Teaching) (Batches B,C, A) PA 2.8: Gross- Atrophy uterus & Left ventricular hypertrophy(&OSPE),Micro - Atrophy testes, Fatty liver(&OSPE)& Monkeberg Sclerosis, MI : 1.2 Introduction to Microbiology laboratory Lab tour and orientationPH 1.9, 1.3 : Dosage forms 1	
Day 13	GS 2 : (Lecture) Sterilization / Disinfection/ Patient Safety	Clinical Posting			Lunch	PA: 4.3 (Lecture) Define and describe chronic inflammation including causes, types non-specific and granulomatous; and enumerate examples of each. (OSPE chart: Giant cells)	Practicals (Small Group Teaching) (Batches C,A, B) PA 2.8: Gross- Atrophy uterus & Left ventricular hypertrophy(&OSPE),Micro - Atrophy testes, Fatty liver(&OSPE)& Monkeberg Sclerosis, MI : 1.2 Introduction to Microbiology laboratory Lab tour and orientationPH 1.9, 1.3 : Dosage forms 1	
Day 14	IM: 26.3, 26.4, 26.5 & 26.7 (Lecture) Describe and discuss the role of non-maleficence as a guiding principle in patient care. Describe and discuss the role of autonomy and shared responsibility as a guiding principle in patient care. Describe and discuss the role of beneficence of a guiding principle in patient care. Describe and discuss the role of justice as a guiding principle in patient care	Clinical Posting			Lunch	PH1.5 Lecture Describe general principles of mechanism of drug action. Factors modifying drug action	**Seminar (Small Group Teaching) PA: 2.3, 2.5, 2.7 Intracellular accumulation of fats, proteins, carbohydrates, pigments. Describe and discuss pathologic calcifications, gangrene** **Describe and discuss the mechanisms of cellular aging and apoptosis**	
Day 15	FM: 1.3 (Lecture) Describe legal procedures including CrPC, IPC, IEA, Civil and Criminal Cases, Inquest, Cognizable and Non-cognizable offences	Clinical Posting			Lunch	CM 3.2: Small Group Teaching - Tutorials - Water quality standards, concepts of water conservation and rainwater harvesting	PH1.5,1.6,1.7 (Lecture) "Describe principles of Pharmacovigilance & ADR reporting systems Define, identify and describe the management of adverse drug reactions (ADRs)	PA: 2.7 -SDL - Describe and discuss the mechanisms of cellular aging
Day 16	**Horizontal Integration 1: MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Bacterial Genetics (L) - MI 1.1**	PA: 1.1 - 5.1 Formative Assessment ofCell injury, Inflammation & Wound healing , Feedback & Reflection	**Horizontal Integration 1: MI 1.6, (Lecture) Describe the mechanisms of drug resistance, and the methods of antimicrobial susceptibility testing and monitoring of antimicrobial therapy - Antimicrobial Agents, MOA and Antimicrobial Resistance**	**Horizontal Integration: PH1.42,1.43 (Lecture) "Describe general principles of chemotherapy Describe and discuss the rational use of antimicrobials including antibiotic stewardship program": Antimicrobial general considerations**	Lunch	PA: 5.1 (Lecture) Define and describe the process of repair and regeneration includind wound healing and its types	Research	MI 1.1 Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease (SDL)- Bacterial Taxonomy

Day 17	Lecture PH1.64 "Describe overview of drug development, Phases of clinical trials and Good Clinical Practice"	Clinical Posting	Lunch	PA: 6.1,6.2,6.6 (Lecture) Define and describe edema, its types, pathogenesis and clinical correlations Define and describe hyperemia, congestion, hemorrhage. Define and describe Ischaemia / infarction its types, etiology, morphologic changes and clinical effects	Practicals (Small Group Teaching) (Batches A,B, C) PA 2.8,19.3: gross - Tuberculous lymphadenitis, Micro - Coagulative necrosis, Caseous necrosis, Fat necrosis MI :1.2 MICROSCOPY- SIMPLE STAIN + Gram stain (Demo) PH 1.9, 1.3 : Dosage forms 2	
Day 18	OG8.1- (Lecture) Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.	Clinical Posting	Lunch	PA: 6.4 . (Lecture) Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis.	Practicals (Small Group Teaching) (Batches B,C, A) PA 2.8,19.3: gross - Tuberculous lymphadenitis, Micro - Coagulative necrosis, Caseous necrosis, Fat necrosis MI :1.2 MICROSCOPY- SIMPLE STAIN + Gram stain (Demo) PH 1.9, 1.3 : Dosage forms 2	
Day 19	GS 3 : (Lecture) Wounds, Tissue Repairs & Scars	Clinical Posting	Lunch	PH1.1-1.11: Formative Assessment of General Pharmacology, Reflections & Feedback	Practicals (Small Group Teaching) (Batches C,A, B) PA 2.8,19.3: gross - Tuberculous lymphadenitis, Micro - Coagulative necrosis, Caseous necrosis, Fat necrosis MI :1.2 MICROSCOPY- SIMPLE STAIN + Gram stain (Demo) PH 1.9, 1.3 : Dosage forms 2	
Day 20	IM: 4.1& 4.2 (Lecture) Describe and discuss the febrile response and the influence of host immune status, risk factors and comorbidities on the febrile response. Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel	Clinical Posting	Lunch	(Small Group Teaching) - AETCOM Module- 2.1 - Foundations of Communication		Community Medicine - SDL - CM 3.1 - Health hazards of Water
Day 21	FM: 1.4-1.5 (Small Group Teaching) - Describe Courts in India and their powers, Describe court procedures including issue of Summons, conduct money, types of witnesses, recording of evidence.	Clinical Posting	Lunch	CM 3.1, 3.3: Small Group Teaching - Tutorials - Health hazards of Water Describe the aetiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases	FM: 1.6-1.8 (Small Group Teaching) - Describe offenses in Court including Perjury, Describe Dying Declaration & Deposition, Describe the latest decisions/notification/ircula rs/standing orders related to medico-legal practice.	Sports

Day 22	PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids: Prostaglandins	PA: 6.5 (Lecture) Define and describe embolism and its causes and common types.	MI 1.1, 1.2, 8.9, 8.10 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - General Mycology and Overview of Fungal Infections	PA: 6.3 - (Lecture) Define and describe shock, its pathogenesis and its stages	Lunch	Research	**Seminar (Small Group Teaching)- MI1.1 Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease -History of Microbiology**
Day 23	PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, : NSAIDs	Clinical Posting			Lunch	PA: 11.1,11.3 (Lecture) Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood. Describe the pathogenesis of common storage disorders in infancy and childhood	Practicals (Small Group Teaching) (Batches A,B, C) PA4.4: PA4.4: Gross: Acute appendicitis & Chronic calculous cholecystitis Micro: Acute appendicitis & Granulation tissue, OSPEs of Giant cells,Down syndrome,Turner syndrome, Klinefelter syndrome MI : 1.2 ,8.7, 8.9- Gram staining PH 1.11PH 2.1-Dosage forms 3
Day 24	OG13.1- (Lecture) Enumerate and discuss the physiology of normal labor, mechanism of labor in occipito-anterior presentation; monitoring of labor including partogram; conduct of labor, pain relief; principles of induction and acceleration of labor; management of third stage of labor.	Clinical Posting			Lunch	PA: 11.1 (Lecture) Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood	Practicals (Small Group Teaching) (Batches B,C, A) PA4.4: Gross: Acute appendicitis & Chronic calculous cholecystitis Micro: Acute appendicitis & Granulation tissue, OSPEs of Giant cells,Down syndrome,Turner syndrome, Klinefelter syndrome MI : 1.2 , 8.7, 8.9- Gram staining PH 1.11PH 2.1-Dosage forms 3
Day 25	GS 4:(Lecture) Pre-op preparation, Anesthesia & Pain relief and care in the operating room	Clinical Posting			Lunch	PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids: anti-histaminics & Drugs affecting Serotonin	Practicals (Small Group Teaching) (Batches C,A, B) PA4.4: Gross: Acute appendicitis & Chronic calculous cholecystitis Micro: Acute appendicitis & Granulation tissue, OSPEs of Giant cells,Down syndrome,Turner syndrome, Klinefelter syndrome MI : 1.2 , 8.9- Gram staining PH 1.11PH 2.1-Dosage forms 3
Day 26	IM: 4.4 & 4.5 (Lecture) Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever. Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies	Clinical Posting			Lunch	MI 1.1, 1.2, 8.9, 8.10 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - General Parasitology and Overview of Parasitic Infections	**Seminar (Small Group Teaching) PH1.59,1.60 "Describe and discuss the following: Essential medicines, Fixed dose combinations, Over the counter drugs, Herbal medicines**

Day 27	FM: 1.9-1.11 (Lecture) Describe documentation in medical practice in regard to mlc examinations, Medical Certificates and MLC reports, Write a correct cause of death certificate	Clinical Posting			Lunch	CM 3.1:Small Group Teaching - Tutorials - Health hazards of air, noise	CM 3.4, 3.5: (Lecture) Describe the concept of Solid Waste Describe the standards of housing and effect of housing and health	Community Medicine - SDL CM 3.1 - Indoor air pollution, water borne diseases,
Day 28	PA:7.1 (Lecture) Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from malignant neoplams	MI 1.1, 8.9, 8.10 (Small Group Teaching - Tutorials) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - General Virology and Overview of Viral Infections	PH1.49 (Lecture) "Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs": Anti cancer drugs-Part I	MI- Small Group Teaching (Tutorial)- General Microbiology- MI 1.1, 1.2, 1.6, 8.9, 8.10 Revision	Lunch	PH1.49 (Lecture) "Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs": Anti cancer drugs-Part II	PA: 7.2 (Lecture) Describe the molecular basis of cancer	MI 1.1 (SDL) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Culture Media & Methods
Day 29	PA: 7.2 (Lecture) Describe the molecular basis of cancer	Clinical Posting			Lunch	MI 1.7 (Lecture) Describe the immunological mechanisms in health - Immunity (Innate and Acquired)	Practicals (Small Group Teaching) (Batches A,B, C) PA 6.7, 3.2 Gross: Splenic infarct,Gangrene intestine,Micro :Hemorrhagic infarct intestine, CVC- lung(OSPE) MI : 1.2, 8.7, 8.9 GRAM STAIN PH1.6, 1.7, 3.4: ADR reporting	
Day 30	OG 22.1 Describe the clinical characteristics of physiological vaginal discharge & OG 22.2 Describe and discuss the etiology (with special emphasis on Candida, T. vaginalis, bacterial vaginosis), characteristics, clinical diagnosis, investigations, genital hygiene, management of common causes and the syndromic management	Clinical Posting			Lunch	PA: 7.3 (Lecture) Enumerate carcinogens and describe the process of carcinogenesis	Practicals (Small Group Teaching) (Batches B,C, A) PA 6.7, 3.2 Hemorrhagic infarct intestine, Splenic infarct,Gangrene intestine,CVC- lung(OSPE) MI : 1.2,8.7, 8.9 GRAM STAIN PH1.6, 1.7, 3.4: ADR reporting	
Day 31	GS 5: (Lecture) Day Care Surgery and Surgical Infection	Clinical Posting			Lunch	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Antigen	Practicals (Small Group Teaching) (Batches C,A, B) PA 6.7, 3.2 ches B,C, A) PA 6.7, 3.2 Hemorrhagic infarct intestine, Splenic infarct,Gangrene intestine,CVC- lung(OSPE) MI : 1.2, 8.7, 8.9 GRAM STAIN PH1.6, 1.7, 3.4: ADR reporting	
Day 32	IM: 4.7 (Lecture) Discuss and describe the pathophysiology and manifestations of the sepsis syndrome	Clinical Posting			Lunch	PA: 3.1 (Lecture) Describe the pathogenesis and pathology of amyloidosis (CHART, OSPE)	**Seminar (Small Group Teaching) PA: 7.4,7.5, 8.1, 8.2 Describe the effects of tumor on the host including paraneoplastic syndrome. Describe immunology and the immune response to cancer Describe the diagnostic role of cytology and its application in clinical care. Describe the basis of exfoliative cytology including the technique & stains used**	

Day 33	FM: 4.1-4.2 (Small Group Teaching) - Describe Medical Ethics and its historical emergence, Describe Code of Medical Ethics 2002 conduct, Etiquette and Ethics in medical practice and unethical practices, dichotomy	Clinical Posting			Lunch	CM: 3.4 (Lecture) Describe the concept of human excreta and sewage disposal	FM: 4.3 - 4.5 (Small Group Teaching) - Describe functions and role of MCI & SMC, Indian Medical Register, Rights of a RMP, penal erasure, infamous conduct, disciplinary Committee, disciplinary procedures, warning notice and penal erasure	PH1.61 SDL- Describe and discuss dietary supplements and nutraceuticals
Day 34	Lecture - PA: (Small Group Teaching) 4.1-4.4,5.1 & 6.1 -6.7 Inflammation, wound healing & Hemodynamics Tutorials	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections- Antibody	PH: 1.48 (Lecture): Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: Beta lactam antibiotics I	MI 1.8, 8.13, 8.15 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Antigen-antibody Reaction	Lunch	PH: 1.48 (Lecture): Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: Beta lactam antibiotics II	PA: Formative Assessment of Hemodynamics, Neoplasia & Genetics Feedback & Reflection	PA: 11.3 SDL- Enumerate the clinical presentations of common storage disorders in infancy and childhood.
Day 35	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Complement	Clinical Posting			Lunch	Lecture PH: 1.48 : Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: MACROLIDES	Practicals (Small Group Teaching) (Batches A,B, C) PA 7.1: Gross & Micro:Lipoma, Leiomyoma MI 1.2, 8.7, 8.9 - Ziehl-Neelsen staining(demo) PH:1.10, 3.1 :Introduction to prescription writing, Prescriptions based on Autocoids & Chemotherapy	
Day 36	OG4.1- (Lecture) Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development, anatomy and physiology of placenta, and teratogenesis	Clinical Posting			Lunch	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Components of Immune System: Organs, Cells and Products	Practicals (Small Group Teaching) (Batches B,C, A) PA 7.1: Gross & Micro:Lipoma, Leiomyoma MI 1.2, 8.7, 8.9 - Ziehl-Neelsen staining(demo) PH:1.10, 3.1 :Introduction to prescription writing, Prescriptions based on Autocoids & Chemotherapy	
Day 37	GS 6 : (Lecture) Diagnostic imaging / GI Endoscopy & Peri-operative management of high risk surgical patient	Clinical Posting			Lunch	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Immune Responses: Cell-mediated and Antibody-mediated	Practicals (Small Group Teaching) (Batches C,A, B) PA 7.1: Gross & Micro:Lipoma, Leiomyoma MI 1.2, 8.7, 8.9- Ziehl-Neelsen staining(demo) PH:1.10, 3.1 :Introduction to prescription writing, Prescriptions based on Autocoids & Chemotherapy	
Day 38	IM: 4.8 (Lecture) Discuss and describe the pathophysiology , aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease	Clinical Posting			Lunch	(Small Group Teaching) AETCOM Module- (2.1) Patient Communication (2 hrs)		Sports

Day 39	FM: 4.6 (Lecture) Describe laws in Relation to medical practice and the duties of RMP towards patients and society	Clinical Posting			Lunch	CM: 3.4 (Lecture) Describe the concept of human excreta and sewage disposal	Lecture PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV" - Aminoglycosides	Sports
Day 40	MI: Formative Assessment of General Microbiology, Feedback & Reflection	Lecture PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV" - Broad Spectrum Antibiotics	**Horizontal Integration: MI 1.10 (Lecture) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) and discuss the laboratory methods used in detection. - Autoimmunity**	**Horizontal Integration: PA: 9.4,9.5 (Lecture) Define autoimmunity. Enumerate autoimmune disorders. Define and describe the pathogenesis of systemic Lupus Erythematosus .**	Lunch	**Horizontal Integration :PH1.50 (Lecture) "Describe mechanisms of action, types, doses, side effects, indications and contraind of immunomodulator and management of organ transplant rejection": Immunosupressants**	Research	Sports
Day 41	**Horizontal Integration: MI 1.10 (Lecture) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) and discuss the laboratory methods used in detection. - Hypersensitivity**	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA10.4: Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases.	Practicals (Small Group Teaching) (Batches A,B, C) PA 22.1 (Flipped video) Blood grouping and typing MI 1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -1	
Day 42	OG9.1Classify, define and discuses the aetiology and management of abortions including threatened, incomplete, inevitable, missed and septic	Clinical Posting			Lunch	MI 1.11 (lecture) Describe the immunological mechanisms of transplantation and tumor immunity - Transplant and Cancer Immunology	Practicals (Small Group Teaching) (Batches B,C, A) PA 22.1 (Flipped video) Blood grouping and typing MI 1.2 8.7, 8.9- Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -1	
Day 43	GS 7 : (Lecture) Skin & Subcutaneous tissue	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA11.2: Describe the pathogenesis and pathology of tumor and tumourlike conditions in infancy and childhood	Practicals (Small Group Teaching) (Batches C,A. B) PA 22.1 (Flipped video) Blood grouping and typing MI 1.2, 8.7, 8.9- Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -1	
Day 44	IM: (aligned to Pathology PA 13.1 - 13.4) (Lecture) 9.1 Define, describe and classify anemia based on red blood cell size and reticulocyte count 9.12 Describe, develop a diagnostic plan to determine the aetiology of anemia 9.7 Describe and discuss the meaning and utility of various components of the hemogram	Clinical Posting			Lunch	(Small Group Teaching) AETCOM Module- (2.1) - Foundations of Communication (1 hr)	Lecture - PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV": Quinolones	FM - SDL : Courts of Law

Day 45	FM: 4.7 (Small Group Teaching) - Describe and discuss Ethics related to HIV patients	Clinical Posting	Lunch	CM 3.7 & CM 3.8 - Small Group Teaching - Tutorials - Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures (mosquites and Other Vectors). Describe the mode of action, application cycle of commonly used insecticides	FM: 4.8 (Lecture) Describe the Consumer Protection Act-1986 (Medical Indemnity Insurance, Civil Litigations and Compensations), Workman's Compensation Act & ESI Act	PA: 9.7 - SDL- Define and describe the pathogenesis of Sjogren syndrome and scleroderma
Day 46	**Vertical Integration- MI - HIV Etiology, Pathogenesis and laboratory diagnosis, PA (9.6)- Virus & CD4 cells, PH - ART Drugs, IM - Clinical Manifestations, CM - Epidemiology & Control (Assessment & Feedback)**		Lunch	Tutorials (Small Group Teaching) - PA 12.1: Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco and alcohol	Lecture - PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV": Sulfonamides & Miscellaneous Antimicrobials	Community Medicine - SDL CM 3.1 - Indoor air pollution, water borne diseases,
Day 47	MI 8. 5, 8.6, 8.7 (lecture) Define Healthcare Associated Infections (HAI) and enumerate the types. Discuss the factors that contribute to the development of HAI and the methods for prevention - Healthcare-associated Infections & Major Healthcare-associated Infection Types	Clinical Posting	Lunch	PH 1.16, 1.50: Formative Assessment of Autocoids, Immunomodulators, Reflections & Feedback	Practicals (Small Group Teaching) (Batches A,B, C) PA 13.4 ,13.5 Hb Estimation (Flipped video), Peripheral smear staining and interpretation. MI :1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -2	
Day 48	OG 27.3 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of HIV & OG 12.7 Describe and discuss screening, risk factors, management of mother and newborn with HIV	Clinical Posting	Lunch	PA: 12.2,12.3 Seminar - (Small Group Teaching) Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation. Describe the pathogenesis of obesity and its consequences (OSPEs of Kwarshiorkor, Rickets)	Practicals (Small Group Teaching) (Batches B,C, A) PA 13.4 ,13.5 Hb Estimation (Flipped video), Peripheral smear staining and interpretation. MI :1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -2	
Day 49	GS: 8 (Lecture) Shock and Pathogenous & Stages	Clinical Posting	Lunch	PA:13.1 -13.4 (Lecture) Describe hematopoiesis and extramedullary hematopoiesis. Describe the role of anticoagulants in hematology. Define and classify anemia. Enumerate and describe the investigation of anemia	Practicals (Small Group Teaching) (Batches C,A, B) PA 13.4 ,13.5 Hb Estimation (Flipped video), Peripheral smear staining and interpretation. MI :1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -2	

Day 50	IM: (Lecture) 9.2 Describe and discuss the morphological characteristics, aetiology and prevalence of each of the causes of microcytic anemias 9.8 Describe and discuss the various tests for iron deficiency 9.14 Describe the national programs for anemia prevention	Clinical Posting	Lunch	(Small Group Teaching) AETCOM 2.2 Foundations of Bioethics (2 hrs)		Sports
Day 51	FM: 4.9- 4.11 (Small Group Teaching) - Describe violation of human rights, Describe NHRC and medico - legal issues in relation to family violence, doctorscommunication between doctors, public and media, Describe and discuss euthanasia	Clinical Posting	Lunch	CM5.1 & CM5.3 - (Lecture) Describe the common sources of various macro nutrients Describe common nutrition related health disorders their control and management	PH.1.13, 1.14 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs": Introduction to ANS & Cholinergic Drugs	Sports
Day 52	**Vertical Integration: Pathology - Nutritional amaemia: PA (14.1-14.3,15.1 -15.4) - Etiopathogenesis, MI- Microorganisms causuing anemia, PH- Treatment of anemia, IM-Clinical Manifestations, CM- Epidemiology & Prevention (Assessment & Feedback)**		Lunch	Research	Seminar (Small Group Teaching) PH1.59,1.60 Describe and discuss Pharmacogenomics and Pharmacoeconomics"	
Day 53	PH 1.14 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs": Anticholinesterases	Clinical Posting	Lunch	PA: (Lecture) 16.1,16.2 Define and classify hemolytic anemia. Describe the pathogenesis and clinical features and hematologic indices of hemolytic anemia	Practicals (Small Group Teaching) (Batches A,B, C) PA 14.3, 15.3, 16.6 Microcytic hypochromic anemia(Slide& CBC chart), Megaloblastic anemia (Chart&OSPE), Sickle cell anemia (Chart&OSPE), .MI : 1.2 , 8.7, 8.9 Spotter - General Microbiology, Immunology PH 1.12: Dosage calculation 1	
Day 54	OG 12.2 Define, classify and describe the etiology, pathophysiology diagnosis, investigations, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of anemia in pregnancy	Clinical Posting	Lunch	MI 1.9- Seminar (Small Group Teaching)-- Describe the mechanisms of immunity and response of the host immune system to infections- Immunodeficiency Disorders	Practicals (Small Group Teaching) (Batches B,C, A) PA 14.3, 15.3, 16.6 Microcytic hypochromic anemia(Slide& CBC chart), Megaloblastic anemia (Chart&OSPE), Sickle cell anemia (Chart&OSPE), .MI : 1.2 , 8.7, 8.9 Spotter - General Microbiology, Immunology PH 1.12: Dosage calculation 1	

Day 55	GS: 9 (Lecture) Lymphadenopathy (Causes & DD)	Clinical Posting			Lunch	PA: 16.3,16,4, 16.5 (Lecture) Describe the pathogenesis, features, hematologic indices and peripheral blood picture of sickle cell anemia and thalassemia. Describe the etiology pathogenesis, hematologic indices and peripheral blood picture of Acquired hemolytic anemia. Describe the peripheral blood picture in different hemolytic anaemias	Practicals (Small Group Teaching) (Batches C, A,B,) PA 14.3, 15.3, 16.6 Microcytic hypochromic anemia(Slide& CBC chart), Megaloblastic anemia (Chart&OSPE), Sickle cell anemia (Chart&OSPE), .MI : 1.2 , 8.7, 8.9 Spotter - General Microbiology, Immunology PH 1.12: Dosage calculation 1	
Day 56	FM: 4.12 - 4.15 (Small Group Teaching) - Discuss legal and ethical issues in relation to stem cell research, Describe social aspects of MLC cases, Describe & discuss challenges in managing medico-legal cases including development of skills in relationship management , Human behaviour, communication skills,Describe the principles of handling pressure.	Clinical Posting			Lunch	CM5.1 & CM5.3 - (Lecture) Describe the common sources of various micro nutrients Describe common nutrition related health disorders their control and management	MI 1.4,1.5 (Lecture) Classify and describe the different methods of sterilization and disinfection. Discuss the application of the different methods in the laboratory, in clinical and surgical practice - Sterilization and Disinfection	Community Medicine - SDL - CM 3.2: - Water Quality Standards
Day 57	Lecture - PA (Small Group Teaching) 7.1 - 8.3, 9.1 - 9.7 : Neoplasia & Immunopathology Tutorials	Lecture - PA (Small Group Teaching) 10.1 - 12.3 : Infectious disease, Genetics & Environmental diseases Tutorials	MI: Formative Assessment of Immunology Block, Feedback & reflection (1.3,1.15,5.1,6.1)	MI: Tutorials (Small Group Teaching) 1.3,1.15,5.1,6.1 - Describe the immunological mechanisms in health -Revision	Lunch	PH: Tutorials (Small Group Teaching) General Pharmacology	PH (Small Group Teaching) Tutorials - Anticancer drugs	
Day 58	I Internal Assesment Theory - PH				Lunch	Practicals (Small Group Teaching) (Batches C,A,B) PA / PH / MI : Revision		
Day 59	I Internal Assesment Theory - PA				Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA / PH / MI : Revision		
Day 60	I Internal Assesment Theory - MI				Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA / PH / MI : Revision		
Day 61	I Internal Assesment Practicals							
Day 62	I Internal Assesment Practicals							
Day 63	I Internal Assesment Practicals							
Day 64	I Internal Assesment Practicals							
Day 65	I Internal Assesment Practicals							
Day 66	GS: 10 (Lecture) Tuberculous lymphadenitis (Stages & Management)	Clinical Posting			Lunch	PH1.14 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs": Anti Cholinergic Drugs	PA: 16,3 (Lecture) Describe the pathogenesis, features, hematologic indices and peripheral blood picture of sickle cell anemia and thalassemia.	MI 1.10 SDL - Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) IImmunoprophylaxis

Day 67	IM: 10 (aligned to Pathology 16.3) IM9.2 (Lecture) Describe and discuss the morphological characteristics, aetiology and prevalence, clinical features and treatment of Sickle cell anemia and Thalassemias	Clinical Posting			Lunch	(Small Group Teaching) AETCOM 2.3 Healthcare as a Right		**SDL - PH1.43 - Describe and discuss the rational use of antimicrobials including antibiotic stewardship program**
Day 68	FM: 4.17 (Small Group Teaching) Describe and discuss principles of Ethics	Clinical Posting			Lunch	CM5.1 & CM5.2 - (Lecture) Describe the special nutritional requirements according to age, sex, activity, physiological conditions Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method	PH1.13 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs": Adrenergic Drugs	MI 1.6 SDL- Describe the mechanisms of drug resistance, and the methods of antimicrobial susceptibility testing and monitoring of antimicrobial therapyAntimicrobial Stewardship
Day 69	Tutorials (Small Group Teaching) - PA: 18.1, 19.1, 19.6 Enumerate and describe the causes of leucocytosis leucopenia lymphocytosis and leukemoid reactions. Enumerate the causes and describe the differentiating features of lymphadenopathy.	MI 8.1 (Lecture) Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course, laboratory diagnosis and prevention - Rickettsial Infections	PA: 18.2 (Lecture) Describe the etiology, genetics, pathogenesis classification, features, hematologic features of acute and chronic leukemia	PH1.13 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs": Alpha blockers	Lunch	PH1.13 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs": Beta blockers	Research	PH1.48:SDL - Drug treatment of HIV during Pregnancy
Day 70	PA: 18.2 (Lecture) Describe the etiology, genetics, pathogenesis classification, features, hematologic features of acute and chronic leukemia	Clinical Posting			Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA 13.5 Perform DC, Neutrophilia(Slide& CBC chart),Eosinophilia(Slide, CBC chart& OSPE),MI 1.6 Antibiotic sensitivity testing (Kirby Bauer & E strip, MIC- Broth) PH 2.3, 1.4: Skill Lab Parenteral Drug Administration		
Day 71	GS: 11 (Lecture) Hodgkin's & NHL	Clinical Posting			Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA 13.5 Perform DC, Neutrophilia(Slide& CBC chart),Eosinophilia(Slide, CBC chart& OSPE),MI 1.6 Antibiotic sensitivity testing (Kirby Bauer & E strip, MIC- Broth) PH 2.3, 1.4: Skill Lab Parenteral Drug Administration		

Day 72	IM: 11 (aligned with PA 18.2) (Lecture) 13.1 Describe the clinical epidemiology and inherited & modifiable risk factors for leukemias in India 13.2 Describe the genetic basis of leukemias 13.3 Describe the relationship between infection and leukemias 13.4 Describe the natural history, presentation, course, complications and cause of death for leukemias	Clinical Posting			Lunch	Practicals (Small Group Teaching) (Batches C, A,B) PA 13.5 Perform DC, Neutrophilia(Slide& CBC chart),Eosinophilia(Slide, CBC chart& OSPE),MI 1.6 Antibiotic sensitivity testing (Kirby Bauer & E strip, MIC- Broth) PH 2.3, 1.4: Skill Lab Parenteral Drug Administration		
Day 73	FM: 4.16 (Lecture) Describe & discuss Bioethics	Clinical Posting			Lunch	Lecture - CM 5.5 - Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio cultural factors.	FM: 14.9 (Small Group Teaching) Tutorials: Demonstrate examination of & present an opinion after examination of skeletal remains in a supervised environment	Sports
Day 74	PA: 20.1 (Lecture) Describe the features of plasma cell myeloma (including OSPE)	MI 8.1 8.15 (Lecture) Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course, laboratory diagnosis and prevention - Brucellosis, Leptospirosis and Borreliosis	PA: 19.4 (Lecture) Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma (Hodgkin Lymphoma - Charts)	PH1.58 (Lecture) Describe drugs used in Ocular disorders: Drugs used in ocular disorder	Lunch	Research	MI 2.7, 8.15, 8.16 - Seminar (Small Group Teaching) Describe the epidemiology, the etio-pathogenesis, evolution complications, opportunistic infections, diagnosis, prevention and the principles of management of HIV	
Day 75	**Horizontal Integration : MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Malaria**	Clinical Posting				**Horizontal Integration: PH1.47 (Lecture) "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria**	Practicals (Small Group Teaching) A, B,C Batches PA: PA 18.2, 19.7. AML(Chart), CML(Slide & OSPE), CLL(Chart),Enlarged Spleen MI 1.8, MI 8.15 Indirect methods of infectious disease diagnosis-Immunological diagnostic tests PH 1.12: Dosage calculation 2	

Day 76	OG20. 1Enumerate the indications and describe and discuss the legal aspects, indications, methods for first and second trimester MTP; complications and management of complications of Medical Termination of Pregnancy	Clinical Posting	Lunch	PA: 19.4 (Lecture) Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma	Practicals (Small Group Teaching) B, C, A Batches PA: PA 18.2, 19.7. AML(Chart), CML(Slide & OSPE), CLL(Chart),Enlarged Spleen MI 1.8, MI 8.15 Indirect methods of infectious disease diagnosis-Immunological diagnostic tests PH 1.12: Dosage calculation 2	
Day 77	GS: 12 (Lecture) Splenomegaly	Clinical Posting	Lunch	Lecture - PA: 17.2 Enumerate the indications and descibe the findings in bonemarrow aspiration and biopsy	Practicals (Small Group Teaching) C, A,B Batches PA: PA 18.2, 19.7. AML(Chart), CML(Slide & OSPE), CLL(Chart),Enlarged Spleen MI 1.8, MI 8.15 Indirect methods of infectious disease diagnosis-Immunological diagnostic tests PH 1.12: Dosage calculation 2	
Day 78	IM: 12 (aligned to PA 22) (Lecture) 9.17 Describe the indications for blood transfusion and the appropriate use of blood components 9.18 Describe the precautions required necessary when performing a blood transfusion 9.21 Determine the need for specialist consultation	Clinical Posting	Lunch	(Small Group Teaching) AETCOM 2.4 - Working in a health care team (2hrs)		PA: 17.1 SDL Enumerate the etiology, pathogenesis and findings in aplastic anemia
Day 79	FM: 4.19 (Lecture) Define Consent. Describe different types of consent and ingredients of informed consent. Describe the rules of consent and importance of consent in relation to age, emergency situation, mental illness and alcohol intoxication	Clinical Posting	Lunch	Small Group Discussion - Tutorials - CM 5.7 - Describe food hygiene	Small Group Discussion - Tutorials - CM 5..8 - Describe food borne diseases and food toxicants. Discuss the importance and methods of food fortification and effects of additives and adulteration. Discuss the importance of food standards and Prevention of Food Adulteration Act	SDL CM 5..8 - Describe food borne diseases and food toxicants
Day 80	FEEDBACK & PTM		Lunch	Research		
Day 81	Tutorials (Small Group Teaching) PA: 18.2 Case discussion - Acute myeloid leukemia	Clinical Posting	Lunch	MI : 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease Normal Human Microbiota Bacterial Taxonomy	Practicals (Small Group Teaching) (Batches A, B, C) PA 27.8, 27.5, 26.1, 26.3 -CBC charts MI -General principles of laboratory diagnosis of Parasitic diseases PH- Revision	
Day 82	Small Group Teaching (Tutorial) - PH1.4 - Pharmacokinetics Revision	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA: 18.2 Case discussion - Chronic myeloid leukemia	Practicals (Small Group Teaching) (Batches B, C, A) PA 27.8, 27.5, 26.1, 26.3 Revision MI -General principles of laboratory diagnosis of Parasitic diseases PH- Revision	

Day 83	MI 1.1 (Tutorials) (Small Group Teaching) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease Epidemiology of Infectious Diseases	Clinical Posting			Lunch	Small Group Teaching (Tutorial) - PH1.5 - Pharmacodynamics Revision	Practicals (Small Group Teaching) (Batches C, A, B) PA 27.8, 27.5, 26.1, 26.3 Revision MI -General principles of laboratory diagnosis of Parasitic diseases PH- Revision	
Day 84	Small Group Teaching (Tutorial) - PH1.5 - Factors affecting drug action	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 16.3 Sickle cell anaemia Revision	MI :1.1 Seminar (Small Group Teaching) - Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease Normal Human Microbiota	Sports
Day 85	FM: (Small Group Teaching) Tutorials 14.4: Bones age estimation - Revision	Clinical Posting			Lunch	Lecture - CM 5..8 - Describe food borne diseases and food toxicants Discuss the importance and methods of food fortification and effects of additives and adulteration Discuss the importance of food standards and Prevention of Food Adulteration Act	PH1.5,1.6,1.7 Small group Teaching (Tutorials) Pharmacovigilance	Sports
Day 86	PH1.64 Small Group Teaching (Tutorials) Drug develoment Process	PH1.16 Small Group Discussion (Tutorials) Prostagalandins	Tutorials (Small Group Teaching) - PA: 16.4Hemolytic anaemia Revision	Tutorials (Small Group Teaching) - PA: 18.2 Acute Leukemia Revision	Lunch	MI 1.10 Tutorials (Small Group Teaching) (Revision) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) Immunoprophylaxis	Revision- MI 1.10 (Lecture) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states)	Sports
Day 87	PH 1.16 Small Group Discussion (Tutorials) NSAID's	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 19.4 Hodgkin lymphoma Revision	Practicals (Small Group Teaching) (Batches A, B, C) PA 27.8, 27.5, 26.1, 26.3 Revision MI - 1.2, 8.9, Revision PH- Revision	
Day 88	MI: 1.8 Tutorials (Small Group Teaching) Describe the mechanisms of immunity and response of the host immune system to infections Immune Responses	Clinical Posting			Lunch	**SDL - PH1.56 - Describe the basic aspects of Geriatric Pharmacology**	Practicals (Small Group Teaching) (Batches B, C, A) PA 27.8, 27.5, 26.1, 26.3 Revision MI - 1..2, 8.9, Revision PH- Revision	
Day 89	PH 1.16 Small Group Discussion (Tutorials) Antihistamines	Clinical Posting			Lunch	MI: 1.8 8.13, 8.15 Lecture - Describe the mechanisms of immunity and response of the host immune system to infections- Antigen-antibody Reaction	Practicals (Small Group Teaching) (Batches C, A, B) PA 27.8, 27.5, 26.1, 26.3 Revision MI -1.2, MI 8.9, Revision PH- Revision	
Day 90	PH 1.49 Small Group Discussion (Tutorials) Anticancer drugs	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 20.1 Plasma cell myeloma Revision	MI 1.10 Seminar (Small Group Teaching)- - Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) - Hypersensitivity-type1	Sports

Day 91	FM: 4.20 (Small Group Teaching) Describe therapeutic privilege, Malingering, Therapeutic Misadventure, Professional Secrecy, Human Experimentation	Clinical Posting	Lunch	Lecture - CM 5..6 - Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	Small Group Discussion - Tutorials - CM 5.4 - Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment	PA: 15.4 - SDL - Enumerate the differences and describe the distinguishing features of megaloblastic and non-megaloblastic macrocytic anemia
Day 92	**Vertical integration - PA (21.1 -21.5) Platelet & coagulation disorders - Etieopathogenesis IM -Clinical Manifestations, PH - Treatment for Platelet & Coagultion Disorders (Assessment & Feedback)**		Lunch	Research		**SDL - PH1.56 - Describe the basic aspects of Paediatric Pharmacology**
Day 93	MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Trypanosomiasis	Clinical Posting	Lunch	PA: Formative Assessment of Hematology Module- 1, feedback & Reflection	Practicals (Small Group Teaching) (Batches A,B, C) PA 21.3, 16.6, Haemophilia, ITP(Charts), CBC chart of Thrombocytopenia MI 1.2, 2.5,2.6 - General principles of laboratory diagnosis of Parasitic diseases- Stool examination Demo + malaria PH 1.13, 1,14 - Drugs acting on ANS - Charts -1	
Day 94	OG12.8 - (Lecture) Describe the mechanism, prophylaxis, fetal complications, diagnosis and management of isoimmunization in pregnancy	Clinical Posting	Lunch	PA: 22.1, 22.2, 22.4 (Lecture) Classify and describe blood group systems (ABO and RH). Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing. Enumerate blood components and describe their clinical uses.	Practicals (Small Group Teaching) (Batches B,C, A) PA 21.3, 16.6, Haemophilia, ITP(Charts), CBC chart of Thrombocytopenia MI 1.2, 2.5,2.6 - General principles of laboratory diagnosis of Parasitic diseases- Stool examination Demo + malaria PH 1.13, 1,14 - Drugs acting on ANS - Charts -1	
Day 95	GS: SU1.1 Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators.	Clinical Posting	Lunch	PA: 22.5, 22.6, 22.7 (Lecture) Enumerate and describe infections transmitted by blood transfusion. Describe transfusion reactions and enumerate the steps in the investigation of a transfusion reaction. Enumerate the indications and describe the principles and procedure of autologous transfusion.	Practicals (Small Group Teaching) (Batches C, A, B) PA 21.3, 16.6, Haemophilia, ITP(Charts), CBC chart of Thrombocytopenia MI 1.2, 2.5,2.6 - General principles of laboratory diagnosis of Parasitic diseases- Stool examination Demo + malaria PH 1.13, 1,14 - Drugs acting on ANS - Charts - 1	

Day 96	IM: 8.4 Define and classify hypertension IM8.1 Describe and discuss the epidemiology, aetiology and the prevalence of primary and secondary hypertension IM8.2 Describe and discuss the pathophysiology of hypertension IM8.3 Describe and discuss the genetic basis of hypertension IM8.5 Describe and discuss the differences between primary and secondary hypertension	Clinical Posting			Lunch	(Small Group Teaching) AETCOM 2.4 - Working in a health care team (2hrs)		Community Medicine - SDL CM - 3.7 - Life cycles of vectors of Public Health importance and their control measures
Day 97	FM: 4.21-4.23 (Small Group Teaching) Describe products liability, Oath – Hippocrates, Describe Declaration of Geneva and its relevance	Clinical Posting			Lunch	Small Group Teaching - CM 7.1, 7.3, 7.4 - Define Epidemiology and describe and enumerate the principles, oncepts and uses Enumerate, describe and discuss the sources of epidemiological data. Define, calculate and interpret morbidity and mortality indicators based on given set of data	FM: 4.24 (Lecture) Enumerate rights, privileges and duties of a RMP, doctor- pt relationship, professional secrecy and privileged communication	Sports
Day 98	**Horizontal Integration: Lecture - PA: 27.1 Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of arteriosclerosis**	**Horizontal Integration: Lecture PH 1.31: - Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in the management of dyslipidemias: Hypolipidemics**	Research	**Horizontal Integration: MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Lymphatic Filariasis**	Lunch	**Horizontal Integration: MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Leishmaniasis (Visceral/ Cutaneous)**	**Horizontal Integration: Seminar (Small Group Teaching) PH1.47 - Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in Kala-azar, and helminthiasis": Antihelminthic Drugs - Leishmania & Filaria**	PA 27.10 SDL Describe the etiology, pathophysiology, pathology features and complications of syphilis on the cardiovascular system
Day 99	Tutorials (Small Group Teaching) -PA: 27.1, 27.2 Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of arteriosclerosis. Describe the etiology, dynamics, pathology types and complications of aneurysms including aortic aneurysms. - Hypertension & aneurysms	Clinical Posting			Lunch	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Viral Hemorrhagic Fever (VHF)	Practicals (Small Group Teaching) (Batches A,B, C)PA 27.1& PA16.5 Gross- Atherosclerosis , OSPEs of Basophillic stippling, Reticulocytes, Target cells MI4.3,8.1,2.7, 8.12, 8.14- General principles of laboratory diagnosis of Viral diseases- Dengue & HIV PH 1.13, 1,14 - Drugs acting on ANS - Charts - 2	

Day 100	**Horizontal Integration: Lecture - PA : 27.5 Describe the epidemiology, risk factors, etiology, pathophysiology, pathology, presentations, gross and microscopic features, diagnostic tests and complications of ischemic heart disease**	Clinical Posting	Lunch	**Horizontal Integration: PH: 1.28: Lecture - Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease (stable, unstable angina and myocardial infarction), peripheral vascular disease: Anti Anginal drugs, Treatment of MI**	Practicals (Small Group Teaching) (Batches A,B, C)PA 27.1, PA16.5 Gross- Atherosclerosis , OSPEs of Basophillic stippling, Reticulocytes, Target cells MI4.3,8.1,2.7, 8.12, 8.14- General principles of laboratory diagnosis of Viral diseases- Dengue & HIV PH 1.13, 1,14 - Drugs acting on ANS - Charts - 2	
Day 101	PH: 1.26: Lecture - Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs modulating the renin-angiotensin and aldosterone system:Drug acting on RAAS	Clinical Posting	Lunch	Lecture PH: 1.27: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock: Anti hypertensive drugs-1	Practicals (Small Group Teaching) (Batches A,B, C)PA 27.1 & PA16.5 Gross- Atherosclerosis , OSPEs of Basophillic stippling, Reticulocytes, Target cells MI4.3,8.1,2.7, 8.12, 8.14- General principles of laboratory diagnosis of Viral diseases- Dengue & HIV PH 1.13, 1,14 - Drugs acting on ANS - Charts - 2	
Day 102	Lecture PH: 1.27:Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock: Anti hypertensive drugs-2	Clinical Posting	Lunch	**Horizontal Integration: MI 2.1, 2.3 (Lecture) Describe the etiologic agents in rheumatic fever and their diagnosis - Acute Rheumatic Fever - Streptococcus pyogenes**	**Horizontal Integration: Lecture - PA 27.4 Describe the etiology, pathophysiology, pathology, gross and microscopic features, criteria and complications of rheumatic fever**	SDL - PH1.28 - Rationale of drugs used in an acute myocardial infarction
Day 103	FM: 14.9 (Small Group Teaching) Tutorials: Demonstrate examination of & present an opinion after examination of skeletal remains in a supervised environment	Clinical Posting	Lunch	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Descriptive Epidemiology	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Case Control Study Design	SDL - CM 7..4 - Morbidity and mortality indicators
Day 104	Infective endocarditis- Vertical Integration (PA (27.6), MI, PH (1), IM)		Lunch	Tutorials (Small Group Teaching) - PA : Revision	PH 1.16, 1.50: Formative Assessment of , Reflections & Feedback	Sports
Day 105	Lecture - PH: 1.30:Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the antiarrhythmics: Anti Arrhythmic agents	Clinical Posting	Lunch	MI 1.1, 8.15 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Systemic Mycoses & Systemic Candidiasis	Practicals (Small Group Teaching) (Batches A,B, C) PA 27.8, 27.5 Chart of Cardiac function testing in acute coronary syndromes,Myocardial infarction - Chart, Rheumatic Pericarditis -OSPE MI 2.1, 2.2.2.3 Laboratory diagnosis of Infective endocarditis & Rheumatic heart disease PH3.5, 5.4 - "To prepare and explain a list of P-drugs for a given case/condition," Explain to the patient the relationship between cost of treatment and patient compliance	

Day 106	OG12.1 Define, classify and describe the etiology and pathophysiology , early detection, investigations; principles of management of hypertensive disorders of pregnancy and eclampsia, complications of eclampsia.	Clinical Posting	Lunch	Lecture - PH: 1.29: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure: Drugs for cardiac failure - 1	Practicals (Small Group Teaching) (Batches A,B, C) PA 27.8, 27.5 Chart of Cardiac function testing in acute coronary syndromes,Myocardial infarction - Chart, Rheumatic Pericarditis -OSPE MI 2.1, 2.2.2.3 Laboratory diagnosis of Infective endocarditis & Rheumatic heart disease PH3.5, 5.4 - "To prepare and explain a list of P-drugs for a given case/condition," Explain to the patient the relationship between cost of treatment and patient compliance	
Day 107	GS: SU1.2 Describe the factors that affect the metabolic response to injury	Clinical Posting	Lunch	Lecture - PH: 1.29: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure: Drugs for cardiac failure - 2	Practicals (Small Group Teaching) (Batches A,B, C) PA 27.8, 27.5 Chart of Cardiac function testing in acute coronary syndromes,Myocardial infarction - Chart, Rheumatic Pericarditis -OSPE MI 2.1, 2.2.2.3 Laboratory diagnosis of Infective endocarditis & Rheumatic heart disease PH3.5, 5.4 - "To prepare and explain a list of P-drugs for a given case/condition," Explain to the patient the relationship between cost of treatment and patient compliance	
Day 108	IM: 8.7 Describe and discuss the clinical manifestations of the various aetiologies of secondary causes of hypertension. IM8.6 Define, describe and discuss and recognise hypertensive urgency and emergency IM8.8 Describe, discuss and identify target organ damage due to hypertension	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA: 27.7 - Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of pericarditis and pericardial effusion	Seminar (Small Group Teaching) - PA: 27.3 Describe the etiology, types, stages pathophysiology, pathology and complications of heart failure	Sports
Day 109	FM: 4.25-4.27 (Small Group Teaching) Clinical research & Ethics: Discuss human experimentation including clinical trials, Discuss the constitution and functions of ethics committee, Describe and discuss Ethical Guidelines for Biomedical Research on Human & Animals	Clinical Posting	Lunch	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Cohort Study Design	FM: 2.1- 2.3 (Lecture) Define, describe and discuss death and its types including somatic / clinical / cellular, molecular and brain-death, Cortical Death and Brainstem Death,Describe and discuss natural and unnatural deaths, Describe and discuss issues related to sudden natural deaths	SDL - MI 6.1,6.2,8.15- Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract- Acinetobacter, Burkholderiaand Others

Day 110	PA: Formative Assessment of CVS & RS, feedback & Reflection	MI 6.1,6.2,8.15 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Diphtheria and Others	**Horizontal Integration: MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Bacterial lobar Pneumonia**	**Horizontal Integration (Lecture) - PA: 26.1, 26.2 Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia. Describe the etiology, gross and microscopic appearance and complications of lung abscess**	Lunch	Research	**Seminar (Small group teaching) PH: 1.27: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock; - Drugs for PVD, Drugs for Shock**
Day 111	**Horizontal Integration: MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Bacterial Atypical (Interstitial) Pneumonia**	Clinical Posting			Lunch	**Horizontal Integration: Lecture - PA: 26.3 Define and describe the etiology, types, pathogenesis, stages, morphology and complications and evaluation of Obstructive airway disease (OAD) and bronchiectasis**	Practicals (Small Group Teaching) (Batches C,A, B) PA 26.1, 26.3 Pneumonia, Emphysema & Bronchiectasis chart, OSPEs of Silicosis & SCC-Lung MI 1.1, 4.3, 8.1-General principles of laboratory diagnosis of fungal diseases - Candidemia - Clinical scenario PH 3.1 "Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient" - ANS & CVS prescriptions
Day 112	**Horizontal Integration: Lecture- PH: 1.32; 1.33: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD Describe the mechanism of action, types, doses, side effects, indications and contraindications of the drugs used in cough (antitussives, expectorants/ mucolytics): Drugs for asthma and cough - 1**	Clinical Posting			Lunch	**Horizontal Integration: Lecture- PH: 1.32; 1.33: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD Drugs for asthma - 2**	Practicals (Small Group Teaching) (Batches C,A, B) PA 26.1, 26.3 Pneumonia, Emphysema & Bronchiectasis chart, OSPEs of Silicosis & SCC-Lung MI 1.1, 4.3, 8.1-General principles of laboratory diagnosis of fungal diseases - Candidemia - Clinical scenario PH 3.1 "Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient" - ANS & CVS prescriptions

Day 113	MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Myxovirus Infections of Respiratory Tract: Influenza, Parainfluenza, Mumps , Respiratory Syncytial Virus	Clinical Posting	Lunch	MI 6.1,6.3 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Coronavirus Infections Including COVID-19	Practicals (Small Group Teaching) (Batches C,A, B) PA 26.1, 26.3 Pneumonia, Emphysema & Bronchiectasis chart, OSPEs of Silicosis & SCC-Lung MI 1.1, 4.3, 8.1-General principles of laboratory diagnosis of fungal diseses - Candidemia - Clinical scenario PH 3.1 "Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient" - ANS & CVS prescriptions	
Day 114	Lecture - PA: 26.6, 26.7 "Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance, metastases and complications of tumors of the lung and pleura (Mesothelioma).	Clinical Posting	Lunch	MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Miscellaneous Viral Infections of Respiratory Tract: Rhinovirus, Adenovirus andInfectious Mononucleosis (Epstein-Barr Virus)	Seminar (Small Group Teaching) -PA: 26.5: Define and describe the etiology, types, exposure, environmental influence, pathogenesis, stages, morphology, microscopic appearance and complications of Occupational lung disease	
Day 115	FM: 2.4 (Lecture) Describe salient features of the Organ Transplantation and The Human Organ Transplant (Amendment) Act 2011 and discuss ethical issues regarding organ donation.	Clinical Posting	Lunch	CM - Formative Assessment, Feedback & Reflection - Concept of Health and Disease, Communication and Health Education, Health Care of the Community, Environment and Health, Nutrition	Small Group Teaching - Tutorials - CM 7.8 - Describe the principles of association, causation and biases in epidemiological studies	FM: SDL Anthropometry
Day 116	TUBERCULOSIS: PA (26.4). PH1.44; PH: 1.45: Describe the first line antitubercular dugs, their mechanisms of action, side effects and doses. Describe the dugs used in MDR and XDR Tuberculosis (2 hrs), MI(2). IM, GS, CM (Integration)		Lunch	TB: PA. PH, MI. IM, GS,CM (Integration)		Sports
Day 117	**Horizontal Integration: MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract. - Fungal Infections: Zygomycosis, Aspergillosis, Pneumocystosis and Others**	Clinical Posting	Lunch	**Horizontal Integration: Lecture - PH: 1.57 Describe drugs used in skin disorders: Antifungal drugs**	Practicals (Small Group Teaching) (Batches A,B, C) PA 24.7 PA 24.3, 24.4 Peptic ulcer - OSPE, Gross :Carcinoma Stomach, Carcinoma Colon, Slide - Ca colon MI 6.2, 6.3 -Laboratory diagnosis of Upper & Lower respiratory tract infections Zygomycosis, Aspergillosis, Klebseilla spp PH 3.6 "Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs"	

Day 118	OG 12.4 Define, classify and describe the etiology, pathophysiology , diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of heart diseases in pregnancy	Clinical Posting	Lunch	MI: Formative Assesment & feed back- CVS 2.1-2.6	Practicals (Small Group Teaching) (Batches A,B, C) PA 24.7 PA 24.3, 24.4 Peptic ulcer - OSPE, Gross :Carcinoma Stomach, Carcinoma Colon, Slide - Ca colon MI 6.2, 6.3 -Laboratory diagnosis of Upper & Lower respiratory tract infections Zygomycosis, Aspergillosis , Klebseilla spp PH 3.6 "Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs"	
Day 119	GS: SU2.1 Describe Pathophysiolog y of shock, types of shock & principles of resuscitation including fluid replacement and monitoring	Clinical Posting	Lunch	Seminar -MI 6.1,6.2 - Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract- Pertussis	Practicals (Small Group Teaching) (Batches A,B, C) PA 24.7 PA 24.3, 24.4 Peptic ulcer - OSPE, Gross :Carcinoma Stomach, Carcinoma Colon, Slide - Ca colon MI 6.2, 6.3 -Laboratory diagnosis of Upper & Lower respiratory tract infections Zygomycosis, Aspergillosis , Klebseilla spp PH 3.6 "Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs"	
Day 120	IM: 8.12 Describe the appropriate diagnostic work up based on the presumed aetiology IM8.13 Enumerate the indications for and interpret the results of : CBC, Urine routine, BUN, Cr, Electrolytes, Uric acid, ECG IM8.14 Develop an appropriate treatment plan for essential hypertension IM8.20 Determine the need for specialist consultation	Clinical Posting	Lunch	(Small Group Teaching) AETCOM 2.4 - Working in a health care team (2hrs)		PA: SDL 27.9 Classify and describe the etiology, types, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of cardiomyopathies
Day 121	FM: 2.5 - 2.7 (Small Group Teaching) Discuss moment of death, modes of death - coma, asphyxia and syncope, Discuss presumption of death and survivorship, Describe and discuss suspended animation.	Clinical Posting	Lunch	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Randomized Controlled Trials	FM: (Small Group Teaching) Tutorials 14.4: Estimate the age of a person by using physical, dental and radiological findings	OG : Formative Assessment, Feedback & Reflections

Day 122	Tutorials (Small Group Teaching) - PA: 24.1 Describe the etiology, pathogenesis, pathology and clinical features of oral cancers - Oral cancers, Barrett oesophagus & common Salivary glands tumours	**Horizontal Integration: MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents. Helicobacter, Campylobacter and Clostridioides difficile Infections**	**Horizontal Integration: Lecture - PA: 24.2 Describe the etiology, pathogenesis, pathology, microbiology, clinical and microscopic features of peptic ulcer disease**	**Horizontal Integration: Lecture - PH: 1.34: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 1. Acid-peptic disease and GERD**	Lunch	Lecture PH: 1.34: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 2. Antiemetics and prokinetics	Seminar (Small Group Teaching)- MI 6.1,6.2 Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract- Nontuberculous Mycobacteria Infections	GS: : Formative Assessment, Feedback & Reflections
Day 123	PH: Formative Assessment, Reflections & Feedback	Clinical Posting			Lunch	MI 3.3, 3.4, 8.15 (Lecture) Describe the enteric fever pathogens and discuss the evolution of the clinical course and the laboratory diagnosis of the diseases caused by them - Enteric fever - Salmonella &Nontyphoidal Salmonellosis	Practicals (Small Group Teaching) (Batches A,B, C) PA: Skills Lab - Ascitic fluid Tapping MI1.2, MI3.1, MI3.2 Laboratory diagnosis of Enteric fever Salmonella typhi, Sal paratyphi –A, WIDAL PH3.2 Critical appraisal (audit) of a given prescription" - based on ANS, CVS, RS	
Day 124	MI 3.1 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Gastrointestinal Infections due to Enterobacteriaceae : Diarrheagenic Escherichia coli, Shigellosis and Yersiniosis	Clinical Posting			Lunch	Lecture - PA: 24.4 Describe and etiology and pathogenesis and pathologic features of carcinoma of the stomach	Practicals (Small Group Teaching) (Batches B, C, A) PA: Skills Lab - Ascitic fluid Tapping MI1.2, MI3.1, MI3.2 Laboratory diagnosis of Enteric fever Salmonella typhi, Sal paratyphi –A, WIDAL PH3.2 Critical appraisal (audit) of a given prescription" - based on ANS, CVS, RS	
Day 125	**Horizontal Integration: Lecture - PA: 24.6 Describe and etiology and pathogenesis and pathologic and distinguishing features of Inflammatory bowel disease**	Clinical Posting			Lunch	**Horizontal Integration: Lecture - PH: 1.34: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 3. Antidiarrhoeals 4 . Laxatives 5. Inflammatory Bowel Disease 6. Irritable Bowel Disorders, biliary and pancreatic diseases: Drugs for constipation & diarrhea, IBD & IBS**	Practicals (Small Group Teaching) (Batches C, A, B) PA: Skills Lab - Ascitic fluid Tapping MI1.2, MI3.1, MI3.2 Laboratory diagnosis of Enteric fever Salmonella typhi, Sal paratyphi –A, WIDAL PH3.2 Critical appraisal (audit) of a given prescription" - based on ANS, CVS, RS	

Day 126	MI 3.1 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Cholera, HalophilicVibrio and Aeromonas Infections	Clinical Posting			Lunch	(Small Group Teaching) AETCOM Module 2.5- Bioethics - Patient autonomy and decision making(2 hrs)		SDL AETCOM Module 2.5- Bioethics (1Hr)
Day 127	FM: 2.8 (Lecture) Describe and discuss postmortem changes: signs of death, cooling of body, post-mortem lividity, rigor mortis, cadaveric spasm, cold stiffening & heat stiffening	Clinical Posting			Lunch	Small Group Teaching - Tutorials - CM 7.2 - Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable diseases and non communicable diseases (Disease Prevention and Control)	Small Group Teaching - Tutorials - CM 7.2 - Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable diseases (Immunization, Cold Chain, AEFI – Adverse Effects Following Immunization)	PA: 24.5 SDL Describe and etiology and pathogenesis and pathologic features of Tuberculosis of the intestine
Day 128	MI 3.5 (Lecture) Enumerate the causative agents of food poisoning and discuss the pathogenesis, clinical course and laboratory diagnosis - Food Poisoning: S. aureus, Bacillus cereus, Clostridium botulinum and Others	Lecture - PA: 24.7 Describe the etiology, pathogenesis, pathology and distinguishing features of carcinoma of the colon	MI:1.9 Lecture- Explain the classification, pathogenesis, clinical features and laboratory diagnosis of Shigella. Discuss the different types of Diarrhoeogenic E Coli	Tutorials (Small Group Teaching) - PA: 25.1 - Describe bilirubin metabolism, enumerate the etiology and pathogenesis of jaundice, distinguish between direct and indirect hyperbilirubinemia.	Lunch	Research	Seminar (Small group teaching) PH1.47: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, KALA-AZAR, amebiasis and intestinal helminthiasis, Describe and discuss the following National Health Programmes including : Malaria - Antihelminthics	
Day 129	MI: Formative Assessment of Respiratory Module- feedback & Reflection	Clinical Posting			Lunch	Lecture - PA : 25.4 Describe the pathophysiology, pathology and progression of alcoholic liver disease including cirrhosis	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI1.2, MI3.1, MI3.2 - Laboratory diagnosis of Dysentery- Shigella, E coli PH3.2 Critical appraisal (audit) of a given prescription" - based on Chemo, Autocoids	
Day 130	OG 27.2 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of genital tuberculosis	Clinical Posting			Lunch	Lecture PH1.20,1.21: "Describe the effects of acute and chronic ethanol intake Describe the symptoms and management of methanol and ethanol poisonings" - Alcohol	Practicals (Small Group Teaching) (Batches B, C, A) PA Revision MI1.2, MI3.1, MI3.2 - Laboratory diagnosis of Dysentery- Shigella, E coli PH3.2 Critical appraisal (audit) of a given prescription" - based on Chemo, Autocoids	
Day 131	GS: SU2.2 Describe the clinical features of shock and its appropriate treatment	Clinical Posting			Lunch	Lecture - PA :25.2, 25.5: Describe the pathophysiology and pathologic changes seen in hepatic failure and their clincial manifestations, complications and consequences . Describe the etiology, pathogenesis and complications of portal hypertension	Practicals (Small Group Teaching) (Batches C, A, B) PA Revision MI1.2, MI3.1, MI3.2 - Laboratory diagnosis of Dysentery- Shigella, E coli PH3.2 Critical appraisal (audit) of a given prescription" - based on Chemo, Autocoids	

Day 132	IM: 1.1, 1.2,1.4,1.5,1.6,1.7 Rheumatic/ valvular, ischemic, hypertrophic inflammatory. Genetic basis of some forms of heart failure. Stage heart failure. Describe ,discuss and differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure Compensatory mechanisms involved in heart failure including cardiac remodelling and neurohormonal adaptations. Factors that exacerbate heart failure including ischemia, arrythmias, anaemia, thyrotoxicosis, dietary factors drugs etc	Clinical Posting	Lunch	(Small Group Teaching) AETCOM Module 2.5- Bioethics - Patient autonomy and decision making(2 hrs)		SDL AETCOM Module 2.5- Bioethics (1Hr)
Day 133	FM: Formative Assessment - 1, feedback & Reflection	Clinical Posting	Lunch	Small Group Teaching - Tutorials -CM 7.2 - Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable diseases (Disinfection)	FM: 2.9, 2.10 (Small Group Teaching) Describe Putrefaction, mummification, adipocere and maceration Discuss estimation of time since death, Forensic entomology.	PH: SDL - PH1.23: Describe the process and mechanism of Drug Deaddiction
Day 134	Viral hepatitis - PA (25.3), MI, PH1.48, IM		Lunch	MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Intestinal Cestode Infections: Diphyllobothrium, Taenia, Hymenolepis	Tutorials (Small Group Teaching) - PA :25.6: Distinguish obstructive from non-obstructive jaundice based on clinical features and liver function tests	IM : Formative Assessment, Feedback & Reflections
Day 135	**Horizontal Integration: MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Intestinal Protozoan Infections: Intestinal Amoebiasis, Giardiasis,**	Clinical Posting	Lunch	**Horizontal Integration: PH1.47 (Lecture) "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in amebiasis": Antiamoebic Drugs**	Practicals (Small Group Teaching) (Batches A,B, C) PA 25.6,25.4 LFT & Viral hepatitis serology Interpretation, Gross &Micro- Cirrhosis Liver MI:1.2,3.1,3.2 Laboratory Diagnosis of Intestinal helminthic infections, E histolytica lAscaris, Hook worm, Taenia, pin worm PH2.2 "Prepare oral rehydration solution from ORS packet and explain its use"	

Day 136	OG9.5Describe the etiopathology, impact on maternal and fetal health and K principles of management of hyperemesis gravidarum	Clinical Posting	Lunch	MI: 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Strongyloides, Enterobius , Trichuris	Practicals (Small Group Teaching) (Batches A,B, C) PA 25.6,25.4 LFT & Viral hepatitis serology Interpretation, Gross &Micro- Cirrhosis Liver MI:1.2,3.1,3.2Laboratory Diagnosis of Intestinal helminthic infections,E histolytica lAscaris, Hook worm, Taenia, pin worm PH2.2 "Prepare oral rehydration solution from ORS packet and explain its use"	
Day 137	GS: SU4.2 Describe Clinical features, Diagnosetype and extent of burns and plan appropriate treatment	Clinical Posting	Lunch	Lecture- PA 32.6 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications and metastases of pancreatic cancer	Practicals (Small Group Teaching) (Batches A,B, C) PA 25.6,25.4 LFT & Viral hepatitis serology Interpretation, Gross &Micro- Cirrhosis Liver MI:1.2,3.1,3.2 Laboratory Diagnosis of Intestinal helminthic infections,E histolytica lAscaris, Hook worm, Taenia, pin worm PH2.2 "Prepare oral rehydration solution from ORS packet and explain its use"	
Day 138	IM:1.3, 1.9, 1.20, 1.27 Rheumatic fever, criteria, degree of rheumatic activity and rheumatic valvular heart disease and its complications including infective endocarditis. Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever. Determine the severity of valvular heart disease based on the clinical and laboratory and imaging features and determine the level of intervention required including surgery.The role of penicillin prophylaxis in the prevention of rheumatic heart disease	Clinical Posting	Lunch	MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Intestinal Nematode Infections; Hookworm, Ascaris	Tutorials (Small Group Teaching) PA: Hematology Revision	SDL- MI 3.7,3.8, 8.15 (Lecture) Describe the epidemiology, the etio-pathogenesis and discuss the viral markers in the evolution of Viral hepatitis. Discuss the modalities in the diagnosis and prevention of viral hepatitis- Hepatitis A & E
Day 139	II Internal Assesment Theory - PH		Lunch	Practicals (Small Group Teaching) (Batches C,A,B) PA / PH / MI : Revision		
Day 140	II Internal Assesment Theory - PA		Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA / PH / MI : Revision		
Day 141	II Internal Assesment Theory - MI		Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA / PH / MI : Revision		
Day 142	II Internal Assesment Practicals					
Day 143	II Internal Assesment Practicals					
Day 144	II Internal Assesment Practicals					
Day 145	II Internal Assesment Practicals					
Day 146	II Internal Assesment Practicals					

Day 147	MI 3.1, 3.2 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Amoebic Liver Abscess, Hydatid Disease (Echinococcosis)	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA 28.1 & 28.2 Describe the normal histology of the kidney. Define, classify and distinguish the clinical syndromes and describe the etiology, pathogenesis, pathology, morphology, clinical and laboratory and urinary findings, complications of renal failure - Nephrotic syndrome	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.1 Urine analysis- Physical examination MI3.7, MI3.8- Laboratory diagnosis of Hepatic infections- Hep B , Hep C, (ICT & elisa test) Hydatid cyst PH3.7 Prepare a list of essential medicines for a healthcare facility	
Day 148	OG29. 1Describe and discuss the etiology; pathology; clinical features; differential diagnosis; investigations; principles of management, complications of fibroid uterus	Clinical Posting	Lunch	Lecture - PA: 28.5 Define and classify glomerular diseases. Enumerate and describe the etiology, pathogenesis, mechanisms of glomerular injury, pathology, distinguishing features and clinical manifestations of glomerulonephritis	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.1 Urine analysis- Physical examination MI3.7, MI3.8- Laboratory diagnosis of Hepatic infections- Hep B , Hep C, (ICT & elisa test) Hydatid cyst PH3.7 Prepare a list of essential medicines for a healthcare facility	
Day 149	GS: SU4.1 Describe Pathophysiology of Burns	Clinical Posting	Lunch	Tutorials (Small Group Teaching) - PA: 28.8, 28.10 Enumerate and classify diseases affecting the tubular interstitium. Describe the etiology, pathogenesis, pathology, laboratory findings, distinguishing features progression and complications of acute and chronic pyelonephritis and reflux nephropathy.	Practicals (Small Group Teaching) (Batches C, A, B) PA 23.1 Urine analysis- Physical examination MI3.7, MI3.8- Laboratory diagnosis of Hepatic infections- Hep B , Hep C, (ICT & elisa test) Hydatid cyst PH3.7 Prepare a list of essential medicines for a healthcare facility	
Day 150	IM: IM1.8, 1.19, 1.23, 1.24,1.25 Atrial fibrillation. Describe the findings of heart failure with the following conditions including: 2D, echo, brain natriuretic peptide, exercise testing, nuclear medicine testing and coronary angiogram. Non pharmacologic management of heart failure Drug management of heart failure including diuretics, ACE inhibitors, Beta blockers, aldosterone antagonists and cardiac glycosides. Enumerate the indications for valvuloplasty, valvotomy, coronary revascularization and cardiac transplantation	Clinical Posting	Lunch	AETCOM Module 2.6- Bioethics (2 hrs) (Small Group Teaching)		SDL AETCOM Module 2.6- Bioethics (1Hr)

Day 151	FM: 2.11 - 2.12 (Small Group Teaching) Describe and discuss autopsy procedures including post-mortem examination, different types of autopsies, aims and objectives of post-mortem, examinationDescribe the legal requirements to conduct post-mortem examination and procedures to conduct medico-legal post-mortem examination.	Clinical Posting			Lunch	Lecture - CM 7.7 - Describe and demonstrate the steps in the Investigation of an epidemic of communicable disease and describe the principles of control measures	FM: 2.13-2.14 (Small Group Teaching) Describe and discuss obscure autopsy, Describe and discuss examination of clothing, preservation of viscera, post-mortem artefacts.	Sports
Day 152	MI 7.1,7.3 (Lecture) Describe the etio-pathogenesis and discuss the laboratory diagnosis of infections of genitourinary system - UTI- Enterobacteriaceae, Enterococcus, CONS	Tutorials (Small Group Teaching) - PA : 28.4, PA:28.13 Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings progression and complications of chronic renal failure.(CGN). Renal stone disease and obstructive uropathy.	**Horizontal Integration: MI 7.2 (Lecture) Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures - Syphilis, LymphogranulomaVenerum, Granuloma Inguinale, Soft Chancre and Genital Herpes**	**Horizontal Integration: Lecture PH: 1.48: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: Antiviral drugs**	Lunch	Tutorials (Small Group Teaching) - PA : 28.6, 28.7: Define and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, progression and complications of IgA nephropathy. Enumerate and describe the findings in glomerular manifestations of systemic disease.	**Seminar (Small group teaching) PH: Treatment of electrolyte imbalances and acid base disorders**	
Day 153	Tutorials (Small Group Teaching) PA: 28.11- Define classify and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features progression and complications of vascular disease of the kidney.	Clinical Posting:			Lunch	Lecture PH1.24 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics-vasopressin and analogues" Diuretics, Antidiuretics- 1	Practicals (Batches A, B, C) PA 23.1 Urine analysis- Urinary crystals - Calcium oxalate crystals, Triple phosphate crystals - OSPE MI7.1, MI7.2- Laboratory diagnosis of Urinary tract infections Proteus, E.coli PH3.2 critical appraisal (audit) of a given prescription" - based on Renal & Chemo	
Day 154	OG: Internal Assesment - I	Clinical Posting			Lunch	Lecture PA : 28.12. Define classify and describe the genetics, inheritance, etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features, progression and complications of cystic disease of the kidney	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.1 Urine analysis- Urinary crystals - Calcium oxalate crystals, Triple phosphate crystals - OSPE MI7.1, MI7.2- Laboratory diagnosis of Urinary tract infections Proteus, E.coli PH3.2 critical appraisal (audit) of a given prescription" - based on Renal & Chemo	
Day 155	GS: Internal Assesment - I	Clinical Posting			Lunch	Lecture PH1.24 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics-vasopressin and analogues" Diuretics, Antidiuretics- 2	Practicals (Small Group Teaching) (Batches C,A, B) PA 23.1 Urine analysis- Urinary crystals - Calcium oxalate crystals, Triple phosphate crystals - OSPE MI7.1, MI7.2- Laboratory diagnosis of Urinary tract infections Proteus, E.coli PH3.2 critical appraisal (audit) of a given prescription" - based on Renal & Chemo	

Day 156	IM: Internal Assesment - I	Clinical Posting	Lunch	Lecture - PA : 28.14 Classify and describe the etiology, genetics, pathogenesis, pathology, presenting features, progression and spread of renal tumors	AETCOM Module 2.6- Bioethics (1 hrs) (Small Group Teaching)	SDL AETCOM Module 2.6- Bioethics (1Hr)
Day 157	(Lecture) FM: 2.15-2.18 Describe special protocols for conduction of medico-legal autopsies in cases of death in custody, Describe and discuss examination of mutilated bodies or fragments, charred bones and bundle of bones, Describe and discuss exhumation, Describe and discuss crime scene investigation	Clinical Posting	Lunch	Small Group Discussion - CM 7.6 - Enumerate and evaluate the screening tests	Lecture - CM 11.3 - Enumerate and describe specific occupational health hazards, risk factors and preventive measures CM 11.4 - Describe the principles of ergonomics in health preservation CM 11.1 - Enumerate and describe the presenting features of patients with occupational illness	PA: 28.15 SDL Describe the etiology, genetics, pathogenesis, pathology, presenting features and progression of thrombotic angiopathies.
Day 158	FEEDBACK & PTM		Lunch	MI 7.2 (Lecture) Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures - Gonorrhea and Non-gonococcal Urethritis (Chlamydia trachomatis and Others)	Lecture - PA :28.16 Describe the etiology, genetics, pathogenesis, pathology, presenting features and progression of urothelial tumors.	OG : Formative Assessment, Feedback & Reflections
Day 159	OG27.1 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of sexually transmitted infections	Clinical Posting	Lunch	PH 1.25-1.33 & 1.35: Formative Assessment of CVS, RS, Feedback & Reflections	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.3 Gross &Micro - RCC, RFT, Semen analysis - Chart MI7.3-Laboratory diagnosis of Genitourinary and Sexually transmitted diseases (Urethritis, Genital ulcers) - Syphilis RPR/VDRL PH 3.8, 5.1, 5.2 Effective Doctor Patient Communication - 1	
Day 160	GS: SU5.3 Differentiate the various types ofwounds, plan and observe management of wounds	Clinical Posting	Lunch	Lecture PH1.37 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as sex hormones, their analogues and anterior Pituitary hormones" Anterior Pit Hormones	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.3 Gross &Micro - RCC, RFT, Semen analysis - Chart MI7.3-Laboratory diagnosis of Genitourinary and Sexually transmitted diseases (Urethritis, Genital ulcers) - Syphilis RPR/VDRL PH 3.8, 5.1, 5.2 Effective Doctor Patient Communication - 1	

Day 161	IM:ISCHEMIC HEART DISEASE IM2.1 - 2.4, 2.18 Atherosclerosis and ischemic heart disease. Discuss and describe the risk factors, lipid cycle and the role of dyslipidemia in the pathogenesis of atherosclerosis. Discuss and describe the pathogenesis natural history, evolution and complications of atherosclerosis and IHD. Discuss and describe the indications, formulations, doses, side effects and monitoring for drugs used in the management of dyslipidemia	Clinical Posting			Lunch	PA: Formative Assessment of GIT & Renal system, Feedback & Reflections	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.3 Gross &Micro - RCC,RFT, Semen analysis - Chart MI7.3-Laboratory diagnosis of Genitourinary and Sexually transmitted diseases (Urethritis, Genital ulcers) - Syphilis RPR/VDRL PH 3.8, 5.1, 5.2 Effective Doctor Patient Communication - 1	
Day 162	(Lecture) FM: 2.20 Mechanical asphyxia: Define, classify and describe asphyxia and medico-legal interpretation of post-mortem findings in asphyxial deaths.	Clinical Posting			Lunch	Lecture - CM 11.1 - Enumerate and describe the presenting features of patients with occupational illness (Lead Poisoning, Occupational Cancer, Agricultural Workers, Industrial Accidents, Sickness Absenteeism, Health problems due to Industrialization)	Small Group Discussion - CM 11.1 - Enumerate and describe the presenting features of patients with occupational illness (Lead Poisoning, Occupational Cancer, Agricultural Workers, Industrial Accidents, Sickness Absenteeism, Health problems due to Industrialization)	GS: : Formative Assessment, Feedback & Reflections
Day 163	Lecture - PA: 29.2 Describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the penis. Define Cryptorchidism and describe the pathogenesis, morphology and clinical significance of Cryptorchidism	MI: Formative Assessment- 7.1 - Genito urinary module feedback & Reflection	Lecture - PA: 29.3, 29.4, 29.5 Benign prostatic hyperplasia Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the prostate. Describe the etiology, pathogenesis, pathology and progression of prostatitis	Lecture PH1.40 "Describe mechanism of action, types, doses, side effects, indications and contraindications of 1. Drugs used in the treatment of infertility, and 2. Drugs used in erectile dysfunction" Androgens and drugs for infertility	Lunch	Research	Seminar (Small Group Teaching)- MI 3.1, 3.2- Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents- Viral Gastroenteritis: Rotaviruses and Others	FM: SDL Identification: Miscellaneous Methods of Identification
Day 164	MI 8.3 (Lecture) Describe the role of oncogenic viruses in the evolution of virus associated malignancy - Oncogenic viruses (H uman Papilloma Virus, Kaposi Sarcoma, HTLV and HIV, Epstein-Barr Virus,Hepatitis B and C, and Others)	Clinical Posting			Lunch	Lecture - PA: 29.1 Classify testicular tumors and describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of testicular tumors	Practicals (Small Group Teaching) (Batches A, B, C) PA 8.3 Pap smear - Superficial cell, Intermediate cell, Endocervical cell, Dysplastic cell, Candidiasis(OSPE) MI 1.2 Gram stain -revision-record & log book correction PH 1.8 Drug Interactions 1	

Day 165	OG 27.4 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of Pelvic Inflammatory Disease	Clinical Posting	Lunch	Lecture - PA: 30.1 & 30.6 Describe the etiology and morphologic features of cervicitis Describe the epidemiology, pathogenesis, etiology, pathology, screening, diagnosis and progression of carcinoma of the cervix	Practicals (Small Group Teaching) (Batches A, B, C) PA 8.3 Pap smear - Superficial cell, Intermediate cell, Endocervical cell, Dysplastic cell, Candidiasis(OSPE) MI 1.2 Gram stain -revision-record & log book correction PH 1.8 Drug Interactions 1	
Day 166	GS: SU6.1 Define and describe the aetiology and pathogenesis of surgical Infections	Clinical Posting	Lunch	Lecture - PA: 30.7 & 30.9 Describe the etiology, hormonal dependence, features and morphology of endometriosis Describe the etiology, hormonal dependence and morphology of endometrial hyperplasia	Practicals (Small Group Teaching) (Batches A, B, C) PA 8.3 Pap smear - Superficial cell, Intermediate cell, Endocervical cell, Dysplastic cell, Candidiasis(OSPE) MI 1.2 Gram stain -revision-record & log book correction PH 1.8 Drug Interactions 1	
Day 167	IM:ACUTE CORONARY SYNDROME IM2.5, 2.20, 2.15 - 2.19, 2.20, Acute coronary syndromes - Medications used in patients with an acute coronary syndrome based on the clinical presentation. Discuss and describe the indications for admission to a coronary care unit and supportive therapy for a patient with acute coronary syndrome & acute thrombolysis, PTCA and CABG. Discuss and describe the indications and methods of cardiac rehabilitation. Recognition and management of complications of acute coronary syndromes	Clinical Posting	Lunch	Lecture PH1.37 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as sex hormones, their analogues and anterior Pituitary hormones" Estrogens and Progesterone	AETCOM Module 2.7- Bioethics (1 hr) (Small Group Teaching)	SDL AETCOM Module 2.7- Bioethics (1Hr)
Day 168	(Small Group Teaching) FM: 2.11 - 2.12 Autopsy Video Demo	Clinical Posting	Lunch	Small Group Discussion - CM 11.5 - Describe occupational disorders of health professionals and their prevention & management	Small Group Discussion - CM 11.2 - Describe the role, benefits and functioning of the employees state insurance scheme	SDL MI- 3.1,3.2, Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents- oppurtunistic /Coccidian Parasitic Infections
Day 169	Vertical Integration: STDs MI(1.16)List the agents causing infections of the male and female reproductory tract and explain the laboratory diagnosis , OG, IM, PH (PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV")		Lunch	Lecture PH1.39 "Describe mechanism of action, types, doses, side effects, indications and contraindications the drugs used for contraception" Hormonal contraception	Lecture - PA: 30.2 Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the endometrium	IM : Formative Assessment, Feedback & Reflections

Day 170	Tutorials (Small Group Teaching) PA: MGT & FGT revision	Clinical Posting	Lunch	Seminar (Small Group Teaching) - PA: 30.3 - Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the leiomyomas and leiomyosarcomas.	Practicals (Small Group Teaching) (Batches A,B, C) PA 30.4 Gross & Micro of Serous Cystadenoma, Mucinous Cystadenoma, Teratoma MI 1.2 AFB stain -revison PH 5.3. 5,5, 5.6 Effective Doctor Patient Communication 2
Day 171	OG 12.5 Describe the clinical features, detection, effect of pregnancy on the disease and impact of the disease on pregnancy complications and management of urinary tract infections in pregnancy	Clinical Posting	Lunch	Lecture - PA: 30.4 Classify and describe the etiology, pathogenesis, pathology,morphology, clinical course, spread and complications of ovarian tumors	Practicals (Small Group Teaching) (Batches A,B, C) PA 30.4 Gross & Micro of Serous Cystadenoma, Mucinous Cystadenoma, Teratoma MI 1.2 AFB stain -revison PH 5.3. 5,5, 5.6 Effective Doctor Patient Communication 2
Day 172	IM:VIRAL EXANTHEMATOUS FEVERIM4.3 Discuss and describe the common causes, pathophysiology manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g.Dengue, Chikungunya, Typhus) IM25.1 Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus) IM25.2 Discuss and describe the common causes, pathophysiology and manifestations of these diseases IM25.8 Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Lecture - PA: 30.5 Describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of gestational trophoblastic neoplasms	Practicals (Small Group Teaching) (Batches A,B, C) PA 30.4 Gross & Micro of Serous Cystadenoma, Mucinous Cystadenoma, Teratoma MI 1.2 AFB stain -revison PH 5.3. 5,5, 5.6 Effective Doctor Patient Communication 2

Day 173	(Small Group Teaching) : FM 2.21 Mechanical asphyxia: Describe and discuss different types of hanging and strangulation including clinical findings, causes of death, post-mortem findings and medico-lega aspects of death due to hanging and strangulation including examination, preservation and dispatch of ligature material.	Clinical Posting			Lunch	Small Group Discussion - CM 2.4 - Describe social psychology, community behaviour (Concepts in sociology, psychology, emotions, personality, types of learning, intelligence quotient) and community relationship and their impact on health and disease	(Lecture) FM: 2.22 Mechanical asphyxia: Describe and discuss patho-physiology, clinical features, post-mortem findings and medico-legal aspects of traumatic asphyxia, obstruction of nose & mouth, suffocation and sexual asphyxia.	PH: SDL - Drug Induced Renal Disorders
Day 174	Lecture PH1.39 "Describe mechanism of action, types, doses, side effects, indications and contraindications the drugs used for contraception" - Drugs acting on the Uterus	Lecture - PA: 31.1, 31.4 Classify and describe the types, etiology, pathogenesis, pathology and hormonal dependency of benign breast diseases. Enumerate and describe the etiology, hormonal dependency and pathogenesis of gynecomastia	Lecture - PA: 31.2 Classify and describe the epidemiology, pathogenesis, classification, morphology, prognostic factors, hormonal dependency, staging and spread of carcinoma of the breast	Lecture PH1. 52,1.51, 1.53 Describe heavy metal poisoning and chelating agents Chelating agents & Management of Poisoning	Lunch	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Congenital Infections (Cytomegalovirus Infections, Congenital Varicella, Neonatal Herpes, CongenitalRubella, Congenital Toxoplasmosis, Congenital Syphilis, Zika Virus Infections)	Seminar (Small group teaching) - MI 8.1- Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course, laboratory diagnosis and prevention- Zoonotic Infections: Plague, Tularaemia and Bite Wound Infections	FM: SDL Clinical autopsy, Verbal autopsy/ Psychological autopsy, Virtual Autopsy
Day 175	**Horizontal Integration: Lecture PA: 32.1 -32.3 "Enumerate, classify and describe the etiology, pathogenesis, pathology and iodine dependency of thyroid swellings Describe the etiology, cause, iodine dependency, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/ hypothyroidism"**	Clinical Posting			Lunch	**Horizontal Integration: Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders Thyroid and Antithyroid drugs**	Practicals (Small Group Teaching) (Batches A, B, C) PA 31.3 - Gross & Micro - Carcinoma breast MI 1.2 Applied Bacteriology/ Parasitiology revision PH 1.8 Drug Interactions 2	
Day 176	OG: Internal Assesment - II	Clinical Posting			Lunch	PA: Formative Assessment of FGT & MGT module, feedback & Reflection	Practicals (Small Group Teaching) (Batches A, B, C) PA 31.3 - Gross & Micro - Carcinoma breast MI 1.2 Applied Bacteriology/ Parasitiology revision PH 1.8 Drug Interactions 2	

Day 177	GS: Internal Assesment - II	Clinical Posting			Lunch	Lecture - PA: 32.3 " Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/ hypothyroidism"	Practicals (Small Group Teaching) (Batches A, B, C) PA 31.3 - Gross & Micro - Carcinoma breast MI 1.2 Applied Bacteriology/ Parasitiology revision PH 1.8 Drug Interactions 2	
Day 178	IM: Internal Assesment - II	Clinical Posting			Lunch	AETCOM Module 2.7- Bioethics (1 hr) (Small Group Teaching)		SDL AETCOM Module 2.7- Bioethics (1Hr)
Day 179	FM: 2.23 (Small Group Teaching) Mechanical asphyxia: Describe and discuss types, patho-physiology, clinical features, post-mortem findings and medico-legal aspects of drowning, diatom test and gettler test.	Clinical Posting			Lunch	Lecture - CM 2.4 - Describe social psychology, community behaviour (Concepts in sociology, psychology, emotions, personality, types of learning, intelligence quotient) and community relationship and their impact on health and disease	Small Group Discussion - CM 2.2 - Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status	PA: 30.8 - SDL - Describe the etiology and morphologic features of adenomyosis
Day 180	**Horizontal Integration: Lecture - PA: 32.4"Classify and describe the epidemiology, etiology, pathogenesis, pathology, clinical laboratory features, complications and progression of diabetes mellitus"**	**Horizontal Integration: Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)" Insulin**	Lecture PA: 32.9. Describe the etiology, pathogenesis, manifestations, laboratory and morphologic features of adrenal neoplasms", MEN	**Horizontal Integration: Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus)" Oral Hypoglycemics**	Lunch	Research	MI:Formative Assessment Miscellaneous & hospital Acquired Infections - feedback & Reflection	SDL:7.2 -Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures -Bacterial Vaginosis, Vaginal Candidiasis
Day 181	**Horizontal Integration: PA: 32.7, 32.8 Seminar (Small Group Teaching) - Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of adrenal insufficiency Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of Cushing's syndrome**	Clinical Posting			Lunch	**Horizontal Integration: Lecture PH1.38 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of corticosteroids" Corticosteroids**	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI - Spotters Revision+ Applied Serology /Mycology revision PH 3.1 Prescription writing based on Endocrinology, GIT	

Day 182	OG28.1 Describe and discuss the common causes, pathogenesis, clinical features, differential diagnosis; investigations; principles of management of infertility – methods of tubal patency, ovulation induction, assisted reproductive techniques	Clinical Posting	Lunch	MI 4.2 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Staphylococcal Infections , Pseudomonas	Practicals (Small Group Teaching) (Batches B, C, A) PA Revision MI - Spotters Revision+ Applied Serology /Mycology revision PH 3.1 Prescription writing based on Endocrinology, GIT
Day 183	GS: SU12.2 Describe and discuss the methods ofestimation and replacement of the fluid and electrolyte requirements in the surgical patient	Clinical Posting	Lunch	PH : Formative Assessment , Feedback & Reflections	Practicals (Small Group Teaching) (Batches C, A, B) PA Revision MI - Spotters Revision+ Applied Serology /Mycology revision PH 3.1 Prescription writing based on Endocrinology, GIT
Day 184	IM:MENINGITIS IM25.3, 25.4, 25.8 Describe and discuss the pathophysiology and manifestations of these diseases. Elicit document and present a medical history that helps delineate the aetiology of these diseases that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel. Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA : Genitourinary system, FGT, MGT & Endocrine revision	Tutorials (Small Group Teaching) PH: Revision
Day 185	III Internal Assesment Theory - PH		Lunch	Practicals (Small Group Teaching) (Batches C,A,B) PA / PH / MI : Revision	
Day 186	III Internal Assesment Theory - PA		Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA / PH / MI : Revision	
Day 187	III Internal Assesment Theory - MI		Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA / PH / MI : Revision	
Day 188	III Internal Assesment Practicals				
Day 189	III Internal Assesment Practicals				
Day 190	III Internal Assesment Practicals				
Day 191	III Internal Assesment Practicals				
Day 192	III Internal Assesment Practicals				

Day 193	**Horizontal Integration: MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Leprosy (Mycobacterium leprae)**	Clinical Posting	Lunch	**Horizontal Integration: Seminar (Small Group Teaching) - PH1.46: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antileprotic drugs- Antileprotics**	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.3,32.1 Thyroid function test charts, Gross: Nodular Goitre MI 4.3- Laboratory diagnosis of skin infections-I Bacterial: Furuncle, cellulitis, Surgical site infection- Staph, Burn wound infection- Pseudo PH3.2 Critical appraisal (audit) of a given prescription" - based on Endocrinology, GIT
Day 194	OG 12.3 Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of diabetes in pregnancy	Clinical Posting	Lunch	MI 4.1 (Lecture) Enumerate the microbial agents causing anaerobic infections. Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of anaerobic infections - Gas gangrene (Clostridium perfringens)	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.3,32.1 Thyroid function test charts, Gross: Nodular Goitre MI 4.3- Laboratory diagnosis of skin infections-I Bacterial: Furuncle, cellulitis, Surgical site infection- Staph, Burn wound infection- Pseudo PH3.2 Critical appraisal (audit) of a given prescription" - based on Endocrinology, GIT
Day 195	GS: SU12.3 Discuss the nutritional requirements ofsurgical patients, the methods of providing nutritional support and theircomplications	Clinical Posting	Lunch	Lecture PH1.57 Describe drugs used in skin disorders	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.3,32.1 Thyroid function test charts, Gross: Nodular Goitre MI 4.3- Laboratory diagnosis of skin infections-I Bacterial: Furuncle, cellulitis, Surgical site infection- Staph, Burn wound infection- Pseudo PH3.2 Critical appraisal (audit) of a given prescription" - based on Endocrinology, GIT

Day 196	IM:URINARY TRACT INFECTION IM4.3, 25.2, 25.4 Discuss and describe the common causes, pathophysiology manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e. g.Dengue, Chikungunya, Typhus). Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Elicit document and present a medical history that helps delineate the aetiology of these diseases that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel.	Clinical Posting	Lunch	Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (2 hr) (Small Group Teaching		SDL Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (1 hr)
Day 197	(Small Group Teaching) FM: 8.1-8.3 Describe the history of Toxicology, Define the terms Toxicology, Forensic Toxicology, Clinical Toxicology and poison, Describe the various types of poisons, Toxicokinetics, Toxicodynamics and diagnosis of poisoning in living and dead.	Clinical Posting	Lunch	Lecture - CM 2.3 - Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior (Hospital sociology, COPRA)	Small Group Discussion - CM 2.5 - Describe poverty and social security measures and its relationship to health and disease	Sports

Day 198	MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Anthrax (Bacillus anthracis), Actinomycosis, Nocardiosis,	Lecture - PA: 34.1"Describe the risk factors pathogenesis, pathology and natural history of squamous cell carcinoma of the skin. Describe the risk factors pathogenesis, pathology and natural history of basal cell carcinoma of the skin Describe the distinguishing features between a nevus and melanoma. Describe the etiology, pathogenesis, risk factors morphology clinical features and metastases of melanoma"	Lecture - PA: 33.4"Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of Paget's disease of the bone"	Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (osteoporosis)" Calcium, Vitamin D, Bisphophonates	Lunch	MI 4.2, 4.3- Seminar (Small Group Teaching) - Extrapulmonary Tuberculosis	Small Group Teaching (Tutorial) PH 1.43 Treatment of Diabetes Mellitus
Day 199	Lecture - PA: 33.1 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis	Clinical Posting			Lunch	MI 4.2,4.3 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of bone & joint infections - Superficial Fungal Infections& Subcutaneous Fungal Infections	Practicals (Small Group Teaching) (Batches A, B, C) PA 32.1 Gross & Micro: Hashimoto thyroiditis, Papillary Carcinoma MI4.3- Laboratory diagnosis of skin infections-II (Fungal - dermatophytes) PH 1.8 Drug Interactions 3
Day 200	OG21.1 Describe and discuss the temporary and permanent methods of contraception, indications, technique and complications; selection of patients, side effects and failure rate including Ocs, male contraception, emergency contraception and IUCD	Clinical Posting			Lunch	Lecture - PA: 33.2 "Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of bone tumors"	Practicals (Small Group Teaching) (Batches A, B, C) PA 32.1 Gross & Micro: Hashimoto thyroiditis, Papillary Carcinoma MI4.3- Laboratory diagnosis of skin infections-II (Fungal - dermatophytes) PH 1.8 Drug Interactions 3
Day 201	MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Herpesviruses (Herpes Simplex, Varicella-zoster and HHV-6 and 7 Infection)	Clinical Posting			Lunch	MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Poxviruses (Smallpox, Molluscumcontagiosum), Measles, Rubella, Parvo virus, Coxsackie viruses	Practicals (Small Group Teaching) (Batches A, B, C) PA 32.1 Gross & Micro: Hashimoto thyroiditis, Papillary Carcinoma MI4.3- Laboratory diagnosis of skin infections-II (Fungal - dermatophytes) PH 1.8 Drug Interactions 3

Day 202	FM: 8.4- 8.5 (Small Group Teaching) Describe the Laws in relations to poisons including NDPS Act, Medico-legal aspects of poisons, Describe Medico-legal autopsy in cases of poisoning including preservation and dispatch of viscera for chemical analysis	Clinical Posting	Lunch	CM - Formative Assessment, Feedback & Reflection - Epidemiology, Occupatinal Health, Sociology	Small Group Discussion - CM 6.1 - Formulate a research question for a study CM 6.2 - Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	PA: 32.5- SDL - Describe the etiology, genetics, pathogenesis, manifestations, laboratory and morphologic features of hyperparathyroidism
Day 203	FEEDBACK & PTM		Lunch	MI 5.1,5.3 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitis Acute Bacterial (Pyogenic) - Neisseria meningitidis, Streptococcus agalactiae, and Listeria	PA: Formative Assessment Endocrine, Bone & Soft tissue, Feedback & reflections	SDL - PH1.62 Describe and discuss antiseptics and disinfectants;
Day 204	**Horizontal Integration: Lecture - PA: 33.5 Classify and describe the etiology, immunology, pathogenesis, manifestations, radiologic and laboratory features, diagnostic criteria and complications of rheumatoid arthritis**	Clinical Posting	Lunch	**Horizontal Integration: PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including: drugs for gout, anti-rheumatic drugs**	Practicals (Small Group Teaching) (Batches A, B, C) PA 34.4, 35.3 Gross & Micro Squamous cell carcinoma, Micro of Basal cell carcinoma, CSF analysis (Meningitis) - Chart MI 5.3 Laboratory diagnosis of Meningitis (/Meninigococcal /Cryptococcal meningitis) PH 3.1 Prescription writing	
Day 205	OG32.1 Describe and discuss the physiology of menopause, symptoms, prevention, management and the role of hormone replacement therapy & OG 33.1 Classify, describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations and staging of cervical cancer	Clinical Posting	Lunch	Lecture PH1.18 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of general anaesthetics, and preanesthetic medications" General Anesthetics	Practicals (Small Group Teaching) (Batches A, B, C) PA 34.4, 35.3 Gross & Micro Squamous cell carcinoma, Micro of Basal cell carcinoma, CSF analysis (Meningitis) - Chart MI 5.3 Laboratory diagnosis of Meningitis (/Meninigococcal /Cryptococcal meningitis) PH 3.1 Prescription writing	
Day 206	GS: SU12.1 Enumerate the causes and consequences of malnutrition in the surgical patient	Clinical Posting	Lunch	PH: Endocrinology Formative Assessment, Feedback & reflections	Practicals (Small Group Teaching) (Batches A, B, C) PA 34.4, 35.3 Gross & Micro Squamous cell carcinoma, Micro of Basal cell carcinoma, CSF analysis (Meningitis) - Chart MI 5.3 Laboratory diagnosis of Meningitis (/Meninigococcal /Cryptococcal meningitis) PH 3.1 Prescription writing	

Day 207	IM:SYSTEMIC Fungal infections IM 25.2, 25.4 Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Elicit document and present a medical history that helps delineate the aetiology of these diseases that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel	Clinical Posting			Lunch	Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (2 hr) (Small Group Teaching		SDL Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (1 hr)
Day 208	FM: 9.1 (Small Group Teaching) Describe General Principles and basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics (Inorganic Acids)	Clinical Posting			Lunch	Small Group Discussion - CM 6.2 - Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	FM: 9.2 (Small Group Teaching) Describe General Principles, basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Phosphorous, Non-Metallic irritants	SDL- CM 6.2 - Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data
Day 209	**Horizontal Integration: Lecture - PA: 33.3, 33.6 "Classify and describe the etiology, pathogenesis, manifestations , radiologic and morphologic features and complications and metastases of soft tissue tumors. Classify the diseases of peripheral nerves. Describe the characteristics , pathogenesis, morphological changes and clinical course of Guillain - Barre syndrome. Describe the characteristics , morphology, pathogenesis and clinical course of myasthaenia gravis**	**Horizontal Integration: MI 4.1 (Lecture) Enumerate the microbial agents causing anaerobic infections. Describe the etiopathogene sis, clinical course and discuss the laboratory diagnosis of anaerobic infections - Tetanus**	**Horizontal Integration: Lecture PH1.15 "Describe mechanism/s of action, types, doses, side effects, indications and contraindicatio ns of skeletal muscle relaxants"**	MI 5.1,5.3 (Lecture) Describe the etiopathogenesi s, clinical course and discuss the laboratory diagnosis of meningitis - Viral Meningitis and Myelitis: Poliomyelitis, Coxsackie virus Infections	Lunch	Research	**Seminar:(Small Group Teaching) PH1.61 Describe and discuss dietary supplements and nutraceuticals:(Small Group Teaching) - Vitamins and Minerals**	

Day 210	Lecture PH1.17 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of local anesthetics"	Clinical Posting	Lunch	MI 5.2 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis - Rabies,(L), Arboviral Encephalitis (Japanese Encephalitis)	Practicals (Small Group Teaching) (Batches A, B, C) PA :Skills lab - Lumbar puncture MI 8.5, 8.6,8.7,8.8- BMWM, Spill managment Device associated infection CLABSI- S aureus,- PH 3.1 Prescription based on CNS	
Day 211	OG9.4 Discuss the clinical features, laboratory investigations, ultrasonography, differential diagnosis, principles of management and follow up of gestational trophoblastic neoplasms	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (anti-epileptics drugs)" Anti Epilepics 1	Practicals (Small Group Teaching) (Batches B,C, A) PA :Skills lab - Lumbar puncture MI 8.5, 8.6,8.7,8.8- ,BMWM, Spill managment Device associated infection CLABSI- S aureus PH 3.1 Prescription based on CNS	
Day 212	GS SU9.2 Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (anti-epileptics drugs)" Anti Epilepics 2	Practicals (Small Group Teaching) (Batches C,A, B) PA :Skills lab - Lumbar puncture MI 8.5, 8.6,8.7,8.8- BMWM, Spill managment Device associated infection CLABSI- S aureus PH 3.1 Prescription based on CNS	
Day 213	IM:Enteric Fever/ Diarrhoeal diseases / Cholera IM 25.1, 25.2, 25.8 Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus). Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics)"	MI 5.2 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis - Slow Virus and Prion Disease,(	Sports

Day 214	FM: 9.3 (Small Group Teaching) Describe General Principles and basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Arsenic, Lead, Mercury, Iron, Thallium -1	Clinical Posting	Lunch	Small Group Discussion - CM 6.3 - Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	Small Group Discussion - CM 6.3 - Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	Sports
Day 215	OG34.2 Describe and discuss the etiology, pathology, classification, staging of ovarian cancer, clinical features, differential diagnosis, investigations, principal of management including staging laparotomy	Clinical Posting	Lunch	Lecture PA: 35.2 Classify and describe the etiology, genetics, pathogenesis, pathology, presentation sequelae and complications of CNS tumors	Practicals (Small Group Teaching) (Batches A, B, C) PA General Pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Biomedical waste management & Spill management PH3.2 Critical appraisal (audit) of a given prescription" - based on CNS	
Day 216	GS SU6.2 Enumerate Prophylactic and therapeutic antibiotics Plan appropriate management	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (drugs used for neurodegenerative disorders)" Anti parkinsonian Drugs	Practicals (Small Group Teaching) (Batches B,C, A) PA General Pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Biomedical waste management & Spill management PH3.2 Critical appraisal (audit) of a given prescription" - based on CNS	
Day 217	IM: Leptospirosis / Brucellosis and Plague IM 25.1, 25.2, 25.8 Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus). Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Lecture PH 1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS - Anti Psychotics 1	Practicals (Small Group Teaching) (Batches C,A, B) PA General Pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Biomedical waste management & Spill management PH3.2 Critical appraisal (audit) of a given prescription" - based on CNS	

Day 218	FM: 9.2 (Small Group Teaching) Describe General Principles and basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Iodine, Phosphorus, Barium	Clinical Posting	Lunch	Small Group Discussion - CM 6.4 - Enumerate, discuss and demonstrate the common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	Small Group Discussion - CM 6.4 - Enumerate, discuss and demonstrate the common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	SDL - PH - Enzymes in Therapy
Day 219	Meningitis: PA (35.1, 35.3), MI (1.8) Differentite Pyogenic and AsepticMeningitis.List the predisposing factors for meningitis. Describe the agents and laboratory diagnosis of Meningitis , IM 28 (Integration),PH1.43		Lunch	Research		Sports
Day 220	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindication s of the drugs which act on CNS - Anti Psychotics 2, Anti-manics	Clinical Posting	Lunch	Lecture - PA (PY 2.12): Video demonstration of ESR, Osmotic fragility and Hematocrit	Practicals (Small Group Teaching) (Batches A,B, C) PA Systemic pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Needle stick injury/ Device associated infection- CAUTI- E.coli PH CCR Revision	
Day 221	MI 5.1,5.3 (Lecture) Describe the etiopathogenesi s, clinical course and discuss the laboratory diagnosis of meningitis Toxoplasmosis	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (opioid agonists and antagonists)" Opioids 1	Practicals (Small Group Teaching) (Batches B, C, A) PA Systemic pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Needle stick injury/ Device associated infection- CAUTI- E.coli PH CCR Revision	
Day 222	Lecture - PA: 23.2 Describe abnormal findings in body fluids in various disease states"	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (opioid agonists and antagonists)" Opioids 2	Practicals (Small Group Teaching) (Batches C, A,B) PA Systemic pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Needle stick injury/ Device associated infection- CAUTI- E.coli PH CCR Revision	
Day 223	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindication s of the drugs which act on CNS, (antidepressant drugs)" Anti Depressants	Clinical Posting	Lunch	MI 5.1,5.3 (Small group Discussion) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitis- Neurocysticercosis, Free-living Amoeba Infections	PH: Chemo - 2 - Formative Assessment, Feedback & reflections	Sports

Day 224	FM: 9.2 (Small Group Teaching) Describe General Principles, basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Non-metallic poison and chemicals - chlorine. bromine. idodine, fluorine	Clinical Posting			Lunch	Lecture - CM 9.1 - Define and describe the principles of Demography, Demographic cycle, Vital statistics	Small Group Discussion - CM 9.2 - Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates CM 9.3 - Enumerate and describe the causes of declining sex ratio and its social and health implications	SDL - CM 9.2 - Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates
Day 225	Lecture PH1.22 Describe drugs of abuse (dependence, addiction, stimulants, depressants, psychedelics, drugs used for criminal offences) Cns stimulants and cognition enhancers	Lecture - PH1. 43: Treatment of Gram Positive Infections	Lecture - PA: Instruments	Lecture - PA: 8.3 Video demo of Cytology procedures (FNAC, Cytospin, LBC)	Lunch	MI 5.1,5.3 (Tutorials) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitisFungal Infections: Cryptococcal Meningitis	Research	**SDL PH1.51: Describe occupational and environmental pesticides, food adulterants, pollutants and insect repellents-Environmental Toxicology**
Day 226	Tutorials (Small Group Teaching) MI: Revision- Overview of Gram positive bacteial Infections	Clinical Posting			Lunch	Lecture - PA: OSPE Charts 1	Practicals (Small Group Teaching) (Batches A, B, C) PA Hematology Revision MI 2.1 to 8.6- Applied Bacteriology Charts Revision PH Prescription Revision	
Day 227	MI: Formative Assesment - skin, bone infections, Feedback & reflections	Clinical Posting			Lunch	Tutorials (Small Group Teaching) PH: Revision: Case discussion - Diuretics & Drugs for CHF	Practicals (Small Group Teaching) (Batches B,C, A) PA Hematology Revision MI 2.1 to 8.6- Applied Bacteriology Charts Revision PH Prescription Revision	
Day 228	Lecture - PA: OSPE Charts 2	Clinical Posting			Lunch	Lecture PH: 1.63 Describe Drug Regulations, acts and other legal aspects Drug Regulations	Practicals (Small Group Teaching) (Batches C,A, B) PA Hematology Revision MI 2.1 to 8.6- Applied Bacteriology Charts Revision PH Prescription Revision	
Day 229	Tutorials (Small Group Teaching) MI: Revision- GIT module	Clinical Posting			Lunch	Lecture - : PA13.4 Principles of Automated hematology analyser	Lecture PH5.7 Demonstrate an understanding of the legal and ethical aspects of prescribing drugs	Sports
Day 230	FM: 9.3 Small Group Teaching) Describe General Principles, basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Heavy metals - Lead, Manganese	Clinical Posting			Lunch	Small Group Discussion - CM 9.4 - Enumerate and describe the causes and consequences of population explosion and population dynamics of India. CM 9.6 - Describe the National Population Policy	Small Group Discussion - CM 9.5 - Describe the methods of population control CM 10.6 - Enumerate and describe various family planning methods, their advantages and shortcomings	Sports
Day 231	**Horizontal Integration: Lecture MI: Revision- Overview of Gram negative bacteial Infections**	**Horizontal Integration: Lecture PH1.43 Treatment of Gram Negative Infections**	Tutorials (Small Group Teaching)- PA: General pathology Revision	PA:Formative Assessment General Pathology module, Feedback & reflections	Lunch	Tutorials (Small Group Teaching) - PH:1.64 - Good Clinical Practice	Lecture MI: Revision-RS, Urinary Module & Hospital Acquired Infections	Sports

Day 232	Lecture PA : Approach to the diagnosis of Hemolytic disease of fetus and new born	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PH: Revision: Case discussion - Anticoagulants	Practicals (Small Group Teaching) (Batches A, B, C) PA Gross Specimen Revision MI 2.1 to 8.6- Applied Parasitology -Charts Revision PH Prescription Revision	
Day 233	Tutorials (Small Group Teaching) MI: Revision- General Mcirobiology/ Practical Exam Orientation	Clinical Posting			Lunch	Lecture PH1.54 - Describe vaccines and their uses	Practicals (Small Group Teaching) (Batches B,C, A) PA Gross Specimen Revision MI 2.1 to 8.6- Applied Parasitology -Charts Revision PH Prescription Revision	
Day 234	PH: Formative Assessment, Feedback & reflections	Clinical Posting			Lunch	Lecture- PA: RBCRevision	Practicals (Small Group Teaching) (Batches C,A, B) PA Gross Specimen Revision MI 2.1 to 8.6- Applied Parasitology -Charts Revision PH Prescription Revision	
Day 235	Lecture- PA: WBC Revision	Clinical Posting			Lunch	Tutorials (Small Group Teaching) MI: Revision- Immunology	Tutorials (Small Group Teaching) PH1.56 Describe and discuss National Health Programmes	
Day 236	Tutorials (Small Group Discussion) FM: Revision	Clinical Posting			Lunch	Small Group Discussion - CM 10.6 - Enumerate and describe various family planning methods, their advantages and shortcomings	Tutorials (Small Group Teaching) - PA: CVS, RS Revision	Research
Day 237	Tutorials (Small Group Teaching) - PH: Case Discussion: IHD	Tutorials (Small Group Teaching) MI: Revision- CVS module	Tutorials (Small Group Teaching) - PA: GIT Revision	Tutorials (Small Group Teaching) PH1.52 Describe management of common poisoning, insecticides, common sting and bites	Lunch	Research	Tutorials (Small Group Teaching) Biological Agents in Pharmacology	
Day 238	MI: Formative Assessment CNS infections, Feedback & reflections	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PH: Case discussion - Hypertension	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI 2.1 to 8.6- Spotters revision PH Prescription Revision	
Day 239	Tutorials (Small Group Teaching) - PA: Renal system Revision	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 34.1, 33.3 Case Discussion - Squamous cell carcinoma, Basal cell carcinoma , Schwannoma	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI 2.1 to 8.6- Spotters revision PH Prescription Revision	
Day 240	Tutorials (Small Group Teaching) General Pharmacology Revision	Clinical Posting			Lunch	PA: Formative Assessment Hematology module, Feedback & reflections	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI 2.1 to 8.6- Spotters revision PH Prescription Revision	
Day 241	Tutorials (Small Group Teaching) MI: Revision- GIT module	Clinical Posting			Lunch	Tutorials (Small Group Teaching) General Pharmacology Revision	Research	Sports
Day 242	FM: Formative Assessment, Feedback & reflections	Clinical Posting			Lunch	Small Group Discussion CM 9.7- Enumerate the sources of vital statistics including cenus, SRS, NFHS, NSSO etc	Tutorials (Small Group Teaching) General Pharmacology Revision	
Day 243	Tutorials (Small Group Teaching) General Pharmacology Revision	PH: Formative Assessment, Feedback & reflections	Tutorials (Small Group Teaching) MI: Revision- Respiratory Module	Tutorials (Small Group Teaching) MI: Revision- General Microbiology module	Lunch	Tutorials (Small Group Teaching) - PA: FGT, MGT & Breast Revision	Research	Sports
Day 244	Tutorials (Small Group Teaching) MI: Revision- immunology module	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: Endocrine, Bone & soft tissue & CNS Revision	Tutorials (Small Group Teaching) General Pharmacology Revision	Sports
	Model Exam							
	Study Holiday							
	University Exam							

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आज़ादी का अमृत महोत्सव

राष्ट्रीय आयुर्विज्ञान आयोग
National Medical Commission
Academic Cell

D-11011/BCME-144/2025/AC **New Delhi, dated 18th March, 2025**

To,

Dr. Latha Ravichandran, Convener, NMC Nodal Centre,
Professor & Head, Department of Pediatric Medicine,
Sri Ramachandra Medical College & Research Institute,
1, Mount Poonamallee Rd, Sri Ramachandra Nagar,
Porur, Chennai - 600116, Tamil Nadu
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Subject:- Permission to conduct Basic Course in Medical Education (BCME) from 03rd – 05th April 2025 at Saveetha Medical College & Hospital, Thandalam, Chennai, Tamil Nadu – reg.

Madam/Sir,

I am directed to convey that the NMC has granted permission to conduct 03 days BCME from **03rd – 05th April 2025** at **Saveetha Medical College & Hospital, Thandalam, Chennai, Tamil Nadu** as per your proposal dated 11.03.2025.

2. The National Medical Commission has also approved nomination of **Dr. R. Kalpana, Professor & Head, Department of Anatomy and An internal resource faculty of NMC NC, SRMC, Chennai** as **NMC appointed Coordinator to conduct the said BCME**. His/Her contact details are – **Mobile: 9566137573 Email:** kalpanasriram1@gmail.com

3. Your attention is drawn to Academic Cell, UGMEB, NMC Circular No. D-11011/343/2023-AC, dated 22nd March 2023 regarding Registration fee share and our email dated 29th May 2023 regarding GST, for strict compliance. The remittance details, in the prescribed format, should be emailed to **accounts@nmc.org.in** with a copy to **academiccell@nmc.org.in** latest by **03rd April, 2025.**

4. In the event the participants' strength falls to less than 25 due to non-attendance/absence, the said BCME shall stand cancelled. The same shall be intimated to Academic Cell immediately.

5. As regards claims/bills relating to travel and accommodation, the existing GOI Rules will be applicable. For travel & booking of accommodation, services of NMC approved travel agent as per details given below, may be utilized:

Name	: **M/s Balmer & Lawrie & Co. Ltd.**
Contact Person	: Sh. Om Prakash/Lavanya Bharadwaj
Mobile No.	: 8375863854/9818671536
E-mail	: prakash.o@balmerlawrie.com; bhardwaj.l@balmerlawrie.com

6. This issues with the approval of competent authority.

Yours sincerely,

(Dr. Mukesh Nagar)
Expert, Academic Cell
Under Graduate Medical Education Board

Copy for information to:-

1. Saveetha Medical College & Hospital, Saveetha Nagar, Thandalam, Chennai – 602105, Tamil Nadu; Phone – 9444023733; Email - principal.smc@saveetha.com; drkumutha@gmail.com
2. Accounts Officer, NMC, Pocket 14, Sector 8, Dwarka, Phase I, New Delhi-110077.
3. Guard file

Issuance Record: Certificate of Participation

Name of NC / RC Sri Ramachandra Medical College & Research Institute Centre ID: 004

Type of FDP held (tick as Applicable): **BCME** / CISP-III / ACME Dates of FDP: **03.04.2025 to 05.04.2025**

Place where FDP is held: Saveetha Medical College and Hospital, Saveetha Nagar, Thandalam, Chennai- 602105

Total No. of participants: 28

S.No.	Name of Participant	Registration Number / Name of Medical council where registered	Certificate No. allotted
1.	Dr. Shanthi Nambi	~~94440~~ / TNMC 38209	004/BCME-2025/147
2.	Dr. Sathish Anand V.S	89198 / TNMC	004/BCME-2025/148
3.	Dr. Jayaram J K	41958 / ~~TNMC~~ TCMC	004/BCME-2025/149
4.	Dr. Archana Kumari	126341 / TNMC	004/BCME-2025/150
5.	Dr. Dheeptha Shrine G	92968 / TNMC	004/BCME-2025/151
6.	Dr. Saai Arun Sunder	70849 / TNMC	004/BCME-2025/152
7.	Dr. M. Sathishkumar	93354 / TNMC	004/BCME-2025/153
8.	Dr. Nanditha Gudi	85650 / APMC	004/BCME-2025/154
9.	Dr. Subitchan Ponnarasu	109049 / TNMC	004/BCME-2025/155
10.	Dr. E. Kannah ELANGOVAN	93669 / TNMC	004/BCME-2025/156
11.	Dr. Ramsesh Manohar Ram	97022 / TNMC	004/BCME-2025/157
12.	Dr. Lokesh Sampath	111574 / TNMC	004/BCME-2025/158
13.	Dr. S. Sukesh Gautam	117788 / TNMC	004/BCME-2025/159
14.	Dr. Syed Mohammed.H	113932 / TNMC	004/BCME-2025/160
15.	Dr. Sulthan Al Rashid	118367 / TNMC	004/BCME-2025/161

16.	Dr. Subramanian Arumugam	107731 / TNMC	004/BCME-2025/162
17.	Dr. Preethi S	109691 / TNMC	004/BCME-2025/163
18.	Dr. Sanjay R	115215 / TNMC	004/BCME-2025/164
19.	Dr. Anbarasan A	110854 / TNMC	004/BCME-2025/165
20.	Dr. A John Paul	104864 / TNMC	004/BCME-2025/166
21.	Dr. Praveen Kumar I	121505 / TNMC	004/BCME-2025/167
22.	Dr. R. Hemalathaa	96300 / TNMC	004/BCME-2025/168
23.	Dr. M. Keerthika	187635 / TNMC	004/BCME-2025/169
24.	Dr. Varun Rajagopal S	~~18809~~ / TNMC 128598	004/BCME-2025/170
25.	Dr. Dhanya Menon	122352 / TNMC	004/BCME-2025/171
26.	Dr. Tharaka Senathirajah	115023 / TNMC	004/BCME-2025/172
27.	Dr. Madumathy Ramachandran	114788 / TNMC	004/BCME-2025/173
28.	Dr. Harish.M	129356 / TNMC	004/BCME-2025/174

(Signature of Dean/Principal)

Dr.J.KUMUTHA, MD, DCH, FNNF
DEAN
SAVEETHA MEDICAL COLLEGE & HOSPITAL
Saveetha Nagar, Thandalam,
Kanchipuram District, Chennai - 602 105.

(Signature of MEU coordinator, if applicable)

Dr. B. VIJAYALAKSHMI M.D., Ph.D.
COORDINATOR
MEDICAL EDUCATION UNIT
SAVEETHA MEDICAL COLLEGE
THANDALAM, CHENNAI.

(Signature of NMC appointed Coordinator)

Issuance Record: Certificate of Participation

Name of NC / RC: Sri Ramachandra Medical College & Research Institute — Center ID: 004

Type of FDP held (tick as Applicable): BCME / **CISP-III** / ACME — Dates of FDP: **6th & 7th June 2025**

Place where FDP is held: Saveetha Medical College — Total No. of participants: 30

S. No	Name of the Participant	Registration Number/ Name of medical council where registered	Certificate No. allotted
1.	Dr. K. Kavitha	TNMC / 112195	004/CISP III-2025/031
2.	Dr. Shyam Sudhakar .S	TNMC / 86409	004/CISP III-2025/032
3.	Dr. Manoj Kumar L	TNMC / 92170	004/CISP III-2025/033
4.	Dr. Venkatesh Gottumukala	TNMC / 39356	004/CISP III-2025/034
5.	Dr. Sanjeev Kumar Puri	TNMC / 67633	004/CISP III-2025/035
6.	Dr. G Dinesh Kumar	TNMC / 95454	004/CISP III-2025/036
7.	Dr. Nisha B	TNMC / 98171	004/CISP III-2025/037
8.	Dr. Rahul raj C. L	TNMC / 104299	004/CISP III-2025/038
9.	Dr. Ilavarasan M D	TNMC / 109935	004/CISP III-2025/039
10.	Dr. Rajesh Subramaniam	TNMC / 74466	004/CISP III-2025/040
11.	Dr. G Muthukumaran	TNMC / 36720	004/CISP III-2025/041
12.	Dr. S Jayakumar	TNMC / 71611	004/CISP III-2025/042
13.	Dr. Buvnesh Kumar M	TNMC / 100456	004/CISP III-2025/043
14.	Dr. M Rajalekshmi	TNMC / 83129	004/CISP III-2025/044
15.	Dr. Iniyan S	TNMC / 90383	004/CISP III-2025/045
16.	Dr. E Shanthi	TNMC / 72088	004/CISP III-2025/046

Dr.J.KUMUTHA, MD, DCH, FNW
DEAN
SAVEETHA MEDICAL COLLEGE & HOSPITAL
Saveetha Nagar, Thandalam,
Kanchipuram District, Chennai - 602 105

17.	Dr. P K Ananthakumar	TNMC / 88606	004/CISP III-2025/047
18.	Dr. R.P. Shamikumar	TNMC / 79732	004/CISP III-2025/048
19.	Dr. Gunasekaran N	TNMC / 38001	004/CISP III-2025/049
20.	Dr. R. Hemalathaa	TNMC / 96300	004/CISP III-2025/050
21.	Dr. Dheeptha Shrine G	TNMC / 92968	004/CISP III-2025/051
22.	Dr. A. Parimala	TNMC / 57238	004/CISP III-2025/052
23.	Dr. Archana Kumari	TNMC / 126341	004/CISP III-2025/053
24.	Dr. Praveen Kumar I	TNMC / 121505	004/CISP III-2025/054
25.	Dr. Sulthan Al Rashid	TNMC / 118367	004/CISP III-2025/055
26.	Dr. Harish Manoharan	TNMC / 129356	004/CISP III-2025/056
27.	Dr. Abyramy Balasundaram	TNMC / 109711	004/CISP III-2025/057
28.	Dr. Merriwin D	TNMC / 68831	004/CISP III-2025/058
29.	Dr. Veena V	TNMC / 76967	004/CISP III-2025/059
30.	Dr. Suma S	TNMC / 107075	004/CISP III-2025/060

(Signature of Dean)

Dr.J.KUMUTHA, MD, DCH, FNNF
DEAN
SAVEETHA MEDICAL COLLEGE & HOSPITAL
Saveetha Nagar, Thandalam,
Kanchipuram District, Chennai - 602 105

(Signature of MEU coordinator)

(Signature of NMC appointment coordinator)

दूरभाष/Phone: 25367033, 25367035,
25367036, 1800111150
ईमेल/E-Mail: academiccell@nmc.org.in
वेबसाइट/Website: www.nmc.org.in

पॉकेट-14, सेक्टर- 8, द्वारका
फेस - 1, नई दिल्ली - 110077
Pocket - 14, Sector - 8, Dwarka
Phase - 1, New Delhi - 110077

राष्ट्रीय आयुर्विज्ञान आयोग
National Medical Commission
Academic Cell

D-1011/CISP-III-85/2025/AC **New Delhi, dated 28th May, 2025**

To,

Dr. Latha Ravichandran, Convener, NMC Nodal Centre,
Professor & Head, Department of Pediatric Medicine,
Sri Ramachandra Medical College & Research Institute,
1, Mount Poonamallee Rd, Sri Ramachandra Nagar,
Ramachandra Nager, Chennai - 600116, Tamil Nadu
Mobile: 9444021509, Email: srmcnmcnodalcentre@sriramachandra.edu.in

Subject:- Permission to conduct Curriculum Implementation Support Program-III (CISP-III) from 06th – 07th June 2025 at Saveetha Medical College and Hospital, Saveetha Nagar, Chennai – reg.

Madam/Sir,

I am directed to convey that the NMC has granted permission to conduct 02 days CISP from **06th - 07th June 2025** at **Saveetha Medical College and Hospital, Saveetha Nagar, Thandalam, Chennai, Tamil Nadu** as per your proposal dated 16.05.2025.

2. The National Medical Commission has also approved nomination of **Dr. B. Subalakshmi, Associate Professor, Department of Pathology, SRMC & RI, Chennai** as **NMC appointed Coordinator to conduct the said CISP-III**. His/Her contact details are – **Mobile: 8056249929 Email:** bsubalakshmi@sriramachandra.edu.in

3. Your attention is drawn to Academic Cell, UGMEB, NMC Circular No. D-11011/343/2023-AC, dated 22nd March 2023 regarding Registration fee share and our email dated 29th May 2023 regarding GST, for strict compliance. The remittance details, in the prescribed format, should be emailed to **accounts@nmc.org.in** with a copy to **academiccell@nmc.org.in** latest by **06th June, 2025.**

4. In the event the participants' strength falls to less than 25 due to non-attendance/absence, the said CISP-III shall stand cancelled. The same shall be intimated to Academic Cell immediately.

5. As regards claims/bills relating to travel and accommodation, the existing GOI Rules will be applicable. **The transport/local transport may be arranged by the NMC Appointed Coordinator and the claim/bill may be submitted to Academic Cell along with the RC of vehicle/bill/voucher whichever is applicable. For air-ticketing & accommodation, services of NMC approved travel agent as per details given below, may be utilized:**

Name	: **M/s Balmer & Lawrie & Co. Ltd.**
Contact Person	: Sh. Om Prakash/Lavanya Bharadwaj
Mobile No.	: 8375863854/9818671536
E-mail	: prakash.o@balmerlawrie.com; bhardwaj.l@balmerlawrie.com

6. This issues with the approval of competent authority.

Yours sincerely,

(Dr. Mukesh Nagar)
Expert, Academic Cell
Under Graduate Medical Education Board

Copy for information to:-

1. Saveetha Medical College and Hospital, Saveetha Nagar, Thandalam, Chennai Bengaluru NH 48, Chennai - 602105, Tamil Nadu; Phone: 9444023733 email – drkumutha@gmail.com
2. Accounts Officer, NMC, Pocket 14, Sector 8, Dwarka, Phase I, New Delhi-110077.
3. Guard file

CBME Phase 1 Main Timetable LGT : Large Group Teaching , DOAP: Demonstration Observation Assistance Performance, SGL: Small Group Lecture , SGD: Small Group Discussion , CM: Community Medicine , AETCOM					
Day	**8 am - 10:00 am**	**10:15 am to 11:15 am**	**11:15 am to 12: 15 pm**	**1:00 pm to 2:00 pm**	**2 pm to 3 pm**
1	AN (anatomy) 1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	AETCOM MODULE 1.5 The cadaver as our first teacher In 3 batches	AETCOM MODULE 1.5 The cadaver as our first teacher In 3 batches	AETCOM MODULE 1.5 The cadaver as our first teacher In 3 batches	Practical in batches Practical-AN (anatomy) 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function Practical-PY (physiology) 2.11 Introduction to Hematology Practicals Practical-BI (biochemistry) 11.1 Describe commonly used laboratory apparatus and equipments
2	BI (biochemistry) 1.1, PY 1.1 Describe the molecular and functional organization of a cell and its subcellular components	BI (biochemistry) 2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature	PY (physiology) 1.3,1.4,1.9 Describe intercellular communication Describe apoptosis programmed cell death Demonstrate the ability to describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research	PY (physiology) 1.2 Describe and discuss the principles of homeostasis	Practical in batches Practical-AN (anatomy) 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function Practical-PY (physiology) 2.1 Introduction to Hematology Practicals Practical-BI (biochemistry) 11.1 Describe commonly used laboratory apparatus and equipments
3	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

4	AN (anatomy) 5.1 to 5.8 and 6.1 to 6.3 Differentiate between blood vascular and lymphatic system, Differentiate between pulmonary and systemic circulation List general differences between arteries & veins Explain functional difference between elastic, muscular arteries and arterioles Describe the concept of anastomoses and collateral circulation with significance of end-arteries Describe portal system giving examples Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses Define thrombosis, infarction & aneurysm List the components and functions of the lymphatic system Describe structure of lymph capillaries & mechanism of lymph circulation Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system	BI (biochemistry) 7.1 Describe cell cycle and its regulation	BI (biochemistry) 1.1 Describe the fluid mosaic model of plasma membrane	AN (anatomy) 76.1, 76.2 Describe the stages of human life, Explain the terms- phylogeny, ontogeny, trimester, viability	Practical in batches Practical-AN (anatomy) 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function Practical-PY (physiology) 2.11 Introduction to Hematology Practicals Practical-BI (biochemistry) 11.1 Describe commonly used laboratory apparatus and equipments
5	INTRODUCTION TO DISSECTION 250 in Dissection Hall	PY (physiology) 1.5 Describe and discuss transport mechanisms across cell membranes	PY (physiology) 1.5 Describe and discuss transport mechanisms across cell membranes	AN (anatomy) 7.1- 7.4 & 7.6 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems List components of nervous tissue and their functions Describe parts of a neuron and classify them based on number of neurites, size & function Describe structure of a typical spinal nerve Describe concept of loss of innervation of a muscle with its applied anatomy	EARLY CLINICAL EXPOSURE - Practical-BI (biochemistry) 1.1 (A2) Describe good safe laboratory practice and waste disposal Introduction to Clinical Biochemistry Laboratory-T1 Universal Safety Precautions-T2 with Department of Microbiology

6	Small Group 10 tables , table teaching Dissection AN (anatomy) 77.4, 77.5, Small Group 10 tables , table teaching Dissection Describe the stages and consequences of fertilisation, Enumerate and describe the anatomical principles underlying contraception	General Embryology AN (anatomy) : 77.1 to 77.6 : Gametogenesis and Fertilization Describe the uterine changes occurring during the menstrual cycle . Describe the synchrony between the ovarian and menstrual cycles Describe spermatogenesis and oogenesis along with diagrams Describe the stages and consequences of fertilisation Enumerate andDescribe the anatomical principles underlying contraception Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".	General Embryology AN (anatomy) : 77.1 to 77.6 : Gametogenesis and Fertilization Describe the uterine changes occurring during the menstrual cycle . Describe the synchrony between the ovarian and menstrual cycles Describe spermatogenesis and oogenesis along with diagrams Describe the stages and consequences of fertilisation Enumerate andDescribe the anatomical principles underlying contraception Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".	BI (biochemistry) 2.3 Describe and explain the basic principles of enzyme activity and the factors influencing enzyme activity and MOA of enzyme Describe the fluid mosaic model of plasma membrane	EARLY CLINICAL EXPOSURE - Practical-BI (biochemistry) 1.1 (A2) Describe good safe laboratory practice and waste disposal Introduction to Clinical Biochemistry Laboratory-T1 Universal Safety Precautions-T2 with Department of Microbiology
7	BI (biochemistry) 2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	PY (physiology) 1.6 Describe the fluid compartments of the body, its ionic composition & measurements	EARLY CLINICAL EXPOSURE Physiology 50 Students each Skill Lab 1 Hour on rotation PBL / SGT Dehydration, Hypovolemia	EARLY CLINICAL EXPOSURE Physiology 50 Students 1 Hour on rotation Patch Clamp Technique	EARLY CLINICAL EXPOSURE Physiology 50 Students each 1 Hour on rotation Charts discussion (Videos, Skills Lab, Clinical Lecture)

8	AN (anatomy) 78.1 - 5 Describe cleavage and formation of blastocyst, Describe the development of trophoblast, Describe the process of implantation & common abnormal sites of implantation Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate Describe in brief abortion; decidual reaction, pregnancy test	BI (biochemistry) 2.5 Enumerate the clinical utility of various serum enzymes as markers of pathological conditions.	BI (biochemistry) 3.1 Classify carbohydrates with examples and describe their properties	PY (physiology) 1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	Practical in 3 batches Practical-AN (anatomy) 66.1 Describe & identify various types of connective tissue with functional correlation Practical-PY (physiology) 2.11 Hemocytometer Focussing the Neubauer Chamber under Microscope Practical-BI (biochemistry) 3.1 Demonstration of tests to differentiate monosaccharides & di-saccharides
9	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
10	BI (biochemistry) 3.1 Discuss and differentiate polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	AN (anatomy) 79.1 - 4 Describe the formation & fate of the primitive streak, Describe formation & fate of notochord, Describe the process of neurulation, Describe the development of somites and intra-embryonic coelom	AN (anatomy) 71.1-71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure-function correlation of the same	BI (biochemistry) 4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids) relevant to human system and their major functions	Practical in 3 batches Practical-AN (anatomy) 66.1 Describe & identify various types of connective tissue with functional correlation Practical-PY (physiology) 2.11 Hemocytometer Focussing the Neubauer Chamber under Microscope Practical-BI (biochemistry) 3.1 Demonstration of tests to differentiate monosaccharides & di-saccharides

11	Small Group 10 tables , table teaching Dissection AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels	AN (anatomy) 80.1 - 80.7 Describe formation, functions & fate of- chorion: amnion; yolk sac; allantois & decidua Describe formation & structure of umbilical cord Describe formation of placenta, its physiological functions, foeto maternal circulation & placental barrier Describe embryological basis of twinning in monozygotic & dizygotic twins Describe role of placental hormones in uterine growth & parturition	BI (biochemistry) 4.1 Classify Phospholipids with examples and describe their functions with clinical significance	AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron	Practical in 3 batches Practical-AN (anatomy) 66.1 Describe & identify various types of connective tissue with functional correlation Practical-PY (physiology) 2.11 Hemocytometer Focussing the Neubauer Chamber under Microscope Practical-BI (biochemistry) 3.1 Demonstration of tests to differentiate monosaccharides & di-saccharides
12	BI (biochemistry) 6.5 Classify Vitamins Discuss the RDA , dietary sources , biochemical functions of Vitamin B1,B2, B3 and their role in Health and disease	SGT in 10 groups BI (biochemistry) 6.5 Classify Vitamins Discuss the RDA , dietary sources , biochemical functions of Vitamin B1, B2, B3 and their role in Health and disease	BI (biochemistry) 6.6 Describe the various components of ETC and its inhibitors	PY (physiology) 3.4-3.6 Describe the structure of neuro-muscular junction and transmission of impulses Discuss the action of neuro-muscular blocking agents	SDL PY (physiology) Physiology-Myasthenia Gravis

13	AN (anatomy) 2.1 - 2.6 Describe parts, blood and nerve supply of a long bone,Enumerate laws of ossification,Enumerate special features of a sesamoid bone,Describe various types of cartilage with its structure & distribution in body, Describe various joints with subtypes and examples, Explain the concept of nerve supply of joints & Hilton's law.	SGT in 10 groups BI (biochemistry) 6.6 Describe the various components of ETC and its inhibitors	AN (anatomy) 2.5-2.6 Describe various joints with subtypes and examples Explain the concept of nerve supply of joints & Hilton's law	BI (biochemistry) 5.1 Classify Amino acids with examples and describe their properties Classify Proteins with examples and describe their properties	Clinical Visit in 2 batches EARLY CLINICAL EXPOSURE-AN (anatomy) T1 Pregnancy detection by USG in first trimester(LECTURE, VIDEO) ALONG WITH RADIOLOGY Practical in 3 batches Practical-AN (anatomy) 3.1 -3.3 LECTURE T2 Classify muscle tissue according to structure & action,Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples Explain Shunt and spurt muscles
14	INTRODUCTION TO OSTEOLOGY Small Group 10 tables , table teaching Dissection AN (anatomy) 8.1, AN (anatomy) 8.5 Identify the given bone, its side, important features & keep it in anatomical position, Identify & describe joints formed by the given bone Enumerate peculiarities of clavicle Demonstrate important muscle attachment on the given bone Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform	COMMUNITY MEDICINE COMMUNITY MEDICINE 1.2 Define Health, Describe the concept of Holistic health including concept of spiritual health and the relativeness and determinants of health	BI (biochemistry) 6.5 Describe the biochemical role of Vitamin-D in the body	BI (biochemistry) 6.5 Explain the deficiency manifestations of Vitamin D Describe the biochemical role of Pantothenic acid in the body and explain the manifestations of their deficiency	Clinical Visit in 2 batches EARLY CLINICAL EXPOSURE-AN (anatomy) T2 Pregnancy detection by USG in first trimester(LECTURE, VIDEO) ALONG WITH RADIOLOGY Practical AN (anatomy) 3.1 -3.3 LECTURE T1 Classify muscle tissue according to structure & action,Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples Explain Shunt and spurt muscles
15	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

16	PECTORAL DISSECTION Small Group 10 tables , table teaching Dissection AN (anatomy) 9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	PY (physiology) 3.7 Describe the different types of muscle fibres and their structure	AN (anatomy) 9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	AN (anatomy) 10.1, AN (anatomy) 10.2, AN (anatomy) 10.4, AN (anatomy) 10.7 Identify & describe boundaries and contents of axilla, Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage Explain anatomical basis of enlarged axillary lymph nodes	Practical in 3 batches Practical-AN (anatomy) 67.1 & 67.2 Describe & identify various types of muscle under the microscope Classify muscle and describe the structure-function correlation of the same Practical- PY (physiology) 3.14 PERFORM ERGOGRAPH - Introduction to OSPE & OSPE related to carbohydrates
17	PY (physiology) 3.8 Describe action potential and its properties in different muscle types (skeletal and smooth)	AN (anatomy) 9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast.	VERTICAL INTEGRATION - AN (anatomy) SURGICAL AN (anatomy) OF BREAST - SURGERY	PY (physiology) 3.9 Describe the molecular basis of muscle contraction in skeletal and smooth muscle	Practical in 3 batches Practical-AN (anatomy) 67.1 & 67.2 Describe & identify various types of muscle under the microscope Classify muscle and describe the structure-function correlation of the same Practical- PY (physiology) 3.14 PERFORM ERGOGRAPH - Introduction to OSPE & OSPE related to carbohydrates

18	AXILLA DISSECTION Small Group 10 tables , table teaching Dissection AN (anatomy) 10.1 to 10.2Identify & describe boundaries and contents of axillaIdentify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein	PY (physiology) 3.10 Describe the mode of muscle contraction (isotonic and Isometric) , PY (physiology) 3.11 Explain energy source and muscle metabolism PY (physiology) 3.12 Explain the gradation of muscle activity , PY (physiology) 3.13 Describe muscle dystrophy - Myopathies , PY (physiology) 3.17 Describe the strength duration curve , BI (biochemistry) 2.5 Describe and discuss clinical utility of cardiac muscle enzymes	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	Practical in 3 batches Practical-AN (anatomy) 67.1 & 67.2 Describe & identify various types of muscle under the microscope Classify muscle and describe the structure-function correlation of the same Practical- PY (physiology) 3.14 PERFORM ERGOGRAPH - Introduction to OSPE & OSPE related to carbohydrates
19	EARLY CLINICAL EXPOSURE- Anatomy - bony injuries of the upper limb - orthopedics For 250 students	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	COMMUNITY MEDICINE 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multifactorial etiology of disease	PY (physiology) SDL Practical Muscular Dystrophy

20	BRACHIAL PLEXUS DISSECTION Small Group 10 tables , table teaching Dissection AN (anatomy) 10.3 to 10.5.Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage Explain variations in formation of brachial plexus	" AN (anatomy) 10.3 to AN (anatomy) 10.5 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Explain variations in formation of brachial plexus "	BI (biochemistry) 6.10 Enumerate and describe the disorders associated with Calcium and Phosphorus metabolism BI (biochemistry) 6.9 Describe the functions of Calcium and Phosphorus in the body, their metabolism and homeostasis	PY (physiology) 8.2 (Horizontal Integration sharing with BI (biochemistry) 6.9) DESCRIBE THE HOMEOSTASIS OF CALCIUM and Phosphorus	PY (physiology) SDL (physiology) Muscular Dystrophy
21	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
22	Small Group 10 tables , table teaching Dissection AN (anatomy) 10.12 & AN (anatomy) 10.13, AN (anatomy) 10.8, 10.10, 10.11 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy Explain anatomical basis of Injury to axillary nerve during intramuscular injections	PY (physiology) 3.1 - 3.3 Describe the structure and functions of a neuron and neuroglia. Discuss Nerve Growth Factor & other growth factors / cytokines Describe the types, functions and properties of nerve fibres	AN (anatomy) 10.12 & AN (anatomy) 10.13 , AN (anatomy) 10.8, 10.10, 10.11 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy Explain anatomical basis of Injury to axillary nerve during intramuscular injections	BI (biochemistry) 9.1 List the functions and components of the extracellular matrix (ECM).	SGT in 10 groups BI (biochemistry) 9.2 Discuss the involvement of ECM components in health and disease.

23	Arm Small Group 10 tables , table teaching Dissection & Skills Lab Venepuncture, AN (anatomy) 11.1 - 11.5 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), terminationof important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis Identify & describe boundaries and contents of cubital fossa	AN (anatomy) 11.1 - 11.5 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis Identify & describe boundaries and contents of cubital fossa	AN (anatomy) 11.1 - 11.5 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis Identify & describe boundaries and contents of cubital fossa	EARLY CLINICAL EXPOSURE CALCIUM RELATED DISORDERS Biochemistry General Medicine- Linker paper case of calcium disorders Orthopaedics Osteoporosis Pediatrics Rickets, Osteomalacia, Tetany	EARLY CLINICAL EXPOSURE CALCIUM RELATED DISORDERS Biochemistry General Medicine- Linker paper case of calcium disorders Orthopaedics Osteoporosis Pediatrics Rickets, Osteomalacia, Tetany

24	Forearm Small Group 10 tables , table teaching Dissection AN (anatomy) 12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN (anatomy) 12.2 to 12.3, Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Identify & describe flexor retinaculum with its attachments	AN (anatomy) 12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions Small Group Teaching	BI (biochemistry) 6.5 Discuss the RDA , dietary sources , biochemical functions of Vitamin C and their role in Health and disease	AN (anatomy) 12.2 to 12.3, Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Identify & describe flexor retinaculum with its attachments	Practical in 3 batches Practical-AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron Practical in 3 batches Practical-AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels Practical-PY (physiology) 2.11 Hemocytometry, Charging the Neubauer Chamber- Revision Practical-BI (biochemistry) 11.6,11.18,11.19 Describe the principles of colorimetry Practical-BI (biochemistry) 11.11 Demonstrate estimation of calcium and phosphorous

25	Small Group 10 tables , table teaching Dissection AN (anatomy) 12.5-12.7 Explain anatomical basis of carpal tunnel syndrome Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved Describe & demonstrate movements of thumb and muscles involved Identify & describe course and branches of important blood vessels and nerves in hand AN (anatomy) 12.8 , 12.9 Describe anatomical basis of Claw hand Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	BI (biochemistry) 6.9 Describe the functions of Zinc & Copper in the body, their metabolism and homeostasis BI (biochemistry) 6.10 Enumerate and describe the disorders associated with Zinc & Copper metabolism	AN (anatomy) 12.4-12.6 Explain anatomical basis of carpal tunnel syndrome Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved Describe & demonstrate movements of thumb and muscles involved	AN (anatomy) 12.7 Identify & describe course and branches of important blood vessels and nerves in hand AN (anatomy) 12.8 , 12.9 Describe anatomical basis of Claw hand Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	Practical in 3 batches Practical in 3 batches Practical-AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron Practical in 3 batches Practical-AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels Practical-PY (physiology) 2.11 Hemocytometry, Charging the Neubauer Chamber- Revision Practical-BI (biochemistry) 11.6,11.18,11.19 Describe the principles of colorimetry Practical-BI (biochemistry) 11.11 Demonstrate estimation of calcium and phosphorous

26	Small Group 10 tables , table teaching Dissection AN (anatomy) 12.11- 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	HEMATOLOGY PY (physiology) 2.1 Introduction to Blood • Composition of blood • Functions of blood •Plasma – Composition; Serum. • Bone marrow Hemopoiesis	AN (anatomy) 12.11- 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	BI (biochemistry) 9.1,9.2,5.1 Describe the structure of collagen & Elastin and the disorders associated with it	Practical in 3 batches Practical in 3 batches Practical-AN (anatomy) 68.1 - 68.2 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve Describe the structure-function correlation of neuron Practical in 3 batches Practical-AN (anatomy) 69.1 -69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels Practical-PY (physiology) 2.11 Hemocytometry, Charging the Neubauer Chamber- Revision Practical-BI (biochemistry) 11.6,11.18,11.19 Describe the principles of colorimetry Practical-BI (biochemistry) 11.11 Demonstrate estimation of calcium and phosphorous
27	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

28	Small Group 10 tables , table teaching Dissection AN (anatomy) 12.13 to 12.15, 13.3 Describe the anatomical basis of Wrist dropIdentify & describe compartments deep to extensor retinaculum Identify & describe extensor expansion formation Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint	PY (physiology) 2.2 Plasma proteins •Types, Features, Functions, •Plasmapheresis Hypoproteinemia	AN (anatomy) 12.13 to 12.15, 13.1 , Describe the anatomical basis of Wrist drop Identify & describe compartments deep to extensor retinaculum Identify & describe extensor expansion formation Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage	BI (biochemistry) 5.4 Describe the alterations and role of plasma proteins in various diseases VERTICAL INTEGRATION Hypoproteinemia Pediatrics	Practical-PY (physiology) 3.18 (1 hour) Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments Practical-BI (biochemistry) 6.9 & 6.10 Magnesium & Flourine ECE - Examination of patient with edema, (SKILLS LAB) - 1 hr
29	AN (anatomy) 13.5 - 13.6, AN (anatomy) 13.7 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula	AN (anatomy) 15.1-15.5 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions Describe and demonstrate boundaries, floor, roof and contents of femoral triangle Explain anatomical basis of Psoas abscess & Femoral hernia Describe and demonstrate adductor canal with its content	BI (biochemistry) 5.1 BI (biochemistry) 5.2 Describe and discuss structural organization of proteins Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin, myoglobin ECE Lab diagnosis of muscle injury	Dissection AN (anatomy) 14.1 - 14.3 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Describe the importance of ossification of lower end of femur & upper end of tibia	Practical in 3 batches Practical-PY (physiology) 3.18 (1 hour) Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments Practical-BI (biochemistry) 6.9 & 6.10 Magnesium & Flourine ECE - Examination of patient with edema, (SKILLS LAB) - 1 hr

30	Small Group 10 tables , table teaching Dissection AN (anatomy) 16.1 - 16.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign	PY (physiology) 2.4 RBC • Morphology of RBC • RBC count – normal, variations • Variations in size, shape, structure • Life span and destruction of RBCs PCV, ESR	PY (physiology) 2.3 and PY (physiology) 2.4 Haemoglobin Variants of Haemoglobin Erythropoiesis •Definition •Production of red blood cells Sites, stages, regulation	AN (anatomy) 16.1 - 16.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign	Practical in 3 batches Practical-PY (physiology) 3.18 (1 hour) Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments ECE - Examination of patient with edema, (SKILLS LAB) Practical-BI (biochemistry) 6.9 & 6.10 Magnesium & Flourine
31	Small Group 10 tables , table teaching Dissection AN (anatomy) 16.4 to 16.6 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	AN (anatomy) 16.4 to 16.6 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	BI (biochemistry) 6.5 Describe the biochemical role of vitamin B12 in the body and explain the manifestations of their deficiency	SGT in 10 groups BI (biochemistry) 6.5 Describe the biochemical role of vitamin B12 in the body and explain the manifestations of their deficiency	Practical in 3 batches Practical-AN (anatomy) 71.1, 71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure- function correlation of the same Practical-PY (physiology) 2.11 Estimate RBC/ Hb Practical-BI (biochemistry) 11.8, 11.21.11.22 Demonstrate estimation of serum proteins, albumin and A:G ratio Perform estimation of serum proteins

32	Small Group 10 tables , table teaching Dissection AN (anatomy) 17.1 Describe and demonstrate the type, articular surfaces,capsule,synovial membrane,ligaments,relations,movements and muscles involved, blood and nerve supply, bursae around the hip joint	BI (biochemistry) 6.5 Describe the biochemical role of Folic acid in the body and explain the manifestations of their deficiency	AN (anatomy) 17.1 Describe and demonstrate the type, articular surfaces, capsule,synovial membrane,ligaments, relations,movements and muscles involved, blood and nerve supply, bursae around the hip joint	BI (biochemistry) 6.5 Describe the biochemical role of Pyridoxine in the body and explain the manifestations of their deficiency	Practical in 3 batches Practical-AN (anatomy) 71.1 Practical in 3 batches Practical-AN (anatomy) D 71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure- function correlation of the same Practical- PY (physiology) 2.11 Estimate RBC/ Hb Practical-BI (biochemistry) 11.8, 11.21,11.22 Demonstrate estimation of serum proteins, albumin and A:G ratio Perform estimation of serum proteins
33	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

34	Small Group 10 tables , table teaching Dissection AN (anatomy) 18.4 -18.5 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Explain the anatomical basis of locking and unlocking of the knee joint	AN (anatomy) 18.4 -18.5 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Explain the anatomical basis of locking and unlocking of the knee joint	BI (biochemistry) 6.9 BI (biochemistry) 6.10 Describe the functions of Iron in the body, their metabolism and homeostasis Enumerate and describe the disorders associated with iron metabolism	BI (biochemistry) 6.9 BI (biochemistry) 6.10 Describe the functions of Iron in the body, their metabolism and homeostasis Enumerate and describe the disorders associated with iron metabolism	Practical in 3 batches Practical-AN (anatomy) D 71.2 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same Identify cartilage under the microscope & describe various types and structure- function correlation of the same Practical-PY (physiology) 2.11 Estimate RBC/ Hb Practical-BI (biochemistry) 11.8, 11.21, 11.22 Demonstrate estimation of serum proteins, albumin and A:G ratio Perform estimation of serum proteins
35	Small Group 10 tables , table teaching Dissection AN (anatomy) 18.1-18.3 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Explain the anatomical basis of foot drop	VERTICAL INTEGRATION Anemia Physiology: Definition, classification, Types – Iron deficiency anemia, Megaloblastic anemia Pathology & Biochemistry: Pathogenesis, Blood Indices, Investigations in anemia General Medicine: Clinical features, treatment of anemia OBG: Anemia in pregnancy	VERTICAL INTEGRATION Anemia Physiology: Definition, classification, Types – Iron deficiency anemia, Megaloblastic anemia Pathology & Biochemistry: Pathogenesis, Blood Indices, Investigations in anemia General Medicine: Clinical features, treatment of anemia OBG: Anemia in pregnancy	AN (anatomy) 18.1-18.3 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Explain the anatomical basis of foot drop	BI (biochemistry) 6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism. Practical-BI (biochemistry) 6.11 Describe porphyrin metabolism

36	Small Group 10 tables , table teaching Dissection AN (anatomy) 19.1-19.3 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg Explain the concept of “Peripheral heart”	PY (physiology) 2.6 Describe WBC formation (granulopoiesis) and its regulation	AN (anatomy) 19.1-19.3 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg Explain the concept of “Peripheral heart”	COMMUNITY MEDICINE CM 1.4 Describe and discuss the natural history of disease	AETCOM 1.1 What does it mean to be a doctor ? CM 1.9 Demonstrate the important aspects of the doctor patient relationship in a simulated environment
37	PY (physiology) 2.10 Immunity Introduction, Types(Innate & Acquired), Examples Antigens Histocompatibility antigens	BI (biochemistry) 10.3, 10.4 Immunoglobulins Describe the cellular and humoral components of the immune system & describe the types and structure of antibody	BI (biochemistry) 10.5 Describe antigens and concepts involved in vaccine development	EARLY CLINICAL EXPOSURE - PHYSIOLOGY Immunity, Graft Rejection, Immunisation schedule, allergy (250 students in 3 batches on same day).	EARLY CLINICAL EXPOSURE - Immunity, Graft Rejection, Immunisation schedule, allergy (250 students in 3 batches on same day).

38	Small Group 10 tables , table teaching Dissection AN (anatomy) 14.4 Identify and name various bones in the articulated foot with individual muscle attachment	AN (anatomy) 14.4 Identify and name various bones in the articulated foot with individual muscle attachment Small Group teaching in Dissection Lab	AETCOM1.1 What does it mean to be a doctor ?	AETCOM1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy) 70.1 - 70.2 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function Practical-PY (physiology) 2.11 Estimate RBC/ Hb Revision Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in serum protein electrophoresis
39	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
40	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.6, AN (anatomy) 1.2 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Bone composition and bone marrow	PY (physiology) 2.7 Describe the formation of platelets, functions and variations	PY (physiology) 2.13 Describe steps for reticulocyte and platelet count (PATHOLOGY)	BI (biochemistry) 6.5 Describe the biochemical role of Vitamin-K in the body and explain the manifestations of their deficiency Enumerate the anticoagulants and their mechanism of action	Practical in 3 batches Practical-AN (anatomy) 70.1 - 70.2 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function Practical-PY (physiology) 2.11 Estimate RBC/ Hb Revision Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in serum protein electrophoresis

41	Small Group 10 tables , table teaching Dissection AN (anatomy) 19.5 Describe factors maintaining importance arches of the foot with its importance	PY (physiology) 2.8 Describe the physiological basis of hemostasis and, anticoagulants.	PHYSIOLOGY SDL : PY (physiology) 2.8 . Describe bleeding & clotting disorders (Hemophilia, purpura)	AN (anatomy) 19.5 Describe factors maintaining importance arches of the foot with its importance	Practical in 3 batches Practical-AN (anatomy) 70.1 - 70.2 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function Practical-PY (physiology) 2.11 Estimate RBC/ Hb Revision Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in serum protein electrophoresis
42	Small Group 10 tables , table teaching Dissection AN (anatomy) 20.1, Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint.	AN (anatomy) 20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	BI (biochemistry) 3.4 BI (biochemistry) 3.5 Introduction to metabolism, Describe and discuss the basis for regulation of metabolism	BI (biochemistry) 4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.	250 students split in 2 departments BI (biochemistry) OCHEM - T1 Revision Practical- PY (physiology) 2.11 Estimate TLC

43	Small Group 10 tables , table teaching Dissection - AN (anatomy) 20.6, 20.7 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, -Tibial tuberosity, head of fibula, -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular 20.8,20.9 Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial & dorsalis pedis blood vessels in a simulated environment Identify & demonstrate Palpation of vessels (femoral, popliteal, dorsalis pedis,post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins	AN (anatomy) 20.3, 20.5 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb , Explain anatomical basis of varicose veins and deep vein thrombosis	PY (physiology) 2.9 Blood groups Landsteiner's law Blood group systems – ABO system, Rh system, Bombay blood groups Blood grouping – clinical applications Rh incompatibility Blood Transfusion – Indications, whole and component transfusion, collection & storage of blood, Precautions, Complications of mismatched transfusion	COMMUNITY MEDICINE CM 1.5 Describe the application of interventions at various levels of prevention	250 students split in 2 departments BI (biochemistry) OCHEM - T2 Revision Practical- PY (physiology) 2.11 Estimate TLC
44	BI (biochemistry) 3.4 BI (biochemistry) 3.5 Define and discuss the regulation, functions along with associated diseases/disorders of Glycolysis & RL shunt	BI (biochemistry) 3.4 BI (biochemistry) 3.5 Define and discuss the regulation, functions along with associated diseases/disorders of HMP pathway	EARLY CLINICAL EXPOSURE AN (anatomy) DVT, Varicose Veins	EARLY CLINICAL EXPOSURE AN (anatomy) DVT, Varicose Veins	COMMUNITY MEDICINE CM 1.4 Describe and discuss the natural history of disease
45	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

46	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
47	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
48	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
49	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
50	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
51	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
52	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION

53	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
54	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
55	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
56	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment Anatomy IA - 1 DAY 1	Internal assessment IA - 1 DAY 1
57	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
60	Practical Revision for Internal assessment	Practical Revision for Internal assessment	Practical Revision for Internal assessment	Practical Revision for Internal assessment	Practical Revision for Internal assessment
58	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment PHYSIOLOGY IA 1 - DAY 1	Internal assessment IA 1 - DAY 1
59	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment Biochemistry IA 1 - DAY 1	Internal assessment IA 1. - DAY 1
61	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1	PRACTICAL Internal assessment IA 1 DAY 1
62	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2	PRACTICAL Internal assessment IA 1 DAY 2
63	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
64	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3	PRACTICAL Internal assessment IA 1 DAY 3
65	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4	PRACTICAL Internal assessment IA 1 DAY 4

66	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5	PRACTICAL Internal assessment IA 1 DAY 5
67	Small Group 10 tables , table teaching Dissection AN (anatomy) 28.1-28.10 Small Group 10 tables , table teaching Dissection muscles, vessels, nerves of face, facial palsy and cervical lymph nodes	PY (physiology) 4.1 Describe the structure and functions of digestive system	AN (anatomy) 28.1-28.10 Describe the muscles, vessels, nerves of face, facial palsy and cervical lymph nodes	AETCOM 1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy) 26.1- 26.4 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull, Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis Describe cranial cavity, its subdivisions, foramina and structures passing through them Describe morphological features of mandible Practical- PY (physiology) 2.11Blood grouping, BT & CT Practical-BI (biochemistry) 11.13,11.14,2.2 Demonstrate the estimation of SGOT/ SGPT, ALP

68	Small Group 10 tables , table teaching Dissection AN (anatomy) 28.1-28.10 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance Frey's syndrome	AN (anatomy) 28.9, 28.10 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance Frey's syndrome	AN (anatomy) 34.1 & 34.2 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion Describe the basis of formation of submandibular stones	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva	Practical in 3 batches Practical-AN (anatomy)26.1- Practical in 3 batches Practical-AN (anatomy) 26.4 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull, Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis Describe cranial cavity, its subdivisions, foramina and structures passing through them Describe morphological features of mandible Practical- PY (physiology) 2.11Blood grouping, BT & CT Practical-BI (biochemistry) 11.13,11.14,2.2 Demonstrate the estimation of SGOT/ SGPT, ALP
69	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

70	Small Group 10 tables , table teaching Dissection AN (anatomy) 34.1 & 34.2 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion Describe the basis of formation of submandibular stones saliva - functions, composition, regulation	AN (anatomy) 36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate	AN (anatomy) 36.2-36.5 Describe the components and functions of Waldeyer's lymphatic ring Describe the boundaries and clinical significance of pyriform fossa Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess Describe the clinical significance of Killian's dehiscence	AETCOM 1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy) 26.1- 26.4 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull, Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis Describe cranial cavity, its subdivisions, foramina and structures passing through them Describe morphological features of mandible Practical- PY (physiology) 2.11Blood grouping, BT & CT Practical-BI (biochemistry) 11.13,11.14,2.2 Demonstrate the estimation of SGOT/ SGPT, ALP
71	Small Group 10 tables , table teaching Dissection AN (anatomy) 36.1,AN (anatomy) 36.2-36.5 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate Describe the components and functions of Waldeyer's lymphatic ring Describe the boundaries and clinical significance of pyriform fossa Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess Describe the clinical significance of Killian's dehiscence	Tongue AN (anatomy) 39.1 & 39.2 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue Explain the anatomical basis of hypoglossal nerve palsy	AETCOM 1.1 What does it mean to be a doctor ?	AN (anatomy) 23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	General Embryology AN (anatomy) 80.1 to 80.7 and 81.1 to 81.3 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua Describe formation & structure of umbilical cord Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier Describe embryological basis of twinning in monozygotic & dizygotic twins Describe role of placental hormones in uterine growth & parturition Explain embryological basis of estimation of fetal age. Describe various types of umbilical cord attachments Describe various methods of prenatal diagnosis Describe indications, process and disadvantages of amniocentesis Describe indications, process and disadvantages of chorion villus

72	Small Group 10 tables , table teaching Dissection AN (anatomy) 39.1 & 39.2 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue Explain the anatomical basis of hypoglossal nerve palsy	AN (anatomy) 33.1 - 33.5 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type & movements of temporomandibular joint Explain the clinical significance of pterygoid venous plexus Describe the features of dislocation of temporomandibular joint	AN (anatomy) 33.1 - 33.5 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type & movements of temporomandibular joint Explain the clinical significance of pterygoid venous plexus Describe the features of dislocation of temporomandibular joint	VERTICAL INTEGRATION AN (anatomy) Pathology - submandibular stones ENT - Tonsils, adenoids	General Embryology 3rd to 8th week devolopement General Embryology AN (anatomy) 79.1 to 79.6 , Describe the formation & fate of the primitive streak . Describe formation & fate of notochord Describe the process of neurulation Describe the development of somites and intra-embryonic coelom Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha fetoprotein

73	Small Group 10 tables , table teaching Dissection - AN (anatomy) 33.1 - 33.5 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type & movements of temporomandibular joint Explain the clinical significance of pterygoid venous plexus Describe the features of dislocation of temporomandibular joint	PY (physiology) 4.3 Mastication, Deglutition,	COMMUNITY MEDICINE 1.7 Enumerate and describe health indicators	COMMUNITY MEDICINE 1.7 Enumerate and describe health indicators	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 Describe the preparation of buffers and estimation of pH

74	Small Group 10 tables , table teaching Dissection - AN (anatomy) 44.1 - 44.7 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall Describe the formation of rectus sheath and its contents Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Explain the anatomical basis of inguinal hernia	AN (anatomy) 44.1-44.7 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall Describe the formation of rectus sheath and its contents Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Explain the anatomical basis of inguinal hernia	AN (anatomy) 44.1-44.7 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall Describe the formation of rectus sheath and its contents Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Explain the anatomical basis of inguinal hernia	AETCOM 1.1 What does it mean to be a doctor ?	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 Describe the preparation of buffers and estimation of pH
75	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

76	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5, AN (anatomy) 23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus Describe & demonstrate stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Describe & demonstrate jejunum, ileum, appendix and parts of colon	AN (anatomy) 47.1 - 47.4 Peritoneum Describe & identify boundaries and recesses of Lesser & Greater sac Name & identify various peritoneal folds & pouches with its explanation Explain anatomical basis of Ascites & Peritonitis Explain anatomical basis of Subphrenic abscess	Physiology PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of gastric secretion	AN (anatomy) 47.5, Describe & demonstrate stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Describe & demonstrate jejunum, ileum, appendix and parts of colon	" Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 - Describe the preparation of buffers and estimation of pH "
77	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PHYSIOLOGY SDL : PY (physiology) 4.2 Vomiting	AN (anatomy) 47.5 Describe & demonstrate duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of SMALL INTESTINAL secretions Constipation, Diarrhea, Adynamic ileus, Megacolon	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach. Practical- PY (physiology) 2.11 Estimate TLC/Blood grouping, BT, CT (Revision) Practical-BI (biochemistry) 11.2 Describe the preparation of buffers and estimation of pH

78	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate intestines under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN (anatomy) 47.5 Describe & demonstrate intestines under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of small and large intestinal secretions	BI (biochemistry) 3.2,3.3 Describe and discuss the digestion and assimilation of carbohydrates from food.	Biochemistry - A linker of a case of LACTOSE INTOLER Practical in 3 batches Practical-AN (anatomy) CE , CROHN DISEASE, TROPICAL SPRUE SDL Physiology -Dietary Fibers
79	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate rectum and anal canal under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	BI (biochemistry) 4.2 Describe and discuss the digestion and assimilation of lipids from food.	AN (anatomy) 47.5 Describe & demonstrate rectum and anal canal under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.3 Describe small and large intestinal movements; defecation reflex.	Biochemistry - A linker of a case of LACTOSE INTOLER Practical in 3 batches Practical-AN (anatomy) CE , CROHN DISEASE, TROPICAL SPRUE SDL Physiology -Dietary Fibers
80	VERTICAL INTEGRATION PEPTIC ULCER - Anatomy 1 hr Pathology Pharmacology	VERTICAL INTEGRATION PEPTIC ULCER - Physiology 1hr General Medicine MGE	Community medicine 1.6 Describe and discuss the concepts, the principles of health promotion and Education, IEC and Behavioral change communication (BCC).	Early clinical exposure PHYSIOLOGY 1.H-Pylori Microbiology 2.Endoscopy 3.Museum specimens - Pathology Gastric Motility Disorders (PY (physiology) 4.8) Endoscopy, Esophageal manometry (PY (physiology) 4.8)	Early clinical exposure 1.H Practical-PY (physiology) LORI Microbiology 2.ENDOSCOPractical- PY (physiology) MGE 3.Museum specimens - Pathology Gastric Motility Disorders (Practical-PY (physiology) 4.8) Endoscopy, Esophageal manometry (Practical- PY (physiology) 4.8)
81	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

82	Small Group 10 tables , table teaching Dissection AN (anatomy) 47.5 Describe & demonstrate pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN (anatomy) 47.5 Describe & demonstrate pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.2 Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juice	General Embryology AN (anatomy) 78.1 to 78.5 , Describe cleavage and formation of blastocyst Describe the development of trophoblast Describe the process of implantation & common abnormal sites of implantation Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate Describe in brief abortion; decidual reaction, pregnancy test	Practical in 3 batches Practical-AN (anatomy)52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Duodenum, Jejunum, Ileum, Large intestine, Appendix. Practical- PY (physiology) 2.11 Estimate DLC Practical BI (biochemistry) 11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.
83	Lecture : PY (physiology) 6.2 Mechanics of normal respiration, pressure changes during ventilation	Community Medicine 1.6 Introduction to primary health care	Community medicine Measures of dispersion	Lecture : PY (physiology) IA Paper Disscussion	Lecture : AN (anatomy) Paper Explanation
84	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 37.1 Describe and demonstrate features of nasal septum lateral wall of nose their blood supply nerve supply	AN (anatomy) 37.1 Describe and demonstrate features of nasal septum lateral wall of nose their blood supply nerve supply	Community medicine 1.8 Describe the Demographic profile of India and discuss its impact on health	Community medicine Introduction to basic bio statistics	Practical in 3 batches Practical-AN (anatomy) 26.2 osteology of skull - norma frontalis Practical- PY (physiology) 11.13 Introduction to Clinical Physiology, General Examination Practical-BI (biochemistry) 11.3 Describe the chemical components of normal urine

85	AN (anatomy) 37.1 Describe and demonstrate features of nasal septum lateral wall of nose their blood supply nerve supply	PY (physiology) 4.4 Digestion & Absorption of water, minerals and vitamins	VERTICAL INTEGRATION Exocrine - pancreatic juice INTEGRATION: linker of a case of ACUTE Pancreatitis 1.Biochemistry - PcFT 2. Radiology - IMAGING - Best imaging modality 3. General Medicine 4.SURGERY	VERTICAL INTEGRATION Exocrine - pancreatic juice INTEGRATION: linker of a case of ACUTE Pancreatitis 1.Biochemistry - PcFT 2. Radiology - IMAGING - Best imaging modality 3. General Medicine 4.SURGERY	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Duodenum, Jejunum, Ileum, Large intestine, Appendix. Practical- PY (physiology) 2.11 Estimate DLC 11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.
86	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe & demonstrate liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PY (physiology) 4.5 & 4.6 Describe the source of GIT hormones, their regulation and functions Describe the Gut-Brain Axis	Biochemistry & EARLY CLINICAL EXPOSURE GLUTEN ENTEROPATHY, DIETARY FIBRE, COLON C AN (anatomy) CER, MALABSORPTION SYNDROME (Videos, pictures, charts)	AN (anatomy) 47.5 Describe & demonstrate liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Duodenum, Jejunum, Ileum, Large intestine, Appendix. Practical- PY (physiology) 2.11 Estimate DLC 11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.
87	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

88	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 -47.7 Describe & demonstrate extrahepatic biliary apparatus Mention the clinical importance of Calot's triangle	PY (physiology) 4.7 Describe & discuss the structure and functions of liver and gall bladder	BI (biochemistry) Describe bilirubin metabolism and explain the significance of uronic acid pathway	AN (anatomy) 47.5 -47.7 Describe & demonstrate extrahepatic biliary apparatus Mention the clinical importance of Calot's triangle	Practicals Practical- PY (physiology) 2.11 Estimate DLC Revision Practical-PY (physiology) 4.1 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment
89	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.8 - 47.11 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Enumerate the sites of portosystemic anastomosis Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in Jaundice	BI (biochemistry) 6.13,6.14,6.15, 4.8 Describe the functions of the Liver Describe the tests that are commonly done in clinical practice to assess the functions of Liver	AN (anatomy) 47.8 - 47.11 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Enumerate the sites of portosystemic anastomosis Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	Practical- PY (physiology) 2.11 Estimate DLC Revision Practical-PY (physiology) 4.1 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment SEMINAR

90	BI (biochemistry) 7.5 Describe the role of xenobiotics in disease Enumerate and discuss the different types of phases of Detoxification	AN (anatomy) 45.1 - 45.3, 47.12 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & branches Mention the major subgroups of back muscles, nerve supply and actio Describe important nerve plexuses of posterior abdominal wall	BI (biochemistry) Describe alcohol metabolism and the biochemical aspects of fatty liver	BI (biochemistry) VERTICAL INTEGRATION Linker case of JAUNDICE - General Medicine - Pediatrics - Gen Surgery	PRACTICALS ASSESSMENT - OSPE (All 3 departments)
91	BI (biochemistry) 3.4 Define and explain the metabolism of glycogen	BI (biochemistry) 3.4 Explain the regulation of glycogen metabolism and its associated disorders	AN (anatomy) 52.4 , 52.6 Describe the development of anterior abdominal wall Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	AN (anatomy) 45.1 - 45.3 , 47.12 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & branches Mention the major subgroups of back muscles, nerve supply and actio Describe important nerve plexuses of posterior abdominal wall	Lecture in 3 batches AN (anatomy) 45.1 - 45.3, 47.12 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & branches Mention the major subgroups of back muscles, nerve supply and actio Describe important nerve plexuses of posterior abdominal wall
92	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course

93	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 54.2, 55.1, 55.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	Lecture : AN (anatomy) 54.2, 5.1,55.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery "	Lecture : AN (anatomy) 54.2,AN (anatomy) 55.1 - AN (anatomy) 55.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery "	BI (biochemistry) 3.4 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation.	BI (biochemistry) 3.4 Define and explain the metabolic pathway of gluconeogenesis
94	RS PY (physiology) 6.1 Functional anatomy of respiratory tract	COMMUNITY MEDICINE 1.8 Tests of significance	Community medicine Measures of central tendency calculation	PY (physiology) Paper Explanation	Lecture : AN (anatomy) Paper Explanation

95	COMMUNITY MEDICINE 1.8 Sampling frame, sampling techniques and sample size calculation	COMMUNITY MEDICINE 1.8 Sampling frame, sampling techniques and sample size calculation	BI (biochemistry) Paper Explanation	BI (biochemistry) Paper Explanation	PY (physiology) Paper Explanation
96	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
97	Foundation Course / PTM	Foundation Course / PTM	Foundation Course / PTM	Foundation Course / PTM	Foundation Course / PTM
98	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 37.2, 37.3 Function and location of paranasal sinuses Sinusitis and maxillary sinus tumors	AN (anatomy) 37.2 AN (anatomy) 37.3 Function and location of paranasal sinuses Sinusitis and maxillary sinus tumors	Early clinical exposure AN (anatomy) WITH ENT SINUSITIS	PY (physiology) 6.2 Compliance, airway resistance	Practical in 3 batches Practical-AN (anatomy) 26.2 osteology of skull - norma frontalis Practical- PY (physiology) 11.13 Introduction to Clinical Physiology, General Examination Practical-BI (biochemistry) 11.3 Describe the chemical components of normal urine
99	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 38.1 Morphology structure, wall, nerve supply, blood supply, intrinsic and extrinsic muscles of larynx	PY (physiology) 6.2 Lung volume and capacities	PY (physiology) 6.2 Ventilation, V/P ratio and diffusion capacity of lung	AN (anatomy) 38.1 Morphology structure, wall, nerve supply, blood supply, intrinsic and extrinsic muscles of larynx	Practical in 3 batches Practical-AN (anatomy) 26.2 osteology of skull - norma frontalis Practical- PY (physiology) 11.13 Introduction to Clinical Physiology, General Examination Practical-BI (biochemistry) 11.3 Describe the chemical components of normal urine

100	BI (biochemistry) 8.1 Discuss the importance of various dietary components and explain importance of dietary fibre	AN (anatomy) .38.2 Anatomical aspect of laryngitis Anatomical basis of recurrent laryngeal nerve injury	Early clinical exposure SKILLS LAB LMA	Early clinical exposure SKILLS LAB LMA	Physiology Skills Lab Anatomical Landmarks in examination of RS BI (biochemistry) Tutorials / SDL
101	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 21.1 to 21.5 Sternum, typical rib, 1st rib, typical thoracic vertebrae, 2nd,11th, 12th ribs,1st, 11th and 12th thoraci vertebrae, thoracic inlet outlet boundaries, intercostal muscles attachments, direction, nerve supply	AN (anatomy) 21.1 to 21.5 Sternum, typical rib, 1st rib, typical thoracic vertebrae, 2nd,11th, 12th ribs,1st, 11th and 12th thoraci vertebrae, thoracic inlet outlet boundaries, intercostal muscles attachments, direction, nerve supply	BI (biochemistry) 8.2 Early Clinical Exposure PEM ALONG WITH PEDIATRICS & COMMUNITY MEDICINE	Early Clinical exposure BI (biochemistry) 8.2 PEM ALONG WITH PEDIATRICS & COM. MED.	Physiology Skills Lab Anatomical Landmarks in examination of RS BI (biochemistry) Tutorials / SDL
102	Foundation Course	Foundation Course	Foundation Course	Foundation Course	Foundation Course
103	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 21.6 to 21.11 ICN typical Internal thoracic vessels Anterior and posterior intercostal vessels atypical intercostal nerve, superior intercostal artery movements of joints of thoracic cage types of respiration boundaries of mediastinum	AN (anatomy) 21.6 to 21.11 ICN typical Internal thoracic vessels Anterior and posterior intercostal vessels atypical intercostal nerve, superior intercostal artery movements of joints of thoracic cage types of respiration boundaries of mediastinum	PY (physiology) 6.3 Transport of respiratory gases- oxygen and carbon dioxide	PY (physiology) 6.3 Transport of respiratory gases- oxygen and carbon dioxide	Early Clinical Exposure Physiology and Biochemistry ABG ODC curve and charts of RS

104	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.13 Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.14 Attachments opening nerve supply actions of thoracoabdominal diaphragm Abnormal openings of diaphragm and diaphragmatic hernia	AN (anatomy) 47.13 AN (anatomy) 47.14 Attachments opening nerve supply actions of thoracoabdominal diaphragm Abnormal openings of diaphragm and diaphragmatic hernia	BI (biochemistry) 6.12 Describe the derivatives of haemoglobin found in the body and their physiological/ pathological relevance	PY (physiology) 6.11 Discuss the regulation of respiration - neural	Practical in 3 batches Practical-AN (anatomy) 25.1 Histology of lungs and trachea Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of pleural reflection, Lung borders and fissures, Trachea Practical- PY (physiology) 6.9 Clinical Examination of RS Practical-BI (biochemistry) 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders
105	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 24.6 Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 24.1 Extent, length,relations,blood supply, lymphatic drainage, nerve supply of trachea Extent ,blood supply, nerve supply, of pleura, pleural recesses and applied anatomy	AN (anatomy) 24.6 AN (anatomy) 24.1 Extent, length,relations, blood supply, lymphatic drainage, nerve supply of trachea Extent ,blood supply, nerve supply, of pleura, pleural recesses and applied anatomy	PY (physiology) 6.11 Discuss the regulation of respiration - Chemical	PY (physiology)6.6 Early clinical exposure PHYSIOLOGY Charts, videos, recordings Dyspnoea, pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning and periodic breathing	Practical in 3 batches Practical-AN (anatomy) 25.1 Histology of lungs and trachea Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of pleural reflection, Lung borders and fissures, Trachea Practical- PY (physiology) 6.9 Clinical Examination of RS Practical-BI (biochemistry) 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders

106	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 24.2 to 24.5. Side, external features relation root of lungs,bronchial tree, bronchopulmonary segment,clinical aspect blood supply lymphatic drainage of lungs phrenic nv formation distribution	PHYSIOLOGY SDL : PY (physiology) 6.5 Principles of artificial respiration, oxygen therapy	AN (anatomy) 24.2 to 24.5 Side, external features relation root of lungs, bronchial tree, bronchopulmonary segment,clinical aspect blood supply lymphatic drainage of lungs phrenic nerve formation distribution	AN (anatomy) 25.2 Development of lungs, thoracoabdominal diaphragm	Practical in 3 batches Practical-AN (anatomy) 25.1 Histology of lungs and trachea Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of pleural reflection, Lung borders and fissures, Trachea Practical- PY (physiology) 6.9 Clinical Examination of RS Practical-BI (biochemistry) 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders
107	PY (physiology) 6.7 Lung function tests and their clinical significance	BI (biochemistry) 5.5 BI (biochemistry) 2.7 Acute phase reactants Enumerate the acute phase reactants and describe their alterations and role in various diseases Ex: Emphysema	PY (physiology) 6.4 PY (physiology) 6.5 High altitude and deep sea physiology, acclimatization and decompression sickness	PY (physiology) 6.8 Demonstrate the correct technique to perform and interpret spirometry.	Practical- PY (physiology) 6.8 Demonstrate the correct technique to perform & interpret Spirometry ECE-TRACHEOSTOMY/ICTD

108	BI (biochemistry) 8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance)	SGT in 10 groups BI (biochemistry) 8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity	Community Medicine 2.3, 2.4 Scope of Psychology, community behavior and barriers of good health and health seeking behaviour	Community Medicine 2.5 Social security, poverty and its relation to health and disease	Practical- PY (physiology) 6.8 Demonstrate the correct technique to perform & interpret Spirometry ECE-TRACHEOSTOMY/ICTD
109	AETCOM 1.2 What does it mean to be a patient ?	VERTICAL INTEGRATION NUTRITION BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy Biochemistry, Pediatrics, Community Medicine, Critical care	VERTICAL INTEGRATION NUTRITION Biochemistry, Pediatrics, Community Medicine, Critical care	AETCOM 1.2 What does it mean to be a patient ?	AETCOM 1.2 What does it mean to be a patient ?

110	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 23.3,21.11 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	CVS PY (physiology) 5.1 Describe the functional anatomy of heart including chambers, sounds	BI (biochemistry) 4.1,4.2 Describe the beta oxidation of FA	AN (anatomy) 23.3,21.11 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	Practical in 3 batches Practical-AN (anatomy) 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of Heart borders, Apex beat & Surface projection of valves of heart Practical- PY (physiology) 6.10 Demonstrate the correct technique to perform respiratory efficiency test & PEFR - ECE Practical-BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy

111	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	AN (anatomy) 22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	PY (physiology) 5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	BI (biochemistry) 4.1,4.2 Discuss the disorders of FA oxidation Explain an overview of FA synthesis	Practical in 3 batches Practical-AN (anatomy) 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of Heart borders, Apex beat & Surface projection of valves of heart Practical- PY (physiology) 6.10 Demonstrate the correct technique to perform respiratory efficiency test & PEFR - ECE Practical-BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy

112	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 22.2 Describe & demonstrate external and internal features of each chamber of heart 22.6 Describe the fibrous skeleton of heart	PY (physiology) 5.4 Describe generation, conduction of cardiac impulse PY (physiology) 5.1 Pacemaker tissue and conducting system	AN (anatomy) 22.2 Describe & demonstrate external and internal features of each chamber of heart AN (anatomy) 22.6 Describe the fibrous skeleton of heart	BI (biochemistry) 4.1,4.2 Describe the structure, functions and synthesis of cholesterol metabolism	Practical in 3 batches Practical-AN (anatomy) 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra Practical in 3 batches Practical-AN (anatomy) 25.9 Demonstrate surface marking of lines of Heart borders, Apex beat & Surface projection of valves of heart Practical- PY (physiology) 6.10 Demonstrate the correct technique to perform respiratory efficiency test & PEFR - ECE Practical-BI (biochemistry) 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy
113	BI (biochemistry) 4.1,4.2,4.7 Describe the structure, functions and synthesis of cholesterol metabolism and associated disorders	PY (physiology) 5.3 Discuss the events occurring during the cardiac cycle	PY (physiology) 5.3 Discuss the events occurring during the cardiac cycle	AN (anatomy) REVISION OSTEOLOGY	PRACTICALS Practical- PY (physiology) 6.9 Clinical Examination of RS - Revision Practical-BI (biochemistry) 11.9 Demonstrate the estimation of serum total cholesterol and HDL- cholesterol, TRIGLYCERIDES

114	PY (physiology) 5.8 PY (physiology) 5.9 Heart Rate and Regulation	PY (physiology) 5.8 PY (physiology) 5.9 Heart Rate and Regulation	COMMUNITY MEDICINE 2.1 Describe social, cultural factors in health and disease	COMMUNITY MEDICINE 2.1 Describe social, cultural factors in health and disease	PRACTICALS Practical- PY (physiology) 6.9 Clinical Examination of RS - Revision Practical-BI (biochemistry) 11.9 Demonstrate the estimation of serum total cholesterol and HDL- cholesterol, TRIGLYCERIDES
115	Early clinical exposure ATHEROSCLEROSIS BI (biochemistry) 4.3 Explain the metabolism and the regulation of Lipoproteins	BI (biochemistry) 4.5 BI (biochemistry) 4.4 Describe the structure and functions of lipoproteins and their interrelations and relations with atherosclerosis Discuss hyperlipidemia and lipid storage disorders Interpret laboratory results of analytes associated with metabolism of lipids	PY (physiology) 5.7 Describe and discuss haemodynamics of circulatory system	AETCOM 1.2 What does it mean to be a patient ?	AETCOM 1.2 What does it mean to be a patient ?

					Practical in 3 batches Practical-AN (anatomy) 67.1 Describe & identify various types of muscle under the microscope Practical in 3 batches Practical-AN (anatomy) 69.1 Identify elastic & muscular blood vessels, capillaries under the microscope
116	PY (physiology) 5.8 & PY (physiology) 5.9 Cardiac output	PHYSIOLOGY SDL : PY (physiology) 5.8 & PY (physiology) 5.9 Cardiac output Calculation of output	BI (biochemistry) 4.1,4.2 Describe the functions and metabolic role of TGL Discuss the metabolism and regulation of adipose tissue	Early clinical exposure - Physiology Hypertension Clinic Visit Effects of Yoga on HT - Lecture	Practical- PY (physiology) 5.15 Clinical Examination of CVS Practical-BI (biochemistry) 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents

117	BI (biochemistry) 41,4.2 Discuss the metabolism and disorders of ketone bodies	PY (physiology) 5.7 Hemodynamics	PY (physiology) 5.9 Describe the factors affecting BP regulation of blood pressure	Early clinical exposure - Physiology Hypertension Clinic Visit Effects of Yoga on HT - Lecture	Practical in 3 batches Practical-AN (anatomy) 67.1 Describe & identify various types of muscle under the microscope Practical in 3 batches Practical-AN (anatomy) 69.1 Identify elastic & muscular blood vessels, capillaries under the microscope Practical- PY (physiology) 5.15 Clinical Examination of CVS Practical-BI (biochemistry) 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents

118	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 22.3 Describe & demonstrate origin, course and branches of coronary arteries 22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus 22.4 Describe anatomical basis of ischaemic heart disease 22.7 Mention the parts, position and arterial supply of the conducting system of heart	AN (anatomy) 22.3 Describe & demonstrate origin, course and branches of coronary arteries AN (anatomy) 22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus AN (anatomy) 22.4 Describe anatomical basis of ischaemic heart disease AN (anatomy) 22.7 Mention the parts, position and arterial supply of the conducting system of heart	BI (biochemistry) Describe the metabolism of arginine and NO	PY (physiology) 5.10 Describe & discuss regional circulation including coronary, cerebral, pulmonary and splanchnic circulation	Practical in 3 batches Practical-AN (anatomy) 67.1 Describe & identify various types of muscle under the microscope 69.1 Identify elastic & muscular blood vessels, capillaries under the microscope Practical- PY (physiology) 5.15 Clinical Examination of CVS Practical-BI (biochemistry) 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents

119	PY (physiology) 5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	Early clinical Exposure Coronary Artery Disease PY (physiology) 5.6 BI (biochemistry) 2.5 BI (biochemistry) 2.7 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction Describe and discuss the clinical utility of serum cardiac enzymes and proteins as markers in cardiac pathological conditions Interpret laboratory results of cardiac enzyme activities	Early clinical Exposure Coronary Artery Disease PY (physiology) 5.6 BI (biochemistry) 2.5 BI (biochemistry) 2.7 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction Describe and discuss the clinical utility of serum cardiac enzymes and proteins as markers in cardiac pathological conditions Interpret laboratory results of cardiac enzyme activities	Early clinical Exposure Coronary Artery Disease PY (physiology) 5.6 BI (biochemistry) 2.5 BI (biochemistry) 2.7 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction Describe and discuss the clinical utility of serum cardiac enzymes and proteins as markers in cardiac pathological conditions Interpret laboratory results of cardiac enzyme activities	PRACTICALS Practical- PY (physiology) 5.15 Clinical Examination of CVS - Revision SKILLS LAB VISIT - SIMM Practical in 3 batches Practical-AN (anatomy) 2 Auscultation of CVS ECG Rhythms Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DYSLIPIDEMIA,MYOCARDIAL INFARCTION

120	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 23.2Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy 23.3Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins 23.4Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	BI (biochemistry) 5.4 Describe and discuss the metabolism of sulphur containing amino acids	AN (anatomy) 23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy AN (anatomy) 23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins AN (anatomy) 23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	Community medicine 2.2 Type of family and role of family in health and disease	PRACTICALS Practical- PY (physiology) 5.15 Clinical Examination of CVS - Revision SKILLS LAB VISIT - SIMM Practical in 3 batches Practical-AN (anatomy) 2 Auscultation of CVS Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DYSLIPIDEMIA,MYOCARDIAL INFARCTION

121	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 23.5 Identify & Mention the location and extent of thoracic sympathetic chain 23.6 Describe the splanchnic nerves 23.7 Mention the extent, relations and applied anatomy of lymphatic duct	AN (anatomy) 23.5 Identify & Mention the location and extent of thoracic sympathetic chain AN (anatomy) 23.6 Describe the splanchnic nerves AN (anatomy) 23.7 Mention the extent, relations and applied anatomy of lymphatic duct	BI (biochemistry) 5.4 Describe and discuss the metabolism of sulphur containing amino acids	PY (physiology) 5.10 Describe & discuss regional circulation including microcirculation lymphatic circulation, capillary, skin	PY (physiology) 5.11 Describe the patho-physiology of shock, syncope and heart failure
122	Early Clinical exposure PY (physiology) 5.11 Describe the patho-physiology of shock, syncope and heart failure Charts Crosswords SKILLS LAB - Hemodynamic Monitoring	Early Clinical exposure PY (physiology) 5.11 Describe the patho-physiology of shock, syncope and heart failure Charts Crosswords SKILLS LAB - Hemodynamic Monitoring	PY (physiology) 5.10 Describe & discuss regional circulation including fetal circulation	AN (anatomy) 25.3 Describe fetal circulation and changes occurring at birth	REVISION Practical- PY (physiology) 5.12 Recording of Blood Pressure Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine

123	AETCOM 1.2 What does it mean to be a patient ? CM 1.9 Demonstrate the important aspects of the doctor patient relationship in a simulated environment	AETCOM 1.2 What does it mean to be a patient ? CM 1.9 Demonstrate the important aspects of the doctor patient relationship in a simulated environment	AN (anatomy) 25.4 Describe embryological basis of: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo-oesophageal fistula	AN (anatomy) 25.4 Describe embryological basis of: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo-oesophageal fistula	REVISION Practical- PY (physiology) 5.12 Recording of Blood Pressure Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine
124	BI (biochemistry) 5.4 DISCUSS THE METABOLISM OF AROMATIC AMINO ACIDS & ITS ASSOCIATED DISORDERS	BI (biochemistry) 5.4 DISCUSS THE METABOLISM OF AROMATIC AMINO ACIDS & ITS ASSOCIATED DISORDERS	Early clinical exposure AN (anatomy) CONGENITAL AN (anatomy) OMALIES AN (anatomy) 25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	Early clinical exposure AN (anatomy) Dissection AN (anatomy) 25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	PRACTICALS Practical- PY (physiology) 5.12 Recording of Blood Pressure (Revision) Practical-BI (biochemistry) 11.5 Describe the use of paper chromatography

125	BI (biochemistry) 5.4 DISCUSS METABOLISM OF GLYCINE & ITS CLINICAL IMPORT AN (anatomy) CE	BI (biochemistry) 5.4 METABOLISM OF BR AN (anatomy) CHED CHAIN AMINOACIDS AN (anatomy) D ITS ASSOCIATED DISORDERS	Early Clinical exposure AN (anatomy) WITH RADIOLOGY AN (anatomy) 25.7	Early Clinical exposure AN (anatomy) WITH RADIOLOGY Dissection AN (anatomy) 25.9	PRACTICALS Practical- PY (physiology) 5.12 Recording of Blood Pressure (Revision) Practical-BI (biochemistry) 11.5 Describe the use of paper chromatography
126	BI (biochemistry) 11.5 Early clinical exposure INBORN ERRORS OF METABOLISM	BI (biochemistry) 11.5 Early clinical exposure INBORN ERRORS OF METABOLISM	Community medicine CM 2.3, 2.4 Scope of Psychology, community behavior and barriers of good health and health seeking behaviour	Community medicine CM 2.2 Type of family and role of family in health and disease	PRACTICALS Practical- PY (physiology) 5.12 Recording of Blood Pressure (Revision) Practical-BI (biochemistry) 11.5 Describe the use of paper chromatography
127	AETCOM 1.2 What does it mean to be a patient ?	AETCOM 1.2 What does it mean to be a patient ?	Early clinical exposure PY (physiology) 5.12, 5.13, PY (physiology) 5.14 Done as three groups Recording of Blood Pressure SKILLS LAB, Charts, SDL	Early clinical exposure Recording of Blood Pressure SKILLS LAB, Charts, SDL	Early clinical exposure Recording of Blood Pressure SKILLS LAB, Charts, SDL

128	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 30.5 Describe the location and relations of pituitary gland Describe the origin, components, course, termination of optic nerve and various visual defects due to pituitary tumour	PY (physiology) 8.6 Introduction to endocrinology, Mechanism of action of steroid, amine and protein hormones second messengers	PY (physiology) 8.2 (4) Hypothalamus & anterior pituitary hormones	AN (anatomy) 30.5. Describe the location and relations of pituitary gland Describe the origin, components, course, termination of optic nerve and various visual defects due to pituitary tumour	Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland 26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull 26.2 Describe the features of norma verticalis, occipitalis, lateralis and basalis Practical- PY (physiology) 5.12 Blood Pressure - Effects of Exercise Practical-BI (biochemistry) 11.21 Demonstrate estimation of Urea

129	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 29.1, 29.3, and 29.4 Describe the attachments, relations, blood supply, nerve supply and clinical importance of sternocleidomastoid muscle. Describe the boundaries, roof, floor,contents and clinical importance of occipital and subclavian triangle.	PY (physiology) 8.2 (5) Growth hormone	PY (physiology) 8.2 (6) Posterior pituitary	AN (anatomy) 29.1, 29.3, and 29.4 Describe the attachments, relations, blood supply, nerve supply and clinical importance of sternocleidomastoid muscle. Describe the boundaries, roof, floor,contents and clinical importance of occipital and subclavian triangle. Explain anatomical basis of wry neck Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2) scalenus anterior, 3) scalenus medius & 4) levator scapulae	Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland 26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull 26.2 Describe the features of norma verticalis, occipitalis, lateralis and basalis Practical- PY (physiology) 5.12 Blood Pressure - Effects of Exercise Practical-BI (biochemistry) 11.21 Demonstrate estimation of Urea

130	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 32.1, 32.2 Describe the boundaries and subdivisions of anterior triangle Describe the boundaries and contents of muscular, carotid, digastric and submental triangles	AN (anatomy) 32.1 AN (anatomy) 32.2 Describe the boundaries and subdivisions of anterior triangle Describe the boundaries and contents of muscular, carotid, digastric and submental triangles	Early Clinical exposure PHYSIOLOGY Growth and Development Physiology, Pathology, Pediatrics (PY (physiology) 11.6 Physiology of Infancy and Ageing) and Genetics	Early Clinical exposure PHYSIOLOGY Growth and Development Physiology, Pathology, Pediatrics (PY (physiology) 11.6 Physiology of Infancy and Ageing) and Genetics	Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland 26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull 26.2 Describe the features of norma verticalis, occipitalis, lateralis and basalis Practical- PY (physiology) 5.12 Blood Pressure - Effects of Exercise Practical-BI (biochemistry) 11.21 Demonstrate estimation of Urea
131	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.1 Describe the parts, extent, attachments of deep cervical fascia Describe the modifications special features of deep cervical fascia	AETCOM 1.3 The doctor-patient relationship	AETCOM 1.3 The doctor-patient relationship	AN (anatomy) 35.1 Describe the parts, extent, attachments of deep cervical fascia Describe the modifications special features of deep cervical fascia	PRACTICALS Practical- PY (physiology) 5.12 Blood Pressure - Effects of Posture SDL

132	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.2 Describe the location, parts, coverings, surfaces, borders, relations, blood supply and clinical importance of thyroid gland. Describe parathyroid gland	PY (physiology) 8.2(1) Synthesis and secretion actions of thyroid hormones	PY (physiology) 8.2 (2) Regulation and applied aspect of thyroid hormones	AN (anatomy) 47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	PRACTICALS Practical- PY (physiology) 5.12 Blood Pressure - Effects of Posture SDL
133	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Early Clinical exposure Biochemistry BI (biochemistry) 6.9, 6.10, 6.13 to 6.15 Describe the functions of Iodine Enumerate and describe the disorders associated with Iodine Describe the tests that are commonly done in clinical practice to assess the functions of thyroid gland Describe the role of thyroid function tests in the interpretation of the abnormalities of thyroid gland	Early Clinical exposure Biochemistry THYROID FUNCTION TESTS INTERPRETATION	EARLY CLINICAL EXPOSURE WITH SURGERY AN (anatomy) 35.2 Describe the location, parts, coverings, surfaces, borders, relations, blood supply and clinical importance of thyroid gland. Describe parathyroid gland	EARLY CLINICAL EXPOSURE WITH SURGERY AN (anatomy) 35.2 Describe the location, parts, coverings, surfaces, borders, relations, blood supply and clinical importance of thyroid gland. Describe parathyroid gland

134	PY (physiology) 8.2(7) Adrenal Gland - synthesis, secretion, transport, regulation and effect of altered secretion of adrenal hormones	BI (biochemistry) 6.14 (PY (physiology) 8.4) BI (biochemistry) 6.15 Describe the tests that are commonly done in clinical practice to assess the functions of adrenal gland Describe the role of adrenal function tests in the interpretation of the abnormalities of adrenal gland	VERTICAL INTEGRATION ADRENAL DISORDERS PHYSIOLOGY, BI (biochemistry) OCHEMISTRY, PATHOLOGY, ENDOCRINOLOGY	VERTICAL INTEGRATION ADRENAL DISORDERS PHYSIOLOGY, BI (biochemistry) OCHEMISTRY, PATHOLOGY, ENDOCRINOLOGY	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Suprarenal gland Practical in 3 batches Practical-AN (anatomy) 26.4 Describe morphological features of mandible Practical in 3 batches Practical-AN (anatomy) 26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.21 Demonstrate estimation of Glucose

135	PY (physiology) 8.2(8) Mechanism of action and functions of hormones of pancreas and insulinoma	BI (biochemistry) 3.9 Hormonal regulation of blood glucose Discuss the mechanism and significance of blood glucose regulation in health and disease.	Early clinical exposure DIABETES MELLITUS BI (biochemistry) 7.7 BI (biochemistry) 8.3 Describe the pathogenesis of diabetes mellitus & its complications. Provide dietary advice for optimal health in childhood and adult, in diabetes mellitus	Early clinical exposure DIABETES MELLITUS BI (biochemistry) 3.8 BI (biochemistry) 3.10 Laboratory results of analytes associated with diabetes mellitus Interpret the results of blood glucose levels and other laboratory investigations in diabetes mellitus.	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Suprarenal gland Practical in 3 batches Practical-AN (anatomy) 26.4 Describe morphological features of mandible Practical in 3 batches Practical-AN (anatomy) 26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.21 Demonstrate estimation of Glucose

136	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.3 to 35.5 Describe the origin, parts, course, branches of subclavian artery describe the origin, course, relations, tributaries nd termination of Internal jugular vein and brachiocephalic vein. Describe the extent, drainage, location and applied aspect of cervical lymph nodes	AN (anatomy) 35.3 to 35.5 Describe the origin, parts, course, branches of subclavian artery describe the origin, course, relations, tributaries and termination of Internal jugular vein and brachiocephalic vein. Describe the extent, drainage, location and applied aspect of cervical lymph nodes	PY (physiology) 8.5 VERTICAL INTEGRATION Physiology General Medicine Community Medicine Psychiatry Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response. Outline the psychiatry component pertaining to metabolic syndrome	PY (physiology) 8.5 VERTICAL INTEGRATION Physiology General Medicine Community Medicine Psychiatry Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response. Outline the psychiatry component pertaining to metabolic syndrome	Practical in 3 batches Practical-AN (anatomy) 52.1 Describe & identify the microanatomical features of Suprarenal gland Practical in 3 batches Practical-AN (anatomy) 26.4 Describe morphological features of mandible Practical in 3 batches Practical-AN (anatomy) 26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.21 Demonstrate estimation of Glucose
137	BI (biochemistry) 6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states	AN (anatomy) 35.7 Describe the course and branches of 9, 10, 11, 12 nerves	ASSESSMENT	ASSESSMENT	PRACTICALS Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP - SDL Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DIABETES MELLITUS

138	LGN AN (anatomy) OSTEOLOGY Revision Dissection hall	Early clinical exposure RFT INTERPRETATION BI (biochemistry) 16.3,16.4 (PY (physiology) 7.4,7.8) Describe the functions of the kidney Describe the tests that are commonly done in clinical practice to assess the functions of kidney	Early clinical exposure RFT INTERPRETATION BI (biochemistry) 16.3,16.4 (PY (physiology) 7.4,7.8) Describe the functions of the kidney Describe the tests that are commonly done in clinical practice to assess the functions of kidney	PY (physiology) 7.7 VERTICAL INTEGRATION Describe artificial kidney, dialysis and renal transplantation Physiology, Pathology General Medicine Nephrology	Practical in 3 batches Practical-AN (anatomy) 53.4 lumbar vertebrae Practical in 3 batches Practical-AN (anatomy) 54.2 Describe & identify the special radiographs of abdominopelvic region Intravenous pyelography Practical in 3 batches Practical-AN (anatomy) 55.1 Demonstrate the surface marking of renal angle Practical in 3 batches Practical-AN (anatomy) 55.2 Demonstrate the surface projections of kidney OSPE & CHARTS Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states

139	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.2 Describe the locations,features,parts,blood supply,nerve supply and Applied anatomy of Urethra	AN (anatomy) 48.2 Describe the locations, features,parts,blood supply,nerve supply and Applied anatomy of Urethra	Lecture : AN (anatomy) Developement of CVS	Lecture : AN (anatomy) Developement of CVS	Practical in 3 batches Practical-AN (anatomy) 53.4 lumbar vertebrae Practical in 3 batches Practical-AN (anatomy) 54.2 Describe & identify the special radiographs of abdominopelvic region Intravenous pyelography Practical in 3 batches Practical-AN (anatomy) 55.1 Demonstrate the surface marking of renal angle Practical in 3 batches Practical-AN (anatomy) 55.2 Demonstrate the surface projections of kidney OSPE & CHARTS Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states

140	BI (biochemistry) CHARTS	Lecture : AN (anatomy) ENDOCRINE DEV	AETCOM 1.3 The doctor-patient relationship	AN (anatomy) 52.7 Describe the development of Kidney,Ureter,Urinary bladder,prostate gland and urethra with developmental Anomalies	Practical in 2 batches Practical-AN (anatomy) 53.4 lumbar vertebrae 54.2 Describe & identify the special radiographs of abdominopelvic region Intravenous pyelography 55.1 Demonstrate the surface marking of renal angle 55.2 Demonstrate the surface projections of kidney OSPE & CHARTS Practical-BI (biochemistry) 11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states
141	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
142	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
143	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION

144	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
145	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
146	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) SUBJECT REVISION	PY (physiology) SUBJECT REVISION	Lecture in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
147	ASSESSMENT AN (anatomy) 2	ASSESSMENT AN (anatomy) 2	ASSESSMENT AN (anatomy) 2	ASSESSMENT AN (anatomy) 2	ASSESSMENT 2
148	ASSESSMENT PHYSIOLOGY2	ASSESSMENT PHYSIOLOGY2	ASSESSMENT PHYSIOLOGY2	ASSESSMENT PHYSIOLOGY2	ASSESSMENT 2
149	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT BI (biochemistry) OCHEMISTRY 2	ASSESSMENT 2
150	PRACTICAL REVISION	PRACTICAL REVISION	PRACTICAL REVISION	PRACTICAL REVISION	PRACTICAL REVISION
151	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1
152	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2
153	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3
154	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4
155	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5

156	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 43.1 Describe the atlanto-occipital joint and atlanto-axial joints and demonstrate movements, muscles producing movements.	AN (anatomy) 43.1 Describe the atlanto-occipital joint and atlanto-axial joints and demonstrate movements, muscles producing movements.	BI (biochemistry) 3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders	Community Medicine 2.5 Art of interviewing	PRACTICALS Practical- PY (physiology) 5.16 Arterial Pulse Tracing & JVP Practical-BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in DIABETES MELLITUS
157	AETCOM 1.3 The doctor-patient relationship	AETCOM 1.3 The doctor-patient relationship	BI (biochemistry) 3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders - OPEN HOUSE	SGT in 10 groups BI (biochemistry) 3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders -OPEN HOUSE	PY (physiology) 8.3 Physiology of Thymus & Pineal gland
158	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe the Anatomical position,external features,relations,internal features,vascular segments,blood supply,nerve supply,lymphatic drainage and Applied anatomy of Kidney	AN (anatomy) 47.5 (PY (physiology) 7.1) Describe the Anatomical position,external features, relations,internal features, vascular segments,blood supply,nerve supply, lymphatic drainage and Applied anatomy of Kidney	PY (physiology) 7.1 Renal Blood flow PY (physiology) 7.2 Describe the structure and functions of juxtaglomerular apparatus and role of renin-angiotensin system	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of filtration GFR	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test Practical-BI (biochemistry) 11.21,11.22 Demonstrate estimation of CREATININE Calculate creatinine clearance

159	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of tubular reabsorption & secretion	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of tubular reabsorption & secretion	VERTICAL INTEGRATION Clearance Tests, Nephrotic Syndrome, AGN Physiology Pathology Pediatrics Nephrology	AN (anatomy) 47.5 Describe the location,parts, relations,constrictions,blood supply,nerve supply, lymphatic drainage and Applied anatomy of Ureter	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test Practical-BI (biochemistry) 11.21,11.22 Demonstrate estimation of CREATININE Calculate creatinine clearance
160	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 47.5 Describe the location,parts,relations,constrictions,blood supply,nerve supply,lymphatic drainage and Applied anatomy of Ureter	BI (biochemistry) 5.4 Describe the formation, transport, fate and disposal of ammonia Describe the formation of urea	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of concentration and diluting mechanism	PY (physiology) 7.3 Describe the mechanism of urine formation involving processes of concentration and diluting mechanism	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test Practical-BI (biochemistry) 11.21,11.22

161	PY (physiology) 7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	PY (physiology) 7.9 Early clinical exposure Physiology Describe cystometry and discuss the normal cystometrogram	BI (biochemistry) 6.7 (PY (physiology) 1.7) Describe the processes involved in maintenance of normal pH & the role of buffers	BI (biochemistry) 6.7 (PY (physiology) 1.7) Describe the processes involved in maintenance of normal pH & the role of buffers	PRACTICALS Practical- PY (physiology) 5.13 & Practical- PY (physiology) 5.14 Normal ECG and Cardiovascular function test 11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - renal failure, - proteinuria, nephrotic syndrome
162	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.2,48.6 Describe the location,external features,,relations, internal features, ligaments,blood supply,nerve supply,lymphatic drainage and Applied anatomy of Urinary bladder	Community Medicine 2.5 Socio-demographictest briefing	Community Medicine 2.5 Socio-demographictest briefing	AN (anatomy) 48.2,48.6 Describe the location, external features,,relations, internal features,ligaments, blood supply,nerve supply, lymphatic drainage and Applied anatomy of Urinary bladder	Practical in 2 batches Practical- PY (physiology) 5.13 , 5.14 Normal ECG and Cardiovascular function test Practical- BI 11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - renal failure, - proteinuria, nephrotic syndrome

163	BI (biochemistry) 6.7 (PY (physiology) 1.7) Describe the processes involved in maintenance of normal pH & the role of buffers	PY (physiology) 7.5 B16.7 VERTICAL INTEGRATION Electrolyte Imbalance PY (physiology) 7.5 Describe the renal regulation of fluid and electrolytes balance BI (biochemistry) 6.7 Describe the derangements associated with water & electrolyte balance of body fluids Physiology Biochemistry Anaesthesia General Medicine	PY (physiology) 7.5 B16.7 VERTICAL INTEGRATION Electrolyte Imbalance PY (physiology) 7.5 Describe the renal regulation of fluid and electrolytes balance BI (biochemistry) 6.7 Describe the derangements associated with water & electrolyte balance of body fluids Physiology Biochemistry Anaesthesia General Medicine	Early clinical exposure - ACID BASE DISORDERS Dissection AN (anatomy) AESTHESIA MEDICINE BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in disorders of acid- base balance NOTE : RESEARCH HOUR	Early clinical exposure - ACID BASE DISORDERS Dissection AN (anatomy) AESTHESIA MEDICINE BI (biochemistry) 11.17 Explain the basis and rationale of biochemical tests done in disorders of acid- base balance NOTE : RESEARCH HOUR

164	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) Intro to Reproductive System 53.1 to 53.3 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis (48.1)	PY (physiology) 9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association.	AN (anatomy) 53.1 AN (anatomy) 53.2 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet AN (anatomy) 53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis	PY (physiology) 9.1 Describe and discuss sex determination, sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Practical- PY (physiology) 10.11 Higher functions Practical-BI (biochemistry) 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography

165	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 46.1 Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy	AN (anatomy) 46.1 Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy	BI (biochemistry) 6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	PY (physiology) 9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Practical- PY (physiology) 10.11 Higher functions Practical-BI (biochemistry) 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography

166	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 46.2 to 46.5 Describe parts of Epididymis Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) Explain the anatomical basis of Varicocoele Explain the anatomical basis of Phimosis & Circumcision	AN (anatomy) 46.2 AN (anatomy) 46.3 AN (anatomy) 46.4 AN (anatomy) 46.5 Describe parts of Epididymis Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) Explain the anatomical basis of Varicocoele Explain the anatomical basis of Phimosis & Circumcision	BI (biochemistry) 6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	SGT in 10 groups BI (biochemistry) 6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Practical- PY (physiology) 10.11 Higher functions Practical-BI (biochemistry) 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography
167	AN (anatomy) 48.7 Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	AN (anatomy) 48.7 VERTICAL INTEGRATION (WITH UROLOGY/ SURGERY) Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	COMMUNITY MEDICINE 4.1, Health education-definition, approaches, methods	Early Clinical Exposure AN (anatomy) 48.7 (WITH UROLOGY/ SURGERY) Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	Early Clinical Exposure Lecture in 3 batches AN (anatomy) 48.7 (WITH UROLOGY/ SURGERY) Describe prostate and Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer

168	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important female pelvic viscera (uterus, ovary, uterine tube)	AN (anatomy) 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important female pelvic viscera (uterus, ovary, uterine tube)	PY (physiology) 9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes	PY (physiology) 9.5 Describe and discuss the physiological effects of female sex Hormones HPO axis	Early clinical exposure Practical in 3 batches Practical-AN (anatomy) 48.5 (WITH OBG) Explain the anatomical basis of Retroverted uterus, Prolapse uterus,Vasectomy, Tubal pregnancy & Tubal ligation
169	EARLY CLINICAL EXPOSURE BI (biochemistry) 6.3,6.4 ECE BI (biochemistry) OCHEMISTRY Describe the common disorders associated with nucleotide metabolism Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome.	EARLY CLINICAL EXPOSURE BI (biochemistry) 6.3,6.4 ECE BI (biochemistry) OCHEMISTRY Describe the common disorders associated with nucleotide metabolism Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome	EARLY CLINICAL EXPOSURE PY (physiology) 9.6,9.7 ECE WITH OBG PHYSIOLOGY Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages Describe and discuss the effects of removal of gonads on physiological functions	FORMATIVE ASSESSMENT	FORMATIVE ASSESSMENT

170	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery 48.4 Describe the branches of sacral plexus	PY (physiology) 9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.	PY (physiology) 9.8 Describe and discuss the physiology of lactation and outline the psychology and psychiatry-disorders associated with it.	AN (anatomy) 48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery AN (anatomy) 48.4 Describe the branches of sacral plexus	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of:Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord Practical- PY (physiology) 10.11 Examination of Sensory system & OSPE Practical-BI (biochemistry) 11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet
171	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 49.1 to 49.3 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Describe the superficial & deep perineal pouch (boundaries and contents) Describe Perineal body Describe & Perineal membrane in male & female	AN (anatomy) 49.1 to 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Describe the superficial & deep perineal pouch (boundaries and contents) Describe Perineal body Describe & Perineal membrane in male & female	AN (anatomy) 49.1 to 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa Describe the superficial & deep perineal pouch (boundaries and contents) Describe Perineal body Describe & Perineal membrane in male & female	PY (physiology) 9.9, PY (physiology) 9.10 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of:Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord Practical- PY (physiology) 10.11 Examination of Sensory system & OSPE Practical-BI (biochemistry) 11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet

172	PY (physiology) 9.11, 9.12 Discuss the hormonal changes and their effects during perimenopause and menopause Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	AETCOM 1.4 The foundations of communication-1	AN (anatomy) 52.8 Describe the development of male reproductive system	PY (physiology) 9.11, 9.12 Discuss the hormonal changes and their effects during perimenopause and menopause Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	Practical in 3 batches Practical-AN (anatomy) 52.2 Describe & identify the microanatomical features of:Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord Practical- PY (physiology) 10.11 Examination of Sensory system & OSPE Practical-BI (biochemistry) 11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet
173	AN (anatomy) Tutorials /SDL	AN (anatomy) RADIOLOGY OF THORAX	Anatomy, T1 Physiology T2 PRACTICAL REVISION	Anatomy, T1 Physiology T2 PRACTICAL REVISION	Anatomy, Physiology and Biochemistry Practicals REVISION
174	PHYSIOLOGY /SDL PY (physiology) 9.10 Tests for ovulation and Pregnancy	Community Medicine 2.5 Visit to hospital and demonstration of socio-demographic assessing patient	Community Medicine 2.5 Visit to hospital and demonstration of socio-demographic assesing patient	AN (anatomy) EXCREATORY DEV	Anatomy, Physiology and Biochemistry Practicals REVISION
175	COMMUNITY MEDICINE Analysis and presentation making	COMMUNITY MEDICINE Presentation and discussion	COMMUNITY MEDICINE CM 4.1 Communication process, types, barriers	PY (physiology) CALCULATIONS IN PHYSIOLOGY	Anatomy, Physiology and Biochemistry Practicals REVISION
176	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Lecture in 3 batches AN (anatomy) 52.8 Describe the development of female reproductive system

177	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Lecture in 3 batches AN (anatomy) 52.8 Describe the development of female reproductive system
178	AN (anatomy) Theory Revision	PY (physiology) Theory Reivison	Community Medicine 4.1 Models and contents of Health Education	Community Medicine 4.1 Models and contents of Health Education	Community Medicine 4.1 Models and contents of Health Education
179	Dissection Scalp Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 27.1 Practicals in 2 batches (one is osteology and another in dissection hall) 27.2 Identify layers of scalp	CNS BEGINS Intro PY (physiology) 10.1.6 Describe organisation of nervous system 10.1.7 Enumerate the functions of nervous system 10.1.8 Discuss different types of glial cells and their functions 10.1.9 Explain the structure of neuron 10.1.10 Enumerates the types of neuron and their anatomical and physiological classification	BI (biochemistry) 7.1 Describe the structure and functions of DNA and RNA	Scalp AN (anatomy) 27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN (anatomy) 27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses	Histology Lab Practical -A Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Sensory system (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory: QULAITY CONTROL, AUTO Practical in 3 batches Practical-AN (anatomy) ALYSER

180	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 30.1 Practicals in 2 batches (one is osteology and another in dissection hall) Practicals in 2 batches (one is osteology and another in dissection hall) Identify cranial fossae & identify related structures and major foramina with structures passing through them Identify dural folds & dural venous sinuses	Neuron PY (physiology) 3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines Describe the types, functions & properties of nerve fibers Describe the degeneration and regeneration in peripheral nerves	Cranial Cavity AN (anatomy) 30.1 Describe the cranial fossae & identify related structures 30.2 Describe & identify major foramina with structures passing through them	Dural folds and Dural venous sinuses AN (anatomy) 30.3 Describe & identify dural folds & dural venous sinuses	Histology Lab Practical - B Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Sensory system (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory: QUALITY CONTROL, AUTO Practical in 3 batches Practical-AN (anatomy) ALYSER

			CSF PY (physiology) 10.1.1 Describe formation of CSF PY (physiology) 10.1.2 Discuss the composition of CSF PY (physiology) 10.1.3 Explain circulation of CSF PY (physiology) 10.1.4 Enumerate the functions of CSF PY (physiology) 10.1.5 Explain the importance of BBB		Histology Lab Practical - C Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Sensory system (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory: QULAITY CONTROL, AUTO Practical in 3 batches Practical-AN (anatomy) ALYSER
181	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 56.1 Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 56.2 Identify various layers of meninges with its extent & modifications	Meninges & CSF AN (anatomy) 56.1 Describe & identify various layers of meninges with its extent & modifications AN (anatomy) 56.2 Describe circulation of CSF with its applied anatomy		BI (biochemistry) 11.15 Describe & discuss the composition and analysis of CSF	

182	BI (biochemistry) 7.2 Describe the processes involved in replication of DNA	Embryology AN (anatomy) 64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum	VERTICAL INTEGRATION- CSF Anatomy Physiology Biochemistry Pathology, Paediatrics	VERTICAL INTEGRATION - Anatomy Dissection AN (anatomy) 64.3 Describe various types of open neural tube defects with its embryological basis Museum / Video Open neural tube defect 1 Batch each to museum , others in dissection hall	- Practicals 250 students split in 2 departments Practical- PY (physiology) 10.11 Examination of Reflex & OSPE Biochemistry ECE CSF analysis - Interpretation of Lab reports
183	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Community Medicine 4.2 Describe the methods of organizing health promotion and education and counseling activities at individual family and community settings	PY (physiology) 10.2.1 Discuss the types of synapse with reference to parts of neuron involved in the formation of synapse, Nature of transmission and no of neurons involved PY (physiology) 10.2.2 Discuss the mechanism of synaptic transmission PY (physiology) 10.2.3 Explain the synaptic potentials PY (physiology) 10.2.4 Discuss the properties of synapse	- Practicals 250 students split in 2 departments Practical- PY (physiology) 10.11 Examination of Reflex & OSPE Biochemistry ECE CSF analysis - Interpretation of Lab reports

184	Dissection Revision - Anatomy	BI (biochemistry) 7.2 Describe the processes involved in transcription	BI (biochemistry) 15.4 Neurotransmitters	Dissection Revision Anatomy AN (anatomy)	Practical-BI (biochemistry) - Prac. SDL
185	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 57.1 Practicals in 2 batches (one is osteology and another in dissection hall) 57.2 Practicals in 2 batches (one is osteology and another in dissection hall) 57.3Practicals in 2 batches (one is osteology and another in dissection hall) 5 7.4Practicals in 2 batches (one is osteology and another in dissection hall) 57.5	BI (biochemistry) 7.2 Describe the processes involved in transcription	Spinal cord PY (physiology) 10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances"	Spinal cord AN (anatomy) 57.1 Identify external features of spinal cord 57.2 Describe extent of spinal cord in child & adult with its clinical implication 57.3 Draw & label transverse section of spinal cord at mid-cervical & mid- thoracic level" 57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord" 57.5 Describe anatomical basis of syringomyelia 42.1 Describe the contents of the vertebral canal Describe & demonstrate the boundaries and contents of Suboccipital triangle	Practicals - Anatomy A Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Reflex (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory DNA isolation from blood/ tissue

186	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 35.6 demonstrate the extent, formation, relation & branches of cervical sympathetic chain	AN (anatomy) S - PY (physiology) 10.5 Describe and discuss structure and functions of autonomic nervous system (0.5.1 Explain divisions of 10.5.2 Discuss the central control, functions and applied aspect of	PNS - AN (anatomy) AN (anatomy) 35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	BI (biochemistry) 7.2 Describe the processes involved in translation	Practicals - Anatomy B Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Reflex (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory DNA isolation from blood/ tissue

187	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 58.1 to 58.4	Receptors PY (physiology) 10.2.5 Discuss the types of sensations PY (physiology) 10.2.6 Discuss the classification of receptors PY (physiology) 10.2.7 Explain the mechanism of receptor potentials PY (physiology) 10.2.8 Discuss the properties of receptor	BI (biochemistry) 7.2 Describe the processes involved in translation	Medulla AN (anatomy) 58.1 Identify external features of medulla oblongata AN (anatomy) 58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION" AN (anatomy) 58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group" AN (anatomy) 58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome	Practicals - Anatomy C Practical in 3 batches Practical-AN (anatomy) 26.2 Osteology of Skull Practical- PY (physiology) 10.11 Examination of Reflex (Revision) Practical-BI (biochemistry) 11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory DNA isolation from blood/ tissue

188	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Pons AN (anatomy) 59.1 to 59.3 Identify external features of pons Draw & label transverse section of pons at the upper and lower level Enumerate cranial nerve nuclei in pons with their functional group	Pons Dissection AN (anatomy) 59.1 Identify external features of pons 59.2 Draw & label transverse section of pons at the upper and lower level 59.3 Enumerate cranial nerve nuclei in pons with their functional group	Early clinical exposure Biochemistry Practical-BI (biochemistry) 7.3 genetic mutations

	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 74.1-74.4 Describe the various modes of inheritance with examples	Sensory System 1 PY (physiology) 10.3 Describe and discuss somatic sensations & sensory tracts 10.3.1 Enumerate the ascending tracts and their functions 10.3.2 Explain the origin, course, termination and sensations carried by Dorsal column 10.3.3 Explain the	Sensory System 2 PY (physiology) 10.3.4 Explain the origin, course, termination and sensations carried by trigeminal Pathway PY (physiology) 10.3.4 Explain the origin, course, termination and sensations carried by spinocerebellar tract PY (physiology) 10.3.5 Explain the origin, course, termination and sensations carried by spinovestibular, spinoolivery, spinotectal and spinoreticular tracts Py10.3.6 Explain the area of sensory cortex PY (physiology) 10.3.7 Explain types of pain, mechanism of pain sensation and modulation of pain perception PY (physiology) 10.3.8 Describe the pathways of pain sensation		

190	Dissection Cerebellum	BI (biochemistry) 7.2 Describe the processes involved in translation	PY (physiology) - Thalamus PY (physiology) 10.7 Describe and discuss functions of thalamus Py10.7.7 Discuss the Functional classification of thalamic nuclei Py10.7.8 Describe the major connection of thalamic nuclei Py10.7.9 Enumerate function od thalamus Py10.7.10 Discuss the applied aspect of thalamic lesions ECE - Physiology A Case of Phantom Limb shown by video Medicine Physiotherapy	Cerebellum AN (anatomy) 60.1 to 60.3 Describe & demonstrate external & internal features of cerebellum Describe connections of cerebellar cortex and intracerebellar nuclei Describe anatomical basis of cerebellar dysfunction	UNIT TEST - ASSESSMENT
191	4th Ventricle AN (anatomy) 63.1 Describe & demonstrate parts, boundaries & features of 4th ventricle	BI (biochemistry) 9.3 Describe protein targeting & sorting along with its associated disorders	BI (biochemistry) 7.3 Describe basic mechanism of regulation of gene expression. (Prokaryotes)	Dissection Dissection AN (anatomy) 63.1 Describe & demonstrate parts, boundaries & features of 4th ventricle	Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Practical- PY (physiology) 10.11 Examination of Motor System & OSPE REVISION PRACTICAL

192	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 61.1 to 61.3 - Midbrain Identify external & internal features of midbrain Describe internal features of midbrain at the level of superior & inferior colliculus" Describe anatomical basis & effects of Benedikt's and Weber's syndrome	BI (biochemistry) 7.3 Describe basic mechanism of regulation of gene expression. (Eukaryotes)	Midbrain AN (anatomy) 61.1 to 61.3 Identify external & internal features of midbrain Describe internal features of midbrain at the level of superior & inferior colliculus" Describe anatomical basis & effects of Benedikt's and Weber's syndrome	BI (biochemistry) 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Practical- PY (physiology) 10.11 Examination of Motor System & OSPE REVISION PRACTICAL

193	Cerebrum AN (anatomy) 62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional `areas of cerebral hemisphere	White matter AN (anatomy) 62.3 Describe the white matter of cerebrum	Cerebrum PY (physiology) 10.7.1 to 10.7.6 Describe and discuss functions of cerebral cortex Discuss the cerebral Cortex functional areas Enumerate the phylogenetic divisions of cerebral cortex Discuss on Connections, functions and applied aspects of frontal lobe Discuss on Connections, functions and applied aspects of parietal lobe Discuss on Connections, functions and applied aspects of temporal lobe Discuss on Connections, functions and applied aspects of occipital lobe	Dissection Cerebrum Describe & demonstrate surfaces, sulci, gyri, poles, & functional `areas of cerebral hemisphere	Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Practical- PY (physiology) 10.11 Examination of Motor System & OSPE REVISION PRACTICAL

194	Dissection Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 62.6 Describe & identify formation, branches & major areas of distribution of Circle of Willis	Motor System PY (physiology) 10.4.4 to 10.4.7 Explain the areas of motor cortex of frontal lobe Enumerate descending tracts - pyramidal and extrapyramidal Explain in detail origin, course, termination and functions of pyramidal tract Explain the lesion, signs and symptoms of pyramidal tract	PY (physiology) 10.4.8 Describe the origin, course, termination, functions and lesions of Extrapyramidal tracts	Blood supply of Brain AN (anatomy) 62.6 Describe & identify formation, branches & major areas of distribution of Circle of Willis	Reflexes Practical-PY (physiology) 10.2 Describe and discuss the functions and properties reflexes Practical-PY (physiology) 10.2.9 Explain reflex arc Practical-PY (physiology) 10.2.10 Discuss clinical classification of reflexes Practical-PY (physiology) 10.11 Explain the properties of reflex Practical-PY (physiology) 10.4.3 Describe the spinal reflexes that control posture and movements
195	VERTICAL INTEGRATION A Case of Hemiplegia Anatomy, Physiology Medicine Pharmacology Physiotherapy	VERTICAL INTEGRATION A Case of Hemiplegia Anatomy, Physiology Medicine Pharmacology Physiotherapy	BI (biochemistry) 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	SGT in 10 groups BI (biochemistry) 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	COMMUNITY MEDICINE
196	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	AN (anatomy) SDL	PHYSIOLOGY SDL PY (physiology) 10.4 .7 UMN and LMN lESIONS	COMMUNITY MEDICINE

197	BI (biochemistry) 7.6,7.7 Describe the anti-oxidant defence systems in the body Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	Basal Ganglia AN (anatomy) 62.4 Enumerate parts & major connections of basal ganglia & limbic lobe	PY (physiology) 10.7 Describe and discuss functions of basal ganglia and their abnormalities PY (physiology) 10.7.11 Explain the connections and functions and disorders of basal ganglia	DISSECTION Dissection AN (anatomy) 62.4 Enumerate parts & major connections of basal ganglia & limbic lobe ECE - A Case of Parkinsonism Anatomy, Physiology, General Medicine, Pharmacology, Neurology	Practical in 2 batches Practical-AN (anatomy) - T1 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Physiology - T2 Motor System Revision

198	BI (biochemistry) 10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53	Cerebellum PY (physiology) 10.7 Describe and discuss functions of cerebellum and and their abnormalities PY (physiology) 10.7.12 Describe the functional lobes of cerebellum PY (physiology) 10.7.13 Explain the structural organisation and circuits of cerebellar cortex PY (physiology) 10.7.14 Explain the connections of cerebellum PY (physiology) 10.7.15 Explain functions of cerebellum PY (physiology) 10.7.16 Discuss the signs and symptoms of cerebellar disorder"	Cerebellum PY (physiology) 10.7 Describe and discuss functions of cerebellum and and their abnormalities PY (physiology) 10.7.12 Describe the functional lobes of cerebellum PY (physiology) 10.7.13 Explain the structural organisation and circuits of cerebellar cortex PY (physiology) 10.7.14 Explain the connections of cerebellum PY (physiology) 10.7.15 Explain functions of cerebellum PY (physiology) 10.7.16 Discuss the signs and symptoms of cerebellar disorder"	Physiology Early Clinical Exposure Linker A Case cerebellar Palsy Medicine	Cerebellar Function Tests Practical

199	PY (physiology) 10.4 MUSCLE SPINDLE Describe and discuss motor tracts, mechanism of maintenance of posture and equilibrium & vestibular apparatus PY (physiology) 10.4.9 Explain the structural arrangement and functioning of semicircular canals and otolith organs of inner ear PY (physiology) 10.4.10 Describe the innervation, connections and functions of vestibular apparatus PY (physiology) 10.4.11 discuss the disorders of vestibular apparatus	PY (physiology) 10.4 POSTURE & EQUILIBRIUM Describe and discuss motor tracts, mechanism of maintenance of posture and equilibrium & vestibular apparatus PY (physiology) 10.4.9 Explain the structural arrangement and functioning of semicircular canals and otolith organs of inner ear PY (physiology) 10.4.10 Describe the innervation, connections and functions of vestibular apparatus PY (physiology) 10.4.11 discuss the disorders of vestibular apparatus	EARLY CLINICAL EXPOSURE - Physiology Mechanism of action demonstrated by video ENT Department to demonstrate test for vestibular functions	EARLY CLINICAL EXPOSURE - Physiology Mechanism of action demonstrated by video ENT Department to demonstrate test for vestibular functions	Practicals - Anatomy T2 Practical in 3 batches Practical-AN (anatomy) 64.1 Practical in 3 batches Practical-AN (anatomy) 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum Physiology - T1 Motor System Revision

200	Hypothalamus PY (physiology) 10.7 Describe and discuss functions of hypothalamus and abnormalities PY (physiology) 10.7.11 Discuss on the connections of hypothalamus PY (physiology) 10.7.12 Describe in detail the functions of hypothalamus PY (physiology) 10.7.13 discuss the disorders of hypothalamic functions	EARLY CLINICAL EXPOSURE - Obesity Physiology Endocrinology	Limbic System PY (physiology) 10.7 Describe and discuss functions of limbic system and their abnormalities PY (physiology) 10.7.14 Explain the components, connections, functions and applied aspects of limbic system PY (physiology) 10.7.15 Corpus callosum , Concept of dominent hemispheres	EARLY CLINICAL EXPOSURE - BI (biochemistry) 10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy. TUMOR MARKERS	- Practicals Physiology Revision of CNS Practicals Biochemistry SGT Demonstration of molecular techniques - PCR

201	FORMATIVE ASSESSMENT	COMMUNITY MEDICINE	EEG PY (physiology) 10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production 10.8.1 Explain the physiological changes during sleep 10.8.2 Describe the types of sleep 10.8.3 Enumerate theories, mechanism and disorders of sleep 10.8.4 Explain normal EEG pattern and significance of EEG	RAS PY (physiology) 10.5 Describe and discuss structure and functions of reticular activating system 10.5.3 Enumerate the components of RAS 10.5.4 Enumerate the neurotrasmitters, functions and applied aspects of RAS ECE - Physiology Recording of EEG and Identification of waves Neurology, ENT ECE - Physiology Recording of EEG and Identification of waves Neurology, ENT	- Practicals Physiology Revision of CNS Practicals Biochemistry SGT Demonstration of molecular techniques - PCR
202	FORMATIVE ASSESSMENT	COMMUNITY MEDICINE	Community Medicine	Community Medicine	- Practicals Physiology Revision of CNS Practicals Biochemistry SGT Demonstration of molecular techniques - PCR

203	AETCOM 1.4 The foundations of communication-1	AETCOM 1.4 The foundations of communication-1	Learning and Memory PY (physiology) 10.9 Describe and discuss the physiological basis of memory and learning 10.9.1 explain the two broad classes of learning 10.9.2 Explain the expermental procedure used to establish learning (condition Reflex) 10.9.3 Explain types, physiological basis and applied aspects of memory 10.9.4 Explain interhemispheric transfer of learning and memory	Speech PY (physiology) 10.9 Describe and discuss the physiological basis of and speech PY (physiology) 10.9.5 Explain neurophysiology of language and speech PY (physiology) 10.9.6 Discuss the speech disorders	REVISION PRACTICAL REVISION PRACTICAL REVISION PRACTICAL

204	AN (anatomy) 31.1 Describe & identify extra ocular muscles of eyeball	PY (physiology) 10.7.1 Layers of retina PY (physiology) 10.17 Describe and discuss functional anatomy of eye	Orbit AN (anatomy) 31.2 Describe & demonstrate nerves and vessels in the orbit AN (anatomy) 31.4 Enumerate components of lacrimal apparatus AN (anatomy) 31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	Dissection Orbit - Dissection AN (anatomy) 31.2 Describe & demonstrate nerves and vessels in the orbit Dissection AN (anatomy) 31.4 Enumerate components of lacrimal apparatus Dissection AN (anatomy) 31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus Dissection AN (anatomy) 31.1 Describe & identify extra ocular muscles of eyeball	REVISION PRACTICAL REVISION PRACTICAL REVISION PRACTICAL

205	Practicals in 2 batches (one is osteology and another in dissection hall) Dissection AN (anatomy) 41.1 Describe & demonstrate parts and layers of eyeball	AN (anatomy) 41.1 Describe & demonstrate parts and layers of eyeball	Optics PY (physiology) 10.17 Describe the physiology of image formation PY (physiology) 10.7.2 discuss the Principles of OPtics PY (physiology) 10.7.3 Explain Accommodation PY (physiology) 10.7.4 enumerate and explain the Defects in image formation	Vision PY (physiology) 10.17 Describe the physiology of vision including colour vision PY (physiology) 10.7.5 Explain the structure of photoreceptors and photopigments PY (physiology) 10.7.6 Explain the mechanism of phototransduction	REVISION PRACTICAL REVISION PRACTICAL REVISION PRACTICAL

206	BI (biochemistry) 16.5 Vitamin A , Vit A deficiency, Polyol Pathway	PY (physiology) 10.7.7 Describe visual pathway and visual cortex	Visual Pathway PY (physiology) 10.7.8 Explain visual acuity and factors affecting it PY (physiology) 10.7.9 Explain visual field and discuss the visual field defects PY (physiology) 10.7.10 Explain mechanism of light adaptation PY (physiology) 10.7.11 explain light reflex and its pathway PY (physiology) 10.17 Describe refractive errors, colour blindness, physiology of pupil and light reflex PY (physiology) 10.7.12 Explain neurophysiology of colour vision	EARLY CLINICAL EXPOSURE - - Physiology Ophthal - refraction and optometry	Anatomy T1 Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of cornea, retina T2 Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 1 - 6 & OSPE

207	AETCOM WRAP UP	AN (anatomy) Theory REVISION	COMMUNITY MEDICINE	AN (anatomy) Theory REVISION	Anatomy T2 Practical in 3 batches Practical-AN (anatomy) 43.2 Identify, describe and draw the microanatomy of cornea, retina T1 Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 1 - 6 & OSPE
208	AETCOM WRAP UP	AN (anatomy) Dissection REVISION	AN (anatomy) Dissection REVISION	AN (anatomy) Dissection REVISION	SDL PY (physiology) 10.7.13 Discuss colour blindness
209	AETCOM WRAP UP	AN (anatomy) 40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	AN (anatomy) 40.1 Describe & identify the parts, blood supply and nerve supply of external ear	PY (physiology) 10.15 Describe and discuss functional anatomy of ear & physiology of hearing PY (physiology) 10.15.1 Explain the structure of organ of corti	Revision Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 7 -12 SDL

210	Theory AN (anatomy) 28.4 Describe & demonstrate branches of facial nerve with distribution	Biochemistry BI (biochemistry) Revision / SDL	PY (physiology) 10.15.2 Describe the auditory pathway PY (physiology) 10.15.3 Explain the mechanism of conduction of sound waves PY (physiology) 10.15.4 Explain the transduction of sound waves Py10.15.5 Discuss the hearing defects PY (physiology) 10.5.6 Explain the test for hearing and principles for audiometry	EARLY CLINICAL EXPOSURE ECE AN (anatomy) ENT Ear examination	Revision Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 7 -12 SDL

211	Dissection Revision	Smell PY (physiology) 10.13 Describe and discuss perception of smell and taste sensation PY (physiology) 10.13.1 Describe the Olfactory epithelium and olfactory receptor cell PY (physiology) 10.13.2 Explain the olfactory pathway and mechanism of olfaction PY (physiology) 10.13.3 discuss the applied aspects of olfaction	Taste PY (physiology) 10.14 Describe and discuss patho-physiology of altered smell and taste sensation PY (physiology) 10.14.1 Explain the structure of taste bud PY (physiology) 10.14.2 Explain the taste pathway and mechanism of taste perception Py10.14.3 Enumerate types of taste sensations and Applied aspects of taste sensation	AN (anatomy) Revision	Revision Practical- PY (physiology) 10.11, 10.20 Examination of Cranial nerves 7 -12 SDL

212	AN (anatomy) Skin 4.1 Describe different types of skin & dermatomes in body 4.2 Describe structure & function of skin with its appendages 4.3 Describe superficial fascia along with fat distribution in body 4.4 Describe modifications of deep fascia with its functions	Integrated lecture PY (physiology) 11.1. Describe the mechanism of temperature regulation PY (physiology) 11.2 Describe and discuss adaptation to altered temperaturen(heat and cold) PY (physiology) 11.3 Describe and discuss mechanism of fever, cold injuries and heat stroke	AN (anatomy) SUBJECT REVISION	AN (anatomy) SUBJECT REVISION	T1 Histology of Skin Practical in 3 batches Practical-AN (anatomy) 72.1 Identify the skin and its appendages under the microscope and correlate the structure with function T2 Practical- PY (physiology) 10.11 Examination of Cranial nerves 7-12 Revision
213	Lecture : AN (anatomy) SUBJECT REVISION	PHYSIOLOGY 250 PY (physiology) 10.11 Examination of Cranial nerves 1-6 Revision	PHYSIOLOGY 250 PY (physiology) 10.11 Examination of Cranial nerves 1-6 Revision	COMMUNITY MEDICINE	T2 Histology of Skin Practical in 3 batches Practical-AN (anatomy) 72.1 Identify the skin and its appendages under the microscope and correlate the structure with function T1 Practical- PY (physiology) 10.11 Examination of Cranial nerves 7-12 Revision
214	Internal assessment AN (anatomy) IA 3	Internal assessment AN (anatomy) IA 3	Internal assessment AN (anatomy) IA 3	Internal assessment AN (anatomy) IA 3	Internal assessment IA 3
215	Internal assessment PHYSIOLOGY IA 3	Internal assessment PHYSIOLOGY IA 3	Internal assessment PHYSIOLOGY IA 3	Internal assessment PHYSIOLOGY IA 3	Internal assessment IA 3
216	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment BI (biochemistry) OCHEMISTRY IA 3	Internal assessment IA 3

217	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1	PRACTICAL IA 1
218	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2	PRACTICAL IA 2
219	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3	PRACTICAL IA 3
220	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4	PRACTICAL IA 4
221	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5	PRACTICAL IA 5
222	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
223	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
224	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
225	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
226	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION

227	PY (physiology) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
228	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
229	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
230	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Lecture : AN (anatomy) SUBJECT REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
231	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Lecture : AN (anatomy) SUBJECT REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
232	Lecture : AN (anatomy) SUBJECT REVISION	PY (physiology) PRACTICAL REVISION	PY (physiology) PRACTICAL REVISION	Lecture : AN (anatomy) SUBJECT REVISION	Practical in 2 bathches Doubt Clearing and Revision Topics AN (anatomy) SUBJECT REVISION
233	Model Exam Day Theory 1	Model Exam Day Theory 1	Model Exam Day Theory 1	Model Exam Day Theory 1	Model Exam Day Theory 1
234	Model Exam Day Theory 2	Model Exam Day Theory 2	Model Exam Day Theory 2	Model Exam Day Theory 2	Model Exam Day Theory 2

235	Model Exam Day Theory 3	Model Exam Day Theory 3	Model Exam Day Theory 3	Model Exam Day Theory 3	Model Exam Day Theory 3
236	Model Exam Day Theory 4	Model Exam Day Theory 4	Model Exam Day Theory 4	Model Exam Day Theory 4	Model Exam Day Theory 4
237	Model Exam Day Theory 5	Model Exam Day Theory 5	Model Exam Day Theory 5	Model Exam Day Theory 5	Model Exam Day Theory 5
238	Model Exam Day Theory 6	Model Exam Day Theory 6	Model Exam Day Theory 6	Model Exam Day Theory 6	Model Exam Day Theory 6
239	PRACTICALS 1	PRACTICALS 1	PRACTICALS 1	PRACTICALS 1	PRACTICALS 1
240	PRACTICALS 2	PRACTICALS 2	PRACTICALS 2	PRACTICALS 2	PRACTICALS 2
241	PRACTICALS 3	PRACTICALS 3	PRACTICALS 3	PRACTICALS 3	PRACTICALS 3
242	PRACTICALS 4	PRACTICALS 4	PRACTICALS 4	PRACTICALS 4	PRACTICALS 4
243	PRACTICALS 5	PRACTICALS 5	PRACTICALS 5	PRACTICALS 5	PRACTICALS 5
244	PRACTICALS 6	PRACTICALS 6	PRACTICALS 6	PRACTICALS 6	PRACTICALS 6
245	PRACTICALS 7	PRACTICALS 7	PRACTICALS 7	PRACTICALS 7	PRACTICALS 7
246	PRACTICALS 8	PRACTICALS 8	PRACTICALS 8	PRACTICALS 8	PRACTICALS 8
247	PRACTICALS 9	PRACTICALS 9	PRACTICALS 9	PRACTICALS 9	PRACTICALS 9
248	PRACTICALS 10	PRACTICALS 10	PRACTICALS 10	PRACTICALS 10	PRACTICALS 10
249	STUDY HOLIDAYS / SDL 1	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 1	STUDY HOLIDAYS / SDL 1	STUDY HOLIDAYS / SDL 1
250	STUDY HOLIDAYS / SDL 2	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 2	STUDY HOLIDAYS / SDL 2	STUDY HOLIDAYS / SDL 2
251	STUDY HOLIDAYS / SDL 3	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 3	STUDY HOLIDAYS / SDL 3	STUDY HOLIDAYS / SDL 3
252	STUDY HOLIDAYS / SDL 4	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 4	STUDY HOLIDAYS / SDL 4	STUDY HOLIDAYS / SDL 4
253	STUDY HOLIDAYS / SDL 5	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 5	STUDY HOLIDAYS / SDL 5	STUDY HOLIDAYS / SDL 5
254	STUDY HOLIDAYS / SDL 6	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 6	STUDY HOLIDAYS / SDL 6	STUDY HOLIDAYS / SDL 6
255	STUDY HOLIDAYS / SDL 7	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 7	STUDY HOLIDAYS / SDL 7	STUDY HOLIDAYS / SDL 7
256	STUDY HOLIDAYS / SDL 8	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 8	STUDY HOLIDAYS / SDL 8	STUDY HOLIDAYS / SDL 8
257	STUDY HOLIDAYS / SDL 9	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 9	STUDY HOLIDAYS / SDL 9	STUDY HOLIDAYS / SDL 9
258	STUDY HOLIDAYS / SDL 10	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 10	STUDY HOLIDAYS / SDL 10	STUDY HOLIDAYS / SDL 10
259	STUDY HOLIDAYS / SDL 11	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 11	STUDY HOLIDAYS / SDL 11	STUDY HOLIDAYS / SDL 11
260	STUDY HOLIDAYS / SDL 12	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 12	STUDY HOLIDAYS / SDL 12	STUDY HOLIDAYS / SDL 12

261	STUDY HOLIDAYS / SDL 13	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 13	STUDY HOLIDAYS / SDL 13	STUDY HOLIDAYS / SDL 13
262	STUDY HOLIDAYS / SDL 14	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 14	STUDY HOLIDAYS / SDL 14	STUDY HOLIDAYS / SDL 14
263	STUDY HOLIDAYS / SDL 15	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 15	STUDY HOLIDAYS / SDL 15	STUDY HOLIDAYS / SDL 15
264	STUDY HOLIDAYS / SDL 16	STUDY HOLIDAYS / SDL	STUDY HOLIDAYS / SDL 16	STUDY HOLIDAYS / SDL 16	STUDY HOLIDAYS / SDL 16
265	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1	UNIVERSITY EXAM 1
266	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2	UNIVERSITY EXAM 2
267	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3	UNIVERSITY EXAM 3
268	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4	UNIVERSITY EXAM 4
269	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5	UNIVERSITY EXAM 5
270	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6	UNIVERSITY EXAM 6
271	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7	UNIVERSITY EXAM 7
272	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8	UNIVERSITY EXAM 8
273	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9	UNIVERSITY EXAM 9
274	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10	UNIVERSITY EXAM 10
275	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11	UNIVERSITY EXAM 11
276	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12	UNIVERSITY EXAM 12
277	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13	UNIVERSITY EXAM 13
278	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14	UNIVERSITY EXAM 14
279	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15	UNIVERSITY EXAM 15
280	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16	UNIVERSITY EXAM 16

CBME Phase 2 Timetable								
DAY	**8.00 - 9.30 am**	**9.30 -11.00 am**	**11.00 – 11.30 am**	**11.30 am – 1.00 pm**		**1.00 – 2.00 pm**	**2.00 – 3.00 pm**	
Day 1	MI 1.1, 2.1 – Hand washing & PPE. Air borne, contact precautions, ICC	PA: Pathology of organs in COVID	BREAK	PH: 2.5 – Therapeutic strategies & New drug development		LUNCH	Need for Research & Protocol Writing	
Day 2	MI 2.3 – Specimen collection, Transport, Storage	PH: 2.5 - Therapeutic strategies & New drug development	BREAK	FM: 4.4 – Communication & media management		LUNCH	Research design & Sample size calculation	
Day 3	IM: 4.1 – Care of patients during pandemics. 4.2 – Emergency procedures	CM: 2.2, 2.4 – Emerging and reemerging infections. Vaccination strategies	BREAK	PA: Hematological parameters in COVID		LUNCH	Bio Ethics	
Day 4	IM: 4.5, 4.6 – Intensive care managements during pandemics. Palliative care during pandemics	FM: 4.3 – Death related management	BREAK	CM: 3.1, 3.3 – Outbreak management. Operational research and surveillance		LUNCH	Research -Assessment & Feedback	
	8-9 am	**9-10 am**	**10-11am**	**11am-12pm**	**12-1pm**	**1-2pm**	**2-3pm**	**3-4pm (SDL)**
Day 5	PA: 1.1 - 1.3 (Lecture) Describe the role of a pathologist in diagnosis and management of disease. Enumerate common definitions and terms used in Pathology Describe the history and evolution of Pathology	Clinical Posting			Lunch	MI 1.1, 1.3 (Lecture) Describe the Role of microbes in health & disease. Explain the Sources,reservoirs, modes of transmission and Host susceptibility factors of infection.	PH1.1, 1.9,1.11,1.3: (Lecture) Define and describe the principles of pharmacology & pharmacotherapeutics. Describe nomenclature of drugs i.e. generic, branded drugs. "Describe various routes of drug administration, eg., oral, SC, IV,IM, SL Enumerate and identify drug formulations and drug delivery systems "Intro to pharmacology; Routes of drug administration	MI 1.1 SDL Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Epidemiology of Infectious Diseases
Day 6	OG: 2.1 - (Lecture) Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology.	Clinical Posting			Lunch	PA: 2.1, 2.2 (Lecture) Demonstrate knowledge of the causes, mechanisms, types and effects of cell injury and their clinical significance Describe the etiology of cell injury. Distinguish between reversible-irreversible injury: mechanisms; morphology of cell injury	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Morphology of Bacteria	PA: 2.1 - SDL - Discuss the effects of cell injury and their clinical significance
Day 7	GS 1 : (Lecture) Surgery in the tropics – Tetanus / Gas Gangrene	Clinical Posting			Lunch	PH1.4,1.2 (Lecture) "Describe absorption, distribution, metabolism & excretion of drugs. Describe the basis of Evidence based medicine and Therapeutic drug monitoring" Pharmacokinetics-absorption and distribution	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Physiology of Bacteria	PH1.11: SDL - Describe various routes of drug administration, eg., oral, SC, IV, IM, SL - Routes of drug Administration

Day 8	IM : 26.1, 26.2 & 26.6 (Lecture) Enumerate and describe professional qualities and roles of a physician. Describe and discuss the commitment to lifelong learning as an important part of physician growth. Describe and discuss the role of a physician in health care system	Clinical Posting			Lunch	PA: 2.6 (Lecture) Describe and discuss cellular adaptations: atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia	PH1.4 (Lecture) "Describe absorption, distribution, metabolism & excretion of drugs -Metabolism	FM - SDL: Certification of Brain Stem Death
Day 9	FM: 1.1 -1.2 (Lecture) Demonstrate knowledge of basics of Forensic Medicine like definitions of Forensic medicine, Clinical Forensic Medicine, Forensic Pathology, State Medicine, Legal Medicine and Medical Jurisprudence, Describe history of Forensic Medicine	Clinical Posting			Lunch	CM 3.2: (Lecture) Concepts of safe and wholesome water, sanitary sources of water, water purification processes	PA: 2.4, 2.5, 2.7 (Lecture) Describe and discuss Cell death- types, mechanisms, necrosis, apoptosis (basic as contrasted with necrosis), autolysis Describe and discuss pathologic calcifications, gangrene Describe and discuss the mechanisms of cellular aging and apoptosis	Community Medicine - SDL - CM 3.2: - Water Purification Processes
Day 10	PH1.4 (Lecture) "Describe absorption, distribution, metabolism & excretion of drugs - Excretion of drugs	PA: 4.1 (Lecture) Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events	PH1.5 (Lecture) Describe general principles of mechanism of drug action. Pharmacodynamics- 1	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Overview of Bacterial Infections – virulence factor, bacteremia, septicemia, sepsis & septic shock	Lunch	Lecture - PA:(Small Group Teaching) 2.1-2.8 Cell injury Tutorials	MI 1.1, 1.2, 1.6, 8.9, 8.10 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Laboratory Diagnosis of Bacterial Infections	Sports
Day 11	PA: 4.1 (Lecture) Define and describe the general features of acute and chronic inflammation including stimuli, vascular and cellular events	Clinical Posting			Lunch	PA: 4.2 (Lecture) Enumerate and describe the mediators of acute inflammation	Practicals (Small Group Teaching) (Batches A,B, C) PA 2.8: Gross- Atrophy uterus & Left ventricular hypertrophy(&OSPE)Micro - Atrophy testes, Fatty liver(&OSPE)& Monkeberg Sclerosis, MI : 1.2 Introduction to Microbiology laboratory Lab tour and orientationPH 1.9, 1.3 : Dosage forms 1	

Day 12	OG6.1- (Lecture) Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	Clinical Posting			Lunch	PH1.5 (Lecture) Describe general principles of mechanism of drug action. Pharmacodynamics- 2	Practicals (Small Group Teaching) (Batches B,C, A) PA 2.8: Gross- Atrophy uterus & Left ventricular hypertrophy(&OSPE),Micro - Atrophy testes, Fatty liver(&OSPE)& Monkeberg Sclerosis, MI : 1.2 Introduction to Microbiology laboratory Lab tour and orientationPH 1.9, 1.3 : Dosage forms 1	
Day 13	GS 2 : (Lecture) Sterilization / Disinfection/ Patient Safety	Clinical Posting			Lunch	PA: 4.3 (Lecture) Define and describe chronic inflammation including causes, types non-specific and granulomatous; and enumerate examples of each. (OSPE chart: Giant cells)	Practicals (Small Group Teaching) (Batches C,A, B) PA 2.8: Gross- Atrophy uterus & Left ventricular hypertrophy(&OSPE),Micro - Atrophy testes, Fatty liver(&OSPE)& Monkeberg Sclerosis, MI : 1.2 Introduction to Microbiology laboratory Lab tour and orientationPH 1.9, 1.3 : Dosage forms 1	
Day 14	IM: 26.3, 26.4, 26.5 & 26.7 (Lecture) Describe and discuss the role of non-maleficence as a guiding principle in patient care. Describe and discuss the role of autonomy and shared responsibility as a guiding principle in patient care. Describe and discuss the role of beneficence of a guiding principle in patient care. Describe and discuss the role of justice as a guiding principle in patient care	Clinical Posting			Lunch	PH1.5 Lecture Describe general principles of mechanism of drug action. Factors modifying drug action	**Seminar (Small Group Teaching) PA: 2.3, 2.5, 2.7 Intracellular accumulation of fats, proteins, carbohydrates, pigments. Describe and discuss pathologic calcifications, gangrene** **Describe and discuss the mechanisms of cellular aging and apoptosis**	
Day 15	FM: 1.3 (Lecture) Describe legal procedures including CrPC, IPC, IEA, Civil and Criminal Cases, Inquest, Cognizable and Non-cognizable offences	Clinical Posting			Lunch	CM 3.2: Small Group Teaching - Tutorials - Water quality standards, concepts of water conservation and rainwater harvesting	PH1.5,1.6,1.7 (Lecture) "Describe principles of Pharmacovigilance & ADR reporting systems Define, identify and describe the management of adverse drug reactions (ADRs)	PA: 2.7 -SDL - Describe and discuss the mechanisms of cellular aging
Day 16	**Horizontal Integration 1: MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Bacterial Genetics (L) - MI 1.1**	PA: 1.1 - 5.1 Formative Assessment ofCell injury, Inflammation & Wound healing , Feedback & Reflection	**Horizontal Integration 1: MI 1.6, (Lecture) Describe the mechanisms of drug resistance, and the methods of antimicrobial susceptibility testing and monitoring of antimicrobial therapy - Antimicrobial Agents, MOA and Antimicrobial Resistance**	**Horizontal Integration: PH1.42,1.43 (Lecture) "Describe general principles of chemotherapy Describe and discuss the rational use of antimicrobials including antibiotic stewardship program": Antimicrobial general considerations**	Lunch	PA: 5.1 (Lecture) Define and describe the process of repair and regeneration includind wound healing and its types	Research	MI 1.1 Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease (SDL)- Bacterial Taxonomy

Day 17	Lecture PH1.64 "Describe overview of drug development, Phases of clinical trials and Good Clinical Practice"	Clinical Posting	Lunch	PA: 6.1,6.2,6.6 (Lecture) Define and describe edema, its types, pathogenesis and clinical correlations Define and describe hyperemia, congestion, hemorrhage. Define and describe Ischaemia / infarction its types, etiology, morphologic changes and clinical effects	Practicals (Small Group Teaching) (Batches A,B, C) PA 2.8,19.3: gross - Tuberculous lymphadenitis, Micro - Coagulative necrosis, Caseous necrosis, Fat necrosis MI :1.2 MICROSCOPY- SIMPLE STAIN + Gram stain (Demo) PH 1.9, 1.3 : Dosage forms 2	
Day 18	OG8.1- (Lecture) Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.	Clinical Posting	Lunch	PA: 6.4 . (Lecture) Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis.	Practicals (Small Group Teaching) (Batches B,C, A) PA 2.8,19.3: gross - Tuberculous lymphadenitis, Micro - Coagulative necrosis, Caseous necrosis, Fat necrosis MI :1.2 MICROSCOPY- SIMPLE STAIN + Gram stain (Demo) PH 1.9, 1.3 : Dosage forms 2	
Day 19	GS 3 : (Lecture) Wounds, Tissue Repairs & Scars	Clinical Posting	Lunch	PH1.1-1.11: Formative Assessment of General Pharmacology, Reflections & Feedback	Practicals (Small Group Teaching) (Batches C,A, B) PA 2.8,19.3: gross - Tuberculous lymphadenitis, Micro - Coagulative necrosis, Caseous necrosis, Fat necrosis MI :1.2 MICROSCOPY- SIMPLE STAIN + Gram stain (Demo) PH 1.9, 1.3 : Dosage forms 2	
Day 20	IM: 4.1& 4.2 (Lecture) Describe and discuss the febrile response and the influence of host immune status, risk factors and comorbidities on the febrile response. Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel	Clinical Posting	Lunch	(Small Group Teaching) - AETCOM Module- 2.1 - Foundations of Communication		Community Medicine - SDL - CM 3.1 - Health hazards of Water
Day 21	FM: 1.4-1.5 (Small Group Teaching) - Describe Courts in India and their powers, Describe court procedures including issue of Summons, conduct money, types of witnesses, recording of evidence.	Clinical Posting	Lunch	CM 3.1, 3.3: Small Group Teaching - Tutorials - Health hazards of Water Describe the aetiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases	FM: 1.6-1.8 (Small Group Teaching) - Describe offenses in Court including Perjury, Describe Dying Declaration & Deposition, Describe the latest decisions/notification/ircula rs/standing orders related to medico-legal practice.	Sports

Day 22	PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids: Prostaglandins	PA: 6.5 (Lecture) Define and describe embolism and its causes and common types.	MI 1.1, 1.2, 8.9, 8.10 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - General Mycology and Overview of Fungal Infections	PA: 6.3 - (Lecture) Define and describe shock, its pathogenesis and its stages	Lunch	Research	**Seminar (Small Group Teaching)- MI1.1 Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease -History of Microbiology**
Day 23	PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, : NSAIDs	Clinical Posting			Lunch	PA: 11.1,11.3 (Lecture) Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood. Describe the pathogenesis of common storage disorders in infancy and childhood	Practicals (Small Group Teaching) (Batches A,B, C) PA4.4: PA4.4: Gross: Acute appendicitis & Chronic calculous cholecystitis Micro: Acute appendicitis & Granulation tissue, OSPEs of Giant cells,Down syndrome,Turner syndrome, Klinefelter syndrome MI : 1.2 ,8.7, 8.9- Gram staining PH 1.11PH 2.1-Dosage forms 3
Day 24	OG13.1- (Lecture) Enumerate and discuss the physiology of normal labor, mechanism of labor in occipito-anterior presentation; monitoring of labor including partogram; conduct of labor, pain relief; principles of induction and acceleration of labor; management of third stage of labor.	Clinical Posting			Lunch	PA: 11.1 (Lecture) Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood	Practicals (Small Group Teaching) (Batches B,C, A) PA4.4: Gross: Acute appendicitis & Chronic calculous cholecystitis Micro: Acute appendicitis & Granulation tissue, OSPEs of Giant cells,Down syndrome,Turner syndrome, Klinefelter syndrome MI : 1.2 , 8.7, 8.9- Gram staining PH 1.11PH 2.1-Dosage forms 3
Day 25	GS 4:(Lecture) Pre-op preparation, Anesthesia & Pain relief and care in the operating room	Clinical Posting			Lunch	PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids: anti-histaminics & Drugs affecting Serotonin	Practicals (Small Group Teaching) (Batches C,A, B) PA4.4: Gross: Acute appendicitis & Chronic calculous cholecystitis Micro: Acute appendicitis & Granulation tissue, OSPEs of Giant cells,Down syndrome,Turner syndrome, Klinefelter syndrome MI : 1.2 , 8.9- Gram staining PH 1.11PH 2.1-Dosage forms 3
Day 26	IM: 4.4 & 4.5 (Lecture) Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever. Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies	Clinical Posting			Lunch	MI 1.1, 1.2, 8.9, 8.10 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - General Parasitology and Overview of Parasitic Infections	**Seminar (Small Group Teaching) PH1.59,1.60 "Describe and discuss the following: Essential medicines, Fixed dose combinations, Over the counter drugs, Herbal medicines**

Day 27	FM: 1.9-1.11 (Lecture) Describe documentation in medical practice in regard to mlc examinations, Medical Certificates and MLC reports, Write a correct cause of death certificate	Clinical Posting			Lunch	CM 3.1:Small Group Teaching - Tutorials - Health hazards of air, noise	CM 3.4, 3.5: (Lecture) Describe the concept of Solid Waste Describe the standards of housing and effect of housing and health	Community Medicine - SDL CM 3.1 - Indoor air pollution, water borne diseases,
Day 28	PA:7.1 (Lecture) Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from malignant neoplams	MI 1.1, 8.9, 8.10 (Small Group Teaching - Tutorials) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - General Virology and Overview of Viral Infections	PH1.49 (Lecture) "Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs": Anti cancer drugs-Part I	MI- Small Group Teaching (Tutorial)- General Microbiology- MI 1.1, 1.2, 1.6, 8.9, 8.10 Revision	Lunch	PH1.49 (Lecture) "Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs": Anti cancer drugs-Part II	PA: 7.2 (Lecture) Describe the molecular basis of cancer	MI 1.1 (SDL) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Culture Media & Methods
Day 29	PA: 7.2 (Lecture) Describe the molecular basis of cancer	Clinical Posting			Lunch	MI 1.7 (Lecture) Describe the immunological mechanisms in health - Immunity (Innate and Acquired)	Practicals (Small Group Teaching) (Batches A,B, C) PA 6.7, 3.2 Gross: Splenic infarct,Gangrene intestine,Micro :Hemorrhagic infarct intestine, CVC- lung(OSPE) MI : 1.2, 8.7, 8.9 GRAM STAIN PH1.6, 1.7, 3.4: ADR reporting	
Day 30	OG 22.1 Describe the clinical characteristics of physiological vaginal discharge & OG 22.2 Describe and discuss the etiology (with special emphasis on Candida, T. vaginalis, bacterial vaginosis), characteristics, clinical diagnosis, investigations, genital hygiene, management of common causes and the syndromic management	Clinical Posting			Lunch	PA: 7.3 (Lecture) Enumerate carcinogens and describe the process of carcinogenesis	Practicals (Small Group Teaching) (Batches B,C, A) PA 6.7, 3.2 Hemorrhagic infarct intestine, Splenic infarct,Gangrene intestine,CVC- lung(OSPE) MI : 1.2,8.7, 8.9 GRAM STAIN PH1.6, 1.7, 3.4: ADR reporting	
Day 31	GS 5: (Lecture) Day Care Surgery and Surgical Infection	Clinical Posting			Lunch	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Antigen	Practicals (Small Group Teaching) (Batches C,A, B) PA 6.7, 3.2 ches B,C, A) PA 6.7, 3.2 Hemorrhagic infarct intestine, Splenic infarct,Gangrene intestine,CVC- lung(OSPE) MI : 1.2, 8.7, 8.9 GRAM STAIN PH1.6, 1.7, 3.4: ADR reporting	
Day 32	IM: 4.7 (Lecture) Discuss and describe the pathophysiology and manifestations of the sepsis syndrome	Clinical Posting			Lunch	PA: 3.1 (Lecture) Describe the pathogenesis and pathology of amyloidosis (CHART, OSPE)	**Seminar (Small Group Teaching) PA: 7.4,7.5, 8.1, 8.2 Describe the effects of tumor on the host including paraneoplastic syndrome. Describe immunology and the immune response to cancer Describe the diagnostic role of cytology and its application in clinical care. Describe the basis of exfoliative cytology including the technique & stains used**	

Day 33	FM: 4.1-4.2 (Small Group Teaching) - Describe Medical Ethics and its historical emergence, Describe Code of Medical Ethics 2002 conduct, Etiquette and Ethics in medical practice and unethical practices, dichotomy	Clinical Posting			Lunch	CM: 3.4 (Lecture) Describe the concept of human excreta and sewage disposal	FM: 4.3 - 4.5 (Small Group Teaching) - Describe functions and role of MCI & SMC, Indian Medical Register, Rights of a RMP, penal erasure, infamous conduct, disciplinary Committee, disciplinary procedures, warning notice and penal erasure	PH1.61 SDL- Describe and discuss dietary supplements and nutraceuticals
Day 34	Lecture - PA: (Small Group Teaching) 4.1-4.4,5.1 & 6.1 -6.7 Inflammation, wound healing & Hemodynamics Tutorials	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections- Antibody	PH: 1.48 (Lecture): Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: Beta lactam antibiotics I	MI 1.8, 8.13, 8.15 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Antigen-antibody Reaction	Lunch	PH: 1.48 (Lecture): Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: Beta lactam antibiotics II	PA: Formative Assessment of Hemodynamics, Neoplasia & Genetics Feedback & Reflection	PA: 11.3 SDL- Enumerate the clinical presentations of common storage disorders in infancy and childhood.
Day 35	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Complement	Clinical Posting			Lunch	Lecture PH: 1.48 : Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: MACROLIDES	Practicals (Small Group Teaching) (Batches A,B, C) PA 7.1: Gross & Micro:Lipoma, Leiomyoma MI 1.2, 8.7, 8.9 - Ziehl-Neelsen staining(demo) PH:1.10, 3.1 :Introduction to prescription writing, Prescriptions based on Autocoids & Chemotherapy	
Day 36	OG4.1- (Lecture) Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development, anatomy and physiology of placenta, and teratogenesis	Clinical Posting			Lunch	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Components of Immune System: Organs, Cells and Products	Practicals (Small Group Teaching) (Batches B,C, A) PA 7.1: Gross & Micro:Lipoma, Leiomyoma MI 1.2, 8.7, 8.9 - Ziehl-Neelsen staining(demo) PH:1.10, 3.1 :Introduction to prescription writing, Prescriptions based on Autocoids & Chemotherapy	
Day 37	GS 6 : (Lecture) Diagnostic imaging / GI Endoscopy & Peri-operative management of high risk surgical patient	Clinical Posting			Lunch	MI 1.8 (Lecture) Describe the mechanisms of immunity and response of the host immune system to infections - Immune Responses: Cell-mediated and Antibody-mediated	Practicals (Small Group Teaching) (Batches C,A, B) PA 7.1: Gross & Micro:Lipoma, Leiomyoma MI 1.2, 8.7, 8.9- Ziehl-Neelsen staining(demo) PH:1.10, 3.1 :Introduction to prescription writing, Prescriptions based on Autocoids & Chemotherapy	
Day 38	IM: 4.8 (Lecture) Discuss and describe the pathophysiology , aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease	Clinical Posting			Lunch	(Small Group Teaching) AETCOM Module- (2.1) Patient Communication (2 hrs)		Sports

Day 39	FM: 4.6 (Lecture) Describe laws in Relation to medical practice and the duties of RMP towards patients and society	Clinical Posting			Lunch	CM: 3.4 (Lecture) Describe the concept of human excreta and sewage disposal	Lecture PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV" - Aminoglycosides	Sports
Day 40	MI: Formative Assessment of General Microbiology, Feedback & Reflection	Lecture PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV" - Broad Spectrum Antibiotics	**Horizontal Integration: MI 1.10 (Lecture) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) and discuss the laboratory methods used in detection. - Autoimmunity**	**Horizontal Integration: PA: 9.4,9.5 (Lecture) Define autoimmunity. Enumerate autoimmune disorders. Define and describe the pathogenesis of systemic Lupus Erythematosus .**	Lunch	**Horizontal Integration :PH1.50 (Lecture) "Describe mechanisms of action, types, doses, side effects, indications and contraind of immunomodulator and management of organ transplant rejection": Immunosupressants**	Research	Sports
Day 41	**Horizontal Integration: MI 1.10 (Lecture) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) and discuss the laboratory methods used in detection. - Hypersensitivity**	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA10.4: Define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases.	Practicals (Small Group Teaching) (Batches A,B, C) PA 22.1 (Flipped video) Blood grouping and typing MI 1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -1	
Day 42	OG9.1Classify, define and discuses the aetiology and management of abortions including threatened, incomplete, inevitable, missed and septic	Clinical Posting			Lunch	MI 1.11 (lecture) Describe the immunological mechanisms of transplantation and tumor immunity - Transplant and Cancer Immunology	Practicals (Small Group Teaching) (Batches B,C, A) PA 22.1 (Flipped video) Blood grouping and typing MI 1.2 8.7, 8.9- Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -1	
Day 43	GS 7 : (Lecture) Skin & Subcutaneous tissue	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA11.2: Describe the pathogenesis and pathology of tumor and tumourlike conditions in infancy and childhood	Practicals (Small Group Teaching) (Batches C,A. B) PA 22.1 (Flipped video) Blood grouping and typing MI 1.2, 8.7, 8.9- Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -1	
Day 44	IM: (aligned to Pathology PA 13.1 - 13.4) (Lecture) 9.1 Define, describe and classify anemia based on red blood cell size and reticulocyte count 9.12 Describe, develop a diagnostic plan to determine the aetiology of anemia 9.7 Describe and discuss the meaning and utility of various components of the hemogram	Clinical Posting			Lunch	(Small Group Teaching) AETCOM Module- (2.1) - Foundations of Communication (1 hr)	Lecture - PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV": Quinolones	FM - SDL : Courts of Law

Day 45	FM: 4.7 (Small Group Teaching) - Describe and discuss Ethics related to HIV patients	Clinical Posting	Lunch	CM 3.7 & CM 3.8 - Small Group Teaching - Tutorials - Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures (mosquites and Other Vectors). Describe the mode of action, application cycle of commonly used insecticides	FM: 4.8 (Lecture) Describe the Consumer Protection Act-1986 (Medical Indemnity Insurance, Civil Litigations and Compensations), Workman's Compensation Act & ESI Act	PA: 9.7 - SDL- Define and describe the pathogenesis of Sjogren syndrome and scleroderma
Day 46	**Vertical Integration- MI - HIV Etiology, Pathogenesis and laboratory diagnosis, PA (9.6)- Virus & CD4 cells, PH - ART Drugs, IM - Clinical Manifestations, CM - Epidemiology & Control (Assessment & Feedback)**		Lunch	Tutorials (Small Group Teaching) - PA 12.1: Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco and alcohol	Lecture - PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV": Sulfonamides & Miscellaneous Antimicrobials	Community Medicine - SDL CM 3.1 - Indoor air pollution, water borne diseases,
Day 47	MI 8. 5, 8.6, 8.7 (lecture) Define Healthcare Associated Infections (HAI) and enumerate the types. Discuss the factors that contribute to the development of HAI and the methods for prevention - Healthcare-associated Infections & Major Healthcare-associated Infection Types	Clinical Posting	Lunch	PH 1.16, 1.50: Formative Assessment of Autocoids, Immunomodulators, Reflections & Feedback	Practicals (Small Group Teaching) (Batches A,B, C) PA 13.4 ,13.5 Hb Estimation (Flipped video), Peripheral smear staining and interpretation. MI :1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -2	
Day 48	OG 27.3 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of HIV & OG 12.7 Describe and discuss screening, risk factors, management of mother and newborn with HIV	Clinical Posting	Lunch	PA: 12.2,12.3 Seminar - (Small Group Teaching) Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation. Describe the pathogenesis of obesity and its consequences (OSPEs of Kwarshiorkor, Rickets)	Practicals (Small Group Teaching) (Batches B,C, A) PA 13.4 ,13.5 Hb Estimation (Flipped video), Peripheral smear staining and interpretation. MI :1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -2	
Day 49	GS: 8 (Lecture) Shock and Pathogenous & Stages	Clinical Posting	Lunch	PA:13.1 -13.4 (Lecture) Describe hematopoiesis and extramedullary hematopoiesis. Describe the role of anticoagulants in hematology. Define and classify anemia. Enumerate and describe the investigation of anemia	Practicals (Small Group Teaching) (Batches C,A, B) PA 13.4 ,13.5 Hb Estimation (Flipped video), Peripheral smear staining and interpretation. MI :1.2, 8.7, 8.9 Ziehl-Neelsen staining PH 1.4: Clinical Pharmacology Exercises -2	

Day 50	IM: (Lecture) 9.2 Describe and discuss the morphological characteristics, aetiology and prevalence of each of the causes of microcytic anemias 9.8 Describe and discuss the various tests for iron deficiency 9.14 Describe the national programs for anemia prevention	Clinical Posting	Lunch	(Small Group Teaching) AETCOM 2.2 Foundations of Bioethics (2 hrs)		Sports
Day 51	FM: 4.9- 4.11 (Small Group Teaching) - Describe violation of human rights, Describe NHRC and medico - legal issues in relation to family violence, doctorscommunication between doctors, public and media, Describe and discuss euthanasia	Clinical Posting	Lunch	CM5.1 & CM5.3 - (Lecture) Describe the common sources of various macro nutrients Describe common nutrition related health disorders their control and management	PH.1.13, 1.14 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs": Introduction to ANS & Cholinergic Drugs	Sports
Day 52	**Vertical Integration: Pathology - Nutritional amaemia: PA (14.1-14.3,15.1 -15.4) - Etiopathogenesis, MI- Microorganisms causuing anemia, PH- Treatment of anemia, IM-Clinical Manifestations, CM- Epidemiology & Prevention (Assessment & Feedback)**		Lunch	Research	Seminar (Small Group Teaching) PH1.59,1.60 Describe and discuss Pharmacogenomics and Pharmacoeconomics"	
Day 53	PH 1.14 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs": Anticholinesterases	Clinical Posting	Lunch	PA: (Lecture) 16.1,16.2 Define and classify hemolytic anemia. Describe the pathogenesis and clinical features and hematologic indices of hemolytic anemia	Practicals (Small Group Teaching) (Batches A,B, C) PA 14.3, 15.3, 16.6 Microcytic hypochromic anemia(Slide& CBC chart), Megaloblastic anemia (Chart&OSPE), Sickle cell anemia (Chart&OSPE), .MI : 1.2 , 8.7, 8.9 Spotter - General Microbiology, Immunology PH 1.12: Dosage calculation 1	
Day 54	OG 12.2 Define, classify and describe the etiology, pathophysiology diagnosis, investigations, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of anemia in pregnancy	Clinical Posting	Lunch	MI 1.9- Seminar (Small Group Teaching)-- Describe the mechanisms of immunity and response of the host immune system to infections- Immunodeficiency Disorders	Practicals (Small Group Teaching) (Batches B,C, A) PA 14.3, 15.3, 16.6 Microcytic hypochromic anemia(Slide& CBC chart), Megaloblastic anemia (Chart&OSPE), Sickle cell anemia (Chart&OSPE), .MI : 1.2 , 8.7, 8.9 Spotter - General Microbiology, Immunology PH 1.12: Dosage calculation 1	

Day 55	GS: 9 (Lecture) Lymphadenopathy (Causes & DD)	Clinical Posting			Lunch	PA: 16.3,16,4, 16.5 (Lecture) Describe the pathogenesis, features, hematologic indices and peripheral blood picture of sickle cell anemia and thalassemia. Describe the etiology pathogenesis, hematologic indices and peripheral blood picture of Acquired hemolytic anemia. Describe the peripheral blood picture in different hemolytic anaemias	Practicals (Small Group Teaching) (Batches C, A,B,) PA 14.3, 15.3, 16.6 Microcytic hypochromic anemia(Slide& CBC chart), Megaloblastic anemia (Chart&OSPE), Sickle cell anemia (Chart&OSPE), .MI : 1.2 , 8.7, 8.9 Spotter - General Microbiology, Immunology PH 1.12: Dosage calculation 1	
Day 56	FM: 4.12 - 4.15 (Small Group Teaching) - Discuss legal and ethical issues in relation to stem cell research, Describe social aspects of MLC cases, Describe & discuss challenges in managing medico-legal cases including development of skills in relationship management , Human behaviour, communication skills,Describe the principles of handling pressure.	Clinical Posting			Lunch	CM5.1 & CM5.3 - (Lecture) Describe the common sources of various micro nutrients Describe common nutrition related health disorders their control and management	MI 1.4,1.5 (Lecture) Classify and describe the different methods of sterilization and disinfection. Discuss the application of the different methods in the laboratory, in clinical and surgical practice - Sterilization and Disinfection	Community Medicine - SDL - CM 3.2: - Water Quality Standards
Day 57	Lecture - PA (Small Group Teaching) 7.1 - 8.3, 9.1 - 9.7 : Neoplasia & Immunopathology Tutorials	Lecture - PA (Small Group Teaching) 10.1 - 12.3 : Infectious disease, Genetics & Environmental diseases Tutorials	MI: Formative Assessment of Immunology Block, Feedback & reflection (1.3,1.15,5.1,6.1)	MI: Tutorials (Small Group Teaching) 1.3,1.15,5.1,6.1 - Describe the immunological mechanisms in health -Revision	Lunch	PH: Tutorials (Small Group Teaching) General Pharmacology	PH (Small Group Teaching) Tutorials - Anticancer drugs	
Day 58	I Internal Assesment Theory - PH				Lunch	Practicals (Small Group Teaching) (Batches C,A,B) PA / PH / MI : Revision		
Day 59	I Internal Assesment Theory - PA				Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA / PH / MI : Revision		
Day 60	I Internal Assesment Theory - MI				Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA / PH / MI : Revision		
Day 61	I Internal Assesment Practicals							
Day 62	I Internal Assesment Practicals							
Day 63	I Internal Assesment Practicals							
Day 64	I Internal Assesment Practicals							
Day 65	I Internal Assesment Practicals							
Day 66	GS: 10 (Lecture) Tuberculous lymphadenitis (Stages & Management)	Clinical Posting			Lunch	PH1.14 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs": Anti Cholinergic Drugs	PA: 16,3 (Lecture) Describe the pathogenesis, features, hematologic indices and peripheral blood picture of sickle cell anemia and thalassemia.	MI 1.10 SDL - Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) IImmunoprophylaxis

Day 67	IM: 10 (aligned to Pathology 16.3) IM9.2 (Lecture) Describe and discuss the morphological characteristics, aetiology and prevalence, clinical features and treatment of Sickle cell anemia and Thalassemias	Clinical Posting			Lunch	(Small Group Teaching) AETCOM 2.3 Healthcare as a Right		**SDL - PH1.43 - Describe and discuss the rational use of antimicrobials including antibiotic stewardship program**
Day 68	FM: 4.17 (Small Group Teaching) Describe and discuss principles of Ethics	Clinical Posting			Lunch	CM5.1 & CM5.2 - (Lecture) Describe the special nutritional requirements according to age, sex, activity, physiological conditions Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method	PH1.13 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs": Adrenergic Drugs	MI 1.6 SDL- Describe the mechanisms of drug resistance, and the methods of antimicrobial susceptibility testing and monitoring of antimicrobial therapyAntimicrobial Stewardship
Day 69	Tutorials (Small Group Teaching) - PA: 18.1, 19.1, 19.6 Enumerate and describe the causes of leucocytosis leucopenia lymphocytosis and leukemoid reactions. Enumerate the causes and describe the differentiating features of lymphadenopathy.	MI 8.1 (Lecture) Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course, laboratory diagnosis and prevention - Rickettsial Infections	PA: 18.2 (Lecture) Describe the etiology, genetics, pathogenesis classification, features, hematologic features of acute and chronic leukemia	PH1.13 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs": Alpha blockers	Lunch	PH1.13 (Lecture) "Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs": Beta blockers	Research	PH1.48:SDL - Drug treatment of HIV during Pregnancy
Day 70	PA: 18.2 (Lecture) Describe the etiology, genetics, pathogenesis classification, features, hematologic features of acute and chronic leukemia	Clinical Posting			Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA 13.5 Perform DC, Neutrophilia(Slide& CBC chart),Eosinophilia(Slide, CBC chart& OSPE),MI 1.6 Antibiotic sensitivity testing (Kirby Bauer & E strip, MIC- Broth) PH 2.3, 1.4: Skill Lab Parenteral Drug Administration		
Day 71	GS: 11 (Lecture) Hodgkin's & NHL	Clinical Posting			Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA 13.5 Perform DC, Neutrophilia(Slide& CBC chart),Eosinophilia(Slide, CBC chart& OSPE),MI 1.6 Antibiotic sensitivity testing (Kirby Bauer & E strip, MIC- Broth) PH 2.3, 1.4: Skill Lab Parenteral Drug Administration		

Day 72	IM: 11 (aligned with PA 18.2) (Lecture) 13.1 Describe the clinical epidemiology and inherited & modifiable risk factors for leukemias in India 13.2 Describe the genetic basis of leukemias 13.3 Describe the relationship between infection and leukemias 13.4 Describe the natural history, presentation, course, complications and cause of death for leukemias	Clinical Posting			Lunch	Practicals (Small Group Teaching) (Batches C, A,B) PA 13.5 Perform DC, Neutrophilia(Slide& CBC chart),Eosinophilia(Slide, CBC chart& OSPE),MI 1.6 Antibiotic sensitivity testing (Kirby Bauer & E strip, MIC- Broth) PH 2.3, 1.4: Skill Lab Parenteral Drug Administration		
Day 73	FM: 4.16 (Lecture) Describe & discuss Bioethics	Clinical Posting			Lunch	Lecture - CM 5.5 - Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio cultural factors.	FM: 14.9 (Small Group Teaching) Tutorials: Demonstrate examination of & present an opinion after examination of skeletal remains in a supervised environment	Sports
Day 74	PA: 20.1 (Lecture) Describe the features of plasma cell myeloma (including OSPE)	MI 8.1 8.15 (Lecture) Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course, laboratory diagnosis and prevention - Brucellosis, Leptospirosis and Borreliosis	PA: 19.4 (Lecture) Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma (Hodgkin Lymphoma - Charts)	PH1.58 (Lecture) Describe drugs used in Ocular disorders: Drugs used in ocular disorder	Lunch	Research	MI 2.7, 8.15, 8.16 - Seminar (Small Group Teaching) Describe the epidemiology, the etio-pathogenesis, evolution complications, opportunistic infections, diagnosis, prevention and the principles of management of HIV	
Day 75	**Horizontal Integration : MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Malaria**	Clinical Posting				**Horizontal Integration: PH1.47 (Lecture) "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria**	Practicals (Small Group Teaching) A, B,C Batches PA: PA 18.2, 19.7. AML(Chart), CML(Slide & OSPE), CLL(Chart),Enlarged Spleen MI 1.8, MI 8.15 Indirect methods of infectious disease diagnosis-Immunological diagnostic tests PH 1.12: Dosage calculation 2	

Day 76	OG20. 1Enumerate the indications and describe and discuss the legal aspects, indications, methods for first and second trimester MTP; complications and management of complications of Medical Termination of Pregnancy	Clinical Posting	Lunch	PA: 19.4 (Lecture) Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma	Practicals (Small Group Teaching) B, C, A Batches PA: PA 18.2, 19.7. AML(Chart), CML(Slide & OSPE), CLL(Chart),Enlarged Spleen MI 1.8, MI 8.15 Indirect methods of infectious disease diagnosis-Immunological diagnostic tests PH 1.12: Dosage calculation 2	
Day 77	GS: 12 (Lecture) Splenomegaly	Clinical Posting	Lunch	Lecture - PA: 17.2 Enumerate the indications and descibe the findings in bonemarrow aspiration and biopsy	Practicals (Small Group Teaching) C, A,B Batches PA: PA 18.2, 19.7. AML(Chart), CML(Slide & OSPE), CLL(Chart),Enlarged Spleen MI 1.8, MI 8.15 Indirect methods of infectious disease diagnosis-Immunological diagnostic tests PH 1.12: Dosage calculation 2	
Day 78	IM: 12 (aligned to PA 22) (Lecture) 9.17 Describe the indications for blood transfusion and the appropriate use of blood components 9.18 Describe the precautions required necessary when performing a blood transfusion 9.21 Determine the need for specialist consultation	Clinical Posting	Lunch	(Small Group Teaching) AETCOM 2.4 - Working in a health care team (2hrs)		PA: 17.1 SDL Enumerate the etiology, pathogenesis and findings in aplastic anemia
Day 79	FM: 4.19 (Lecture) Define Consent. Describe different types of consent and ingredients of informed consent. Describe the rules of consent and importance of consent in relation to age, emergency situation, mental illness and alcohol intoxication	Clinical Posting	Lunch	Small Group Discussion - Tutorials - CM 5.7 - Describe food hygiene	Small Group Discussion - Tutorials - CM 5..8 - Describe food borne diseases and food toxicants. Discuss the importance and methods of food fortification and effects of additives and adulteration. Discuss the importance of food standards and Prevention of Food Adulteration Act	SDL CM 5..8 - Describe food borne diseases and food toxicants
Day 80	FEEDBACK & PTM		Lunch	Research		
Day 81	Tutorials (Small Group Teaching) PA: 18.2 Case discussion - Acute myeloid leukemia	Clinical Posting	Lunch	MI : 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease Normal Human Microbiota Bacterial Taxonomy	Practicals (Small Group Teaching) (Batches A, B, C) PA 27.8, 27.5, 26.1, 26.3 -CBC charts MI -General principles of laboratory diagnosis of Parasitic diseases PH- Revision	
Day 82	Small Group Teaching (Tutorial) - PH1.4 - Pharmacokinetics Revision	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA: 18.2 Case discussion - Chronic myeloid leukemia	Practicals (Small Group Teaching) (Batches B, C, A) PA 27.8, 27.5, 26.1, 26.3 Revision MI -General principles of laboratory diagnosis of Parasitic diseases PH- Revision	

Day 83	MI 1.1 (Tutorials) (Small Group Teaching) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease Epidemiology of Infectious Diseases	Clinical Posting			Lunch	Small Group Teaching (Tutorial) - PH1.5 - Pharmacodynamics Revision	Practicals (Small Group Teaching) (Batches C, A, B) PA 27.8, 27.5, 26.1, 26.3 Revision MI -General principles of laboratory diagnosis of Parasitic diseases PH- Revision	
Day 84	Small Group Teaching (Tutorial) - PH1.5 - Factors affecting drug action	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 16.3 Sickle cell anaemia Revision	MI :1.1 Seminar (Small Group Teaching) - Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease Normal Human Microbiota	Sports
Day 85	FM: (Small Group Teaching) Tutorials 14.4: Bones age estimation - Revision	Clinical Posting			Lunch	Lecture - CM 5..8 - Describe food borne diseases and food toxicants Discuss the importance and methods of food fortification and effects of additives and adulteration Discuss the importance of food standards and Prevention of Food Adulteration Act	PH1.5,1.6,1.7 Small group Teaching (Tutorials) Pharmacovigilance	Sports
Day 86	PH1.64 Small Group Teaching (Tutorials) Drug develoment Process	PH1.16 Small Group Discussion (Tutorials) Prostagalandins	Tutorials (Small Group Teaching) - PA: 16.4Hemolytic anaemia Revision	Tutorials (Small Group Teaching) - PA: 18.2 Acute Leukemia Revision	Lunch	MI 1.10 Tutorials (Small Group Teaching) (Revision) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) Immunoprophylaxis	Revision- MI 1.10 (Lecture) Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states)	Sports
Day 87	PH 1.16 Small Group Discussion (Tutorials) NSAID's	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 19.4 Hodgkin lymphoma Revision	Practicals (Small Group Teaching) (Batches A, B, C) PA 27.8, 27.5, 26.1, 26.3 Revision MI - 1.2, 8.9, Revision PH- Revision	
Day 88	MI: 1.8 Tutorials (Small Group Teaching) Describe the mechanisms of immunity and response of the host immune system to infections Immune Responses	Clinical Posting			Lunch	**SDL - PH1.56 - Describe the basic aspects of Geriatric Pharmacology**	Practicals (Small Group Teaching) (Batches B, C, A) PA 27.8, 27.5, 26.1, 26.3 Revision MI - 1..2, 8.9, Revision PH- Revision	
Day 89	PH 1.16 Small Group Discussion (Tutorials) Antihistamines	Clinical Posting			Lunch	MI: 1.8 8.13, 8.15 Lecture - Describe the mechanisms of immunity and response of the host immune system to infections- Antigen-antibody Reaction	Practicals (Small Group Teaching) (Batches C, A, B) PA 27.8, 27.5, 26.1, 26.3 Revision MI -1.2, MI 8.9, Revision PH- Revision	
Day 90	PH 1.49 Small Group Discussion (Tutorials) Anticancer drugs	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 20.1 Plasma cell myeloma Revision	MI 1.10 Seminar (Small Group Teaching)- - Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) - Hypersensitivity-type1	Sports

Day 91	FM: 4.20 (Small Group Teaching) Describe therapeutic privilege, Malingering, Therapeutic Misadventure, Professional Secrecy, Human Experimentation	Clinical Posting	Lunch	Lecture - CM 5..6 - Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	Small Group Discussion - Tutorials - CM 5.4 - Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment	PA: 15.4 - SDL - Enumerate the differences and describe the distinguishing features of megaloblastic and non-megaloblastic macrocytic anemia
Day 92	**Vertical integration - PA (21.1 -21.5) Platelet & coagulation disorders - Etieopathogenesis IM -Clinical Manifestations, PH - Treatment for Platelet & Coagultion Disorders (Assessment & Feedback)**		Lunch	Research		**SDL - PH1.56 - Describe the basic aspects of Paediatric Pharmacology**
Day 93	MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Trypanosomiasis	Clinical Posting	Lunch	PA: Formative Assessment of Hematology Module- 1, feedback & Reflection	Practicals (Small Group Teaching) (Batches A,B, C) PA 21.3, 16.6, Haemophilia, ITP(Charts), CBC chart of Thrombocytopenia MI 1.2, 2.5,2.6 - General principles of laboratory diagnosis of Parasitic diseases- Stool examination Demo + malaria PH 1.13, 1,14 - Drugs acting on ANS - Charts -1	
Day 94	OG12.8 - (Lecture) Describe the mechanism, prophylaxis, fetal complications, diagnosis and management of isoimmunization in pregnancy	Clinical Posting	Lunch	PA: 22.1, 22.2, 22.4 (Lecture) Classify and describe blood group systems (ABO and RH). Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing. Enumerate blood components and describe their clinical uses.	Practicals (Small Group Teaching) (Batches B,C, A) PA 21.3, 16.6, Haemophilia, ITP(Charts), CBC chart of Thrombocytopenia MI 1.2, 2.5,2.6 - General principles of laboratory diagnosis of Parasitic diseases- Stool examination Demo + malaria PH 1.13, 1,14 - Drugs acting on ANS - Charts -1	
Day 95	GS: SU1.1 Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators.	Clinical Posting	Lunch	PA: 22.5, 22.6, 22.7 (Lecture) Enumerate and describe infections transmitted by blood transfusion. Describe transfusion reactions and enumerate the steps in the investigation of a transfusion reaction. Enumerate the indications and describe the principles and procedure of autologous transfusion.	Practicals (Small Group Teaching) (Batches C, A, B) PA 21.3, 16.6, Haemophilia, ITP(Charts), CBC chart of Thrombocytopenia MI 1.2, 2.5,2.6 - General principles of laboratory diagnosis of Parasitic diseases- Stool examination Demo + malaria PH 1.13, 1,14 - Drugs acting on ANS - Charts - 1	

Day 96	IM: 8.4 Define and classify hypertension IM8.1 Describe and discuss the epidemiology, aetiology and the prevalence of primary and secondary hypertension IM8.2 Describe and discuss the pathophysiology of hypertension IM8.3 Describe and discuss the genetic basis of hypertension IM8.5 Describe and discuss the differences between primary and secondary hypertension	Clinical Posting			Lunch	(Small Group Teaching) AETCOM 2.4 - Working in a health care team (2hrs)		Community Medicine - SDL CM - 3.7 - Life cycles of vectors of Public Health importance and their control measures
Day 97	FM: 4.21-4.23 (Small Group Teaching) Describe products liability, Oath – Hippocrates, Describe Declaration of Geneva and its relevance	Clinical Posting			Lunch	Small Group Teaching - CM 7.1, 7.3, 7.4 - Define Epidemiology and describe and enumerate the principles, oncepts and uses Enumerate, describe and discuss the sources of epidemiological data. Define, calculate and interpret morbidity and mortality indicators based on given set of data	FM: 4.24 (Lecture) Enumerate rights, privileges and duties of a RMP, doctor- pt relationship, professional secrecy and privileged communication	Sports
Day 98	**Horizontal Integration: Lecture - PA: 27.1 Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of arteriosclerosis**	**Horizontal Integration: Lecture PH 1.31: - Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in the management of dyslipidemias: Hypolipidemics**	Research	**Horizontal Integration: MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Lymphatic Filariasis**	Lunch	**Horizontal Integration: MI 2.5,2.6, (Lecture) Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India - Leishmaniasis (Visceral/ Cutaneous)**	**Horizontal Integration: Seminar (Small Group Teaching) PH1.47 - Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in Kala-azar, and helminthiasis": Antihelminthic Drugs - Leishmania & Filaria**	PA 27.10 SDL Describe the etiology, pathophysiology, pathology features and complications of syphilis on the cardiovascular system
Day 99	Tutorials (Small Group Teaching) -PA: 27.1, 27.2 Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of arteriosclerosis. Describe the etiology, dynamics, pathology types and complications of aneurysms including aortic aneurysms. - Hypertension & aneurysms	Clinical Posting			Lunch	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Viral Hemorrhagic Fever (VHF)	Practicals (Small Group Teaching) (Batches A,B, C)PA 27.1& PA16.5 Gross- Atherosclerosis , OSPEs of Basophillic stippling, Reticulocytes, Target cells MI4.3,8.1,2.7, 8.12, 8.14- General principles of laboratory diagnosis of Viral diseases- Dengue & HIV PH 1.13, 1,14 - Drugs acting on ANS - Charts - 2	

Day 100	**Horizontal Integration: Lecture - PA : 27.5 Describe the epidemiology, risk factors, etiology, pathophysiology, pathology, presentations, gross and microscopic features, diagnostic tests and complications of ischemic heart disease**	Clinical Posting	Lunch	**Horizontal Integration: PH: 1.28: Lecture - Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease (stable, unstable angina and myocardial infarction), peripheral vascular disease: Anti Anginal drugs, Treatment of MI**	Practicals (Small Group Teaching) (Batches A,B, C)PA 27.1, PA16.5 Gross- Atherosclerosis , OSPEs of Basophillic stippling, Reticulocytes, Target cells MI4.3,8.1,2.7, 8.12, 8.14- General principles of laboratory diagnosis of Viral diseases- Dengue & HIV PH 1.13, 1,14 - Drugs acting on ANS - Charts - 2	
Day 101	PH: 1.26: Lecture - Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs modulating the renin-angiotensin and aldosterone system:Drug acting on RAAS	Clinical Posting	Lunch	Lecture PH: 1.27: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock: Anti hypertensive drugs-1	Practicals (Small Group Teaching) (Batches A,B, C)PA 27.1 & PA16.5 Gross- Atherosclerosis , OSPEs of Basophillic stippling, Reticulocytes, Target cells MI4.3,8.1,2.7, 8.12, 8.14- General principles of laboratory diagnosis of Viral diseases- Dengue & HIV PH 1.13, 1,14 - Drugs acting on ANS - Charts - 2	
Day 102	Lecture PH: 1.27:Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock: Anti hypertensive drugs-2	Clinical Posting	Lunch	**Horizontal Integration: MI 2.1, 2.3 (Lecture) Describe the etiologic agents in rheumatic fever and their diagnosis - Acute Rheumatic Fever - Streptococcus pyogenes**	**Horizontal Integration: Lecture - PA 27.4 Describe the etiology, pathophysiology, pathology, gross and microscopic features, criteria and complications of rheumatic fever**	SDL - PH1.28 - Rationale of drugs used in an acute myocardial infarction
Day 103	FM: 14.9 (Small Group Teaching) Tutorials: Demonstrate examination of & present an opinion after examination of skeletal remains in a supervised environment	Clinical Posting	Lunch	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Descriptive Epidemiology	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Case Control Study Design	SDL - CM 7..4 - Morbidity and mortality indicators
Day 104	Infective endocarditis- Vertical Integration (PA (27.6), MI, PH (1), IM)		Lunch	Tutorials (Small Group Teaching) - PA : Revision	PH 1.16, 1.50: Formative Assessment of , Reflections & Feedback	Sports
Day 105	Lecture - PH: 1.30:Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the antiarrhythmics: Anti Arrhythmic agents	Clinical Posting	Lunch	MI 1.1, 8.15 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Systemic Mycoses & Systemic Candidiasis	Practicals (Small Group Teaching) (Batches A,B, C) PA 27.8, 27.5 Chart of Cardiac function testing in acute coronary syndromes,Myocardial infarction - Chart, Rheumatic Pericarditis -OSPE MI 2.1, 2.2.2.3 Laboratory diagnosis of Infective endocarditis & Rheumatic heart disease PH3.5, 5.4 - "To prepare and explain a list of P-drugs for a given case/condition," Explain to the patient the relationship between cost of treatment and patient compliance	

Day 106	OG12.1 Define, classify and describe the etiology and pathophysiology , early detection, investigations; principles of management of hypertensive disorders of pregnancy and eclampsia, complications of eclampsia.	Clinical Posting	Lunch	Lecture - PH: 1.29: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure: Drugs for cardiac failure - 1	Practicals (Small Group Teaching) (Batches A,B, C) PA 27.8, 27.5 Chart of Cardiac function testing in acute coronary syndromes,Myocardial infarction - Chart, Rheumatic Pericarditis -OSPE MI 2.1, 2.2.2.3 Laboratory diagnosis of Infective endocarditis & Rheumatic heart disease PH3.5, 5.4 - "To prepare and explain a list of P-drugs for a given case/condition," Explain to the patient the relationship between cost of treatment and patient compliance	
Day 107	GS: SU1.2 Describe the factors that affect the metabolic response to injury	Clinical Posting	Lunch	Lecture - PH: 1.29: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure: Drugs for cardiac failure - 2	Practicals (Small Group Teaching) (Batches A,B, C) PA 27.8, 27.5 Chart of Cardiac function testing in acute coronary syndromes,Myocardial infarction - Chart, Rheumatic Pericarditis -OSPE MI 2.1, 2.2.2.3 Laboratory diagnosis of Infective endocarditis & Rheumatic heart disease PH3.5, 5.4 - "To prepare and explain a list of P-drugs for a given case/condition," Explain to the patient the relationship between cost of treatment and patient compliance	
Day 108	IM: 8.7 Describe and discuss the clinical manifestations of the various aetiologies of secondary causes of hypertension. IM8.6 Define, describe and discuss and recognise hypertensive urgency and emergency IM8.8 Describe, discuss and identify target organ damage due to hypertension	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA: 27.7 - Describe the etiology, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of pericarditis and pericardial effusion	Seminar (Small Group Teaching) - PA: 27.3 Describe the etiology, types, stages pathophysiology, pathology and complications of heart failure	Sports
Day 109	FM: 4.25-4.27 (Small Group Teaching) Clinical research & Ethics: Discuss human experimentation including clinical trials, Discuss the constitution and functions of ethics committee, Describe and discuss Ethical Guidelines for Biomedical Research on Human & Animals	Clinical Posting	Lunch	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Cohort Study Design	FM: 2.1- 2.3 (Lecture) Define, describe and discuss death and its types including somatic / clinical / cellular, molecular and brain-death, Cortical Death and Brainstem Death,Describe and discuss natural and unnatural deaths, Describe and discuss issues related to sudden natural deaths	SDL - MI 6.1,6.2,8.15- Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract- Acinetobacter, Burkholderiaand Others

Day 110	PA: Formative Assessment of CVS & RS, feedback & Reflection	MI 6.1,6.2,8.15 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Diphtheria and Others	**Horizontal Integration: MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Bacterial lobar Pneumonia**	**Horizontal Integration (Lecture) - PA: 26.1, 26.2 Define and describe the etiology, types, pathogenesis, stages, morphology and complications of pneumonia. Describe the etiology, gross and microscopic appearance and complications of lung abscess**	Lunch	Research	**Seminar (Small group teaching) PH: 1.27: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock; - Drugs for PVD, Drugs for Shock**
Day 111	**Horizontal Integration: MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Bacterial Atypical (Interstitial) Pneumonia**	Clinical Posting			Lunch	**Horizontal Integration: Lecture - PA: 26.3 Define and describe the etiology, types, pathogenesis, stages, morphology and complications and evaluation of Obstructive airway disease (OAD) and bronchiectasis**	Practicals (Small Group Teaching) (Batches C,A, B) PA 26.1, 26.3 Pneumonia, Emphysema & Bronchiectasis chart, OSPEs of Silicosis & SCC-Lung MI 1.1, 4.3, 8.1-General principles of laboratory diagnosis of fungal diseases - Candidemia - Clinical scenario PH 3.1 "Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient" - ANS & CVS prescriptions
Day 112	**Horizontal Integration: Lecture- PH: 1.32; 1.33: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD Describe the mechanism of action, types, doses, side effects, indications and contraindications of the drugs used in cough (antitussives, expectorants/ mucolytics): Drugs for asthma and cough - 1**	Clinical Posting			Lunch	**Horizontal Integration: Lecture- PH: 1.32; 1.33: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD Drugs for asthma - 2**	Practicals (Small Group Teaching) (Batches C,A, B) PA 26.1, 26.3 Pneumonia, Emphysema & Bronchiectasis chart, OSPEs of Silicosis & SCC-Lung MI 1.1, 4.3, 8.1-General principles of laboratory diagnosis of fungal diseases - Candidemia - Clinical scenario PH 3.1 "Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient" - ANS & CVS prescriptions

Day 113	MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Myxovirus Infections of Respiratory Tract: Influenza, Parainfluenza, Mumps , Respiratory Syncytial Virus	Clinical Posting	Lunch	MI 6.1,6.3 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Coronavirus Infections Including COVID-19	Practicals (Small Group Teaching) (Batches C,A, B) PA 26.1, 26.3 Pneumonia, Emphysema & Bronchiectasis chart, OSPEs of Silicosis & SCC-Lung MI 1.1, 4.3, 8.1-General principles of laboratory diagnosis of fungal diseses - Candidemia - Clinical scenario PH 3.1 "Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient" - ANS & CVS prescriptions	
Day 114	Lecture - PA: 26.6, 26.7 "Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance, metastases and complications of tumors of the lung and pleura (Mesothelioma).	Clinical Posting	Lunch	MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract - Miscellaneous Viral Infections of Respiratory Tract: Rhinovirus, Adenovirus andInfectious Mononucleosis (Epstein-Barr Virus)	Seminar (Small Group Teaching) -PA: 26.5: Define and describe the etiology, types, exposure, environmental influence, pathogenesis, stages, morphology, microscopic appearance and complications of Occupational lung disease	
Day 115	FM: 2.4 (Lecture) Describe salient features of the Organ Transplantation and The Human Organ Transplant (Amendment) Act 2011 and discuss ethical issues regarding organ donation.	Clinical Posting	Lunch	CM - Formative Assessment, Feedback & Reflection - Concept of Health and Disease, Communication and Health Education, Health Care of the Community, Environment and Health, Nutrition	Small Group Teaching - Tutorials - CM 7.8 - Describe the principles of association, causation and biases in epidemiological studies	FM: SDL Anthropometry
Day 116	TUBERCULOSIS: PA (26.4). PH1.44; PH: 1.45: Describe the first line antitubercular dugs, their mechanisms of action, side effects and doses. Describe the dugs used in MDR and XDR Tuberculosis (2 hrs), MI(2). IM, GS, CM (Integration)		Lunch	TB: PA. PH, MI. IM, GS,CM (Integration)		Sports
Day 117	**Horizontal Integration: MI 6.1,6.2 (Lecture) Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract. - Fungal Infections: Zygomycosis, Aspergillosis, Pneumocystosis and Others**	Clinical Posting	Lunch	**Horizontal Integration: Lecture - PH: 1.57 Describe drugs used in skin disorders: Antifungal drugs**	Practicals (Small Group Teaching) (Batches A,B, C) PA 24.7 PA 24.3, 24.4 Peptic ulcer - OSPE, Gross :Carcinoma Stomach, Carcinoma Colon, Slide - Ca colon MI 6.2, 6.3 -Laboratory diagnosis of Upper & Lower respiratory tract infections Zygomycosis, Aspergillosis, Klebseilla spp PH 3.6 "Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs"	

Day 118	OG 12.4 Define, classify and describe the etiology, pathophysiology , diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of heart diseases in pregnancy	Clinical Posting	Lunch	MI: Formative Assesment & feed back- CVS 2.1-2.6	Practicals (Small Group Teaching) (Batches A,B, C) PA 24.7 PA 24.3, 24.4 Peptic ulcer - OSPE, Gross :Carcinoma Stomach, Carcinoma Colon, Slide - Ca colon MI 6.2, 6.3 -Laboratory diagnosis of Upper & Lower respiratory tract infections Zygomycosis, Aspergillosis , Klebseilla spp PH 3.6 "Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs"	
Day 119	GS: SU2.1 Describe Pathophysiolog y of shock, types of shock & principles of resuscitation including fluid replacement and monitoring	Clinical Posting	Lunch	Seminar -MI 6.1,6.2 - Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract- Pertussis	Practicals (Small Group Teaching) (Batches A,B, C) PA 24.7 PA 24.3, 24.4 Peptic ulcer - OSPE, Gross :Carcinoma Stomach, Carcinoma Colon, Slide - Ca colon MI 6.2, 6.3 -Laboratory diagnosis of Upper & Lower respiratory tract infections Zygomycosis, Aspergillosis , Klebseilla spp PH 3.6 "Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs"	
Day 120	IM: 8.12 Describe the appropriate diagnostic work up based on the presumed aetiology IM8.13 Enumerate the indications for and interpret the results of : CBC, Urine routine, BUN, Cr, Electrolytes, Uric acid, ECG IM8.14 Develop an appropriate treatment plan for essential hypertension IM8.20 Determine the need for specialist consultation	Clinical Posting	Lunch	(Small Group Teaching) AETCOM 2.4 - Working in a health care team (2hrs)		PA: SDL 27.9 Classify and describe the etiology, types, pathophysiology, pathology, gross and microscopic features, diagnosis and complications of cardiomyopathies
Day 121	FM: 2.5 - 2.7 (Small Group Teaching) Discuss moment of death, modes of death - coma, asphyxia and syncope, Discuss presumption of death and survivorship, Describe and discuss suspended animation.	Clinical Posting	Lunch	Lecture - CM 7.5 - Enumerate, define, describe and discuss epidemiological study designs – Randomized Controlled Trials	FM: (Small Group Teaching) Tutorials 14.4: Estimate the age of a person by using physical, dental and radiological findings	OG : Formative Assessment, Feedback & Reflections

Day 122	Tutorials (Small Group Teaching) - PA: 24.1 Describe the etiology, pathogenesis, pathology and clinical features of oral cancers - Oral cancers, Barrett oesophagus & common Salivary glands tumours	**Horizontal Integration: MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents. Helicobacter, Campylobacter and Clostridioides difficile Infections**	**Horizontal Integration: Lecture - PA: 24.2 Describe the etiology, pathogenesis, pathology, microbiology, clinical and microscopic features of peptic ulcer disease**	**Horizontal Integration: Lecture - PH: 1.34: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 1. Acid-peptic disease and GERD**	Lunch	Lecture PH: 1.34: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 2. Antiemetics and prokinetics	Seminar (Small Group Teaching)- MI 6.1,6.2 Describe the etio-pathogenesis, laboratory diagnosis and prevention of Infections of upper and lower respiratory tract- Nontuberculous Mycobacteria Infections	GS: : Formative Assessment, Feedback & Reflections
Day 123	PH: Formative Assessment, Reflections & Feedback	Clinical Posting			Lunch	MI 3.3, 3.4, 8.15 (Lecture) Describe the enteric fever pathogens and discuss the evolution of the clinical course and the laboratory diagnosis of the diseases caused by them - Enteric fever - Salmonella &Nontyphoidal Salmonellosis	Practicals (Small Group Teaching) (Batches A,B, C) PA: Skills Lab - Ascitic fluid Tapping MI1.2, MI3.1, MI3.2 Laboratory diagnosis of Enteric fever Salmonella typhi, Sal paratyphi –A, WIDAL PH3.2 Critical appraisal (audit) of a given prescription" - based on ANS, CVS, RS	
Day 124	MI 3.1 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Gastrointestinal Infections due to Enterobacteriaceae : Diarrheagenic Escherichia coli, Shigellosis and Yersiniosis	Clinical Posting			Lunch	Lecture - PA: 24.4 Describe and etiology and pathogenesis and pathologic features of carcinoma of the stomach	Practicals (Small Group Teaching) (Batches B, C, A) PA: Skills Lab - Ascitic fluid Tapping MI1.2, MI3.1, MI3.2 Laboratory diagnosis of Enteric fever Salmonella typhi, Sal paratyphi –A, WIDAL PH3.2 Critical appraisal (audit) of a given prescription" - based on ANS, CVS, RS	
Day 125	**Horizontal Integration: Lecture - PA: 24.6 Describe and etiology and pathogenesis and pathologic and distinguishing features of Inflammatory bowel disease**	Clinical Posting			Lunch	**Horizontal Integration: Lecture - PH: 1.34: Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 3. Antidiarrhoeals 4 . Laxatives 5. Inflammatory Bowel Disease 6. Irritable Bowel Disorders, biliary and pancreatic diseases: Drugs for constipation & diarrhea, IBD & IBS**	Practicals (Small Group Teaching) (Batches C, A, B) PA: Skills Lab - Ascitic fluid Tapping MI1.2, MI3.1, MI3.2 Laboratory diagnosis of Enteric fever Salmonella typhi, Sal paratyphi –A, WIDAL PH3.2 Critical appraisal (audit) of a given prescription" - based on ANS, CVS, RS	

Day 126	MI 3.1 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Cholera, HalophilicVibrio and Aeromonas Infections	Clinical Posting			Lunch	(Small Group Teaching) AETCOM Module 2.5- Bioethics - Patient autonomy and decision making(2 hrs)		SDL AETCOM Module 2.5- Bioethics (1Hr)
Day 127	FM: 2.8 (Lecture) Describe and discuss postmortem changes: signs of death, cooling of body, post-mortem lividity, rigor mortis, cadaveric spasm, cold stiffening & heat stiffening	Clinical Posting			Lunch	Small Group Teaching - Tutorials - CM 7.2 - Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable diseases and non communicable diseases (Disease Prevention and Control)	Small Group Teaching - Tutorials - CM 7.2 - Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable diseases (Immunization, Cold Chain, AEFI – Adverse Effects Following Immunization)	PA: 24.5 SDL Describe and etiology and pathogenesis and pathologic features of Tuberculosis of the intestine
Day 128	MI 3.5 (Lecture) Enumerate the causative agents of food poisoning and discuss the pathogenesis, clinical course and laboratory diagnosis - Food Poisoning: S. aureus, Bacillus cereus, Clostridium botulinum and Others	Lecture - PA: 24.7 Describe the etiology, pathogenesis, pathology and distinguishing features of carcinoma of the colon	MI:1.9 Lecture- Explain the classification, pathogenesis, clinical features and laboratory diagnosis of Shigella. Discuss the different types of Diarrhoeogenic E Coli	Tutorials (Small Group Teaching) - PA: 25.1 - Describe bilirubin metabolism, enumerate the etiology and pathogenesis of jaundice, distinguish between direct and indirect hyperbilirubinemia.	Lunch	Research	Seminar (Small group teaching) PH1.47: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in malaria, KALA-AZAR, amebiasis and intestinal helminthiasis, Describe and discuss the following National Health Programmes including : Malaria - Antihelminthics	
Day 129	MI: Formative Assessment of Respiratory Module- feedback & Reflection	Clinical Posting			Lunch	Lecture - PA : 25.4 Describe the pathophysiology, pathology and progression of alcoholic liver disease including cirrhosis	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI1.2, MI3.1, MI3.2 - Laboratory diagnosis of Dysentery- Shigella, E coli PH3.2 Critical appraisal (audit) of a given prescription" - based on Chemo, Autocoids	
Day 130	OG 27.2 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of genital tuberculosis	Clinical Posting			Lunch	Lecture PH1.20,1.21: "Describe the effects of acute and chronic ethanol intake Describe the symptoms and management of methanol and ethanol poisonings" - Alcohol	Practicals (Small Group Teaching) (Batches B, C, A) PA Revision MI1.2, MI3.1, MI3.2 - Laboratory diagnosis of Dysentery- Shigella, E coli PH3.2 Critical appraisal (audit) of a given prescription" - based on Chemo, Autocoids	
Day 131	GS: SU2.2 Describe the clinical features of shock and its appropriate treatment	Clinical Posting			Lunch	Lecture - PA :25.2, 25.5: Describe the pathophysiology and pathologic changes seen in hepatic failure and their clincial manifestations, complications and consequences . Describe the etiology, pathogenesis and complications of portal hypertension	Practicals (Small Group Teaching) (Batches C, A, B) PA Revision MI1.2, MI3.1, MI3.2 - Laboratory diagnosis of Dysentery- Shigella, E coli PH3.2 Critical appraisal (audit) of a given prescription" - based on Chemo, Autocoids	

Day 132	IM: 1.1, 1.2,1.4,1.5,1.6,1.7 Rheumatic/ valvular, ischemic, hypertrophic inflammatory. Genetic basis of some forms of heart failure. Stage heart failure. Describe ,discuss and differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure Compensatory mechanisms involved in heart failure including cardiac remodelling and neurohormonal adaptations. Factors that exacerbate heart failure including ischemia, arrythmias, anaemia, thyrotoxicosis, dietary factors drugs etc	Clinical Posting	Lunch	(Small Group Teaching) AETCOM Module 2.5- Bioethics - Patient autonomy and decision making(2 hrs)		SDL AETCOM Module 2.5- Bioethics (1Hr)
Day 133	FM: Formative Assessment - 1, feedback & Reflection	Clinical Posting	Lunch	Small Group Teaching - Tutorials -CM 7.2 - Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable diseases (Disinfection)	FM: 2.9, 2.10 (Small Group Teaching) Describe Putrefaction, mummification, adipocere and maceration Discuss estimation of time since death, Forensic entomology.	PH: SDL - PH1.23: Describe the process and mechanism of Drug Deaddiction
Day 134	Viral hepatitis - PA (25.3), MI, PH1.48, IM		Lunch	MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Intestinal Cestode Infections: Diphyllobothrium, Taenia, Hymenolepis	Tutorials (Small Group Teaching) - PA :25.6: Distinguish obstructive from non-obstructive jaundice based on clinical features and liver function tests	IM : Formative Assessment, Feedback & Reflections
Day 135	**Horizontal Integration: MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Intestinal Protozoan Infections: Intestinal Amoebiasis, Giardiasis,**	Clinical Posting	Lunch	**Horizontal Integration: PH1.47 (Lecture) "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in amebiasis": Antiamoebic Drugs**	Practicals (Small Group Teaching) (Batches A,B, C) PA 25.6,25.4 LFT & Viral hepatitis serology Interpretation, Gross &Micro- Cirrhosis Liver MI:1.2,3.1,3.2 Laboratory Diagnosis of Intestinal helminthic infections, E histolytica lAscaris, Hook worm, Taenia, pin worm PH2.2 "Prepare oral rehydration solution from ORS packet and explain its use"	

Day 136	OG9.5Describe the etiopathology, impact on maternal and fetal health and K principles of management of hyperemesis gravidarum	Clinical Posting	Lunch	MI: 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Strongyloides, Enterobius , Trichuris	Practicals (Small Group Teaching) (Batches A,B, C) PA 25.6,25.4 LFT & Viral hepatitis serology Interpretation, Gross &Micro- Cirrhosis Liver MI:1.2,3.1,3.2Laboratory Diagnosis of Intestinal helminthic infections,E histolytica lAscaris, Hook worm, Taenia, pin worm PH2.2 "Prepare oral rehydration solution from ORS packet and explain its use"	
Day 137	GS: SU4.2 Describe Clinical features, Diagnosetype and extent of burns and plan appropriate treatment	Clinical Posting	Lunch	Lecture- PA 32.6 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications and metastases of pancreatic cancer	Practicals (Small Group Teaching) (Batches A,B, C) PA 25.6,25.4 LFT & Viral hepatitis serology Interpretation, Gross &Micro- Cirrhosis Liver MI:1.2,3.1,3.2 Laboratory Diagnosis of Intestinal helminthic infections,E histolytica lAscaris, Hook worm, Taenia, pin worm PH2.2 "Prepare oral rehydration solution from ORS packet and explain its use"	
Day 138	IM:1.3, 1.9, 1.20, 1.27 Rheumatic fever, criteria, degree of rheumatic activity and rheumatic valvular heart disease and its complications including infective endocarditis. Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever. Determine the severity of valvular heart disease based on the clinical and laboratory and imaging features and determine the level of intervention required including surgery.The role of penicillin prophylaxis in the prevention of rheumatic heart disease	Clinical Posting	Lunch	MI 3.1, 3.2 3.6 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Intestinal Nematode Infections; Hookworm, Ascaris	Tutorials (Small Group Teaching) PA: Hematology Revision	SDL- MI 3.7,3.8, 8.15 (Lecture) Describe the epidemiology, the etio-pathogenesis and discuss the viral markers in the evolution of Viral hepatitis. Discuss the modalities in the diagnosis and prevention of viral hepatitis- Hepatitis A & E
Day 139	II Internal Assesment Theory - PH		Lunch	Practicals (Small Group Teaching) (Batches C,A,B) PA / PH / MI : Revision		
Day 140	II Internal Assesment Theory - PA		Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA / PH / MI : Revision		
Day 141	II Internal Assesment Theory - MI		Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA / PH / MI : Revision		
Day 142	II Internal Assesment Practicals					
Day 143	II Internal Assesment Practicals					
Day 144	II Internal Assesment Practicals					
Day 145	II Internal Assesment Practicals					
Day 146	II Internal Assesment Practicals					

Day 147	MI 3.1, 3.2 (Lecture) Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents - Amoebic Liver Abscess, Hydatid Disease (Echinococcosis)	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA 28.1 & 28.2 Describe the normal histology of the kidney. Define, classify and distinguish the clinical syndromes and describe the etiology, pathogenesis, pathology, morphology, clinical and laboratory and urinary findings, complications of renal failure - Nephrotic syndrome	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.1 Urine analysis- Physical examination MI3.7, MI3.8- Laboratory diagnosis of Hepatic infections- Hep B , Hep C, (ICT & elisa test) Hydatid cyst PH3.7 Prepare a list of essential medicines for a healthcare facility	
Day 148	OG29. 1Describe and discuss the etiology; pathology; clinical features; differential diagnosis; investigations; principles of management, complications of fibroid uterus	Clinical Posting	Lunch	Lecture - PA: 28.5 Define and classify glomerular diseases. Enumerate and describe the etiology, pathogenesis, mechanisms of glomerular injury, pathology, distinguishing features and clinical manifestations of glomerulonephritis	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.1 Urine analysis- Physical examination MI3.7, MI3.8- Laboratory diagnosis of Hepatic infections- Hep B , Hep C, (ICT & elisa test) Hydatid cyst PH3.7 Prepare a list of essential medicines for a healthcare facility	
Day 149	GS: SU4.1 Describe Pathophysiology of Burns	Clinical Posting	Lunch	Tutorials (Small Group Teaching) - PA: 28.8, 28.10 Enumerate and classify diseases affecting the tubular interstitium. Describe the etiology, pathogenesis, pathology, laboratory findings, distinguishing features progression and complications of acute and chronic pyelonephritis and reflux nephropathy.	Practicals (Small Group Teaching) (Batches C, A, B) PA 23.1 Urine analysis- Physical examination MI3.7, MI3.8- Laboratory diagnosis of Hepatic infections- Hep B , Hep C, (ICT & elisa test) Hydatid cyst PH3.7 Prepare a list of essential medicines for a healthcare facility	
Day 150	IM: IM1.8, 1.19, 1.23, 1.24,1.25 Atrial fibrillation. Describe the findings of heart failure with the following conditions including: 2D, echo, brain natriuretic peptide, exercise testing, nuclear medicine testing and coronary angiogram. Non pharmacologic management of heart failure Drug management of heart failure including diuretics, ACE inhibitors, Beta blockers, aldosterone antagonists and cardiac glycosides. Enumerate the indications for valvuloplasty, valvotomy, coronary revascularization and cardiac transplantation	Clinical Posting	Lunch	AETCOM Module 2.6- Bioethics (2 hrs) (Small Group Teaching)		SDL AETCOM Module 2.6- Bioethics (1Hr)

Day 151	FM: 2.11 - 2.12 (Small Group Teaching) Describe and discuss autopsy procedures including post-mortem examination, different types of autopsies, aims and objectives of post-mortem, examinationDescribe the legal requirements to conduct post-mortem examination and procedures to conduct medico-legal post-mortem examination.	Clinical Posting			Lunch	Lecture - CM 7.7 - Describe and demonstrate the steps in the Investigation of an epidemic of communicable disease and describe the principles of control measures	FM: 2.13-2.14 (Small Group Teaching) Describe and discuss obscure autopsy, Describe and discuss examination of clothing, preservation of viscera, post-mortem artefacts.	Sports
Day 152	MI 7.1,7.3 (Lecture) Describe the etio-pathogenesis and discuss the laboratory diagnosis of infections of genitourinary system - UTI- Enterobacteriaceae, Enterococcus, CONS	Tutorials (Small Group Teaching) - PA : 28.4, PA:28.13 Define and describe the etiology, precipitating factors, pathogenesis, pathology, laboratory urinary findings progression and complications of chronic renal failure.(CGN). Renal stone disease and obstructive uropathy.	**Horizontal Integration: MI 7.2 (Lecture) Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures - Syphilis, LymphogranulomaVenerum, Granuloma Inguinale, Soft Chancre and Genital Herpes**	**Horizontal Integration: Lecture PH: 1.48: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV: Antiviral drugs**	Lunch	Tutorials (Small Group Teaching) - PA : 28.6, 28.7: Define and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, progression and complications of IgA nephropathy. Enumerate and describe the findings in glomerular manifestations of systemic disease.	**Seminar (Small group teaching) PH: Treatment of electrolyte imbalances and acid base disorders**	
Day 153	Tutorials (Small Group Teaching) PA: 28.11- Define classify and describe the etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features progression and complications of vascular disease of the kidney.	Clinical Posting:			Lunch	Lecture PH1.24 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics-vasopressin and analogues" Diuretics, Antidiuretics- 1	Practicals (Batches A, B, C) PA 23.1 Urine analysis- Urinary crystals - Calcium oxalate crystals, Triple phosphate crystals - OSPE MI7.1, MI7.2- Laboratory diagnosis of Urinary tract infections Proteus, E.coli PH3.2 critical appraisal (audit) of a given prescription" - based on Renal & Chemo	
Day 154	OG: Internal Assesment - I	Clinical Posting			Lunch	Lecture PA : 28.12. Define classify and describe the genetics, inheritance, etiology, pathogenesis, pathology, laboratory, urinary findings, distinguishing features, progression and complications of cystic disease of the kidney	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.1 Urine analysis- Urinary crystals - Calcium oxalate crystals, Triple phosphate crystals - OSPE MI7.1, MI7.2- Laboratory diagnosis of Urinary tract infections Proteus, E.coli PH3.2 critical appraisal (audit) of a given prescription" - based on Renal & Chemo	
Day 155	GS: Internal Assesment - I	Clinical Posting			Lunch	Lecture PH1.24 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs affecting renal systems including diuretics, antidiuretics-vasopressin and analogues" Diuretics, Antidiuretics- 2	Practicals (Small Group Teaching) (Batches C,A, B) PA 23.1 Urine analysis- Urinary crystals - Calcium oxalate crystals, Triple phosphate crystals - OSPE MI7.1, MI7.2- Laboratory diagnosis of Urinary tract infections Proteus, E.coli PH3.2 critical appraisal (audit) of a given prescription" - based on Renal & Chemo	

Day 156	IM: Internal Assesment - I	Clinical Posting	Lunch	Lecture - PA : 28.14 Classify and describe the etiology, genetics, pathogenesis, pathology, presenting features, progression and spread of renal tumors	AETCOM Module 2.6- Bioethics (1 hrs) (Small Group Teaching)	SDL AETCOM Module 2.6- Bioethics (1Hr)
Day 157	(Lecture) FM: 2.15-2.18 Describe special protocols for conduction of medico-legal autopsies in cases of death in custody, Describe and discuss examination of mutilated bodies or fragments, charred bones and bundle of bones, Describe and discuss exhumation, Describe and discuss crime scene investigation	Clinical Posting	Lunch	Small Group Discussion - CM 7.6 - Enumerate and evaluate the screening tests	Lecture - CM 11.3 - Enumerate and describe specific occupational health hazards, risk factors and preventive measures CM 11.4 - Describe the principles of ergonomics in health preservation CM 11.1 - Enumerate and describe the presenting features of patients with occupational illness	PA: 28.15 SDL Describe the etiology, genetics, pathogenesis, pathology, presenting features and progression of thrombotic angiopathies.
Day 158	FEEDBACK & PTM		Lunch	MI 7.2 (Lecture) Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures - Gonorrhea and Non-gonococcal Urethritis (Chlamydia trachomatis and Others)	Lecture - PA :28.16 Describe the etiology, genetics, pathogenesis, pathology, presenting features and progression of urothelial tumors.	OG : Formative Assessment, Feedback & Reflections
Day 159	OG27.1 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of sexually transmitted infections	Clinical Posting	Lunch	PH 1.25-1.33 & 1.35: Formative Assessment of CVS, RS, Feedback & Reflections	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.3 Gross &Micro - RCC, RFT, Semen analysis - Chart MI7.3-Laboratory diagnosis of Genitourinary and Sexually transmitted diseases (Urethritis, Genital ulcers) - Syphilis RPR/VDRL PH 3.8, 5.1, 5.2 Effective Doctor Patient Communication - 1	
Day 160	GS: SU5.3 Differentiate the various types ofwounds, plan and observe management of wounds	Clinical Posting	Lunch	Lecture PH1.37 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as sex hormones, their analogues and anterior Pituitary hormones" Anterior Pit Hormones	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.3 Gross &Micro - RCC, RFT, Semen analysis - Chart MI7.3-Laboratory diagnosis of Genitourinary and Sexually transmitted diseases (Urethritis, Genital ulcers) - Syphilis RPR/VDRL PH 3.8, 5.1, 5.2 Effective Doctor Patient Communication - 1	

Day 161	IM:ISCHEMIC HEART DISEASE IM2.1 - 2.4, 2.18 Atherosclerosis and ischemic heart disease. Discuss and describe the risk factors, lipid cycle and the role of dyslipidemia in the pathogenesis of atherosclerosis. Discuss and describe the pathogenesis natural history, evolution and complications of atherosclerosis and IHD. Discuss and describe the indications, formulations, doses, side effects and monitoring for drugs used in the management of dyslipidemia	Clinical Posting			Lunch	PA: Formative Assessment of GIT & Renal system, Feedback & Reflections	Practicals (Small Group Teaching) (Batches B, C, A) PA 23.3 Gross &Micro - RCC,RFT, Semen analysis - Chart MI7.3-Laboratory diagnosis of Genitourinary and Sexually transmitted diseases (Urethritis, Genital ulcers) - Syphilis RPR/VDRL PH 3.8, 5.1, 5.2 Effective Doctor Patient Communication - 1	
Day 162	(Lecture) FM: 2.20 Mechanical asphyxia: Define, classify and describe asphyxia and medico-legal interpretation of post-mortem findings in asphyxial deaths.	Clinical Posting			Lunch	Lecture - CM 11.1 - Enumerate and describe the presenting features of patients with occupational illness (Lead Poisoning, Occupational Cancer, Agricultural Workers, Industrial Accidents, Sickness Absenteeism, Health problems due to Industrialization)	Small Group Discussion - CM 11.1 - Enumerate and describe the presenting features of patients with occupational illness (Lead Poisoning, Occupational Cancer, Agricultural Workers, Industrial Accidents, Sickness Absenteeism, Health problems due to Industrialization)	GS: : Formative Assessment, Feedback & Reflections
Day 163	Lecture - PA: 29.2 Describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the penis. Define Cryptorchidism and describe the pathogenesis, morphology and clinical significance of Cryptorchidism	MI: Formative Assessment- 7.1 - Genito urinary module feedback & Reflection	Lecture - PA: 29.3, 29.4, 29.5 Benign prostatic hyperplasia Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, diagnostic tests, progression and spread of carcinoma of the prostate. Describe the etiology, pathogenesis, pathology and progression of prostatitis	Lecture PH1.40 "Describe mechanism of action, types, doses, side effects, indications and contraindications of 1. Drugs used in the treatment of infertility, and 2. Drugs used in erectile dysfunction" Androgens and drugs for infertility	Lunch	Research	Seminar (Small Group Teaching)- MI 3.1, 3.2- Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents- Viral Gastroenteritis: Rotaviruses and Others	FM: SDL Identification: Miscellaneous Methods of Identification
Day 164	MI 8.3 (Lecture) Describe the role of oncogenic viruses in the evolution of virus associated malignancy - Oncogenic viruses (H uman Papilloma Virus, Kaposi Sarcoma, HTLV and HIV, Epstein-Barr Virus,Hepatitis B and C, and Others)	Clinical Posting			Lunch	Lecture - PA: 29.1 Classify testicular tumors and describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and spread of testicular tumors	Practicals (Small Group Teaching) (Batches A, B, C) PA 8.3 Pap smear - Superficial cell, Intermediate cell, Endocervical cell, Dysplastic cell, Candidiasis(OSPE) MI 1.2 Gram stain -revision-record & log book correction PH 1.8 Drug Interactions 1	

Day 165	OG 27.4 Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of Pelvic Inflammatory Disease	Clinical Posting	Lunch	Lecture - PA: 30.1 & 30.6 Describe the etiology and morphologic features of cervicitis Describe the epidemiology, pathogenesis, etiology, pathology, screening, diagnosis and progression of carcinoma of the cervix	Practicals (Small Group Teaching) (Batches A, B, C) PA 8.3 Pap smear - Superficial cell, Intermediate cell, Endocervical cell, Dysplastic cell, Candidiasis(OSPE) MI 1.2 Gram stain -revision-record & log book correction PH 1.8 Drug Interactions 1	
Day 166	GS: SU6.1 Define and describe the aetiology and pathogenesis of surgical Infections	Clinical Posting	Lunch	Lecture - PA: 30.7 & 30.9 Describe the etiology, hormonal dependence, features and morphology of endometriosis Describe the etiology, hormonal dependence and morphology of endometrial hyperplasia	Practicals (Small Group Teaching) (Batches A, B, C) PA 8.3 Pap smear - Superficial cell, Intermediate cell, Endocervical cell, Dysplastic cell, Candidiasis(OSPE) MI 1.2 Gram stain -revision-record & log book correction PH 1.8 Drug Interactions 1	
Day 167	IM:ACUTE CORONARY SYNDROME IM2.5, 2.20, 2.15 - 2.19, 2.20, Acute coronary syndromes - Medications used in patients with an acute coronary syndrome based on the clinical presentation. Discuss and describe the indications for admission to a coronary care unit and supportive therapy for a patient with acute coronary syndrome & acute thrombolysis, PTCA and CABG. Discuss and describe the indications and methods of cardiac rehabilitation. Recognition and management of complications of acute coronary syndromes	Clinical Posting	Lunch	Lecture PH1.37 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used as sex hormones, their analogues and anterior Pituitary hormones" Estrogens and Progesterone	AETCOM Module 2.7- Bioethics (1 hr) (Small Group Teaching)	SDL AETCOM Module 2.7- Bioethics (1Hr)
Day 168	(Small Group Teaching) FM: 2.11 - 2.12 Autopsy Video Demo	Clinical Posting	Lunch	Small Group Discussion - CM 11.5 - Describe occupational disorders of health professionals and their prevention & management	Small Group Discussion - CM 11.2 - Describe the role, benefits and functioning of the employees state insurance scheme	SDL MI- 3.1,3.2, Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents- oppurtunistic /Coccidian Parasitic Infections
Day 169	Vertical Integration: STDs MI(1.16)List the agents causing infections of the male and female reproductory tract and explain the laboratory diagnosis , OG, IM, PH (PH1.48 "Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV")		Lunch	Lecture PH1.39 "Describe mechanism of action, types, doses, side effects, indications and contraindications the drugs used for contraception" Hormonal contraception	Lecture - PA: 30.2 Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the endometrium	IM : Formative Assessment, Feedback & Reflections

Day 170	Tutorials (Small Group Teaching) PA: MGT & FGT revision	Clinical Posting	Lunch	Seminar (Small Group Teaching) - PA: 30.3 - Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the leiomyomas and leiomyosarcomas.	Practicals (Small Group Teaching) (Batches A,B, C) PA 30.4 Gross & Micro of Serous Cystadenoma, Mucinous Cystadenoma, Teratoma MI 1.2 AFB stain -revison PH 5.3. 5,5, 5.6 Effective Doctor Patient Communication 2
Day 171	OG 12.5 Describe the clinical features, detection, effect of pregnancy on the disease and impact of the disease on pregnancy complications and management of urinary tract infections in pregnancy	Clinical Posting	Lunch	Lecture - PA: 30.4 Classify and describe the etiology, pathogenesis, pathology,morphology, clinical course, spread and complications of ovarian tumors	Practicals (Small Group Teaching) (Batches A,B, C) PA 30.4 Gross & Micro of Serous Cystadenoma, Mucinous Cystadenoma, Teratoma MI 1.2 AFB stain -revison PH 5.3. 5,5, 5.6 Effective Doctor Patient Communication 2
Day 172	IM:VIRAL EXANTHEMATOUS FEVERIM4.3 Discuss and describe the common causes, pathophysiology manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g.Dengue, Chikungunya, Typhus) IM25.1 Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus) IM25.2 Discuss and describe the common causes, pathophysiology and manifestations of these diseases IM25.8 Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Lecture - PA: 30.5 Describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of gestational trophoblastic neoplasms	Practicals (Small Group Teaching) (Batches A,B, C) PA 30.4 Gross & Micro of Serous Cystadenoma, Mucinous Cystadenoma, Teratoma MI 1.2 AFB stain -revison PH 5.3. 5,5, 5.6 Effective Doctor Patient Communication 2

Day 173	(Small Group Teaching) : FM 2.21 Mechanical asphyxia: Describe and discuss different types of hanging and strangulation including clinical findings, causes of death, post-mortem findings and medico-lega aspects of death due to hanging and strangulation including examination, preservation and dispatch of ligature material.	Clinical Posting			Lunch	Small Group Discussion - CM 2.4 - Describe social psychology, community behaviour (Concepts in sociology, psychology, emotions, personality, types of learning, intelligence quotient) and community relationship and their impact on health and disease	(Lecture) FM: 2.22 Mechanical asphyxia: Describe and discuss patho-physiology, clinical features, post-mortem findings and medico-legal aspects of traumatic asphyxia, obstruction of nose & mouth, suffocation and sexual asphyxia.	PH: SDL - Drug Induced Renal Disorders
Day 174	Lecture PH1.39 "Describe mechanism of action, types, doses, side effects, indications and contraindications the drugs used for contraception" - Drugs acting on the Uterus	Lecture - PA: 31.1, 31.4 Classify and describe the types, etiology, pathogenesis, pathology and hormonal dependency of benign breast diseases. Enumerate and describe the etiology, hormonal dependency and pathogenesis of gynecomastia	Lecture - PA: 31.2 Classify and describe the epidemiology, pathogenesis, classification, morphology, prognostic factors, hormonal dependency, staging and spread of carcinoma of the breast	Lecture PH1. 52,1.51, 1.53 Describe heavy metal poisoning and chelating agents Chelating agents & Management of Poisoning	Lunch	MI 1.1 (Lecture) Describe the different causative agents of Infectious diseases, the methods used in their detection, and discuss the role of microbes in health and disease - Congenital Infections (Cytomegalovirus Infections, Congenital Varicella, Neonatal Herpes, CongenitalRubella, Congenital Toxoplasmosis, Congenital Syphilis, Zika Virus Infections)	Seminar (Small group teaching) - MI 8.1- Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course, laboratory diagnosis and prevention- Zoonotic Infections: Plague, Tularaemia and Bite Wound Infections	FM: SDL Clinical autopsy, Verbal autopsy/ Psychological autopsy, Virtual Autopsy
Day 175	**Horizontal Integration: Lecture PA: 32.1 -32.3 "Enumerate, classify and describe the etiology, pathogenesis, pathology and iodine dependency of thyroid swellings Describe the etiology, cause, iodine dependency, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/ hypothyroidism"**	Clinical Posting			Lunch	**Horizontal Integration: Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders Thyroid and Antithyroid drugs**	Practicals (Small Group Teaching) (Batches A, B, C) PA 31.3 - Gross & Micro - Carcinoma breast MI 1.2 Applied Bacteriology/ Parasitiology revision PH 1.8 Drug Interactions 2	
Day 176	OG: Internal Assesment - II	Clinical Posting			Lunch	PA: Formative Assessment of FGT & MGT module, feedback & Reflection	Practicals (Small Group Teaching) (Batches A, B, C) PA 31.3 - Gross & Micro - Carcinoma breast MI 1.2 Applied Bacteriology/ Parasitiology revision PH 1.8 Drug Interactions 2	

Day 177	GS: Internal Assesment - II	Clinical Posting			Lunch	Lecture - PA: 32.3 " Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/ hypothyroidism"	Practicals (Small Group Teaching) (Batches A, B, C) PA 31.3 - Gross & Micro - Carcinoma breast MI 1.2 Applied Bacteriology/ Parasitiology revision PH 1.8 Drug Interactions 2	
Day 178	IM: Internal Assesment - II	Clinical Posting			Lunch	AETCOM Module 2.7- Bioethics (1 hr) (Small Group Teaching)		SDL AETCOM Module 2.7- Bioethics (1Hr)
Day 179	FM: 2.23 (Small Group Teaching) Mechanical asphyxia: Describe and discuss types, patho-physiology, clinical features, post-mortem findings and medico-legal aspects of drowning, diatom test and gettler test.	Clinical Posting			Lunch	Lecture - CM 2.4 - Describe social psychology, community behaviour (Concepts in sociology, psychology, emotions, personality, types of learning, intelligence quotient) and community relationship and their impact on health and disease	Small Group Discussion - CM 2.2 - Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status	PA: 30.8 - SDL - Describe the etiology and morphologic features of adenomyosis
Day 180	**Horizontal Integration: Lecture - PA: 32.4"Classify and describe the epidemiology, etiology, pathogenesis, pathology, clinical laboratory features, complications and progression of diabetes mellitus"**	**Horizontal Integration: Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis)" Insulin**	Lecture PA: 32.9. Describe the etiology, pathogenesis, manifestations, laboratory and morphologic features of adrenal neoplasms", MEN	**Horizontal Integration: Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus)" Oral Hypoglycemics**	Lunch	Research	MI:Formative Assessment Miscellaneous & hospital Acquired Infections - feedback & Reflection	SDL:7.2 -Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures -Bacterial Vaginosis, Vaginal Candidiasis
Day 181	**Horizontal Integration: PA: 32.7, 32.8 Seminar (Small Group Teaching) - Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of adrenal insufficiency Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of Cushing's syndrome**	Clinical Posting			Lunch	**Horizontal Integration: Lecture PH1.38 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of corticosteroids" Corticosteroids**	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI - Spotters Revision+ Applied Serology /Mycology revision PH 3.1 Prescription writing based on Endocrinology, GIT	

Day 182	OG28.1 Describe and discuss the common causes, pathogenesis, clinical features, differential diagnosis; investigations; principles of management of infertility – methods of tubal patency, ovulation induction, assisted reproductive techniques	Clinical Posting	Lunch	MI 4.2 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Staphylococcal Infections , Pseudomonas	Practicals (Small Group Teaching) (Batches B, C, A) PA Revision MI - Spotters Revision+ Applied Serology /Mycology revision PH 3.1 Prescription writing based on Endocrinology, GIT
Day 183	GS: SU12.2 Describe and discuss the methods ofestimation and replacement of the fluid and electrolyte requirements in the surgical patient	Clinical Posting	Lunch	PH : Formative Assessment , Feedback & Reflections	Practicals (Small Group Teaching) (Batches C, A, B) PA Revision MI - Spotters Revision+ Applied Serology /Mycology revision PH 3.1 Prescription writing based on Endocrinology, GIT
Day 184	IM:MENINGITIS IM25.3, 25.4, 25.8 Describe and discuss the pathophysiology and manifestations of these diseases. Elicit document and present a medical history that helps delineate the aetiology of these diseases that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel. Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Tutorials (Small Group Teaching) PA : Genitourinary system, FGT, MGT & Endocrine revision	Tutorials (Small Group Teaching) PH: Revision
Day 185	III Internal Assesment Theory - PH		Lunch	Practicals (Small Group Teaching) (Batches C,A,B) PA / PH / MI : Revision	
Day 186	III Internal Assesment Theory - PA		Lunch	Practicals (Small Group Teaching) (Batches B,C,A) PA / PH / MI : Revision	
Day 187	III Internal Assesment Theory - MI		Lunch	Practicals (Small Group Teaching) (Batches A,B,C) PA / PH / MI : Revision	
Day 188	III Internal Assesment Practicals				
Day 189	III Internal Assesment Practicals				
Day 190	III Internal Assesment Practicals				
Day 191	III Internal Assesment Practicals				
Day 192	III Internal Assesment Practicals				

Day 193	**Horizontal Integration: MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Leprosy (Mycobacterium leprae)**	Clinical Posting	Lunch	**Horizontal Integration: Seminar (Small Group Teaching) - PH1.46: Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antileprotic drugs- Antileprotics**	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.3,32.1 Thyroid function test charts, Gross: Nodular Goitre MI 4.3- Laboratory diagnosis of skin infections-I Bacterial: Furuncle, cellulitis, Surgical site infection- Staph, Burn wound infection- Pseudo PH3.2 Critical appraisal (audit) of a given prescription" - based on Endocrinology, GIT
Day 194	OG 12.3 Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of diabetes in pregnancy	Clinical Posting	Lunch	MI 4.1 (Lecture) Enumerate the microbial agents causing anaerobic infections. Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of anaerobic infections - Gas gangrene (Clostridium perfringens)	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.3,32.1 Thyroid function test charts, Gross: Nodular Goitre MI 4.3- Laboratory diagnosis of skin infections-I Bacterial: Furuncle, cellulitis, Surgical site infection- Staph, Burn wound infection- Pseudo PH3.2 Critical appraisal (audit) of a given prescription" - based on Endocrinology, GIT
Day 195	GS: SU12.3 Discuss the nutritional requirements ofsurgical patients, the methods of providing nutritional support and theircomplications	Clinical Posting	Lunch	Lecture PH1.57 Describe drugs used in skin disorders	Practicals (Small Group Teaching) (Batches A, B, C) PA 23.3,32.1 Thyroid function test charts, Gross: Nodular Goitre MI 4.3- Laboratory diagnosis of skin infections-I Bacterial: Furuncle, cellulitis, Surgical site infection- Staph, Burn wound infection- Pseudo PH3.2 Critical appraisal (audit) of a given prescription" - based on Endocrinology, GIT

Day 196	IM:URINARY TRACT INFECTION IM4.3, 25.2, 25.4 Discuss and describe the common causes, pathophysiology manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e. g.Dengue, Chikungunya, Typhus). Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Elicit document and present a medical history that helps delineate the aetiology of these diseases that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel.	Clinical Posting	Lunch	Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (2 hr) (Small Group Teaching		SDL Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (1 hr)
Day 197	(Small Group Teaching) FM: 8.1-8.3 Describe the history of Toxicology, Define the terms Toxicology, Forensic Toxicology, Clinical Toxicology and poison, Describe the various types of poisons, Toxicokinetics, Toxicodynamics and diagnosis of poisoning in living and dead.	Clinical Posting	Lunch	Lecture - CM 2.3 - Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior (Hospital sociology, COPRA)	Small Group Discussion - CM 2.5 - Describe poverty and social security measures and its relationship to health and disease	Sports

Day 198	MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Anthrax (Bacillus anthracis), Actinomycosis, Nocardiosis,	Lecture - PA: 34.1"Describe the risk factors pathogenesis, pathology and natural history of squamous cell carcinoma of the skin. Describe the risk factors pathogenesis, pathology and natural history of basal cell carcinoma of the skin Describe the distinguishing features between a nevus and melanoma. Describe the etiology, pathogenesis, risk factors morphology clinical features and metastases of melanoma"	Lecture - PA: 33.4"Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of Paget's disease of the bone"	Lecture PH1.36 "Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (osteoporosis)" Calcium, Vitamin D, Bisphophonates	Lunch	MI 4.2, 4.3- Seminar (Small Group Teaching) - Extrapulmonary Tuberculosis	Small Group Teaching (Tutorial) PH 1.43 Treatment of Diabetes Mellitus
Day 199	Lecture - PA: 33.1 Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis	Clinical Posting			Lunch	MI 4.2,4.3 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of bone & joint infections - Superficial Fungal Infections& Subcutaneous Fungal Infections	Practicals (Small Group Teaching) (Batches A, B, C) PA 32.1 Gross & Micro: Hashimoto thyroiditis, Papillary Carcinoma MI4.3- Laboratory diagnosis of skin infections-II (Fungal - dermatophytes) PH 1.8 Drug Interactions 3
Day 200	OG21.1 Describe and discuss the temporary and permanent methods of contraception, indications, technique and complications; selection of patients, side effects and failure rate including Ocs, male contraception, emergency contraception and IUCD	Clinical Posting			Lunch	Lecture - PA: 33.2 "Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of bone tumors"	Practicals (Small Group Teaching) (Batches A, B, C) PA 32.1 Gross & Micro: Hashimoto thyroiditis, Papillary Carcinoma MI4.3- Laboratory diagnosis of skin infections-II (Fungal - dermatophytes) PH 1.8 Drug Interactions 3
Day 201	MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Herpesviruses (Herpes Simplex, Varicella-zoster and HHV-6 and 7 Infection)	Clinical Posting			Lunch	MI 4.3 (Lecture) Describe the etio-pathogenesis of infections of skin and soft tissue and discuss the clinical course and the laboratory diagnosis - Poxviruses (Smallpox, Molluscumcontagiosum), Measles, Rubella, Parvo virus, Coxsackie viruses	Practicals (Small Group Teaching) (Batches A, B, C) PA 32.1 Gross & Micro: Hashimoto thyroiditis, Papillary Carcinoma MI4.3- Laboratory diagnosis of skin infections-II (Fungal - dermatophytes) PH 1.8 Drug Interactions 3

Day 202	FM: 8.4- 8.5 (Small Group Teaching) Describe the Laws in relations to poisons including NDPS Act, Medico-legal aspects of poisons, Describe Medico-legal autopsy in cases of poisoning including preservation and dispatch of viscera for chemical analysis	Clinical Posting	Lunch	CM - Formative Assessment, Feedback & Reflection - Epidemiology, Occupatinal Health, Sociology	Small Group Discussion - CM 6.1 - Formulate a research question for a study CM 6.2 - Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	PA: 32.5- SDL - Describe the etiology, genetics, pathogenesis, manifestations, laboratory and morphologic features of hyperparathyroidism
Day 203	FEEDBACK & PTM		Lunch	MI 5.1,5.3 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitis Acute Bacterial (Pyogenic) - Neisseria meningitidis, Streptococcus agalactiae, and Listeria	PA: Formative Assessment Endocrine, Bone & Soft tissue, Feedback & reflections	SDL - PH1.62 Describe and discuss antiseptics and disinfectants;
Day 204	**Horizontal Integration: Lecture - PA: 33.5 Classify and describe the etiology, immunology, pathogenesis, manifestations, radiologic and laboratory features, diagnostic criteria and complications of rheumatoid arthritis**	Clinical Posting	Lunch	**Horizontal Integration: PH1.16 (Lecture) "Describe mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act by modulating autacoids, including: drugs for gout, anti-rheumatic drugs**	Practicals (Small Group Teaching) (Batches A, B, C) PA 34.4, 35.3 Gross & Micro Squamous cell carcinoma, Micro of Basal cell carcinoma, CSF analysis (Meningitis) - Chart MI 5.3 Laboratory diagnosis of Meningitis (/Meninigococcal /Cryptococcal meningitis) PH 3.1 Prescription writing	
Day 205	OG32.1 Describe and discuss the physiology of menopause, symptoms, prevention, management and the role of hormone replacement therapy & OG 33.1 Classify, describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations and staging of cervical cancer	Clinical Posting	Lunch	Lecture PH1.18 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of general anaesthetics, and preanesthetic medications" General Anesthetics	Practicals (Small Group Teaching) (Batches A, B, C) PA 34.4, 35.3 Gross & Micro Squamous cell carcinoma, Micro of Basal cell carcinoma, CSF analysis (Meningitis) - Chart MI 5.3 Laboratory diagnosis of Meningitis (/Meninigococcal /Cryptococcal meningitis) PH 3.1 Prescription writing	
Day 206	GS: SU12.1 Enumerate the causes and consequences of malnutrition in the surgical patient	Clinical Posting	Lunch	PH: Endocrinology Formative Assessment, Feedback & reflections	Practicals (Small Group Teaching) (Batches A, B, C) PA 34.4, 35.3 Gross & Micro Squamous cell carcinoma, Micro of Basal cell carcinoma, CSF analysis (Meningitis) - Chart MI 5.3 Laboratory diagnosis of Meningitis (/Meninigococcal /Cryptococcal meningitis) PH 3.1 Prescription writing	

Day 207	IM:SYSTEMIC Fungal infections IM 25.2, 25.4 Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Elicit document and present a medical history that helps delineate the aetiology of these diseases that includes the evolution and pattern of symptoms, risk factors, exposure through occupation and travel	Clinical Posting			Lunch	Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (2 hr) (Small Group Teaching		SDL Aetcom module 2.8: What does it mean to be family member of a sick patient? AETCOM Module (1 hr)
Day 208	FM: 9.1 (Small Group Teaching) Describe General Principles and basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics (Inorganic Acids)	Clinical Posting			Lunch	Small Group Discussion - CM 6.2 - Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	FM: 9.2 (Small Group Teaching) Describe General Principles, basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Phosphorous, Non-Metallic irritants	SDL- CM 6.2 - Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data
Day 209	**Horizontal Integration: Lecture - PA: 33.3, 33.6 "Classify and describe the etiology, pathogenesis, manifestations , radiologic and morphologic features and complications and metastases of soft tissue tumors. Classify the diseases of peripheral nerves. Describe the characteristics , pathogenesis, morphological changes and clinical course of Guillain - Barre syndrome. Describe the characteristics , morphology, pathogenesis and clinical course of myasthaenia gravis**	**Horizontal Integration: MI 4.1 (Lecture) Enumerate the microbial agents causing anaerobic infections. Describe the etiopathogene sis, clinical course and discuss the laboratory diagnosis of anaerobic infections - Tetanus**	**Horizontal Integration: Lecture PH1.15 "Describe mechanism/s of action, types, doses, side effects, indications and contraindicatio ns of skeletal muscle relaxants"**	MI 5.1,5.3 (Lecture) Describe the etiopathogenesi s, clinical course and discuss the laboratory diagnosis of meningitis - Viral Meningitis and Myelitis: Poliomyelitis, Coxsackie virus Infections	Lunch	Research	**Seminar:(Small Group Teaching) PH1.61 Describe and discuss dietary supplements and nutraceuticals:(Small Group Teaching) - Vitamins and Minerals**	

Day 210	Lecture PH1.17 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of local anesthetics"	Clinical Posting	Lunch	MI 5.2 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis - Rabies,(L), Arboviral Encephalitis (Japanese Encephalitis)	Practicals (Small Group Teaching) (Batches A, B, C) PA :Skills lab - Lumbar puncture MI 8.5, 8.6,8.7,8.8- BMWM, Spill managment Device associated infection CLABSI- S aureus,- PH 3.1 Prescription based on CNS	
Day 211	OG9.4 Discuss the clinical features, laboratory investigations, ultrasonography, differential diagnosis, principles of management and follow up of gestational trophoblastic neoplasms	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (anti-epileptics drugs)" Anti Epilepics 1	Practicals (Small Group Teaching) (Batches B,C, A) PA :Skills lab - Lumbar puncture MI 8.5, 8.6,8.7,8.8- ,BMWM, Spill managment Device associated infection CLABSI- S aureus PH 3.1 Prescription based on CNS	
Day 212	GS SU9.2 Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (anti-epileptics drugs)" Anti Epilepics 2	Practicals (Small Group Teaching) (Batches C,A, B) PA :Skills lab - Lumbar puncture MI 8.5, 8.6,8.7,8.8- BMWM, Spill managment Device associated infection CLABSI- S aureus PH 3.1 Prescription based on CNS	
Day 213	IM:Enteric Fever/ Diarrhoeal diseases / Cholera IM 25.1, 25.2, 25.8 Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus). Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (including anxiolytics, sedatives & hypnotics)"	MI 5.2 (Lecture) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis - Slow Virus and Prion Disease,(	Sports

Day 214	FM: 9.3 (Small Group Teaching) Describe General Principles and basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Arsenic, Lead, Mercury, Iron, Thallium -1	Clinical Posting	Lunch	Small Group Discussion - CM 6.3 - Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	Small Group Discussion - CM 6.3 - Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	Sports
Day 215	OG34.2 Describe and discuss the etiology, pathology, classification, staging of ovarian cancer, clinical features, differential diagnosis, investigations, principal of management including staging laparotomy	Clinical Posting	Lunch	Lecture PA: 35.2 Classify and describe the etiology, genetics, pathogenesis, pathology, presentation sequelae and complications of CNS tumors	Practicals (Small Group Teaching) (Batches A, B, C) PA General Pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Biomedical waste management & Spill management PH3.2 Critical appraisal (audit) of a given prescription" - based on CNS	
Day 216	GS SU6.2 Enumerate Prophylactic and therapeutic antibiotics Plan appropriate management	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (drugs used for neurodegenerative disorders)" Anti parkinsonian Drugs	Practicals (Small Group Teaching) (Batches B,C, A) PA General Pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Biomedical waste management & Spill management PH3.2 Critical appraisal (audit) of a given prescription" - based on CNS	
Day 217	IM: Leptospirosis / Brucellosis and Plague IM 25.1, 25.2, 25.8 Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus). Discuss and describe the common causes, pathophysiology and manifestations of these diseases. Enumerate the indications for use of newer techniques in the diagnosis of these infections	Clinical Posting	Lunch	Lecture PH 1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS - Anti Psychotics 1	Practicals (Small Group Teaching) (Batches C,A, B) PA General Pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Biomedical waste management & Spill management PH3.2 Critical appraisal (audit) of a given prescription" - based on CNS	

Day 218	FM: 9.2 (Small Group Teaching) Describe General Principles and basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Iodine, Phosphorus, Barium	Clinical Posting	Lunch	Small Group Discussion - CM 6.4 - Enumerate, discuss and demonstrate the common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	Small Group Discussion - CM 6.4 - Enumerate, discuss and demonstrate the common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	SDL - PH - Enzymes in Therapy
Day 219	Meningitis: PA (35.1, 35.3), MI (1.8) Differentite Pyogenic and AsepticMeningitis.List the predisposing factors for meningitis. Describe the agents and laboratory diagnosis of Meningitis , IM 28 (Integration),PH1.43		Lunch	Research		Sports
Day 220	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindication s of the drugs which act on CNS - Anti Psychotics 2, Anti-manics	Clinical Posting	Lunch	Lecture - PA (PY 2.12): Video demonstration of ESR, Osmotic fragility and Hematocrit	Practicals (Small Group Teaching) (Batches A,B, C) PA Systemic pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Needle stick injury/ Device associated infection- CAUTI- E.coli PH CCR Revision	
Day 221	MI 5.1,5.3 (Lecture) Describe the etiopathogenesi s, clinical course and discuss the laboratory diagnosis of meningitis Toxoplasmosis	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (opioid agonists and antagonists)" Opioids 1	Practicals (Small Group Teaching) (Batches B, C, A) PA Systemic pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Needle stick injury/ Device associated infection- CAUTI- E.coli PH CCR Revision	
Day 222	Lecture - PA: 23.2 Describe abnormal findings in body fluids in various disease states"	Clinical Posting	Lunch	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs which act on CNS, (opioid agonists and antagonists)" Opioids 2	Practicals (Small Group Teaching) (Batches C, A,B) PA Systemic pathology Revision MI8.5, MI8.6, MI8.7, MI8.8- Hospital infection control- Needle stick injury/ Device associated infection- CAUTI- E.coli PH CCR Revision	
Day 223	Lecture PH1.19 "Describe the mechanism/s of action, types, doses, side effects, indications and contraindication s of the drugs which act on CNS, (antidepressant drugs)" Anti Depressants	Clinical Posting	Lunch	MI 5.1,5.3 (Small group Discussion) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitis- Neurocysticercosis, Free-living Amoeba Infections	PH: Chemo - 2 - Formative Assessment, Feedback & reflections	Sports

Day 224	FM: 9.2 (Small Group Teaching) Describe General Principles, basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Non-metallic poison and chemicals - chlorine. bromine. idodine, fluorine	Clinical Posting			Lunch	Lecture - CM 9.1 - Define and describe the principles of Demography, Demographic cycle, Vital statistics	Small Group Discussion - CM 9.2 - Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates CM 9.3 - Enumerate and describe the causes of declining sex ratio and its social and health implications	SDL - CM 9.2 - Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates
Day 225	Lecture PH1.22 Describe drugs of abuse (dependence, addiction, stimulants, depressants, psychedelics, drugs used for criminal offences) Cns stimulants and cognition enhancers	Lecture - PH1. 43: Treatment of Gram Positive Infections	Lecture - PA: Instruments	Lecture - PA: 8.3 Video demo of Cytology procedures (FNAC, Cytospin, LBC)	Lunch	MI 5.1,5.3 (Tutorials) Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitisFungal Infections: Cryptococcal Meningitis	Research	**SDL PH1.51: Describe occupational and environmental pesticides, food adulterants, pollutants and insect repellents-Environmental Toxicology**
Day 226	Tutorials (Small Group Teaching) MI: Revision- Overview of Gram positive bacteial Infections	Clinical Posting			Lunch	Lecture - PA: OSPE Charts 1	Practicals (Small Group Teaching) (Batches A, B, C) PA Hematology Revision MI 2.1 to 8.6- Applied Bacteriology Charts Revision PH Prescription Revision	
Day 227	MI: Formative Assesment - skin, bone infections, Feedback & reflections	Clinical Posting			Lunch	Tutorials (Small Group Teaching) PH: Revision: Case discussion - Diuretics & Drugs for CHF	Practicals (Small Group Teaching) (Batches B,C, A) PA Hematology Revision MI 2.1 to 8.6- Applied Bacteriology Charts Revision PH Prescription Revision	
Day 228	Lecture - PA: OSPE Charts 2	Clinical Posting			Lunch	Lecture PH: 1.63 Describe Drug Regulations, acts and other legal aspects Drug Regulations	Practicals (Small Group Teaching) (Batches C,A, B) PA Hematology Revision MI 2.1 to 8.6- Applied Bacteriology Charts Revision PH Prescription Revision	
Day 229	Tutorials (Small Group Teaching) MI: Revision- GIT module	Clinical Posting			Lunch	Lecture - : PA13.4 Principles of Automated hematology analyser	Lecture PH5.7 Demonstrate an understanding of the legal and ethical aspects of prescribing drugs	Sports
Day 230	FM: 9.3 Small Group Teaching) Describe General Principles, basic methodologies in treatment of poisoning: decontaminatio n, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Heavy metals - Lead, Manganese	Clinical Posting			Lunch	Small Group Discussion - CM 9.4 - Enumerate and describe the causes and consequences of population explosion and population dynamics of India. CM 9.6 - Describe the National Population Policy	Small Group Discussion - CM 9.5 - Describe the methods of population control CM 10.6 - Enumerate and describe various family planning methods, their advantages and shortcomings	Sports
Day 231	**Horizontal Integration: Lecture MI: Revision- Overview of Gram negative bacteial Infections**	**Horizontal Integration: Lecture PH1.43 Treatment of Gram Negative Infections**	Tutorials (Small Group Teaching)- PA: General pathology Revision	PA:Formative Assessment General Pathology module, Feedback & reflections	Lunch	Tutorials (Small Group Teaching) - PH:1.64 - Good Clinical Practice	Lecture MI: Revision-RS, Urinary Module & Hospital Acquired Infections	Sports

Day 232	Lecture PA : Approach to the diagnosis of Hemolytic disease of fetus and new born	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PH: Revision: Case discussion - Anticoagulants	Practicals (Small Group Teaching) (Batches A, B, C) PA Gross Specimen Revision MI 2.1 to 8.6- Applied Parasitology -Charts Revision PH Prescription Revision	
Day 233	Tutorials (Small Group Teaching) MI: Revision- General Mcirobiology/ Practical Exam Orientation	Clinical Posting			Lunch	Lecture PH1.54 - Describe vaccines and their uses	Practicals (Small Group Teaching) (Batches B,C, A) PA Gross Specimen Revision MI 2.1 to 8.6- Applied Parasitology -Charts Revision PH Prescription Revision	
Day 234	PH: Formative Assessment, Feedback & reflections	Clinical Posting			Lunch	Lecture- PA: RBCRevision	Practicals (Small Group Teaching) (Batches C,A, B) PA Gross Specimen Revision MI 2.1 to 8.6- Applied Parasitology -Charts Revision PH Prescription Revision	
Day 235	Lecture- PA: WBC Revision	Clinical Posting			Lunch	Tutorials (Small Group Teaching) MI: Revision- Immunology	Tutorials (Small Group Teaching) PH1.56 Describe and discuss National Health Programmes	
Day 236	Tutorials (Small Group Discussion) FM: Revision	Clinical Posting			Lunch	Small Group Discussion - CM 10.6 - Enumerate and describe various family planning methods, their advantages and shortcomings	Tutorials (Small Group Teaching) - PA: CVS, RS Revision	Research
Day 237	Tutorials (Small Group Teaching) - PH: Case Discussion: IHD	Tutorials (Small Group Teaching) MI: Revision- CVS module	Tutorials (Small Group Teaching) - PA: GIT Revision	Tutorials (Small Group Teaching) PH1.52 Describe management of common poisoning, insecticides, common sting and bites	Lunch	Research	Tutorials (Small Group Teaching) Biological Agents in Pharmacology	
Day 238	MI: Formative Assessment CNS infections, Feedback & reflections	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PH: Case discussion - Hypertension	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI 2.1 to 8.6- Spotters revision PH Prescription Revision	
Day 239	Tutorials (Small Group Teaching) - PA: Renal system Revision	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: 34.1, 33.3 Case Discussion - Squamous cell carcinoma, Basal cell carcinoma , Schwannoma	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI 2.1 to 8.6- Spotters revision PH Prescription Revision	
Day 240	Tutorials (Small Group Teaching) General Pharmacology Revision	Clinical Posting			Lunch	PA: Formative Assessment Hematology module, Feedback & reflections	Practicals (Small Group Teaching) (Batches A, B, C) PA Revision MI 2.1 to 8.6- Spotters revision PH Prescription Revision	
Day 241	Tutorials (Small Group Teaching) MI: Revision- GIT module	Clinical Posting			Lunch	Tutorials (Small Group Teaching) General Pharmacology Revision	Research	Sports
Day 242	FM: Formative Assessment, Feedback & reflections	Clinical Posting			Lunch	Small Group Discussion CM 9.7- Enumerate the sources of vital statistics including cenus, SRS, NFHS, NSSO etc	Tutorials (Small Group Teaching) General Pharmacology Revision	
Day 243	Tutorials (Small Group Teaching) General Pharmacology Revision	PH: Formative Assessment, Feedback & reflections	Tutorials (Small Group Teaching) MI: Revision- Respiratory Module	Tutorials (Small Group Teaching) MI: Revision- General Microbiology module	Lunch	Tutorials (Small Group Teaching) - PA: FGT, MGT & Breast Revision	Research	Sports
Day 244	Tutorials (Small Group Teaching) MI: Revision- immunology module	Clinical Posting			Lunch	Tutorials (Small Group Teaching) - PA: Endocrine, Bone & soft tissue & CNS Revision	Tutorials (Small Group Teaching) General Pharmacology Revision	Sports
	Model Exam							
	Study Holiday							
	University Exam							

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	
WEEK 1	Pandemic Module		Lunch	**INTEGRATION: EN 1.1 Describe the Anatomy & Physiology of external and middle ear, AN 40.1 Describe & identify the parts, blood supply and nerve supply of external ear AN 40.2 Describe the boundaries, contents, relations and functional anatomy of middle ear and auditory tube**	**LECTURE FM 2.24** Thermal deaths: Describe the clinical features, post-mortem finding and medicolegal aspects of injuries due to physical agents like heat (heat-hyper-pyrexia, heat stroke, sun stroke, heat exhaustion/prostration, heat cramps [miner's cramp])	
WEEK 1	**LECTURE PS3.2** Enumerate, describe and discuss important signs & symptoms of common mental disorders	Clinical Posting	Lunch	**Integrated teaching AN 41.1 - Describe and demonstrate parts and layers of eye ball. Describe the Embryology of Eye.**	**Lecture OP 1.1, PY 10.17 - Describe the physiology of vision. Discuss on phototransduction, processing and transmission of visual impulse and visual percetion. Discuss on colour vision and colour blindness.**	
WEEK 1	**LECTURE OG2.1** Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology. **[FM3.18]** Describe anatomy of male and female genitalia, hymen and its types. Discuss the medico-legal importance of hymen. Define virginity, defloration, legitimacy and its medicolegal importance	Clinical Posting	Lunch	**Lecture - CM 8.2** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases - **Diabetes Mellitus CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Respiratory Infections CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	SDL IM1.1 Describe and discuss the epidemiology, pathogenesis clinical evolution and course of common causes of heart disease including: rheumatic/ valvular, ischemic, hypertrophic inflammatory IM1.2 Describe and discuss the genetic basis of some forms of heart failure IM1.3 Describe and discuss the aetiology microbiology pathogenies and clinical evolution of rheumatic fever, criteria, degree of rheumatic activity and rheumatic valvular heart disease and its complications including infective endocarditis IM1.4 Stage heart failure
WEEK 1	**LECTURE SU15.1** Describe classification of hospital waste and appropriate methods of disposal.	Clinical Posting	Lunch	**LECTURE FM 2.24** Thermal deaths: Describe the clinical features, post-mortem finding and medicolegal aspects of injuries due to physical agents like cold (systemic and localized hypothermia, frostbite, trench foot, immersion foot)	**LECTURE FM 2.25** Describe types of injuries, clinical features, patho-physiology, postmortem findings and medico-legal aspects in cases of burns, scalds, lightening, electrocution and radiations	**SDL OPHTHAL PY 10.18 Physiological basis of lesion in visual pathway. AN 30.5 Explain effect of pituitary tumours on visual pathway.**
WEEK 1	**LECTURE PE 1.1, 1.2, 1.3 , 1.5, 1.6, 3.2** Growth and development and factors affecting it. Growth chart Define development and discuss the normal developmental mile stones with respect to motor, behaviour, social, adaptive and language Developmental assessment	Clinical Posting	Lunch	**SEMINAR OG4.1** Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development, anatomy and physiology of placenta, and teratogenesis	**SEMINAR OG [AN77.3]** Describe spermatogenesis and oogenesis along with diagrams. **[AN80.3]** Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier	
WEEK 1	**LECTURE 1 OR1.1** Describe and discuss the Principles of pre-hospital care and Casualty management of a trauma victim including principles of Triage	Clinical Posting	Lunch	**SEMINAR PE 2.4, 2.6** Short stature and approach to a case of short stature. Referral criteria for growth related problems	**SEMINAR CONTD...**	

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 2	LECTURE IM10.3- Describe the pathophysiology and causes of pre renal ARF, renal and post renal ARF IM10.15 - Describe the appropriate diagnostic work up based on the presumed aetiology IM10.16 - Enumerate the indications for and interpret the results of : renal function tests, calcium, phosphorus, PTH, urine electrolytes, osmolality, Anion gap IM10.19 - Enumerate the indications and describe the findings in renal ultrasound	Clinical Posting	Lunch	**INTEGRATION(ENT, Physiology): EN 1.1 Describe the Anatomy & Physiology of inner ear, AN 40.3 Describe the anatomy of internal ear EN 1.1 Describe and discuss functional anatomy of ear and auditory pathways PY10.15 Describe the physiology of hearing**	**INTEGRATION :EN 1.1 Describe the Anatomy & Physiology of inner ear, AN 40.3 Describe the anatomy of internal ear EN 1.1 Describe and discuss functional anatomy of ear and auditory pathways PY10.15 Describe the physiology of hearing**	Research
WEEK 2	**Lecture- DR 1.1** Enumerate the causative and risk factors of acne	Clinical Posting	Lunch	**Integrated teaching PY 10.18 Physiological basis of lesion in visual pathway. AN 30.5 Explain effect of pituitary tumours on visual pathway.**	**Integrated Teaching AN 31.3 Describe the anatomical basis of Horner's syndrome. PY 10.17 Discuss physiology of pupil and light reflex.**	Research
WEEK 2	**Tutorial OG3.1** Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis.	Clinical Posting	Lunch	**Lecture - CM 8.2** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases - **Hypertension CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Respiratory Infections CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**SDL SU13.1** Describe the immunological basis of organ transplantation
WEEK 2	**LECTURE SU 13.2** Discuss the Principles of immunosuppressive therapy.Enumerate Indications, describe surgical principles, management of organ transplantation	Clinical Posting	Lunch	**LECTURE FM 2.27, FM 2.28** Define and discuss infanticide, foeticide and stillbirth, Describe and discuss signs of intrauterine death, signs of live birth, viability of foetus, age determination of foetus	**SGT (TUTORIALS) FM 2.28** DOAP session of ossification centres, Hydrostatic test, Sudden Infants Death syndrome and Munchausen's syndrome by proxy.	**SDL FM 2.26** Describe and discuss clinical features, post-mortem findings and medico-legal aspects of death due to starvation and neglect
WEEK 2	LECTURE IM10.1 - Define, describe and differentiate between acute and chronic renal failure IM10.2 Classify, describe and differentiate the pathophysiologic causes of acute renal failure IM10.4 Describe the evolution, natural history and treatment of ARF IM10.25 Identify and describe the priorities in the management of ARF including diet, volume management, alteration in doses of drugs, monitoring and indications for dialysis	Clinical Posting	Lunch	SEMINAR IM 10.16: Enumerate the indications for and interpret the results of renal function tests, calcium, phosphorus, PTH, urine electrolytes, osmolality, Anion gap	SEMINAR IM 10.17: Describe and calculate indices of renal function based on available laboratories including FENa (Fractional Excretion of Sodium) and CrCl (Creatinine Clearance)	
WEEK 2	TUTORIALS RD 1.2Describe the evolution of Radiodiagnosis. Identify various radiological equipments in the current era	Clinical Posting	Lunch	**Lecture- DR 5.1** Describe the etiology, microbiology, pathogenesis, natural history, clinical features, presentations and complications of scabies in adults and children	**Lecture- DR 5.3** Enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies	

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm

WEEK 3	LECTURE IM10.5 Describe and discuss the aetiology of CRF IM10.6 Stage Chronic Kidney Disease IM10.9 Describe and discuss the pathophysiology of anemia and hyperparathyroidism in CKD IM10.10 Describe and discuss the association between CKD glycemia and hypertension	Clinical Posting	Lunch	**LECTURE: EN4.2 Describe the clinical features, choose the correct investigations and describe the principles of management of diseases of the external Ear**	**Integration - Lecture -** **CM 8.2** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases - **Cardiovascular Diseases and Stroke** **CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case **IM 2.1** Discuss and describe the epidemiology, antecedents and risk factors for atherosclerosis and ischemic heart disease	Research
WEEK 3	**LECTURE PS3.6** Describe and discuss biological, psychological & social factors & their interactions in the causation of mental disorders	Clinical Posting	Lunch	DOPS OP 1.3, PY 10.20 Demonstrate visual acuity assessment for distance vision, near vision, colour vision, field of vision, pin hole test, menace and blink reflexes in a simulated environment.	DOPS OP 1.3, PY 10.20 Demonstrate visual acuity assessment for distance vision, near vision, colour vision, field of vision, pin hole test, menace and blink reflexes in a simulated environment.	Research
WEEK 3	**LECTURE OG5.1** Describe, discuss and identify pre-existing medical disorders and discuss their management; discuss evidence-based intrapartum care **OG5.2** Determine maternal high risk factors and verify immunization status	Clinical Posting	Lunch	**Lecture -** **CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Intestinal Infections** **CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**Integration - Lecture - CM 8.2** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases - **Obesity,** **Rheumatic Heart Disease** **CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case **IM 14.4** Describe and discuss the impact of environmental factors including eating habits, food, work, environment and physical activity on the incidence of obesity	SDL OBG - **OG 1.1, 1.2** - Maternal mortality rate, Maternal mortality ratio, Infant mortality rate
WEEK 3	**LECTURE SU 17.3** Describe the Principles in management of mass casualties	Clinical Posting	Lunch	**SGT (TUTORIALS)** **Practical 14.6** Demonstrate and interpret medico-legal aspects from examination of hair (human & animal) fibre, semen & other biological fluids, fingerprint	**SGT (TUTORIALS) Practical 14.6** Demonstrate and interpret medico-legal aspects from examination of hair (human & animal) fibre, semen & other biological fluids, fingerprint	**SDL** **CM 8.2** Epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases
WEEK 3	**LECTURE PE 4.1,4.2, 4.3, 4.4, 4.5** Learning disability, autism and ADHD, role of CDC and referral criteria	Clinical Posting	Lunch	**VERTICAL INTEGRATION** **SU 14.1** Describe Aseptic techniques, sterilization and disinfection.	**SEMINAR SU 14.2** Describe Surgical approaches, incisions and the use of appropriate instruments in Surgery in general.	SPORTS
WEEK 3	**LECTURE 2 OR 2.1** Describe and discuss the mechanism of Injury, clinical features, investigations and plan management of fracture of clavicle	Clinical Posting	Lunch	Lecture AS 1.1 Describe the evolution of Anaesthesiology as a modern specialty AS 1.2 Describe the roles of Anaesthesiologist in the medical profession (including as a peri-operative physician, in the intensive care and high dependency units, in the management of acute and chronic pain, including labour analgesia, in the resuscitation of acutely ill.	Lecture AS 1.3 Enumerate and describe the principle of ethics as it relates to Anaesthesiology AS1.4 Describe the prospects of Anaesthesiology as a career .	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 4	TUTORIALS IM10.11 Describe and discuss the relationship between CAD risk factors and CKD and dialysis IM10.28 Describe and discuss supportive therapy in CKD including diet, anti hypertensives, glycemic therapy, dyslipidemia, anemia, hyperkalemia, hyperphosphatemia and secondary hyperparathyroidism IM10.27 Describe and discuss the indications for renal dialysis IM10.28 Describe and discuss the indications for renal replacement therapy	Clinical Posting	Lunch	**INTEGRATION: EN 4.12 Describe the clinical features, choose the correct investigations and describe the principles of management of Hearing loss . PY 10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests EN4.16 Observe and describe the indications for and steps involved in the performance of pure tone audiometry EN4.17 Enumerate the indications and interpret the results of an audiogram IM 24.17 Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of hearing loss in the elderly**	**INTEGRATION: EN 4.12 Describe the clinical features, choose the correct investigations and describe the principles of management of Hearing loss . PY 10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests EN4.16 Describe the indications for and steps involved in the performance of pure tone audiometry EN4.17 Enumerate the indications and interpret the results of an audiogram IM 24.17 Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of hearing loss in the elderly**	Research
WEEK 4	**CT1.2** Lecture - Describe and discuss the microbiology of tubercle bacillus, mode of transmission, pathogenesis, clinical evolution and natural history of pulmonary and extra pulmonary forms (including lymph node, bone and CNS)	Clinical Posting	Lunch	Lecture OP 1.2 Define and classify refractive errors. Describe optics, clinical features and treatment of refractive errors. OP 9.3 Describe the role of refractive error correction in a patient with headache and enumerate the indications for referral.	Lecture OP 1.4- Enumerate the types of refractive surgery. Describe the indications and the principle of refractive surgery.	Research

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 4	**LECTURE SU 17.4** Describe Pathophysiology, mechanism of head injuries. **SU17.5** Describe clinical features for neurological assesment and GCS in head injuries **SU 17.6** Chose appropriate investigations and discuss the principles of management of head injuries		Lunch	**AETCOM Module 3.1 - Session 1 - The foundations of communication - 3 - Introductory small group session** on the principles of communication with focus on dealing with emotions. Dr. Nisha	**AETCOM Module 3.1 - Session 2 - The foundations of communication - 3 - Focused small group session** with role play or video where students have an opportunity to observe, critique and discuss common mistakes when dealing with emotion. Dr.Nisha	SDL OPH OP 2.1 - Describe in detail anatomy of lacrimal apparatus. Discuss chief complaints, clinical features, stages, complication and treatment of dacryocystitis.
WEEK 4	**TUTORIAL PE 5.1-5.11** Pediatric behavior disorders Thumb sucking, temper tantrum, PICA, nail biting, fussy eaters, breath holding spell, enuresis, encopresis.	Clinical Posting	Lunch	**TUTORIAL/SEMINAR 1 OR 2.2** Describe and discuss the mechanism of Injury, clinical features, investigations and plan management of fractures of proximal Humerus **OR 2.4** Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of fracture of shaft of humerus and intercondylar fracture humerus with emphasis on neurovasular deficit	**TUTORIAL/SEMINAR 2 OR 2.4** Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of fracture of shaft of humerus and intercondylar fracture humerus with emphasis on neurovasular deficit.	SPORTS

WEEK 4	**LECTURE 3 OR 2.5** Describe and discuss the aetiopathogenesis, clinical features, mechanism of injury, investigation & principles of ma8nagement of Fractures of both bones forearm and Ga10eazzi and Monteggia injury	Clinical Posting	Lunch	**SEMINAR PS3.2** Enumerate, describe and discuss important signs & symptoms of common mental disorders	**LECTURE PS3.12** Describe, discuss and distinguish psychotic & non-psychotic group (Mood, Anxiety, Stress related) disorders	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 5	LECTURE - IM10.14 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology IM10.2 Classify, describe and differentiate the pathophysiologic causes of acute renal failure	Clinical Posting	Lunch	**INTEGRATION: EN4.5 Describe the clinical features, choose the correct investigations and describe the principles of management of OME EN4.3 Describe the clinical features, choose the correct investigations and describe the principles of management of ASOM PE28.4 Discuss the etio-pathogenesis, clinical features and management of Acute Otitis Media (AOM) AN40.4 Explain anatomical basis of otitis externa and otitis media**	**LECTURE FM 3.1** Define and describe Corpus Delicti, establishment of identity of living persons including race, Sex, religion, complexion, stature, age determination using morphology, teeth-eruption, decay, bite marks, bones-ossification centres, medico-legal aspects of age - 1	Research
WEEK 5	**LECTURE PS4.1** Describe the magnitude and etiology of alcohol and substance use disorders PS4.4 Describe the treatment of alcohol and substance abuse disorders including behavioural and pharmacologic therapy	Clinical Posting	Lunch	Lecture OP 2.1 Describe in detail anatomy of eyelid, inflamatory disorders of eyelids, eyelash disorders, anamolies in the position of lid margins and tumors of eye lids	Lecture OP 2.1 - Describe in detail anatomy of lacrimal apparatus. Discuss chief complaints, clinical features, stages, complication and treatment of dacryocystitis.	Research
WEEK 5	**LECTURE OG 7.1** Describe and discuss the changes in the genital tract, cardiovascular system, respiratory, haematology, renal and gastrointestinal system in pregnancy	Clinical Posting	Lunch	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Intestinal Infections CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**Lecture - CM 8.2** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases - **Cancer CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**SDL 1 ORTHO OR 1.2** Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of shock
WEEK 5	**LECTURE SU17.7** Describe the clinical features of soft tissue injuries. How to choose appropriate investigations and discuss the principles of management	Clinical Posting	Lunch	**LECTURE FM 3.1** Define and describe Corpus Delicti, establishment of identity of living persons including race, Sex, religion, complexion, stature, age determination using morphology, teeth-eruption, decay, bite marks, bones-ossification centres, medico-legal aspects of age - 2	**LECTURE FM 3.2** Describe and discuss identification of criminals, unknown persons, dead bodies from the remains-hairs, fibers, teeth, anthropometry, dactylography, foot prints, scars, tattoos, poroscopy and superimposition	SDL ENT EN1.1 Draw , label and describe structures of medial wall of middle ear and posterior wall of middle ear.
WEEK 5	**LECTURE PE 7.1-7.4, 7.6** Breast milk, composition, physiology of lactation, cultural belief and practices, advantages, BFHI	Clinical Posting	Lunch	**TUTORIAL OG1.1** Define and discuss birth rate, maternal mortality and morbidity **OG 1.2** Define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit **OG 1.3** Define and discuss still birth and abortion	**TUTORIAL OG [CM 10.4]** Describe the reproductive, maternal, newborn & child health (RMNCH); child survival and safe motherhood interventions **[FM 3.25]** Discuss the major results of the National Family Health Survey	
WEEK 5	**LECTURE 4 OR 2.6** Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of distal radius	Clinical Posting	Lunch	**SEMINAR PE 12.1, 12.2, 12.5, 13.7, 13.8, 13.10** Vitamin A deficiency, excess clinical features management and Blindness control program Iodine RDA, diet source, deficiency, IDD, management. Goitre control program	**SEMINAR CONTD...**	

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 6	TUTORIALS IM10.14 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology IM10.8 Classify, describe and discuss the significance of proteinuria in CKD	Clinical Posting	Lunch	**LECTURE: EN4.7 Describe the clinical features, choose the correct investigations and describe the principles of management of CSOM EN4.8 Describe the clinical features, choose the correct investigations and describe the principles of management of squamosal type of CSOM**	**LECTURE: EN4.8 Describe the complications of squamosal type of CSOM**	Research
WEEK 6	**Lecture- DR 6.1** Describe the etiology pathogenesis and diagnostic features of pediculosis in adults and children	Clinical Posting	Lunch	DOPS OP 2.2 Demonstrate symptoms and clinical signs of conditions affecting lids and adenexa	DOPS OP 2.3 Demonstrate under supervision clincal procedures performed in the lids including: bells phenomenon,assessment of entropion/ectropion, perform regurgitation test of lacrimal sac, massage technique in cong. dacrocystitis and trichiatic cilia removal by epilation	Research
WEEK 6	**Tutorial OG 8.1** Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation, screening for high-risk factors **OG 8.2** Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, comorbid conditions, past medical history and surgical history	Clinical Posting	Lunch	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Intestinal Infections CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**Lecture - CM 10.1** Describe the current status of Reproductive, maternal, newborn and Child Health	**SDL- DR** Identify types of Skin Lesions (Primary, Secondary & Special Skin Lesions
WEEK 6	**LECTURE SU 17.8** Describe the pathophysiology of chest injuries. **SU 17.9** Describe the clinical features and principles of management of chest injuries**. SU 17.10** Describe management of tension pneumothorax, hemothorax and flail chest	Clinical Posting	Lunch	**LECTURE FM 3.3,3.4** Mechanical injuries and wounds: Define, describe and classify different types of mechanical injuries, abrasion, bruise, laceration, stab wound, incised wound, chop wound, defense wound, self-inflicted/fabricated wounds and their medico-legal aspects. Define injury, assault & hurt. Describe IPC pertaining to injuries- 1	**LECTURE FM 3.3,3.4** Mechanical injuries and wounds: Define, describe and classify different types of mechanical injuries, abrasion, bruise, laceration, stab wound, incised wound, chop wound, defense wound, self-inflicted/fabricated wounds and their medico-legal aspects. Define injury, assault & hurt. Describe IPC pertaining to injuries - 2	SDL OPH OP 3.3- Describe the Aetiology, pathophysiology, clinical features, diffential diagnosis, complications and managemant of bacterial, viral conjunctivitis OP 3.4 Describe the aetiology, pathophysiology, diffential diagnosis, complication and management of Trachoma. Lecture OP 3.5 Describe the aetiology, pathophysiology, diffential diagnosis, complication and management of vernal catarrh.

WEEK 6	**TUTORIAL PE 8.1-8.3, 9.1-9.3** Complimentary feeding and IYFI , RDA for infants, children and young adults assessment of nutritional status and calorie value of common foods	Clinical Posting	Lunch	SEMINAR IM10.21: Describe and discuss the indications for and insert a peripheral intravenous catheter	SEMINAR IM10.22: Describe and discuss the indications, demonstrate in a model and assist in the insertion of a central venous or a dialysis catheter	SPORTS
WEEK 6	LECTURE RD 1.3 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder of ENT	Clinical Posting	Lunch	**Lecture- DR 7.1** Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of dermatophytes in adults and children	**Lecture- DR 7.3** Describe the pharmacology and action of antifungal (systemic and topical) agents. Enumerate side effects of antifungal therapy	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 7	LECTURE IM10.7 Describe and discuss the pathophysiology and clinical findings of Uraemia IM10.16 Enumerate the indications for and interpret the results of renal function tests, calcium, phosphorus, PTH, urine electrolytes, osmolality, Anion gap	Clinical Posting	Lunch	**SEMINAR: EN4.6 Document and present a correct history, demonstrate and describe the clinical features, choose the correct investigations and describe the principles of management of Discharging ear**	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Intestinal infections** **CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	Research
WEEK 7	**LECTURE PS4.6** Enumerate and describe the pharmacologic basis and side effects of drugs used in alcohol and substance abuse PS4.7 Enumerate the appropriate conditions for specialist referral in patients with alcohol and substance abuse disorders	Clinical Posting	Lunch	Lecture OP 2.1 2.4- Describe the aetiology, clinical presentation, complication and management of preseptal cellulitis, orbital cellulitis, cavernous sinus thrombosis. OP 2.6- Enumerate the causes, clinical presentation and mangement of proptosis.	Lecture OP 2.7, PA 36.1 -Classify various ocular tumors. Describe the symptoms, signs of presentation of various ocular tumours. OP 2.8 List the investigations and enumerate the indications for appropriate referral.	Research
WEEK 7	**LECTURE OG 8.3** Describe & document an obstetrical examination including a general and abdominal examination and clinical monitoring of maternal and fetal well-being;	Clinical Posting	Lunch	**Integration - Lecture - CM 10.1** Describe the current status of Reproductive, maternal, newborn and Child Health **OG 1.1** Define and discuss birth rate, maternal mortality and morbidity	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Arthropod - borne Diseases** **CM8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**PS1.2 SDL** Describe the components of communication
WEEK 7	**LECTURE SU 18.1** Describe the pathogenesis, clinical features and management of various cutaneous and subcutaneous infections.	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 14.1 (Practical)** Examine and prepare Medico-legal report of an injured person with different etiologies in a simulated/ supervised environment	**SGT (TUTORIALS) FM 14.1 (Practical)** Examine and prepare Medico-legal report of an injured person with different etiologies in a simulated/ supervised environment	**SDL FM 3.3** Medicolegal aspects of Injuries
WEEK 7	Lecture : AS 3.1 Describe the principles of preoperative evaluation SU 11.1 Describe principles of Preoperative assessment(General Surgery Integration)Integration PH 1.18 Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of general anaesthetics, and preanaesthetic medications (Pharmacology Integration)	Clinical Posting	Lunch	**HORIZONTAL INTEGRATION SU 14.3** Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	**HORIZONTAL INTEGRATION SU 14.3** Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	SPORTS
WEEK 7	**Integration PH 1.18 Describe the me**	Clinical Posting	Lunch	**CT1.15 Seminar**- current national TB guidelines	**CT1.15 Seminar** - directly observed tuberculosis therapy (DOTS)	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 8	TUTORIALS IM10.15 Describe the appropriate diagnostic work up based on the presumed aetiology IM10.19 Enumerate the indications and describe the findings in renal ultrasound	Clinical Posting	Lunch	**LECTURE: EN4.1 Describe the indications for and steps involved in myringotomy and myringoplasty EN4.11 Enumerate the indications describe the steps of mastoidectomy**	**LECTURE: EN4.13 Describe the clinical features, investigations principles and management of Otosclerosis**	Research
WEEK 8	**CT1.12 Lecture** - Enumerate the indications for TB tests including : serology, special cultures and polymerase chain reaction and sensitivity testing	Clinical Posting	Lunch	Lecture OP 3.3- Describe the Aetiology, pathophysiology, clinical features, diffential diagnosis, complications and managemant of bacterial, viral conjunctivitis.	Lecture OP 3.4 Describe the aetiology, pathophysiology, diffential diagnosis, complication and management of Trachoma. Lecture OP 3.5 Describe the aetiology, pathophysiology, diffential diagnosis, complication and management of vernal catarrh.	Research
WEEK 8	**Tutorial OG 14.1** Enumerate and discuss the diameters of maternal pelvis and types **OG 8.5** Describe pelvic assessment	Clinical Posting	Lunch	**Integration - Lecture - CM 10.1** Describe the current status of Reproductive, maternal, newborn and Child Health **OG 1.2** Define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit	**Integration - Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Arthropod - borne Diseases** **CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case **IM 4.3** Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue, Chikungunya)	SDL **CT2.15** Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology
WEEK 8	**LECTURE SU18.2** Classify skin tumors. Differentiate different skin tumors and discuss their management	Clinical Posting	Lunch	**AETCOM Module 3.1 - Session 3 - The foundations of communication - 3 Focused small group session** with role play or video where students have an opportunity to observe, critique and discuss common mistakes when dealing with emotion.	**AETCOM Module 3.1 - Session 4 -The foundations of communication - 3 - Skills lab sessions** where students can perform tasks on standardised or regular patients with opportunity for self critique, critique by patient and by facilitator.	**SDL CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - Arthropod - borne Diseases
WEEK 8	**TUTORIAL PE 10.1, 10.2,** Aetiology, clinical features management of Severe Acute Malnutrition (SAM) and Moderate Acute Malnutrition (MAM)	Clinical Posting	Lunch	LECTURE RD 1.4 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in Ch. &Gy	LECTUE RD 1.5 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in internal medicine	SPORTS
WEEK 8	**LECTURE 6 OR 2.8** Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of spine injuries with emphasis on mobilisation of the patient	Clinical Posting	Lunch	**SEMINAR PS4.1** Describe the magnitude and etiology of alcohol and substance use disorders PS4.4 Describe the treatment of alcohol and substance abuse disorders including behavioural and pharmacologic therapy	**LECTURE PS5.1** Classify and describe the magnitude and etiology of schizophrenia & other psychotic disorders **PS5.3** Describe the treatment of schizophrenia including behavioural and pharmacologic therapy	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm

WEEK 9	LECTURE IM15.10 Enumerate the indications for endoscopy, colonoscopy and other imaging procedures in the investigation of Upper GI bleeding	Clinical Posting		**LECTURE: EN4.1 Describe the clinical features, choose the correct investigations and describe the principles of management of Otalgia EN4.21 Describe the clinical features, principles, investigations and management of Tinnitus**	**LECTURE FM 3.5., 3.6** Describe accidental, suicidal and homicidal injuries. Describe simple, grievous and dangerous injuries. Describe ante-mortem and post-mortem injuries. Describe healing of injury and fracture of bones with its medico-legal importance.	Research
WEEK 9	**LECTURE PS5.5** Enumerate and describe the pharmacologic basis and side effects of drugs used in schizophrenia PS5.6 Enumerate the appropriate conditions for specialist referral in patients with psychotic disorders	Clinical Posting	Lunch	Lecture OP 3.6, 3.7 - Describe the aetiology, pathophysiology, ocular features,diffential diagnosis, complication and management of Pterygium and Symblepharon. Discuss on Vitamin A deficiency, classification, prophylaxis and treatment. Discuss Subconjunctival Heamorrhage.	DOPS OP 3.1 Elicit document and present an appropriate history in a patient presenting with a "red eye" including congestion, discharge, pain	Research
WEEK 9	**LECTURE OG 8.7** Enumerate the indications for and types of vaccination in pregnancy **OG 8.8** Enumerate the indications and describe the investigations including the use of ultrasound in the initial assessment and monitoring in pregnancy	Clinical Posting	Lunch	**Integration - Lecture - CM 10.1** Describe the current status of Reproductive, maternal, newborn and Child Health **OG 1.2** Define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Arthropod - borne Diseases CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	SDL IM22.4 Enumerate the components and describe the genetic basis of the multiple endocrine neoplasia syndrome. IM13.4 Describe the natural history, presentation, course, complications and cause of death for common cancers
WEEK 9	**LECTURE SU19.1** Describe the etiology and classification of cleft lip and palate	Clinical Posting	Lunch	**LECTURE FM 3.7, 3.8** Describe factors influencing infliction of injuries and healing, examination and certification of wounds and wound as a cause of death: Primary and Secondary. Describe and discuss different types of weapons including dangerous weapons and their examination.	**LECTURE FM 3.9** Describe different types of firearms including structure and components. Along with description of ammunition propellant charge and mechanism of fire-arms, different types of cartridges and bullets and various terminology in relation of firearm – caliber, range, choking	SDL OPH OP 3.2 Demonstrate document and present the correct method of examination of "red eye" including vision assessment, corneal lustre, pupil abnormality, ciliary tenderness. OP 4.1, 4.2 Define corneal ulcer and its stages. Describe various aetiology, clinical features and management of corneal ulcer
WEEK 9	**LECTURE PE 13.1, 13.2,13.4, 13.6,** Iron RDA, diet source, deficiency, clinical features management. Anaemia control program Interpretation of CBC, Iron panel	Clinical Posting	Lunch	***Integration* - OG 12.1** Define, classify and describe the etiology and pathophysiology, early detection, investigations, principles of management of hypertensive disorders of pregnancy and eclampsia, complications of eclampsia.	***Integration contd....***	SPORTS
WEEK 9	**INTEGRATED TEACHING /SEMINAR 3 OR2.8 Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of spine injuries with emphasis on mobilisation of the patient .PM7.1** Describe and discuss the clinical features, diagnostic work up, work up diagnosis and management of spinal cord injury	Clinical Posting	Lunch	**SEMINAR PE 12.6, 12.7, 12.10,13.11, 13.12,** Vitamin D deficiency, excess clinical features management Role of screening of vitamin D Calcium, RDA, source, deficiency	**SEMINAR PE 12.15, 12.16, 12.19, 12.20,** Vitamin B complex and Vitamin C	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 10	LECTURE IM15.1 Enumerate, describe and discuss the aetiology of upper and lower GI bleeding IM15.3 Describe and discuss the physiologic effects of acute blood and volume loss IM15.11 Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss IM15.16 Enumerate the indications for endoscopic interventions and Surgery	Clinical Posting	Lunch	**SEMINAR: EN4.1 Describe the clinical features, choose the correct investigations and describe the principles of management of Otalgia**	**Small group: EN4.10 Observe and describe the indications and steps involved in myringotomy and myringoplasty EN4.11 Enumerate the indications, describe the steps and observe a mastoidectomy**	Research
WEEK 10	**Lecture- DR 9.1** Classify, describe the epidemiology, etiology, microbiology, pathogenesis, clinical presentations and diagnostic features of Leprosy	Clinical Posting	Lunch	DOPS OP 3.2 Demonstrate document and present the correct method of examination of "red eye" including vision assessment, corneal lustre, pupil abnormality, ciliary tenderness.	DOPS 3.9 Demonstrate correct technique of instillation of eye drops in a simulated environment	Research
WEEK 10	**LECTURE OG 9.1** Classify, define and discuses the aetiology and management of abortions including threatened, incomplete, inevitable, missed and septic	Clinical Posting	Lunch	**Integration - Lecture - CM 10.2** Enumerate and describe the methods of screening high risk groups and common health problems **OG 8.1** Enumerate describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Zoonoses CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	Basic Airway Techniques at Simulation Lab-Bag and Mask Ventilation,Oro pharyngeal and Naso Pharyngeal airway/LMA,Endotracheal intubation,Surgical circothyroidectomy.
WEEK 10	**LECTURE SU20.1** Describe etiopathogenesis of oral cancer symptoms and signs of oropharyngeal cancer.	Clinical Posting	Lunch	**LECTURE FM 3.10** Describe and discuss wound ballistics-different types of firearm injuries, blast injuries and their interpretation, preservation and dispatch of trace evidences in cases of firearm and blast injuries, various tests related to confirmation of use of firearms	**LECTURE FM 3.11, 3.12** Describe and discuss regional injuries to head (Scalp wounds, fracture skull, intracranial haemorrhages, coup and contrecoup injuries), neck, chest, abdomen, limbs, genital organs, spinal cord and skeleton, Describe and discuss injuries related to fall from height and vehicular injuries – Primary and Secondary impact, Secondary injuries, crush syndrome, railway spine	ATLS for Trauma patient At simulation Lab
WEEK 10	**TUTORIAL PE 15.1, 15.2** Fluid and electrolyte imbalance clinical features and management.	Clinical Posting	Lunch	SEMINAR IM 15.10: Choose and interpret diagnostic tests based on the clinical diagnosis including complete blood count, PT and PTT, stool examination, occult blood, liver function tests, H. pylori test.	SEMINAR IM 15.10: Choose and interpret diagnostic tests based on the clinical diagnosis including complete blood count, PT and PTT, stool examination, occult blood, liver function tests, H. pylori test.	SPORTS

WEEK 10	LECTURE RD 1.6 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorderls in surgery	Clinical Posting	Lunch	**DR 8 Lecture- DR 9. 4** Enumerate, describe and identify lepra reactions and supportive measures and therapy of lepra reactions	**DR 9 Intergration- COMMUNITY MEDICINE DR 9.6** Describe the treatment of leprosy based on the WHO Guidelines	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 11	LECTURE IM15.6 Distinguish between upper and lower gastrointestinal bleeding based on the clinical features IM15.14 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of pressors used in the treatment of Upper GI bleed IM15.16 Enumerate the indications for endoscopic interventions and Surgery	Clinical Posting	Lunch	**LECTURE: EN4.20 Describe the clinical features, principles, investigations and management of Meniere's Disease**	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Zoonoses CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	Research
WEEK 11	**LECTURE PS6.1** Classify and describe the magnitude and etiology of depression **PS6.4** Describe the treatment of depression including behavioural and pharmacologic therapy	Clinical Posting	Lunch	Lecture OP 4.1, 4.2 Define corneal ulcer and its stages. Describe various aetiology, clinical features and management of corneal ulcer.	Lecture OP 4.3- Enumerate the causes of corneal edema. OP 4.4 - Enumerate the causes and discuss the management of dry eye. OP 4.7 Enumerate the indication and describe the methods of tarsorraphy.	Research
WEEK 11	LECTURE **OG 9.3** Discuss the aetiology, clinical features, differential diagnosis of acute abdomen in early pregnancy (with a focus on ectopic pregnancy) and enumerate the principles of medical and surgical management	Clinical Posting	Lunch	**Integration - Lecture - CM 10.3** Describe local customs and practices during pregnancy, childbirth, lactation and child feeding practices **PE 8.2** Discuss the principles the initiation, attributes , frequency, techniques and hygiene related to complementary feeding including IYCF	**Lecture - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Surface Infections CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	**SDL SU16.1** Minimally invasive General Surgery: Describe indications advantages and disadvantages of Minimally invasive General Surgery
WEEK 11	**LECTURE SU 20.2** Enumerate the appropriate investigations and discuss the Principles of treatment of oropharyngeal cancer.	Clinical Posting	Lunch	**SGT (Tutorials) FM 14.4 Practical** Conduct and prepare report of estimation of age of a person for medico-legal and other purposes & prepare medico-legal report in a simulated/ supervised environment	**SGT (Tutorials) FM 14.4 Practical**Conduct and prepare report of estimation of age of a person for medico-legal and other purposes & prepare medico-legal report in a simulated/ supervised environment	SDL ENT EN 4.11 Describe indications , steps and complications of mastoidectomies
WEEK 11	**LECTURE PE 16.1** Explain the components of Integrated Management of Neonatal and Childhood Illnesses (IMNCI) guidelines and method of Risk stratification	Clinical Posting	Lunch	**HORIZONTAL INTEGRATION SU 21.1** Describe surgical anatomy of the salivary glands, pathology, and clinical presentation of disorders of salivary glands	**HORIZONTAL INTEGRATION SU 21.2** Enumerate the appropriate investigations and describe the Principles of treatment of disorders of salivary glands	SPORTS
WEEK 11	**LECTURE 7 OR 2.9** Describe and discuss the mechanism of injury, Clinical features, investigations and principle of management of acetabular fracture	Clinical Posting	Lunch	Lecture AS 5.1 Enumerate the indications for and describe the principles of regional anaesthesia (including spinal, epidural and combined) AS 5.2 Describe the correlative anatomy of the brachial plexus, subarachnoid and epidural spaces	Lecture AS 5.4 Observe and describe the pharmacology and correct use of commonly used drugs and adjuvant agents in regional anesthesia SU 11.2 Enumerate the principles of general, regional, and local Anaesthesia (General surgery Integration)	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 12	TUTORIALS IM15.6 Distinguish between upper and lower gastrointestinal bleeding based on the clinical features IM15.16 Enumerate the indications for endoscopic interventions and Surgery	Clinical Posting	Lunch	**SKILLS LAB : EN2.13 Identify, resuscitate and manage patient in stridor (tracheostomy) in a simulated environment EN4.51 Observe and describe the care of the patient with a tracheostomy**	**SKILLS LAB: EN2.13 Identify, resuscitate and manage patient in stridor (tracheostomy) in a simulated environment EN4.51 Observe and describe the care of the patient with a tracheostomy**	Research
WEEK 12	**CT1.14 Lecture** - Describe and discuss the pharmacology of various anti-tuberculous agents, their indications, contraindications, interactions and adverse reactions.	Clinical Posting	Lunch	Lecture OP 4.5 Enumerate the causes of corneal blindness. Lecture OP 4.6 - Enumerate the indication and types of keratoplasty. Lecture OP- 4.9- Describe and discuss importance and protocols of eye donation. Describe the functions of eye banking.	DOPS OP 4.10 Counsel patients and family about eye donation in a simulated environment	Research
WEEK 12	**LECTURE OG 9.5** Describe the etiopathology, impact on maternal and fetal health and principles of management of hyperemesis gravidarum	Clinical Posting	Lunch	**Integration - Lecture - CM 10.4** Describe the reproductive, maternal, newborn & child health (RMCH) child survival and safe motherhood intervention **PE 18.2** Explain preventive interventions for Child survival and safe motherhood	**Integration - Lecture CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases - **Surface Infections CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case **DR 9.1** Classify, describe the epidemiology, etiology, microbiology pathogenesis and clinical presentations and diagnostic features of Leprosy **DR 9.6** Describe the treatment of Leprosy based on the WHO guidelines	SDL OBG OG 3.1- Spermatogenesis, Oogenesis, Fertilization
WEEK 12	**LECTURE SU 22.1** Describe the applied anatomy and physiology of thyroid	Clinical Posting	Lunch	**AETCOM Module 3.1 - Session 5 - The foundations of communication - 3 - Skills lab sessions** where students can perform tasks on standardised or regular patients with opportunity for self critique, critique by patient and by facilitator.	**AETCOM Module 3.3 - Session 1 - The foundations of communication - 4 - Introductory small group session** on the principles of communication with focus on administering informed consent	SDL OPH OP 5.1, 5.2 - Define and describe the aetiology, associated systemic conditions, clinical features, complications of Episcleritis and Scleritis. Discuss the management and indication of referral of Episcleritis and scleritis. OP 6.1, 6.2,6.4 Definition and classification of uveitis. Enumerate the pathology, etiology, clinical features, symptoms and signs, complication of uveitis. Distinguish between granulomatous and non granulomatous uveitis.Identify and distinguish acute and chronic iridocyclitis. Describe and distinguish between hyphema and hypopyon.

WEEK 12	**TUTORIAL PE 20.1, 20.2** Newborn nomenclature, classification, normal term new born and high risk new born, care of normal new born	Clinical Posting	Lunch	**SEMINAR / INTEGRATED TEACHING 4 OR2.10 Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of proximal femur. AN17.2** Describe anatomical basis of complications of fracture neck of femur.	**SEMINAR 5 OR 2.10** Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of proximal femur	SPORTS
WEEK 12	**SEMINAR 6 OR1.5** Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of knee joint Integration AN18.6 Describe knee joint injuries with its applied anatomy.	Clinical Posting	Lunch	SEMINAR PS 5.1 5.3 5.6 Classify and describe the magnitude and etiology of schizophrenia & other psychotic disorders	**LECTURE PS6.6** Enumerate and describe the pharmacologic basis and side effects of drugs used in depression **PS6.7** Enumerate the appropriate conditions for specialist referral in patients with depression	SPORTS
DAY	**8-9 am**	**9am-12 pm**	**12-1pm**	**1-2pm**	**2-3pm**	**3-4pm**
WEEK 13	Internal Assesment & feedback -1 Community Medicine					
WEEK 13	Internal Assesment & feedback -1 Forensic Medicine					
WEEK 13	Internal Assesment & feedback -1 Forensic Medicine (Practicals)					
WEEK 13	Internal Assesment & feedback -2 Forensic Medicine (Practicals)					
DAY	**8-9 am**	**9am-12 pm**	**12-1pm**	**1-2pm**	**2-3pm**	**3-4pm**
WEEK 14	LECTURE IM15.15 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of acid peptic disease including Helicobacter pylori IM15.16 Enumerate the indications for endoscopic interventions and Surgery	Clinical Posting	Lunch	**LECTURE ENT EN 4.18** Draw and describe features of Facial nerve paralysis based on site of lesion and topodiagnostic tests related to it.	**LECTURE ENT EN 4.18** Draw and describe features of Facial nerve paralysis based on site of lesion and topodiagnostic tests related to it.	Research
WEEK 14	**LECTURE PS7.1** Classify and describe the magnitude and etiology of bipolar disorders **PS7.4** Describe the treatment of bipolar disorders including behavioural and pharmacologic therapy	Clinical Posting	Lunch	Lecture OP 5.1, 5.2 - Define and describe the aetiology, associated systemic conditions, clinical features, complications of Episcleritis and Scleritis. Discuss the management and indication of referral of Episcleritis and scleritis.	Lecture OP 5.1, 5.2 - Define and describe the aetiology, associated systemic conditions, clinical features, complications of Episcleritis and Scleritis. Discuss the management and indication of referral of Epscleritis and scleritis.	Research
WEEK 14	**LECTURE** OG 17.1 Describe and discuss the physiology of lactation OG 17.3 Describe and discuss the clinical features, diagnosis and management of mastitis and breast abscess	Clinical Posting	Lunch	**Integration - Lecture - CM 10.5** - Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Program **PE 10.4** Identify children with under nutrition as per IMNCI criteria and plan referral **PE 19.1** Explain the components of the Universal immunization Program and the sub National Immunization Programs	**Integration - Lecture - CM 10.5** - Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Program **PE 10.4** Identify children with under nutrition as per IMNCI criteria and plan referral **PE 19.1** Explain the components of the Universal immunization Program and the sub National Immunization Programs	Research
WEEK 14	**LECTURE SU22.2** Describe the etiopathogenesis of thyroidal swellings & Malignancies	Clinical Posting	Lunch	**LECTURE FM 3.13** Describe different types of sexual offences. Describe various sections of IPC regarding rape including definition of rape (Section 375 IPC), Punishment for Rape (Section 376 IPC) and recent amendments notified till date	**LECTURE FM 3.16** Describe and discuss adultery and unnatural sexual offencessodomy, incest, lesbianism, buccal coitus, bestiality, indecent assault and preparation of report, framing the opinion and preservation and despatch of trace evidences in such cases.	Research
WEEK 14	**LECTURE PE 20.7, 20.15** Discuss aetiology, clinical features and management of birth asphyxia Discuss aetiology, clinical features and management of neonatal seizures	Clinical Posting	Lunch	***Vertical integration*** **- OG 12.2** Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of anemia in pregnancy	***Vertical integration contd...***	**SDL PE 11.1, 11.2, 11.3, 11.5, 11.6** Causes, complication management , BMI calculation, charting, history with regards to obesity and referral criteria for obesity
WEEK 14	**LECTURE 8 OR 2.11** Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of (a) Fracture patella (b) Fracture distal femur (c) Fracture proximal tibia with special focus on neurovascular injury and compartment syndrome	Clinical Posting	Lunch	**SEMINAR PE 19.1-19.5, 19.9, 19.15, 19.16** UIP, NIP, individual vaccine and newer vaccine. Safe immunization, implied consent and immunization in special situation	**SEMINAR CONTD...**	**SDL FM 2.33, 2.34:** Role of forensic pathologists in Mass disaster
DAY	**8-9 am**	**9am-12 pm**	**12-1pm**	**1-2pm**	**2-3pm**	**3-4pm**
WEEK 15	TUTORIALS IM16.1 Describe and discuss the aetiology of acute and chronic diarrhea including infectious and non infectious causes IM16.2 Describe and discuss the acute systemic consequences of diarrhea including its impact on fluid balance IM16.6 Distinguish between diarrhea and dysentery based on clinical Features IM16.11 Enumerate the indications for stool cultures and blood cultures in patients with acute diarrhea IM16.12 Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhea	Clinical Posting	Lunch	**SKILLS LAB : EN2.13 Identify and manage patient with epistaxis (anterior nasal packing) in a simulated environment**	**SKILLS LAB : EN2.13 Identify and manage patient with epistaxis (anterior nasal packing) in a simulated environment**	FM practical exam

WEEK 15	**Lecture- DR 9.7** Enumerate and describe the complications of leprosy and its management, including understanding disability	Clinical Posting	Lunch	DOPS OP 3.8 Demonstrate correct technique of removal of foreign body from eye in simulated environment.	DOPS OP 4.8 Demonstrate technique of removal of foreign body in the cornea in a simulated environment	FM practical exam
WEEK 15	**LECTURE OG 11.1** Describe the etiopathology, clinical features, diagnosis and investigations, complications, principles of management of multiple pregnancies	Clinical Posting	Lunch	**Lecture - Integration - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases – **Emerging and Re – Emerging Infectious Diseases, Hospital Acquired Infections** **CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case **MI 8.4** Describe the etiologic agents of emerging Infectious diseases. Discuss the clinical course and diagnosis **MI 8.5** Define Healthcare Associated Infections (HAI) and enumerate the types. Discuss the factors that contribute to the development of HAI and the methods for prevention	**Lecture - Integration - CM 8.1** Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for communicable diseases – **Emerging and Re – Emerging Infectious Diseases, Hospital Acquired Infections** **CM 8.3** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case **MI 8.4** Describe the etiologic agents of emerging Infectious diseases. Discuss the clinical course and diagnosis **MI 8.5** Define Healthcare Associated Infections (HAI) and enumerate the types. Discuss the factors that contribute to the development of HAI and the methods for prevention	**SDL ORTHO OR 9.1** Describe and discuss the aetiopathogenesis, clinical features, assessment and principles of management of Cerebral palsy patient
WEEK 15	**LECTURE SU 22.4** Describe the clinical features, classification and principles of management of thyroid cancer	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 3.14** Describe and discuss the examination of the victim of an alleged case of rape, and the preparation of report, framing the opinion and preservation and despatch of trace evidences in such cases	**SGT (TUTORIALS) FM 3.14** Describe and discuss the examination of the accused of an alleged case of rape, and the preparation of report, framing the opinion and preservation and despatch of trace evidences in such cases	**SDL CM 10.5** - Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Program
WEEK 15	**Lecture - CM 10.7** - Enumerate and describe the basis and principles of the Family Welfare Program including the organization, technical and operational aspects	Clinical Posting	Lunch	SEMINAR IM16.15 Distinguish based on the clinical presentation Crohn's disease from Ulcerative Colitis	SEMINAR IM16.16 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy including immunotherapy IM16.17 Describe and enumerate the indications for surgery in inflammatory bowel disease	FM practical exam
WEEK 15	Lecture SU 11.2 Enumerate the principles of general , regional, and local Anaesthesia (General surgery Integration)	Clinical Posting	Lunch	**Lecture- DR 8.1** Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin in adults and children	**DR 12 Lecture- DR 15.3** Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma	FM practical exam

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 16	LECTURE IM16.4 Elicit and document and present an appropriate history that includes the natural history, dietary history, travel , sexual history and other concomitant illnesses IM16.12 Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhea	Clinical Posting	Lunch	**LECTURE: EN4.14 Describe the clinical features,principles, investigations and management of Sudden Sensorineural Hearing Loss EN4.15 Describe the clinical features,principles , investigations and management of Noise Induced Hearing Loss.**	**Integration - Lecture - CM 10.8** - Describe the physiology, clinical management and principles of adolescent health including ARSH **PE 9.1** Describe the age related nutritional needs of infants, children and adolescents including micronutrients and vitamins	Research
WEEK 16	**LECTURE PS7.6** Enumerate and describe the pharmacologic basis and side effects of drugs used in bipolar disorders **PS7.7** Enumerate the appropriate conditions for specialist referral in patients with bipolar disorders	Clinical Posting	Lunch	Lecture OP 6.1, 6.2,6.4 Definition and classification of uveitis. Enumerate the pathology, etiology, clinical features, symptoms and signs, complication of uveitis. Distinguish between granulomatous and non granulomatous uveitis. Identify and distinguish acute and chronic iridocyclitis. Describe and distinguish between hyphema and hypopyon.	Lecture OP 6.1, 6.2,6.4 Definition and classification of uveitis. Enumerate the pathology, etiology, clinical features, symptoms and signs, complication of uveitis. Distinguish between granulomatous and non granulomatous uveitis.Identify and distinguish acute and chronic iridocyclitis. Describe and distinguish between hyphema and hypopyon.	Research
WEEK 16	**Tutorial OG 12.5** Describe the clinical features, detection, effect of pregnancy on the disease and impact of the disease on pregnancy complications and management of urinary tract infections in pregnancy **OG 12.6** Describe the clinical features, detection, effect of pregnancy on the disease and impact of the disease on pregnancy complications and management of liver disease in pregnancy	Clinical Posting	Lunch	**Lecture - CM 16.1** Define and describe the concept of Health planning **CM 16.2** Describe planning cycle	**Lecture - CM 10.9** - Describe and discuss gender issues and women empowerment	**PS2.3 SDL** Define and describe the principles and components of learning memory and emotions **PS2.5** Define and distinguish normality and abnormality **PS3.1** Describe the growth of psychiatry as a medical specialty, its history and contribution to society
WEEK 16	**LECTURE SU 22.5** Describe the applied anatomy of parathyroid	Clinical Posting	Lunch	**LECTURE FM 3.17** Describe and discuss the sexual perversions fetishism, transvestism, voyeurism, sadism, necrophagia, masochism, exhibitionism, frotteurism, Necrophilia	**LECTURE FM 3.18** Describe anatomy of male and female genitalia, hymen and its types. Discuss the medico-legal importance of hymen. Define virginity, defloration, legitimacy and its medicolegal importance	SDL OPH OP 6.7, 6.9 Enumerate and discuss the aetiology, clinical features, investigations and management of Angle closure glaucoma OP 6.7 Enumerate and discuss the aetiology,clinical features, investigations of Open angle glaucoma. OP 6.9 Discuss the medical and surgical management of glaucoma. Enumerate the indication, adverse events and interactions.
WEEK 16	LECTURE RD 1.7 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in Pediatrics	Clinical Posting	Lunch	**HORIZONTAL INTEGRATION SU 22.6** Describe and discuss the clinical features of hypo and hyperparathyroidism and the principles of their management	**HORIZONTAL INTEGRATION SU 22.6** Describe and discuss the clinical features of hypo and hyperparathyroidism and the principles of their management	SPORTS
WEEK 16	**LECTURE 9 OR 2.11** Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of Fracture proximal tibia with special focus on neurovascular injury and compartment syndrome	Clinical Posting	Lunch	**CT1.13 Lecture** - Describe and discuss the origin, indications, technique of administration, efficacy and complications of the BCG vaccine	**CT2.4 Lecture** - Describe and discuss the physiology and pathophysiology of hypoxia,Hypercapnea	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm

WEEK 17	TUTORIALS IM16.4 Elicit and document and present an appropriate history that includes the natural history, dietary history, travel , sexual history and other concomitant illnesses IM16.12 Enumerate and discuss the indications for further investigations including antibodies, colonoscopy, diagnostic imaging and biopsy in the diagnosis of chronic diarrhea	Clinical Posting	Lunch	**SKILLS LAB: EN2.13 Identify, resuscitate and manage patient with foreign bodies in ear, nose in a simulated environment EN4.9 Demonstrate the correct technique for syringing wax from the ear in a simulated environment**	**SKILLS LAB: EN2.13 Identify, resuscitate and manage patient with foreign bodies in ear, nose in a simulated environment EN4.9 Demonstrate the correct technique for syringing wax from the ear in a simulated environment**	Research
WEEK 17	**Lecture CT2.17** Describe and discuss the indications for vaccination in respiratory medicine	Clinical Posting	Lunch	Integrated Teaching OP 6.3 Enumerate systemic conditions that can present as iridocyclitis and describe their ocular manifestation.	Lecture OP 6.8,6.9 Enumerate the investigations and treatment of Uveitis. Discuss the indication, adverse events and interactions. Lecture OP 6.1 Discuss aetiology, clinical features, and treatment of endophthalmitis and panophthalmitis	Research
WEEK 17	**Tutorial OG 12.7** Describe and discuss screening, risk factors, management of mother and newborn with HIV	Clinical Posting	Lunch	**Lecture -** **CM 16.3** Describe Health management techniques	**Integration - Lecture -** **CM 12.1 -** Define and describe the concept of Geriatric services **CM 12.2** Describe health problems of aged population **IM 24.18** Describe the impact of the demographic changes in ageing on the population	**SDL- DR** Syndromic Management of Sexually Transmitted Disease
WEEK 17	**LECTURE SU 23.1** Describe the applied anatomy of adrenal glands	Clinical Posting	Lunch		**AETCOM Module 3.3 - Session 3 - The foundations of communication - 4 -** **Focused small group session** with role play or video where students have an opportunity to observe, criticise and discuss common mistakes in administering informed consent.	SDL ENT EN 4.18 Draw and describe features of Facial nerve paralysis based on site of lesion and topodiagnostic tests related to it.
WEEK 17	**TUTORIAL PE 20.8, 20.11** Discuss aetiology, clinical features, complication and management of preterm & low birth weight babies. Short mention on management of RDS	Clinical Posting	Lunch	IA medicine	IA 1	SPORTS
WEEK 17	**LECTURE 10 OR 2.12** Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Fracture shaft of femur in all age groups and the recognition and management of fat embolism as a complication	Clinical Posting	Lunch	IA surgery	IA 1	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 18	LECTURE IM16.3 Describe and discuss the chronic effects of diarrhea including malabsorption	Clinical Posting	Lunch	**LECTURE: EN4.19 Describe the clinical features, investigations management and principles of Vertigo**	**LECTURE FM 3.19, 3.20** Discuss the medicolegal aspects of pregnancy and delivery, signs of pregnancy, precipitate labour superfoetation, superfecundation and signs of recent and remote delivery in living and dead. Discuss disputed paternity and maternity.	Research
WEEK 18	**LECTURE PS8.1** Enumerate and describe the magnitude and etiology of anxiety disorders **PS8.4** Describe the treatment of anxiety disorders including behavioural and pharmaco**logic** therapy **PS8.6** Enumerate and describe the pharmacologic basis and side effects of drugs used in anxiety disorders **PS8.7** Enumerate the appropriate conditions for specialist referral in anxiety disorders	Clinical Posting	Lunch	Integrated teaching AN41.2. Describe the anatomy of angle of anterior chamber. Discuss about the aqueous humor dynamics. Define Glaucoma and classification of glaucoma.OP6.5 Describe and discuss the angle of the anterior chamber and its clinical correlates	Lecture OP 6.7, 6.9 Enumerate and discuss the aetiology, clinical features, investigations and management of Angle closure glaucoma	Research
WEEK 18	**LECTURE OG 12.8** Describe the mechanism, prophylaxis, fetal complications, diagnosis and management of isoimmunization in pregnancy	Clinical Posting	Lunch	**Lecture -** **CM 16.4** Describe health planning in India and National policies related to health and health planning	**Lecture -** **CM 12.3** Describe the prevention of health problems of aged population **CM 12.4** Describe National program for elderly	SDL IM14.2 Describe and discuss the aetiology of obesity including modifiable and non-modifiable risk factors and secondary causes IM14.10 Describe the indications and interpret the results of tests for secondary causes of obesity
WEEK 18	**LECTURE SU 23.2** Describe the etiology, clinical features and principles of management of disorders of adrenal gland	Clinical Posting	Lunch	**LECTURE FM 3.22** Define and discuss impotence, sterility, frigidity, sexual dysfunction, premature ejaculation. Discuss the causes of impotence and sterility in male and female	**SGT (TUTORIALS) FM 3.23, 3.24** Discuss Sterilization of male and female, artificial insemination, Test Tube Baby, surrogate mother, hormonal replacement therapy with respect to appropriate national and state laws. Discuss the relative importance of surgical methods of contraception (vasectomy and tubectomy) as methods of contraception in the National Family Planning Programme.	SDL OPH AN 41.2 Describe the anatomy, embryology and functions of the human crystalline lens. OP 7.2 Describe amd discuss etio-pathogenesis, anatomical types, symptoms, signs, clinical stages and complication of cataract. OP 7.4 Discuss the investigation and surgical management of cataract OP 7.4 Discuss complication of cataract surgery and its management.
WEEK 18	Integration PH 1.17 Describe the mechanism/s of action, types, doses, side effects,indications and contraindications of local anaesthetics (Pharmacology integration)	Clinical Posting	Lunch	IA OBG	IA 1	SPORTS
WEEK 18	LECTURE RD 1.8 Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to common malignancies	Clinical Posting	Lunch	IA Paed	IA 1	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 19	LECTURE IM5.1 Describe and discuss the physiologic and biochemical basis of Hyperbilirubinemia IM5.2 Describe and discuss the aetiology and pathophysiology of liver injury	Clinical Posting	Lunch	**SKILLS LAB : EN2.13 Identify, resuscitate and manage patient with foreign bodies in throat and upper respiratory tract in a simulated environment**	**SKILLS LAB : EN2.13 Identify, resuscitate and manage patient with foreign bodies in throat and upper respiratory tract in a simulated environment**	Research

WEEK 19	**LECTURE PS9.1** Enumerate and describe the magnitude and etiology of stress related disorders **PS9.4** Describe the treatment of stress related disorders including behavioural and psychosocial therapy **PS9.6** Enumerate and describe the pharmacologic basis and side effects of drugs used in stress related disorders **PS9.7** Enumerate the appropriate conditions for specialist referral in stress Disorders	Clinical Posting	Lunch	Lecture OP 6.7 Enumerate and discuss the aetiology, clinical features, investigations of Open angle glaucoma. Lecture OP 6.9 Disscuss the medical and surgical management of glaucoma. Enumerate the indication, adverse events and interactions.	Lecture OP 6.7 Discuss in detail Congenital Glaucoma. Discuss in detail secondary glaucoma	Research
WEEK 19	**Tutorial OG 13.1** Enumerate and discuss the physiology of normal labor, mechanism of labor in occipito-anterior presentation; monitoring of labor including partogram; conduct of labor, pain relief, principles of induction and acceleration of labor; management of third stage of labor	Clinical Posting	Lunch	**Lecture - CM 8.7** Describe the principles of management of information systems	**Lecture - CM 17.1** Define and describe the concept of health care to community **CM 17.2** Describe community diagnosis	SDL RD1.13 Describe the components of the PC & PNDT Act and its medicolegal implications.
WEEK 19	**LECTURE SU 23.3** Describe the clinical features, principles of investigation and management of Adrenal tumors	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 3.15** Describe and discuss examination of accused and victim of sodomy, preparation of report, framing of opinion, preservation and despatch of trace evidences in such cases	**SGT (TUTORIALS) FM 3.15** Describe and discuss examination of accused and victim of sodomy, preparation of report, framing of opinion, preservation and despatch of trace evidences in such cases	**SDL FM 2.17** Exhumation
WEEK 19	**Lecture** **CM 17.3** Describe primary health care, its components and principles **CM 17.5** Describe health care delivery in India	Clinical Posting	Lunch	***VERTICAL INTEGRATION OG 12.3*** Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of diabetes in pregnancy	***VERTICAL INTEGRATION CONTD...***	SPORTS
WEEK 19	**SEMINAR/TUTORIAL 7 OR 2.13** Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of: (a) Fracture both bones leg (b) Calcaneus (c) Small bones of foot	Clinical Posting	Lunch	**SEMINAR PE 18.1, 18.2, 27.1** National programmes - National health program with emphasis on Pediatrics, ICDS, RBSK, RKSK, JSSK and indradhanush		SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 20	IM LECTURE 27: INVESTIGATION OF HEPATOBILIARY DISEASES IM5.12 Choose and interpret appropriate diagnostic tests including: CBC, serology and bilirubin, function tests, Hepatitis ascitic fluid examination in patient with liver diseases.	Clinical Posting	Lunch	**LECTURE: EN4.18 Describe the clinical features, investigations principles and management of Facial Nerve palsy**	**Small Group Discussion - CM 14.1** Define and classify hospital waste **CM 14.2** Describe various methods of treatment of hospital waste **CM 14.3** Describe laws related to hospital waste management	Research
WEEK 20	**Integration - MICRO BIOLOGY DR 10.6** Describe the etiology, diagnostic and clinical features of nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	Clinical Posting	Lunch	DOPS 6.6. Identify and demonstrate the clinical features and distinguish and diagnose common conditions affecting the anterior chamber	DOPS 6.10 Counsel patients with conditions of the iris and anterior chamber about their diagnosis, therapy and prognosis in an emphathetic manner in a simulated environment	Research
WEEK 20	**Tutorial OG 13.2** Define, describe the causes, pathophysiology, diagnosis, investigations and management of preterm labor, PROM and postdated pregnancy **OG [PH 1.41]** Describe the mechanisms of action, types, doses, side effects, indications and contraindications of uterine relaxants and stimulants	Clinical Posting	Lunch	**Small Group Discussion - CM 17.4** Describe National policies related to health and health planning and millennium development goals	**Integration - Small Group Discussion - CM 18.1** Define and describe the concept of mental health **CM 18.2** Describe warning signals of mental health disorder **PS 19.5** Describe the concept and principles of preventive psychiatry and mental health promotion (positive mental health); and community education	**SDL SU 26.1** role of surgery in the management of coronary heart disease, valvular heart diseases and congenital heart diseases
WEEK 20		Clinical Posting	Lunch	**FM 3.27** Define, classify and discuss abortion, methods of procuring MTP and criminal abortion and complication of abortion. MTP Act 1971	**FM 3.28** Describe evidences of abortion - living and dead, duties of doctor in cases of abortion, investigations of death due to criminal abortion	**SDL** **CM 17.1** Define and describe the concept of health care to community
WEEK 20	**LECTURE PE 20.9, 20.10,** Discuss aetiology, clinical features and management of birth injuries Discuss aetiology, clinical features and management of haemorrhagic disease of new born	Clinical Posting	Lunch	SEMINAR IM5.12: Choose and interpret appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology and ascitic fluid examination in patient with liver diseases	SEMINAR IM5.12: Choose and interpret appropriate diagnostic tests including: CBC, bilirubin, function tests, Hepatitis serology and ascitic fluid examination in patient with liver diseases	SPORTS
WEEK 20	SEMINAR Integration PH 1.15 Describe mechanism/s of action, types, doses, side effects, indications and contraindications of skeletal muscle relaxants (Pharmacology Integration) Integration PY 3.4 Describe the structure of neuro-muscular junction and transmission of impulses PY 3.5 Discuss the action of neuro-muscular blocking agents (Physiology Integration)	Clinical Posting	Lunch	**Integration - PHARMACOLOGY DR 8.7** Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for common viral illnesses of the skin	**Lecture- DR 10.9** Describe the syndromic approach to ulcerative sexually transmitted disease	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 21	TUTORIALS IM5.3 Describe and discuss the pathologic changes in various forms of liver disease IM5.5 Describe and discuss the pathophysiology and clinical evolution of alcoholic liver disease IM5.7 Enumerate and describe the causes and pathophysiology of drug induced liver injury	Clinical Posting	Lunch	**SKILLS LAB : EN2.14 Demonstrate the correct technique to instill topical medications into the ear, nose and throat in a simulated environment**	**SKILLS LAB : EN2.14 Demonstrate the correct technique to instill topical medications into the ear, nose and throat in a simulated environment**	Research

WEEK 21	**LECTURE PS10.1** Enumerate and describe the magnitude and etiology of somatoform, dissociative and conversion disor**ders** PS10.4 Describe the treatment of somatoform disorders including PS10.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in somatoform, dissociative and con**versi**on disorders PS10.7 Enumerate the appropriate conditions for specialist referral in	Clinical Posting	Lunch	Integrated teaching AN 41.2 Describe the anatomy, embryology and functions of the human crystalline lens.	Lecture OP 7.2 Describe amd discuss etio-pathogenesis, anatomical types, symptoms, signs, clinical stages and complication of cataract.	Research
WEEK 21	**Tutorial OG 14.3** Describe and discuss rupture uterus, causes, diagnosis and management. **OG 16.2** Describe and discuss uterine inversion – causes, prevention, diagnosis and management	Clinical Posting	Lunch	**Integration - Small Group Discussion** **CM 15.3** Describe National Mental Health Program **PS19.2** Describe the objectives strategies and contents of the of the National Mental Health Programme	**Small Group Discussion** **CM 15.1** Define and describe the concept of mental health **Genetics**	SDL OBG -**OG 5.2** High risk Pregnancy
WEEK 21	**LECTURE SU 24.2** Describe the clinical features, principles of investigation, prognosis and management of pancreatic endocrine tumours	Clinical Posting	Lunch	**AETCOM Module 3.3 - Session 4 - The foundations of communication - 4 - Skills lab sessions** where students can perform tasks on standardised or regular patients with opportunity for self critique, critique by patient and by facilitator.	**AETCOM Module 3.3 - Session 5 - The foundations of communication - 4 - Skills lab sessions** where students can perform tasks on standardised or regular patients with opportunity for self critique, critique by patient and by facilitator.	SDL OPH AN 41.2 Discuss the anatomy (gross and microscopic) and embryology of retina.OP 8.1, 8.2, 8.4 Discuss the etiology, pathology clinical features and management of vascular occlusions of retina.
WEEK 21	**TUTORIAL PE 20.20** Common surgical problems in new born TEF, oesophageal atresia, anal atresia, Congenital diaphragmatic hernia, acute abdomen and cleft lip and palate	Clinical Posting	Lunch	***Integration*** **OG 12.4** Define, classify and describe the etiology, pathophysiology, diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of heart diseases in pregnancy	***Integration contd..***	SPORTS
WEEK 21	**SEMINAR 8 OR 2.14** Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of ankle fractures	Clinical Posting	Lunch	***Integration*** **PE 34.1** Discuss the epidemiology, clinical features, clinical types, complications of Tuberculosis in Children and Adolescents **PE 34.2** Discuss the various diagnostic tools for childhood tuberculosis **CT1, 2** Describe and discuss the microbiology of tubercle bacillus, mode of transmission, pathogenesis, clinical evolution and natural history of pulmonary and extra pulmonary forms **MI 8.9, MI 8.15** Pulomonary Tuberculosis	***Integration*** **PE 34.3** Discuss the various regimens for management of Tuberculosis as per National Guidelines **PE 34.4** Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Control Program **CM 8.3.2** Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case - RNTCP	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 22	LECTURE IM5.13 Enumerate the indications for ultrasound and other imaging studies including MRCP and ERCP and describe the findings in liver disease IM5.16 Describe and discuss the management of hepatitis, cirrhosis, portal hypertension, ascites spontaneous, bacterial peritonitis and hepatic encephalopathy IM5.18 Enumerate the indications for hepatic transplantation	Clinical Posting	Lunch	**INTEGRATION: EN 1.1 Describe the Anatomy & Physiology of nose and paranasal sinus AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply AN37.2 Describe location and functional anatomy of paranasal sinuses**	**SGT (TUTORIALS) FM 3.21, 3.25, 3.26** Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC&PNDT) - Prohibition of Sex Selection Act 2003 and Domestic Violence Act 2005. Discuss the major results of the National Family Health Survey. Discuss the national Guidelines for accreditation, supervision & regulation of ART Clinics in India.	Research
WEEK 22	Lecture- DR 18.1 Enumerate the **cutaneous features of Type 2 diabetes**	Clinical Posting	Lunch	Lecture OP 7.4 Discuss the investigation and surgical management of cataract	Lecture OP 7.4 Discuss complication of cataract surgery and its management.	Research
WEEK 22	**LECTURE OG 14.4** Describe and discuss the classification; diagnosis; management of abnormal labor	Clinical Posting	Lunch	**Small Group Discussion - CM 13.1** Define and describe the concept of Disaster management **CM 13.2** Describe disaster management cycle	**Integration - Small Group Discussion** - **CM 19.1** Define and describe the concept of Essential Medicine List (EML) **PH 5.7** Demonstrate an understanding of the legal and ethical aspects of prescribing drugs **PH 1.63** Describe Drug Regulations, acts and other legal aspects	**SDL ORTHO OR 11.1** Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic Nerves
WEEK 22	**LECTURE SU 25.1** Describe applied anatomy and appropriate investigations for breast disease	Clinical Posting	Lunch	**LECTURE FM 3.29** Describe and discuss child abuse and battered baby syndrome	**LECTURE FM 3.30, 3.31** Describe and discuss issues relating to torture, identification of injuries caused by torture and its sequalae, management of torture survivors. Torture and Human rights Describe and discuss guidelines and Protocols of National Human Rights Commission regarding torture.	SDL ENT EN 4.24 Describe differences between Septoplasty and Submucosal resection
WEEK 22	**"TUTORIAL PE 20.20 Common surgical problems in new born TEF, oesophageal atresia, anal atresia, Congenital diaphragmatic hernia, acute abdomen and cleft lip and palate "**	Clinical Posting	Lunch	SEMINAR IM 5.14: Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology	SEMINAR IM 5.14: Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology	SPORTS
WEEK 22	DOAP AS 7.1 Visit, enumerate and describe the functions of an Intensive Care Unit AS 7.2 Enumerate and describe the criteria for admission and discharge of a patient to an ICU DOAP AS 7.3 Observe and describe the management of an unconscious patient AS 7.4 Observe and describe the basic setup process of a ventilator AS 7.5 Observe and describe the principles of monitoring in an ICU Integration	Clinical Posting	Lunch	TUTORIALS RD 1.9 Describe the role of Interventional Radiology in common clinical conditions	TUTORIALS RD 1.10 Describe the role of Emergency Radiology, miscellaneous & applied aspects, interaction with clinical departments	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm

WEEK 23	TUTORIALS IM5.6 Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy IM5.16 Describe and discuss the management of hepatitis, cirrhosis, portal hypertension, ascites spontaneous, bacterial peritonitis and hepatic encephalopathy	Clinical Posting	Lunch	**LECTURE: EN4.29 Describe the clinical features, choose the correct investigations and describe the principles of management of Acute & Chronic Rhinitis**	**LECTURE: EN4.25 Describe the clinical features, choose the correct investigations and describe the principles of management of Nasal Polyps**	Research
WEEK 23	**LECTURE PS2.4** Describe the principles of personality development and motivation	Clinical Posting	Lunch	DOPS OP 7.3 Demonstrate the correct technique of ocular examination in a patient with a cataract	DOPS 7.4, 7.5 Demonstration of cataract surgery and participation in team for cataract surgery	Research
WEEK 23	**Tutorial OG 16.1** Describe the indications and steps of common obstetric procedures, technique and complications: Episiotomy, **vacuum extraction; low forceps; Caesarean section, cervical cerclage**	Clinical Posting	Lunch	**Integration - Small Group Discussion -** **CM 13.3** Describe man made disasters in the world and in India **CM 13.4** Describe the details of the National Disaster management Authority **FM 2.33** Demonstrate ability to use local resources whenever required like in mass disaster situations	**Integration - Small Group Discussion -** **CM 19.2** Describe roles of essential medicine in primary health care **CM 19.3** Describe counterfeit medicine and its prevention **PH 3.7** Prepare a list of essential medicines for a healthcare facility	**SDL PE 34.16** Diphtheria Pertussis and Tetanus including neonatal tetanus - etiology, microbiology, clinical features, complications, management and vaccination
WEEK 23	**LECTURE SU 25.2** Describe the etiopathogenesis, clinical features and principles of management of benign breast disease including infections of the breast	Clinical Posting	Lunch	**LECTURE FM 5.1, 5.2** Classify common mental illnesses including post-traumatic stress disorder (PTSD), Define, classify and describe delusions, hallucinations, illusion, lucid interval and obsessions with exemplification	**LECTURE FM 5.3, 5.4, 5.5, 5.6** Describe Civil and criminal responsibilities of a mentally ill person, Differentiate between true insanity from feigned insanity, Describe & discuss Delirium tremens, Describe the Indian Mental Health Act, 1987 with special reference to admission, care and discharge of a mentally ill person	SDL OPH OP 8.2, 8.4 Discuss the etiology, pathology clinical features and management of Retinopathies. OP 8.2, 8.4 Discuss the etiology, pathology clinical features and management of Retinal Degeneration and detachments
WEEK 23	SEMINAR RD 1.11 Describe preparation of patient for common imaging procedures	Clinical Posting	Lunch	Lecture AS 6.1 Describe the principles of monitoring and resuscitation in the recovery room	DOAP/SGD-small group discussion) Integration AS 8.1 Describe the anatomical correlates and physiologic principles of pain AS 8.2 Elicit and determine the level, quality and quantity of pain and its tolerance in patient or surrogate AS 8.3 Describe the pharmacology and use of drugs in the management of pain AS 8.4 Describe the principles of pain management in palliative care AS 8.5 Describe the principles of pain management in the terminally ill SU 11.5 Describe principles of providing post-operative pain relief and management of chronic pain.(General Surgery Integration)	SPORTS
WEEK 23	PTM	Clinical Posting	Lunch	PTM	PTM	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 24	LECTURE IM5.4 Describe and discuss the epidemiology, microbiology, immunology and clinical evolution of infective (viral) hepatitis	Clinical Posting	Lunch	**LECTURE: EN4.30 Describe the clinical features, choose the correct investigations and describe the principles of management of Epistaxis**	**Small Group Discussion -** **CM 18.1** Define and describe the concept of International health **CM 18.2** Describe roles of various international health agencies	Research
WEEK 24	**CT2.1 Lecture** - Define and classify obstructive airway disease. CT2.6 Enumerate and describe the causes of acute episodes in patients.	Clinical Posting	Lunch	DOPS OP 7.6 Administed informed consent and counsel patients for cataract surgery in simulated environment	Integrated Teaching AN 41.2 Discuss the anatomy (gross and microscopic) and embryology of retina.	Research
WEEK 24	***Tutorial OG 18.2 Breech delivery & External cephalic version***	Clinical Posting	Lunch	**Small Group Discussion - CM 20.1** List important public health events of last five years	**Small Group Discussion -** **CM 20.2** Describe various issues during outbreaks and their prevention	SDL GM Topic:Calcium and vitamin D metabolism and their disorders IM22.1 Enumerate the causes of hypercalcemia and distinguish the features of PTH vs non PTH mediated hypercalcemia IM22.2 Describe the aetiology, clinical manifestations, diagnosis and clinical approach to primary hyperparathyroidism IM22.3 Describe the approach to the management of hypercalcemia
WEEK 24	**LECTURE SU 25.3** Describe the etiopathogenesis, clinical features, investigations and principles of treatment of malignant diseases of breast.	Clinical Posting	Lunch	**LECTURE FM 6.1** Describe different types of specimen and tissues to be collected both in the living and dead: Body fluids (blood, urine, semen, faeces saliva), Skin, Nails, tooth pulp, vaginal smear, viscera, skull, specimen for histo-pathological examination, blood grouping, HLA Typing and DNA Fingerprinting, Describe Locard's Exchange Principle	**SGT (TUTORIALS) FM 7.1** Enumerate the indications and describe the principles and appropriate use for: - DNA profiling - Facial reconstruction - Polygraph (Lie Detector) - Narcoanalysis, - Brain Mapping, - Digital autopsy, - Virtual Autopsy, - Imaging technologies	**SDL FM 2.15**Custodial death
WEEK 24	**LECTURE PE 20.12, 20.13, 20.14, 27.24, 27.25, 27.26, 20.16, 2017 Temperature regulation and neonatal hypothermia Discuss aetiology, clinical features and management of neonatal hypoglycaemia, hypocalcaemia**	Clinical Posting	Lunch	**SEMINAR / TUTORIAL 09 OR 2.15** Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome	**SEMINAR 10 OR 2.16** Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of open fractures with focus on secondary infection prevention and management	SPORTS
WEEK 24	**Integration TEACHING 11 OR3.1** Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis **PA33.1** Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis	Clinical Posting	Lunch	**VERICAL INTEGRATION-** FM- PS19.3 Describe and discuss the basic legal and ethical issues in Psychiatry PS19.4 Enumerate and describe the salient features of the prevalent mental health laws in India	**SEMINAR PS6.1** Classify and describe the magnitude and etiology of depression PS6.4 Describe the treatment of depression including behavioural and pharmacologic therapy PS6.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in depression PS6.7 Enumerate the appropriate conditions for specialist referral in patients with depression	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 25	TUTORIALS IM5.11 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology for the presenting symptom	Clinical Posting	Lunch	**SKILLS LAB : EN2.12 Counsel and administer informed consent to patients and their families in a simulated environment**	**SKILLS LAB : EN2.12 Counsel and administer informed consent to patients and their families in a simulated environment**	Research

WEEK 25	LECTURE PS11.1 Enumerate and describe the magnitude and etiology of personality disorders PS11.4 Describe the treatment of personality disorders including behavioural, psychosocial and pharmacologic therapy PS11.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in personality disorders PS11.7 Enumerate the appropriate conditions for specialist referral	Clinical Posting	Lunch	Lecture OP 8.1, 8.2, 8.4 Discuss the etiology, pathology clinical features and management of vascular occlusions of retina.	Lecture OP 8.2, 8.4 Discuss the etiology, pathology clinical features and management of Retinopathies.	Research
WEEK 25	**LECTURE OG 16.3** Describe and discuss causes, clinical features, diagnosis, investigations, monitoring of fetal well-being, including ultrasound and fetal Doppler; principles of management; prevention and counselling in intrauterine growth retardation	Clinical Posting	Lunch	**Small Group Discussion - CM 20.3** Describe any event important to Health of the Community	**Small Group Discussion - CM 20.4** Demonstrate awareness about laws pertaining to practice of medicine such as Clinical establishment Act and Human Organ Transplantation Act and its implications	SDL - DR Calculation of PASI Score
WEEK 25	**LECTURE SU 26.3** Describe the clinical features of mediastinal diseases and the principles of management	Clinical Posting	Lunch	Atcom Module 3.2: Case studies in bioethics - Disclosure of medical errors Class 1: Introduction of case	Atcom Module 3.2: Case studies in bioethics - Disclosure of medical errors Class 2: Anchoring lecture	**SDL** **CM 18.2** Describe roles of various international health agencies
WEEK 25	LECTURE PE 27.25, 27.26, 20.16, 20.17 Discuss aetiology, clinical features and management of neonatal sepsis and perinatal infections	Clinical Posting	Lunch	***Integration* OG 16.1** Enumerate and discuss causes, prevention, diagnosis, management, appropriate use of blood and blood products in postpartum haemorrhage	***Integration contd..***	SDL: Atcom Module 3.2: Case studies in bioethics - Disclosure of medical errors Class 3
WEEK 25	**Integrated teaching 12** **OR3.1** Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis **PA33.1** Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of osteomyelitis	Clinical Posting	Lunch	**SEMINAR PE 27.29** Child abuse		SDL : Atcom Module 3.2: Case studies in bioethics - Disclosure of medical errors Class 4

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 26	LECTURE IM5.11 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology for the presenting symptom IM5.16 Enumerate the indications for hepatic transplantation	Clinical Posting	Lunch	**LECTURE- EN4.23 Describe the clinical features, investigations and principles of management of DNS EN4. 24 Enumerate the indications and describe the steps in a septoplasty**	**SGT (TUTORIALS) FM 8.9, 8.10** Describe the procedure of intimation of suspicious cases or actual cases of foul play to the police, maintenance of records, preservation and despatch of relevant samples for laboratory analysis, Describe the general principles of Analytical Toxicology and give a brief description of analytical methods available for toxicological analysis: Chromatography – Thin Layer Chromatography, Gas Chromatography, Liquid Chromatography and Atomic Absorption Spectroscopy	Research
WEEK 26	**Lecture- DR 12.3** Classify and grade eczema	Clinical Posting	Lunch	Lecture OP 8.2, 8.4 Discuss the etiology, pathology clinical features and management of Retinal Degeneration and detachments.	Lecture OP 8.5 Discuss the stages, fundus pictures, causes amd management of optic disc oedema.	Research
WEEK 26	**Tutorial OG 10.1** Define, classify and describe the aetiology, pathogenesis, clinical features, ultrasonography, differential diagnosis and management of antepartum haemorrhage in pregnancy	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 18.1** Travellers health **CM 9.1** Medical certification of cause of death and system of registration of death	**Small Group Discussion - Seminar** **CM 8.5** Disease surveillance and surveillance practices with respect to TB, Leprosy, DM, Cancer, Malaria **CM 7.7** Steps in investigation of an epidemic	SDL PS4.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in alcohol and substance abuse
WEEK 26	**LECTURE SU 26.4** Describe the etiology, pathogenesis, clinical features of tumors of lung and the principles of management	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 14.2 (Practical)** Demonstrate the correct technique of clinical examination in a suspected case of poisoning & prepare medico-legal report in a simulated/ supervised environment	**SGT (TUTORIALS) FM 14.3 (Practical)** Assist and demonstrate the proper technique in collecting, preserving and dispatch of the exhibits in a suspected case of poisoning, along with clinical examination	SDL OPH OP 8.5 Discuss the clinical features, investigations and management of optic neuritis. PY 10.19- Describe and discuss visual evoked potential.
WEEK 26	**LECTURE PE 34.14, 34.15** Fever of Unknown Origin (FUO) and Viral Exanthematous Illness - emphasis on measles, varicella	Clinical Posting	Lunch	SEMINAR IM14.2 Describe and discuss the aetiology, risk factors and secondary causes of weight loss and weight gain	SEMINAR IM14 9 Order and interpret diagnostic tests based on the clinical diagnosis including blood glucose, lipids, thyroid function tests etc.	SPORTS
WEEK 26	Integration IM 13.17 Describe and enumerate the indications, use, side effects of narcotics in pain alleviation in patients with cancer (General Medicine Integration)	Clinical Posting	Lunch	**Lecture- DR 3.3** Enumerate the indications for and describe the various modalities of treatment of psoriasis including topical, systemic and phototherapy	**Lecture-DR 4.2** Enumerate and describe the treatment modalities for lichen planus	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 27	LECTURE IM5.8 Describe and discuss the pathophysiology, clinical evolution and complications cholelithiasis and cholecystitis IM5.13 Enumerate the indications for ultrasound and other imaging studies including MRCP and ERCP and describe the findings in liver disease	Clinical Posting	Lunch	**LECTURE: EN4.27 Describe the clinical features, choose the correct investigations and describe the principles of management of Allergic Rhinitis EN4.28 Describe the clinical features, choose the correct investigations and describe the principles of management of Vasomotor Rhinitis**	**LECTURE:EN4.27 Describe the clinical features, choose the correct investigations and describe the principles of management of Allergic Rhinitis EN4.28 Describe the clinical features, choose the correct investigations and describe the principles of management of Vasomotor Rhinitis**	Research
WEEK 27	**LECTURE PS12.1** Enumerate and describe the magnitude and etiology of psychosomatic disorders PS12.4 Describe the treatment of psychosomatic disorders including behavioural, psychosocial and pharmacologic therapy PS12.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in psychosomatic disorders PS12.7 Enumerate the appropriate conditions for specialist referral	Clinical Posting	Lunch	DOPS OP 8.3 Normal fundus examination	DOPs OP 8.3 Normal fundus examination	Research

WEEK 27	**Tutorial OG 18.1** Describe and discuss the assessment of maturity of the newborn, diagnosis of birth asphyxia, principles of resuscitation, common problems: **OG 18.2** Demonstrate the steps of neonatal resuscitation in a simulated environment **OG 18.3** Describe and discuss the diagnosis of birth asphyxia	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 7.7** Investigation of a food poisoning outbreak **CM 5.7** Difference between food poisoning and contamination	**Small Group Discussion - Seminar** **CM 18.1** Health Indicators and importance of disease notification **CM 10.5** National Immunization Schedule	SDL SURG SU16.1 Minimally invasive General Surgery: Describe indications advantages and disadvantages of Minimally invasive General Surgery
WEEK 27	**TUTORIALS SU 27.1** Describe the etiopathogenesis, clinical features, investigations and principles of treatment of occlusive arterial disease.	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 14.7 (Practical)** Demonstrate & identify that a particular stain is blood and identify the species of its origin	**SGT (TUTORIALS) FM 14.8 (Practical)** Demonstrate the correct technique to perform and identify ABO & RH blood group of a person	SDL ENT EN 4.45 Describe clinical features of all types of Vocal cord palsies.
WEEK 27	**TUTORIAL PE 34.17, 34.20** Typhoid and Rickettsial disease	Clinical Posting	Lunch	**HORIZONTAL INTEGRATION SU 27.4** Describe the types of gangrene and principles of amputation	**SEMINAR SU 27.6** Describe pathophysiology, clinical features, Investigations and principles of management of DVT and Varicose veins	SPORTS
WEEK 27	**SEMINAR 13 OR 3.1** Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis c) Acute Suppurative arthritis d) Septic arthritis & HIV infection e) Spirochaetal infection	Clinical Posting	Lunch	SEMINAR RD 1.12 Describe the effects of radiation in pregnancy and the methods of prevention/ minimization of radiation exposure	SEMINAR RD 1.13 Describe the components of the PC & PNDT Act and its medicolegal implications	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 28	LECTURE IM14.2 Describe and discuss the aetiology of obesity including modifiable and non-modifiable risk factors and secondary causes IM14.4 Describe and discuss the impact of environmental factors including eating habits, food, work, environment and physical activity on the incidence of obesity	Clinical Posting	Lunch	**LECTURE: EN4.33 Describe the clinical features, choose the correct investigations and describe the principles of management of Acute & Chronic Sinusitis**	**Small Group Discussion - Seminar** **CM 7.2** Adverse reactions following immunization **CM 10.8** Adolescent health problems	Research
WEEK 28	**CT2.16 Lecture** - Discuss and describe therapies for OAD	Clinical Posting	Lunch	DOPS OP 8.3 Abnormal fundus examination	DOPS OP 8.3 Abnormal fundus examination	Research
WEEK 28	**LECTURE OG 19.1** Describe and discuss the physiology of puerperium, its complications, diagnosis and management; counselling for contraception, puerperal sterilization **OG 19.3** Tubal ligation **OG 19.4** Enumerate the indications for, describe the steps in and insert and remove an intrauterine device	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 12.3** Geriatrics – Problems of the aged **CM 11.3** Urbanization and Industrialization and its health problems2	**Small Group Discussion - Seminar** **CM 5.7** Steps in implementing food safety – Milk, meat and fish hygiene **CM 6.4** Measures of central tendency and dispersion	BLS,ACLS in infants,children and adult at Simulation Lab
WEEK 28	**SEMINAR SU 27.7** Describe pathophysiology, clinical features, investigations and principles of management of Lymph edema, lymphangitis and Lymphomas	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 14.10, 14.11, 14.12 (Practical)** Demonstrate ability to identify & prepare medicolegal inference from specimens obtained from various types of injuries, To identify & describe weapons of medicolegal importance which are commonly used, Describe the contents and structure of bullet and cartridges used & to provide medico-legal interpretation from these	**SGT (TUTORIALS) FM 14.10, 14.11, 14.12 (Practical)** Demonstrate ability to identify & prepare medicolegal inference from specimens obtained from various types of injuries, To identify & describe weapons of medicolegal importance which are commonly used, Describe the contents and structure of bullet and cartridges used & to provide medico-legal interpretation from these	SDL
WEEK 28	**LECTURE PE 34.18, 34.19** Vector borne diseases - Dengue, Malaria and other parasitic infections	Clinical Posting	Lunch	**seminar 14 OR 4.1** Describe and discuss the clinical features, Investigation and principles of management of Tuberculosis affecting major joints (Hip, Knee) including cold abcess and caries spine	**Integration teaching 15** **OR2.10** Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of proximal femur.**IM24.14** Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of common fractures in the elderly	SPORTS
WEEK 28	**LECTURE 11 OR 7.1** Describe and discuss the aetiopathogenesis, clinical features, investigation and principles of management of metabolic bone disorders in particular osteoporosis, osteomalacia, rickets, Paget's disease	Clinical Posting	Lunch	**VERTICAL INTEGRATION CM PS19.1** Describe the relevance, role and status of community psychiatry PS19.2 Describe the objectives strategies and contents of the National Mental Health program	**VERTICAL INTEGRATION CM PS19 5** Describe the concept and principles of preventive psychiatry and mental health promotion (positive mental health); and community education PS19.6 Enumerate and describe the identifying features and the principles of participatory management of mental illness occurring during and after disasters	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 29	TUTORIALS 4@IM14.5 Describe and discuss the natural history of obesity and its complications IM14.10 Describe the indications and interpret the results of tests for secondary causes of obesity IM14.13 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for obesity IM14.14 Describe and enumerate the indications and side effects of bariatric surgery	Clinical Posting	Lunch	**LECTURE: EN4.34 Describe the clinical features, investigations principles and management of tumors of Maxilla**	**SMALL GROUP: EN 4.24 Enumerate the indications observe and describe the steps in septoplasty**	Research
WEEK 29	**LECTURE PS 13.1** psychosexual and gender identity disorders PS13.4 Describe the treatment of psychosexual and gender identity disorders including behavioural, psychosocial and pharmacologic therapy PS13.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in psychosexual and gender identity disorders PS13.7 Enumerate the appropriate conditions for specialist referral	Clinical Posting	Lunch	Lecture OP 8.5 Discuss the clinical features, investigations and management of optic neuritis. PY 10.19- Describe and discuss visual evoked potential.	Lecture OP 9.4 Discuss about Blindness, NPCB and Vision2020	Research

WEEK 29	**LECTURE OG 20.1** Enumerate the indications and describe and discuss the legal aspects, indications, methods for first and second trimester MTP: complications and management of complications of Medical Termination of Pregnancy **OG 20.3** Discuss Pre-conception and Pre Natal Diagnostic Techniques (PC&PNDT) Act 1994 & its amendments	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 7.8** Measures of Association **CM 6.4** Sample, its importance and sampling procedure	**Small Group Discussion - Seminar** **CM 4.1** Health education approaches **CM 4.2** Plan a health education session for a group of industrial workers	SDL OBG - **OG 18.2**- Neonatal resuscitation
WEEK 29	**TUTORIALS SU 28.1** Describe pathophysiology, clinical features, Investigations and principles of management of Hernias	Clinical Posting	Lunch	Aetcom Module 3.2: Case studies in bioethics - Disclosure of medical errors Class 5: Discussion and closure of case	Aetcom Module 3.4: Case studies in bioethics - Confidentiality Class 1 - Introduction of the case	SDL Aetcom Module 3.4: Case studies in bioethics - Confidentiality Class 2
WEEK 29	.Lecture AS 9.3 Describe the principles of fluid therapy in the preoperative period AS 9.4 Enumerate blood products and describe the use of blood products in the preoperative periodAS 10.1 Enumerate the hazards of incorrect patient positioning AS 10.2 Enumerate the hazards encountered in the perioperative period and steps/techniques taken to prevent them AS 10.3 Describe the role of communication in patient safety	Clinical Posting	Lunch	**TUTORIALS SU28.3** Describe causes, clinical features, complications and principles of mangament of peritonitis	**TUTORIALS SU 28.4** Describe pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors	SPORTS
WEEK 29	Lecture AS 10.1 Enumerate the hazards of incorrect patient positioning AS 10.2 Enumerate the hazards encountered in the perioperative period and steps/techniques taken to prevent them AS 10.3 Describe the role of communication in patient safety	Clinical Posting	Lunch	**Seminar CT2**.14 Enumerate the indications for and interpret the results of : pulse oximetry, ABG, Chest Radiograph	**Seminar CT2**.14 Enumerate the indications for and interpret the results of : pulse oximetry, ABG, Chest Radiograph	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 30	Internal Assesment & feedback -2 Community Medicine					
WEEK 30	Internal Assesment & feedback -2 Forensic Medicine					
WEEK 30	Internal Assesment & feedback -2 Forensic Medicine (Practicals)					
WEEK 30	Internal Assesment & feedback -2 Forensic Medicine (Practicals)					

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 31	IM LECTURE 43: IM7.1 Describe the IM7.2 Describe the genetic basis of a IM7.8 Determine the potential causes features of joint involvement IM7.10 Describe the systemic manife IM7.15 Enumerate the indications for CCP, RA, ANA, DNA and other tests	Clinical Posting	Lunch	**INTEGRATION: EN 1.1 Describe the Anatomy & Physiology of Pharynx AN36.1 Describe the (1) morphology, relations, blood supply and applied anatomy of palatine tonsil and (2) composition of soft palate AN36.2 Describe the components and functions of waldeyer's lymphatic ring AN36.3 Describe the boundaries and clinical significance of pyriform fossa AN36.5Describe the clinical significance of Killian's dehiscence**	**SGT (TUTORIALS) FM 9.4** Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ethanol, methanol, ethylene glycol	Research
WEEK 31	LECTURE PS16.1 Enumerate and de elderly including dementia, depressio PS16.2 Describe the aetiology and m PS16.3 Describe the therapy of psych psychosocial and behavioural therap PS16.5 Enumerate the appropriate co psychiatric disorders in the elderly	Clinical Posting	Lunch	Lecture OP 9.2 Types, diagnosis, complication and management of strabismus. AN 31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies. OP 1.5 Define, enumerate the types and mechanism by which strabismus leads amblyopia.	DOPS OP 9.1 Demonstrate the correct technique to examine extraocular movements (uniocular and binocular).	Research
WEEK 31	**LECTURE OG 21.1 Describe and di**	Clinical Posting	Lunch	**22 Small Group Discussion**	**23 Small Group Discussion - Seminar**	**SDL ORTHO OR 12.1 Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of:** **a. limbs and spine - Scoliosis and spinal bifida** **b. Congenital dislocation of Hip,Torticollis,**
WEEK 31	**SEMINAR SU 28.10 Describe the ap Investigations and principles of ma**	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 9.5** Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates, Organochlorines, Pyrethroids, Paraquat, Aluminium and Zinc phosphide	**SGT (TUTORIALS) FM 9.6** Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ammonia, carbon monoxide, hydrogen cyanide & derivatives, methyl isocyanate, tear (riot control) gases	SDL Atcom Module 3.4: Case studies in bioethics - Confidentiality Class 3
WEEK 31	**LECTURE PE 21.1** Aetiopathogenesis, clinical features and management of UTI	Clinical Posting	Lunch	Integration - OG 22.1 Descri	***Integration contd... OG -(PA 30.6) Desc***	SPORTS
WEEK 31	**LECTURE 27 OR 7.1 Describe and c investigation and principles of mar disorders in particular osteoporosi disease**	Clinical Posting	Lunch	**SEMINAR PE 20.11 PRETER**	**SEMINAR CONTD...**	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 32	TUTORIALS IM7.3 Classify cause of joint pain based on the pathophysiology IM7.5 Describe and discriminate acute, subacute and chronic causes of joint pain IM7.4 Develop a systematic clinical approach to joint pain based on the Pathophysiology IM7.7 Discriminate, describe and discuss distinguishing articular from periarticular complaints IM7.15 Enumerate the indications for and interpret the results of CBC, anti-CCP, RA, ANA, DNA and other tests of autoimmunity IM7.23 Describe the basis for biologic and disease modifying therapy in rheumatologic diseases	Clinical Posting	Lunch	**LECTURE: EN4.32 Describe the clinical features, investigations and principles of management of nasopharyngeal Angiofibroma**	**LECTURE: EN4.32 Describe the clinical features, investigations and principles of management of nasopharyngeal Angiofibroma**	dehis
WEEK 32	**Lecture- DR 14.1** Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema	Clinical Posting	Lunch	Tutorials OP 8.5 Discuss the ocular manifestation of neurological disorders.	Tutorials OP 8.5 Discuss the ocular manifestation of neurological disorders.	Research

WEEK 32	**LECTURE OG 23.1** Describe and discuss the physiology of puberty, features of abnormal puberty, common problems and their management **OG 23.2** Enumerate the causes of delayed puberty. Describe the investigation and management of common causes **OG 23.3** Enumerate the causes of precocious puberty	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 7.1 -** Define Epidemiology and describe and enumerate the principles, concepts and uses **CM 7.3 -** Define, calculate and interpret morbidity and mortality indicators based on given set of data	**Small Group Discussion - Seminar** **CM 7.1 -** Define Epidemiology and describe and enumerate the principles, concepts and uses **CM 7.3 -** Define, calculate and interpret morbidity and mortality indicators based on given set of data	Research
WEEK 32	**SEMINAR SU 28.10** Describe the applied anatomy of liver. Describe the clinical features, Investigations and principles of management of liver abscess	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 10.1** Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: i. Antipyretics – Paracetamol, Salicylates ii. Anti-Infectives (Common antibiotics – an overview) iii. Neuropsychotoxicology Barbiturates, benzodiazepins phenytoin, lithium, haloperidol, neuroleptics, tricyclics iv .Narcotic Analgesics, Anaesthetics, and Muscle Relaxants v. Cardiovascular Toxicology Cardiotoxic plants – oleander, odollam, aconite, digitalis vi. Gastrointestinal and Endocrinal Drugs – Insulin	**SGT (TUTORIALS) FM 10.1** Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: i. Antipyretics – Paracetamol, Salicylates ii. Anti-Infectives (Common antibiotics – an overview) iii. Neuropsychotoxicology Barbiturates, benzodiazepins phenytoin, lithium, haloperidol, neuroleptics, tricyclics iv .Narcotic Analgesics, Anaesthetics, and Muscle Relaxants v. Cardiovascular Toxicology Cardiotoxic plants – oleander, odollam, aconite, digitalis vi. Gastrointestinal and Endocrinal Drugs – Insulin	Research
WEEK 32	**PE 33.1** Describe the Aetiopathogenesis clinical features, management of Hypothyroidism in children	Clinical Posting	Lunch	SEMINAR IM23.1 Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses IM23.3 Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	SEMINAR IM23.5 Counsel and communicate to patients in a simulated environment with illness on an appropriate balanced diet	**SDL PE 33.4** DIABETIC KETOACIDOSIS
WEEK 32	SGD/SEMINAR Integration FM 2.19 Investigation of anaesthetic, operative deaths: Describe and discuss special protocols for conduction of autopsy and for collection, preservation and dispatch of related material evidences (Forensic Medicine and Toxicology Integration).	Clinical Posting	Lunch	**Lecture- DR 17.1** Enumerate and identify the cutaneous findings in vitamin A deficiency	**Lecture- DR 15.3** Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 33	LECTURE IM7.10 Describe the systemic manifestations of rheumatologic disease IM7.13 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology IM7.15 Enumerate the indications for and interpret the results of - CBC, anti-CCP, RA, ANA, DNA and other tests of autoimmunity	Clinical Posting	Lunch	**LECTURE: EN4.31 Describe the clinical features, investigations and principles of management of trauma to the face & neck**	**Small Group Discussion - Seminar** **CM 3.4** Sanitary arrangement during a temporary gathering like fairs, festival, circus, exhibition **CM 1.7** PQLI and DALY	FM practical exam
WEEK 33	**LECTURE PS17.1** Enumerate and describe the recognition and clinical presentation of psychiatric emergencies (Suicide, Deliberate Self Harm, violent behaviour) PS17.2 Describe the initial stabilisation and management of psychiatric Emergencies PS17.3 Enumerate the appropriate conditions for specialist referral in patients with psychiatric emergencies	Clinical Posting	Lunch	Lecture OP 9.5, IM 24.15 Describe various ocular injuries, evaluation, stabilisation, management and refferal.	Integrated teaching PH 1.58 Describe ocular therapeutics	FM practical exam
WEEK 33	**LECTURE OG 24.1** Define, classify and discuss abnormal uterine bleeding, its aetiology, clinical features, investigations, diagnosis and management	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 13.1** Disaster management **CM 3.2, CM 3.4** Hospital sanitation including water, toilet and food etc	**Small Group Discussion - Seminar** **CM 10.6** Cafeteria approach in family welfare **CM 10.6** Social marketing practices in health	SDL PS5.5 Enumerate and describe the pharmacologic basis and side effects of drugs used in schizophrenia
WEEK 33	**SEMINAR SU28.10** Describe the clinical features, Investigations and principles of management of hydatid disease, injuries & tumor of liver	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 14.5, 14.13 (Practical)** Conduct & prepare post-mortem examination report of varied etiologies (at least 15) in a simulated/ supervised environment, To estimate the age of foetus by post-mortem examination	**SGT (TUTORIALS) FM 14.5, 14.13 (Practical)** Conduct & prepare post-mortem examination report of varied etiologies (at least 15) in a simulated/ supervised environment, To estimate the age of foetus by post-mortem examination	SDL
WEEK 33	INTEGRATION AN 25.8 Identify and describe in brief a barium swallow	Clinical Posting	Lunch	**SEMINAR SU 28.6** Describe the clinical features, investigations and principles of management of benign disorders of esophagus	**SEMINAR SU 28.6** Describe the clinical features, investigations and principles of management of malignant disorders of esophagus	FM practical exam
WEEK 33	**Integration teaching 16 OR10.1** Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of benign and malignant bone tumours and pathological fractures **PA33.3** Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of soft tissue tumors	Clinical Posting	Lunch	**CT2.25 seminar** - Describe the role of the environment in the cause and exacerbation of obstructive airway disease	**CT2.26 seminar** - Describe and discuss allergic and non-allergic precipitants of obstructive airway disease.	FM practical exam

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm

WEEK 34	TUTORIALS IM7.10 Describe the systemic manifestations of rheumatologic disease IM7.14 Describe the appropriate diagnostic work up based on the presumed aetiology IM7.19 Develop an appropriate treatment plan for patients with rheumatologic diseases	Clinical Posting	Lunch	**INTEGRATION: EN4.39 Describe the clinical features, choose the correct investigations and describe the principles of management of Acute & Chronic Tonsillitis EN4.26 Describe the clinical features, choose the correct investigations and describe the principles of management of Adenoids EN4.41 Describe the clinical features, investigations and principles of management of Acute & chronic abscesses in relation to Pharynx AN36.1 Describe the (1) morphology, relations, blood supply and applied anatomy of palatine tonsil and (2) composition of soft palate AN36.4 Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess PE28.2 Discuss the etio-pathogenesis of Pharyngo Tonsillitis PE28.3 Discuss the clinical features and management of Pharyngo Tonsillitis**	**INTEGRATION: EN4.39 Describe the clinical features, choose the correct investigations and describe the principles of management of Acute & Chronic Tonsillitis EN4.26 Describe the clinical features, choose the correct investigations and describe the principles of management of Adenoids EN4.41 Describe the clinical features, investigations and principles of management of Acute & chronic abscesses in relation to Pharynx AN36.1 Describe the (1) morphology, relations, blood supply and applied anatomy of palatine tonsil and (2) composition of soft palate AN36.4 Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess PE28.2 Discuss the etio-pathogenesis of Pharyngo Tonsillitis PE28.3 Discuss the clinical features and management of Pharyngo Tonsillitis**	Research
WEEK 34	**CT2.5 Lecture** - Describe and discuss the genetics of alpha 1 antitrypsin deficiency in emphysema	Clinical Posting	Lunch	Tutorials OP 5.2 Discuss ocular manifestation of systemic disorders.	Tutorials OP 5.2 Discuss ocular manifestation of systemic disorders.	Research
WEEK 34	**LECTURE OG 25.1** Describe and discuss the causes of primary and secondary amenorrhea, its investigation and the principles of management **[PE 32.6]** Discuss the genetic basis, risk factors, clinical features, complications, prenatal diagnosis, management and genetic counselling in Turner's Syndrome	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 11.3** Accidents prevention **CM 2.4** Social aspects of suicide and its prevention	**Small Group Discussion - Seminar** **CM 8.1** Emerging infections and Reemerging infections **CM 8.8** Difference between – Food additives, food supplementation, food fortification and food adulteration	SDL- DR Classification of leprosy based on clinical features and Investigations.
WEEK 34	**TUTORIALS SU 28.8** Describe and discuss the aetiology, the clinical features, investigations and principles of management of congenital hypertrophic pyloric stenosis, Peptic ulcer disease.	Clinical Posting	Lunch	Alcom Module 3.4: Case studies in bioethics - Confidentiality Class 4 - Lecture	Alcom Module 3.4: Case studies in bioethics - Confidentiality Class 5 - Discussion and closure of case	
WEEK 34	**LECTURE PE 33.4** Discuss the Aetiopathogenesis, clinical types, presentations, complication and management of Diabetes mellitus in children	Clinical Posting	Lunch	**Integrated teaching /seminar 17** **OR1.3** Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of soft tissue injuries **FM3.12** Regional Injuries Describe and discuss injuries related to fall from height and vehicular injuries – Primary and Secondary impact, Secondary injuries, crush syndrome, railway spine.	**Integrated teaching / seminar 18** **OR2.10** Describe and discuss the aetiopathogenesis, mechanism of injury, clinical features, investigations and principles of management of fractures of proximal femur **IM24.14** Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of common fractures in the elderly	SPORTS
WEEK 34	**Integration teaching 19** **OR9.1** Describe and discuss the aetiopathogenesis, clinical features, assessment and principles of management of Cerebral palsy patient **PM1.4** Enumerate the rights and entitlements of differently abled persons	Clinical Posting	Lunch	**LECTURE PS14.1** Enumerate and describe the magnitude and etiology of psychiatric disorders occurring in childhood and adolescence PS14.3 Describe the treatment of stress related disorders including behavioural, psychosocial and pharmacologic therapy PS14.5 Enumerate and describe the pharmacologic basis and side effects of drugs used in psychiatric disorders occurring in childhood and adolescence PS14.6 Enumerate the appropriate conditions for specialist referral in children and adolescents with psychiatric disorders	**LECTURE PS15.1** Describe the aetiology and magnitude of mental retardation PS15.2 Describe and discuss intelligence quotient and its measurement PS15.4 Describe the psychosocial interventions and treatment used in mental retardation	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 35	LECTURE IM7.10 Describe the systemic manifestations of rheumatologic disease IM7.14 Describe the appropriate diagnostic work up based on the presumed aetiology	Clinical Posting	Lunch	**LECTURE: EN4.37 Describe the clinical features, investigations and principles of management of Ludwig's angina EN4.41 Describe the clinical features, investigations and principles of management of Acute & chronic abscesses in relation to Pharynx**	**SGT (TUTORIALS) FM 12.1** Describe features and management of abuse/poisoning with following camicals: Tobacco, cannabis, amphetamines, cocaine, hallucinogens, designer drugs & solvent	Research
WEEK 35	**LECTURE PS18.1** Enumerate the indications and describe the pharmacology, dose and side effects of commonly use drugs in psychiatric disorders PS18.2 Enumerate the indications for modified electroconvulsive therapy	Clinical Posting	Lunch	Tutorials PH1.58 Discuss the ocular side effects systemic drugs	Tutorials OP 9.4 Describe various causes of Blindness and its management.	Research
WEEK 35	**LECTURE OG 26.1** Describe and discuss the etiopathogenesis, clinical features, investigation and implications on health and fertility and management of endometriosis and adenomyosis	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 14.3** Hospital Waste Management – Newer Guidelines **CM 1.5** Difference between – Prevention and control, Disability and Handicap, Isolation and Quarantine	**Small Group Discussion - Seminar** **CM 7.2** Difference between – Epidemic and Endemic, Incubation period and Latent period **CM 7.2** Difference between – Sterilization and Disinfection, Elimination and Eradication, Infection and Infestation	**SDL** :- Discuss and describe preventive measures to reduce OAD in workplaces.
WEEK 35	**SEMINAR SU 28.8** Describe and discuss the aetiology, the clinical features, investigations and principles of management of Carcinoma stomach	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 11.1** Describe features and management of Snake bite, scorpion sting, bee and wasp sting and spider bite	**SGT (TUTORIALS) FM 13.1, 13.2** Describe toxic pollution of environment, its medico-legal aspects & toxic hazards of occupation and industry. Describe medico-legal aspects of poisoning in Workman's Compensation Act	SDL

WEEK 35	**LECTURE PE 32.1 -** Discuss the genetic basis, risk factors, clinical features, complications, prenatal diagnosis, management and genetic counselling in Down Syndrome	Clinical Posting	Lunch	**SEMINAR OG 28.1** Describe and discuss the common causes, pathogenesis, clinical features, differential diagnosis; investigations; principles of management of infertility – methods of tubal patency, ovulation induction, assisted reproductive techniques	**SEMINAR CONTD...**	SPORTS
WEEK 35	**SEMINAR/INTEGRATED TEACHING 20 OR6.1** Describe and discuss the clinical features, investigations and principles of management of degenerative condition of spine (Cervical Spondylosis, Lumbar Spondylosis, PID) **IM24.12** Describe and discuss the aetiopathogenesis, clinical presentation, identification, functional changes, acute care, stabilization, management and rehabilitation of degenerative joint disease	Clinical Posting	Lunch	**SEMINAR PE 19.14** - Biomedical waste disposal measures; color coding; Infection control measures and appropriate handling of the sharps		SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 36	LECTURE IM7.3 Classify cause of joint pain based on the pathophysiology IM7.5 Describe and discriminate acute, subacute and chronic causes of joint pain IM7.14 Describe the appropriate diagnostic work up based on the presumed aetiology IM7.16 Enumerate the indications for arthrocentesis	Clinical Posting	Lunch	**LECTURE: EN4.35 Describe the clinical features, investigations and principles of management of Tumors of Nasopharynx**	**LECTURE: EN4.35 Describe the clinical features, investigations and principles of management of Tumors of Nasopharynx**	Research
WEEK 36	Lecture- DR 11.1 Describe the etiology, pathogenesis and clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections	Clinical Posting	Lunch	Seminar OP 3.1- 3.9 Conjunctiva OP3.1 Elicit document and present an appropriate history in a patient presenting with a "red eye" including congestion, discharge, pain OP3.2 Demonstrate document and present the correct method of examination of a "red eye" including vision assessment, corneal lustre, pupil abnormality, ciliary tenderness OP 3.3 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications, and management of various causes of conjunctivitis OP3.4 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of trachoma	Seminar OP 3.1- 3.9 Conjunctiva OP3.5 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of vernal catarrh OP3.6 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of pterygium OP3.7 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of symblepharon OP3.8 Demonstrate correct technique of removal of foreign body from the eye in a simulated environment OP3.9 Demonstrate the correct technique of instillation of eye drops in a simulated environment	Research
WEEK 36	**TUTORIAL- OG 26.2** Describe the causes, prevention, clinical features, principles of management of genital injuries and fistulae	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 9.7** Census and its role in health **CM 9.7** Sample Registration System	**Small Group Discussion - Seminar** **CM 8.3** Screening of HIV **CM 6.4** Normal curve and its Importance	SDL OBG - **OG 21.2** - PPIUCD
WEEK 36	**SEMINAR SU 28.11** Describe the applied anatomy of spleen. Describe the clinical features, investigations and principles of management of splenic injuries. Describe the post-splenectomy sepsis - prophylaxis	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 14.16 (Practical)** To examine & prepare medico-legal report of drunk person in a simulated/ supervised environment	**SGT (TUTORIALS) FM 14.16 (Practical)** To examine & prepare medico-legal report of drunk person in a simulated/ supervised environment	SDL
WEEK 36	**LECTURE PE 31.5 -** Discuss the etio-pathogenesis, clinical types, presentations, management and prevention of childhood Asthma	Clinical Posting	Lunch	SEMINARIM9.5 Generate a differential diagnosis and prioritize based on clinical features that suggest a specific etiology	SEMINAR IM9.7 Describe and discuss the meaning and utility of various components of the hemogram IM9. 17Describe the indications for blood transfusion and the appropriate use of blood components	SPORTS
WEEK 36	INTEGRATION AN54.1 Describe & identify features of plain X ray abdomen	Clinical Posting	Lunch	SEMINAR Integration IM 24.11 Describe and discuss the aetiopathogenesis, clinical presentation identification, functional changes, acute care, stabilization,management and rehabilitation of the elderly undergoing surgery (General medicine Integration)	SEMINAR/Simulation SU 11.3 Demonstrate maintenance of an airway in a mannequin or Equivalent(General surgery Integration) ATLS SEMINAR/ Simulation OR 1.1 Describe and discuss the Principles of Pre hospital care and Casuality management of a trauma victim including principles of Triage.(Orthopeadics Integration).	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 37	LECTURE IM7.3 Classify cause of joint pain based on the pathophysiology IM7.4 Develop a systematic clinical approach to joint pain based on the Pathophysiology IM7.6 Discriminate, describe and discuss arthralgia from arthritis and mechanical from inflammatory causes of joint pain IM7.14 Describe the appropriate diagnostic work up based on the presumed aetiology	Clinical Posting	Lunch	**INTEGRATION: EN 1.1 Describe the Anatomy & Physiology of Larynx AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx**		Research
WEEK 37	**LECTURE PS18.3** Enumerate and describe the principles and role of psychosocial interventions in psychiatric illness including psychotherapy behavioural therapy and rehabilitation-psychology	Clinical Posting	Lunch	Seminar OP 4.1- 4.10 cornea OP4.1 Enumerate, describe and discuss the types and causes of corneal ulceration OP4.2 Enumerate and discuss the differential diagnosis of infective keratitis OP4.3 Enumerate the causes of corneal edema OP4.4 Enumerate the causes and discuss the management of dry eye OP4.5 Enumerate the causes of corneal blindness	Seminar OP 4.1- 4.10 cornea OP4.6 Enumerate the indications and the types of keratoplasty OP4.7 Enumerate the indications and describe the methods of tarsorraphy OP4.8 Demonstrate technique of removal of foreign body in the cornea in a simulated environment OP4.9 Describe and discuss the importance and protocols involved in eye donation and eye banking OP4.10 Counsel patients and family about eye donation in a simulated environment	Research

WEEK 37	**LECTURE OG 27.1** Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of sexually transmitted infections **OG 27.2** Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of genital tuberculosis. **OG 27.3** Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of HIV	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 9.1** Birth and Death Registration System **CM 3.2** Birth and Death Registration System	**Small Group Discussion - Seminar** **CM 3.6** Integrated vector control measures **CM 5.2** Anthropometric measurements	SDL
WEEK 37	**SEMINAR SU 28.12** Describe the applied anatomy of biliary system. Describe the clinical features, investigations and principles of management of diseases of biliary system	Clinical Posting	Lunch	**SGT (TUTORIALS) FM 14.17 (Practical)** To identify & draw medico-legal inference from common poisons e.g. dhatura, castor, cannabis, opium, aconite copper sulphate, pesticides compounds, marking nut, oleander, Nux vomica, abrus seeds, Snakes, capsicum, calotropis, lead compounds & tobacco.	**SGT (TUTORIALS) FM 14.17 (Practical)** To identify & draw medico-legal inference from common poisons e.g. dhatura, castor, cannabis, opium, aconite copper sulphate, pesticides compounds, marking nut, oleander, Nux vomica, abrus seeds, Snakes, capsicum, calotropis, lead compounds & tobacco.	SDL
WEEK 37	**SMALL GROUP DISCUSSION: EN4.63 Enumerate and Discuss the clinical features, investigations and principles of management of HIV manifestations in ENT**	Clinical Posting	Lunch	IA Medicine	IA 2	SPORTS
WEEK 37	**LECTURE 13 OR14.2 Demonstrate the ability to counsel patients to obtain consent for various orthopedic procedures like limp amputation, permanent fixations etc.**	Clinical Posting	Lunch	IA Surgery	IA 2	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 38	TUTORIALS IM7.14 Describe the appropriate diagnostic work up based on the presumed aetiology IM7.17 Enumerate the indications and interpret plain radiographs of joints	Clinical Posting	Lunch	**INTEGRATION: EN4.43 Describe the clinical features, investigations and principles of management of Acute & Chronic Laryngitis EN4.44 Describe the clinical features, investigations and principles of management of benign lesions of the vocal cord AN38.2 Describe the anatomical aspects of laryngitis PE28.5 Discuss the etio-pathogenesis, clinical features and management of Epiglottitis PE28.6 Discuss the etio-pathogenesis, clinical features and management of Acute laryngo- trachea-bronchitis**	**SEMINAR : EN4.22 Describe the clinical features, choose the correct investigations and describe the principles of management of Nasal Obstruction**	Research
WEEK 38	CT1.3 **Lecture** -Discuss and describe the impact of co-infection with HIV and other co-morbid conditions. Like diabetes on the natural history of tuberculosis	Clinical Posting	Lunch	Seminar OP 7.1-7.6 Lens OP7.1 Describe the surgical anatomy and the metabolism of the lens OP7. 2 Describe and discuss the aetio-pathogenesis, stages of maturation and complications of cataract OP7.3 Demonstrate the correct technique of ocular examination in a patient with a cataract	Seminar OP 7.1-7.6 Lens OP7.4 Enumerate the types of cataract surgery and describe the steps, intra-operative and post-operative complications of extracapsular cataract extraction surgery OP7.5 To participate in the team for cataract surgery OP7.6 Administer informed consent and counsel patients for cataract surgery in a simulated environment	Research
WEEK 38	**TUTORIAL- OG 27.4** Describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations, management and long term implications of Pelvic Inflammatory Disease	Clinical Posting	Lunch	**Small Group Discussion - Seminar** **CM 17.5** Organizational structure and functions of PHC **CM 17.5** Organizational structure and functions of Sub Center	**Small Group Discussion - Seminar** **CM 5.6** ICDS Programme **CM 16.2** Steps in health planning	SDL CM Topic:HIV IM6.1 Describe and discuss the symptoms and signs of acute HIV Seroconversion IM6.2 Define and classify HIV AIDS based on the CDC criteria IM6.16 Discuss and describe the principles of HAART, the classes of antiretrovirals used, adverse reactions and interactions IM6.17 Discuss and describe the principles and regimens used in post exposure prophylaxis
WEEK 38	**SEMINAR SU 28.14** Describe the clinical features, investigations and principles of management of disorders of small and large intestine including neonatal obstruction and Short gut syndrome	Clinical Posting	Lunch			**SDL Aetcom Module 3.5:** Case studies in bioethics - Fiduciary duty Class 2
WEEK 38	**LECTURE PE 24.2, 24.3** - Discuss the classification and clinical presentation of various types of diarrheal dehydration , Discuss the physiological basis of ORT, types of ORS and the composition of various types of ORS	Clinical Posting	Lunch	IA OBG	IA 2	SPORTS
WEEK 38	**LECTURE 14** **OR12.1** Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of: a. limbs and spine - Scoliosis and spinal bifida b. Congenital dislocation of Hip, Torticollis, c. congenital talipes equino varus	Clinical Posting	Lunch	IA Paediatrics	IA 2	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm

WEEK 39	LECTURE IM22.1 Enumerate the causes of hypercalcemia and distinguish the features of PTH vs non PTH mediated hypercalcemia IM22.2 Describe the aetiology, clinical manifestations, diagnosis and clinical approach to primary hyperparathyroidism IM22.3 Describe the approach to the management of hypercalcemia IM22.4 Enumerate the components and describe the genetic basis of the multiple endocrine neoplasia syndrome	Clinical Posting	Lunch	**INTEGRATION: EN4.45 Describe the clinical features, investigations and principles of management of Vocal cord palsy AN38.3 Describe anatomical basis of recurrent laryngeal nerve injury**	**Small Group Discussion - Seminar** **CM 16.3** Supervision, Monitoring and Evaluation **CM 16.3** CPM – Critical Path Method, PERT – Program Evaluation Review Technique	Research
WEEK 39	**LECTURE PS3.7** Enumerate and describe common organic psychiatric disorders, magnitude, etiology and clinical features PS3.8 Enumerate and describe the essential investigations in patients with organic psychiatric disorders	Clinical Posting	Lunch	Seminar OP 8.1 - 8.5 Retina OP8.1 Discuss the aetiology, pathology, clinical features and management of vascular occlusions of the retina OP8.2 Enumerate the indications for laser therapy in the treatment of retinal diseases (including retinal detachment, retinal degenerations, diabetic retinopathy & hypertensive retinopathy) OP8.3 Demonstrate the correct technique of a fundus examination and describe and distinguish the funduscopic features in a normal condition and in conditions causing an abnormal retinal exam	Seminar OP 8.1 - 8.5 Retina OP8.4 Enumerate and discuss treatment modalities in management of diseases of the retina OP8.5 Describe and discuss the correlative anatomy, aetiology, clinical manifestations, diagnostic tests, imaging and management of diseases of the optic nerve and visual pathway	Research
WEEK 39	**LECTURE OG 30.1** Describe and discuss the etiopathogenesis, clinical features, differential diagnosis, investigations; management, complications of PCOS **OG 30.2** Enumerate the causes and describe the investigations and management of hyperandrogenism	Clinical Posting	Lunch	**Small Group Discussion** **CM 9.1** - Define and describe the principles of Demography, Demographic cycle, Vital statistics	**Small Group Discussion** **CM 9.2** - Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates **CM 9.3** - Enumerate and describe the causes of declining sex ratio and its social and health implications	SDL AN25.7 Identify structures seen on a plain x-ray chest (PA view
WEEK 39	**TUTORIALS SU 28.15** Describe the clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications.	Clinical Posting	Lunch			**SDL Aetcom Module 3.5:** Case studies in bioethics - Fiduciary duty Cass 3
WEEK 39	SEMINAR/Integration /Simulation AS 2.1 - Enumerate the indications, describe the steps and demonstrate in an simulated environment , basic life support in adults , Children and neonates(Integration General medicine , Peadiatric) AS 2.2 - Enumerate the indications, describe the steps and demonstrate in a simulated environment , Advanced life support in adults and children (Integration General Medicine)	Clinical Posting	Lunch	**TUTORIALS SU 28.16** Describe applied anatomy including congenital anomalies of the rectum and anal canal **SU 28.17** Describe the clinical features, investigations and principles of management of common anorectal diseases	**TUTORIALS SU 29.1** Describe the causes, investigations and principles of management of Hematuria	SPORTS
WEEK 39	LECTURE 15 OR10.1 Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of benign and malignant bone tumours and pathological fractures	Clinical Posting	Lunch	**SEMINAR / SMALL GROUP DISCUSSION PE 7.1, 7.2,7.3,7.4,7.5,7.6** - Awareness on the cultural beliefs and practices of breast feeding Explain the physiology of lactation, Explain the physiology of lactation, Enumerate the baby friendly hospital initiatives	**SEMINAR / SMALL GROUP DISCUSSION PE 7.1, 7.2,7.3,7.4,7.5,7.6** - Describe the composition and types of breast milk and discuss the differences between cow's milk and Human milk Discuss the advantages of breast milk correct technique of breast feeding and distinguish right from wrong techniques	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 40	TUTORIALS IM22.5 Enumerate the causes and describe the clinical features and the correct approach to the diagnosis and management of the patient with hyponatremia IM22.6 Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hyponatremia	Clinical Posting	Lunch	**INTEGRATION: EN4.47 Describe the clinical features, investigations and principles of management of Stridor PE28.7 Discuss the etiology, clinical features and management of Stridor in children EN4.48 Describe the clinical features, choose the correct investigations and describe the principles of management of Airway Emergencies EN4.49 Describe the clinical features, choose the correct investigations and describe the principles of management of foreign bodies in the air & food passages PE28.8 Discuss the types, clinical presentation, and management of foreign body aspiration in infants and children**	**INTEGRATION: EN4.47 Describe the clinical features, investigations and principles of management of Stridor PE28.7 Discuss the etiology, clinical features and management of Stridor in children EN4.48 Describe the clinical features, choose the correct investigations and describe the principles of management of Airway Emergencies EN4.49 Describe the clinical features, choose the correct investigations and describe the principles of management of foreign bodies in the air & food passages PE28.8 Discuss the types, clinical presentation, and management of foreign body aspiration in infants and children**	Research
WEEK 40	**LECTURE PS3.2** R Enumerate, describe and discuss important signs & symptoms of common mental disorders	Clinical Posting	Lunch	Seminar OP 6.1 -6.4 Uvea OP6.1 Describe clinical signs of intraocular inflammation and enumerate the features that distinguish granulomatous from nongranulomatous inflammation. Identify acute iridocyclitis from chronic condition OP6.2 Identify and distinguish acute iridocyclitis from chronic iridocyclitis	Seminar OP 6.1 -6.4 Uvea OP6.3 Enumerate systemic conditions that can present as iridocyclitis and describe their ocular manifestations OP6.4 Describe and distinguish hyphema and hypopyon	Research
WEEK 40	**LECTURE OG 32.1** Describe and discuss the physiology of menopause, symptoms, prevention, management and the role of hormone replacement therapy. **OG 32.2** Enumerate the causes of postmenopausal bleeding and describe its management	Clinical Posting	Lunch	**Small Group Discussion** **CM 9.4** - Enumerate and describe the causes and consequences of population explosion and population dynamics of India **CM 9.6** - Describe the National Population Policy **CM 9.7** - Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc	**Small Group Discussion** **CM 10.6** Enumerate and describe various family planning methods, their advantages and shortcomings	**SDL PE 14.1, 14.2, 14.3** - Discuss the risk factors, clinical features, diagnosis and management of Lead Poisoning, Kerosene poisoning and Organophsphorous poisoning

WEEK 40	**TUTORIAL SU 29.2** Describe the clinical features, investigations and principles of management of congenital anomalies of genitourinary system	Clinical Posting	Lunch			Revision - Uvea Uvea OP6.1 Describe clinical signs of intraocular inflammation and enumerate the features that distinguish granulomatous from nongranulomatous inflammation. Identify acute iridocyclitis from chronic condition OP6.2 Identify and distinguish acute iridocyclitis from chronic iridocyclitis OP6.3 Enumerate systemic conditions that can present as iridocyclitis and describe their ocular manifestations OP6.4 Describe and distinguish hyphema and hypopyon
WEEK 40	**LECTURE PE 19.16** - available newer vaccines and their indications including JE, typhoid IPV & HPV, Flu, Covid vaccines	Clinical Posting	Lunch	**SEMINAR OG 29.1** Describe and discuss the etiology, pathology, clinical features; differential diagnosis; investigations; principles of management, complications of fibroid uterus	**SEMINAR CONTD...**	SPORTS
WEEK 40	Lecture AS 10.1 Enumerate the hazards of incorrect patient positioning AS 10.2 Enumerate the hazards encountered in the perioperative period and steps/techniques taken to prevent them AS 10.3 Describe the role of communication in patient safety	Clinical Posting	Lunch	LECTURE AN 54.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography &Hysterosalpingography)	LECTURE AN 54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 41	LECTURE IM22.7 Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hypokalemia IM22.8 Enumerate the causes and describe the clinical and laboratory features and the correct approach to the diagnosis and management of the patient with hyperkalemia	Clinical Posting	Lunch	**LECTURE: EN4.48 Describe the clinical features, choose the correct investigations and describe the principles of management of Airway Emergencies EN4.50 Describe the indications for and steps involved in tracheostomy EN4.51 Describe the care of the patient with a tracheostomy**		Research
WEEK 41	**Lecture-** DR 7.1 Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of dermatophytes in adults and children	Clinical Posting	Lunch	Seminar Op 6.5 -6.10 Glaucoma OP6.5 Describe and discuss the angle of the anterior chamber and its clinical correlates OP6.6 Identify and demonstrate the clinical features and distinguish and diagnose common clinical conditions affecting the anterior chamber OP6.7 Enumerate and discuss the aetiology, the clinical distinguishing features of shallow and deep anterior chamber. Choose appropriate investigations for patients with above conditions of the anterior chamber	Seminar Op 6.5 -6.10 Glaucoma OP6.8 Enumerate and choose the appropriate investigation for patients with conditions affecting the Uvea OP6.9 Choose the correct local and systemic therapy for conditions of the anterior chamber and enumerate their indications, adverse events and interactions OP6.10 Counsel patients with conditions of the iris and anterior chamber about their diagnosis, therapy and prognosis in an empathetic manner in a simulated environment	Research
WEEK 41	**LECTURE OG 33.1** Classify, describe and discuss the etiology, pathology, clinical features, differential diagnosis, investigations and staging of cervical cancer	Clinical Posting	Lunch	**Small Group Discussion - Tutorials CM 7.5** Enumerate, define, describe and discuss epidemiological study designs – Descriptive Epidemiology, Case Control Study Design, Cohrt Study Design, Experiemntal Study Design	**Small Group Discussion - Tutorials CM 7.5** Enumerate, define, describe and discuss epidemiological study designs – Descriptive Epidemiology, Case Control Study Design, Cohrt Study Design, Experiemntal Study Design	SDL PS6.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in depression
WEEK 41	**TUTORIALS SU 29.3** Describe the Clinical features, investigations and principles of management of urinary tract infections	Clinical Posting	Lunch			Revision - Community Ophthal OP 9.4 Discuss about Blindness, NPCB and Vision2020 OP- 4.9- Describe and discuss importance and protocols of eye donation.Describe the functions of eye banking.
WEEK 41	**LECTURE PE 30.12, 30.13** Describe the Aetiopathogenesis, diagnosis, clinical features, management and prevention of poliomyelitis and Describe the Aetiopathogenesis, diagnosis, clinical features, management and approach to a floppy child and acute flaccid paralysis	Clinical Posting	Lunch	SEMINAR IM15.11 Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss AND Management of other shock	SEMINAR IM15.11 Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss AND Management of other shock	SPORTS
WEEK 41	**LECTURE 16 OR 11.1 Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of peripheral nerve injuries in diseases like foot drop, wrist drop, claw hand, palsies of Radial, Ulnar, Median, Lateral Popliteal and Sciatic N**erves	Clinical Posting	Lunch	**CT1.4 Vertical Integration** - Describe the epidemiology, the predisposing factors and microbial and therapeutic factors that determine resistance to drugs.	**CT1.4 Vertical Integration** - Describe the epidemiology, the predisposing factors and microbial and therapeutic factors that determine resistance to drugs.	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 42	TUTORIALS IM22.9 Enumerate the causes and describe the clinical and laboratory features of metabolic acidosis IM22.10 Enumerate the causes of describe the clinical and laboratory features of metabolic alkalosis IM22.11 Enumerate the causes and describe the clinical and laboratory features of respiratory acidosis IM22.12 Enumerate the causes and describe the clinical and laboratory features of respiratory alkalosis	Clinical Posting	Lunch	**LECTURE: EN4.46 Describe the clinical features, investigations and principles of management of malignancy of the Larynx & Hypopharynx**	**SMALL GROUP: EN 4.40** Observe and describe the indications for and steps involved in a tonsillectomy / adenoidectomy	Research

WEEK 42	SEMINAR PS17.1 Enumerate and describe the recognition and clinical presentation of psychiatric emergencies (Suicide, Deliberate Self Harm, violent behaviour) PS17.2 Describe the initial stabilisation and management of psychiatric Emergencies	Clinical Posting	Lunch	Seminar OP 2.1-2.8 Lids, adnexa and orbit OP2.1 Enumerate the causes, describe and discuss the aetiology, clinical presentations and diagnostic features of common conditions of the lid and adnexa including Hordeolum externum/ internum, blepharitis, preseptal cellulitis, dacryocystitis, hemangioma, dermoid, ptosis, entropion, lid lag, lagophthalmos OP2.2 Demonstrate the symptoms & clinical signs of conditions enumerated in OP2.1 OP2.3 Demonstrate under supervision clinical procedures performed in the lid including: bells phenomenon, assessment of entropion/ ectropion, perform the regurgitation test of lacrimal sac. massage technique in cong. dacryocystitis, and trichiatic cilia removal by epilation OP2.4 Describe the aetiology, clinical presentation. Discuss the complications and management of orbital cellulitis	Seminar OP 2.1-2.8 Lids, adnexa and orbit OP2.5 Describe the clinical features on ocular examination and management of a patient with cavernous sinus thrombosis OP2.6 Enumerate the causes and describe the differentiating features, and clinical features and management of proptosis OP2.7 Classify the various types of orbital tumours. Differentiate the symptoms and signs of the presentation of various types of ocular tumours OP2.8 List the investigations helpful in diagnosis of orbital tumors. Enumerate the indications for appropriate referral	Research
WEEK 42	LECTURE **OG 33.2** Describe the principles of management including surgery and radiotherapy of Benign, Pre-malignant (CIN) and Malignant Lesions of the Cervix **OG 33.4** Enumerate the methods to prevent cancer of cervix including visual inspection with acetic acid (VIA), visual inspection of cervix with Lugol's iodine (VILI), pap smear and colposcopy	Clinical Posting	Lunch	**Small Group Discussion - Tutorials CM 7.6** - Describe the principles of association, causation and biases in epidemiological studies **CM 7.7** – Describe and demonstrate the steps in the investigation of an epidemic of communicable disease and describe the principles of control measures	**Small Group Discussion - Tutorials CM 7.6** Enumerate and evaluate the screening tests	SDL SURG SU17.3 Describe the Principles in management of mass casualties
WEEK 42	**TUTORIAL SU 29.4** Describe the clinical features, investigations and principles of management of hydronephrosis	Clinical Posting	Lunch	**Aetcom Module 3.5:** Case studies in bioethics - Fiduciary duty Class 4	**Aetcom Module 3.5:** Case studies in bioethics - Fiduciary duty Class 5	Revision - Optic Nerve OP 8.5 Discuss the clinical features, investigations and management of optic neuritis. PY 10.19- Describe and discuss visual evoked potential.
WEEK 42	TUTORIALS IM6.12 Enumerate the indications and describe the findings for CT of the chest and brain.	Clinical Posting	Lunch	**SEMINAR SU 29.5** Describe the clinical features, investigations and principles of management of renal calculi **SU 29.6** Describe the clinical features, investigations and principles of management of renal tumours	**TUTORIALS SU 29.7** Describe the principles of management of acute and chronic retention of urine	SPORTS
WEEK 42	**LECTURE 17 OR5.1** Describe and discuss the aetiopathogenesis, clinical features, investigations and principles of management of various inflammatory disorder of joints	Clinical Posting	Lunch	**VERTICAL INTEGRATION PHARMACOLOGY PS3.10** Enumerate and describe the pharmacologic basis and side effects of drugs used in psychiatric disorders	**SEMINAR PS8.1** Enumerate and describe the magnitude and etiology of anxiety disorders PS8.4 Describe the treatment of anxiety disorders including behavioural and pharmacologic therapy PS8.6 Enumerate and describe the pharmacologic basis and side effects of drugs used in anxiety disorders PS8.7 Enumerate the appropriate conditions for specialist referral in anxiety disorders	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 43	LECTURE IM22.5 Enumerate the causes and describe the clinical features and the correct approach to the diagnosis and management of the patient with hyponatremia	Clinical Posting	Lunch	**LECTURE: EN4.36 Describe the clinical features, investigations and principles of management of diseases of the Salivary glands**	**Small Group Discussion - Tutorials CM 6.4** Enumerate, discuss and demonstrate the common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	Research
WEEK 43	CT2.20 Lecture-Describe and discuss the principles and use of oxygen therapy in the hospital and at home	Clinical Posting	Lunch	Seminar OP 9.4 Community ophthalmology OP9.4 Enumerate, describe and discuss the causes of avoidable blindness and the National Programs for Control of Blindness (including vision 2020)	Seminar OP 9.4 Community ophthalmology OP9.4 Enumerate, describe and discuss the causes of avoidable blindness and the National Programs for Control of Blindness (including vision 2020)	Research
WEEK 43	LECTURE OG 31.1 Describe and discuss the etiology, classification, clinical features, diagnosis, investigations, principles of management and preventive aspects of prolapse of uterus	Clinical Posting	Lunch	**Small Group Discussion - Tutorials CM 6.3** Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	**Small Group Discussion - Tutorials CM 11.3** Enumerate and describe specific occupational health hazards, risk factors and preventive measures **CM11.4** Describe the principles of ergonomics in health preservation	SDL - DR Grading of Acne
WEEK 43	**TUTORIALS SU 29.8** Describe the clinical features, investigations and principles of management of bladder cancer	Clinical Posting	Lunch			Revision - Squint OP 9.2 Types, diagnosis, complication and management of strabismus. AN 31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies. OP 1.5 Define, enumerate the types and mechanism by which strabismus leads amblyopia.
WEEK 43	**LECTURE PE 1.1, 1.2, 1.3 , 1.5, 1.6, 3.2** Growth and development and factors affecting it. Growth chart Define development and discuss the normal developmental mile stones with respect to motor, behaviour, social, adaptive and language Developmental assessment	Clinical Posting	Lunch	**Integration 21** OR12.1 Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of: a. limbs and spine - Scoliosis and spinal bifida PM7.5 Enumerate the indications and identify the common mobility aids and appliances, wheel chairs	**LECTURE 18 OR8.1** Describe and discuss the aetiopathogenesis, clinical features, assessment and principles of management a patient with Post Polio Residual Paralysis	SPORTS

WEEK 43	TUTORIALS IM7.18 Enumerate the indications and interpret plain radiographs of joints	Clinical Posting	Lunch	(DOAP/SGD-small group discussion) Integration AS 8.1 Describe the anatomical correlates and physiologic principles of pain AS 8.2 Elicit and determine the level, quality and quantity of pain and its tolerance in patient or surrogate AS 8.3 Describe the pharmacology and use of drugs in the management of pain AS 8.4 Describe the principles of pain management in palliative care AS 8.5 Describe the principles of pain management in the terminally ill	SU 11.5 Describe principles of providing post-operative pain relief and management of chronic pain.(General Surgery Integration)	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 44	LECTURE IM23.1 Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses IM23.2 Discuss and describe the causes and consequences of protein caloric malnutrition in the hospital IM23.3 Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	Clinical Posting	Lunch	**SEMINAR : EN4.38 Describe the clinical features, choose the correct investigations and describe the principles of management of type of dysphagia**	**SEMINAR EN 4.52. Describe the clinical features , investigations and principles of management of Diseases of Oesophagus.**	Research
WEEK 44	SEMINAR PS17.3 Enumerate the appropriate conditions for specialist referral in patients with psychiatric emergencies	Clinical Posting	Lunch	Revision - Cataract OP7.1 Describe the surgical anatomy and the metabolism of the lens OP7.2 Describe and discuss the aetio-pathogenesis, stages of maturation and complications of cataract OP7.3 Demonstrate the correct technique of ocular examination in a patient with a cataract	Revision - Cataract OP7.4 Enumerate the types of cataract surgery and describe the steps, intra-operative and post-operative complications of extracapsular cataract extraction surgery OP7.5 To participate in the team for cataract surgery OP7.6 Administer informed consent and counsel patients for cataract surgery in a simulated environment	Research
WEEK 44	**LECTURE OG 34.1** Describe and discuss aetiology, pathology, staging, clinical features, differential diagnosis, investigations, staging laparotomy and principles of management of endometrial cancer	Clinical Posting	Lunch	**Small Group Discussion - Tutorials** **CM 11.1** Enumerate and describe the presenting features of patients with occupational illness (Lead Poisoning, Occupational Cancer, Agricultural Workers, Industrial Accidents, Sickness Absenteeism, Health problems due to industrialization)	**Small Group Discussion - Tutorials** **CM 11.2** Describe the role, benefits and functioning of the employees state insurance scheme	**SDL ORTHO OR 12.2** Describe and discuss the clinical features, investigations and principles of management of Congenital and acquired malformations and deformities of: c. congenital talipes equino varus
WEEK 44	**TUTORIALS SU 29.9** Describe the clinical features, investigations and principles of management of disorders of prostate	Clinical Posting	Lunch			SDL
WEEK 44	PE 10.1, 10.2, Aetiology, clinical features management of Severe Acute Malnutrition (SAM) and Moderate Acute Malnutrition (MAM)	Clinical Posting	Lunch	**SEMINAR OG 34.3** Describe and discuss the etiology, pathology, classification, staging, clinical features, differential diagnosis, investigations and management of gestational trophoblastic disease	**SEMINAR CONTD...**	SPORTS
WEEK 44	AS 5.4 Observe and describe the pharmacology and correct use of commonly used drugs and adjuvant agents in regional anesthesia	Clinical Posting	Lunch	**SEMINAR PE 16.2, 20.18** Risk Stratification in a sick neonate & child < 2 months using IMNCI guidelines		SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 45	LECTURE IM23.4 Enumerate the indications for enteral and parenteral nutrition in critically ill patients	Clinical Posting	Lunch	**SEMINAR : EN4.42 Describe the clinical features, choose the correct investigations and describe the principles of management of hoarseness of voice**	**Small group discussion : EN4.50 Discuss the indications for and steps involved in tracheostomy**	Research
WEEK 45	**Lecture- DR 18.2** Enumerate the cutaneous features of Hypo and Hyper Thyroidism	Clinical Posting	Lunch	Revision - Cornea and Conjunctiva OP3.1 Elicit document and present an appropriate history in a patient presenting with a "red eye" including congestion, discharge, pain OP3.2 Demonstrate document and present the correct method of examination of a "red eye" including vision assessment, corneal lustre, pupil abnormality, ciliary tenderness OP 3.3 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications. and management of various causes of conjunctivitis OP4.1 Enumerate, describe and discuss the types and causes of corneal ulceration OP4.2 Enumerate and discuss the differential diagnosis of infective keratitis OP4.3 Enumerate the causes of corneal edema	Revision - Cornea and Conjunctiva OP4.6 Enumerate the indications and the types of keratoplasty OP4.7 Enumerate the indications and describe the methods of tarsorraphy OP4.8 Demonstrate technique of removal of foreign body in the cornea in a simulated environment OP4.9 Describe and discuss the importance and protocols involved in eye donation and eye banking OP3.5 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of vernal catarrh OP3.6 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of pterygium OP3.7 Describe the aetiology, pathophysiology, ocular features, differential diagnosis, complications and management of symblepharon	Research
WEEK 45	**Tutorial OG 34.2** Describe and discuss the etiology, pathology, classification, staging of ovarian cancer, clinical features, differential diagnosis, investigations, principal of management including staging laparotomy	Clinical Posting	Lunch	**Small Group Discussion - Tutorials** **CM 5.5** Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio cultural factors.	**Small Group Discussion - Tutorials** **CM 5.7** Describe food hygiene (Describe food borne diseases and food toxicants) **CM 5.8** Describe and discuss the importance and methods of food fortification and effects of additives and adulteration **CM 5.9** Discuss the importance of food standards and Prevention of Food Adulteration Act	Research

WEEK 45	**TUTORIALS SU 30.1** Describe the clinical features, investigations and principles of management of phimosis, paraphimosis and carcinoma penis. **SU 30. 6** Describe classification, clinical features, investigations and principles of management of tumours of testis	Clinical Posting	Lunch			SDL
WEEK 45	SEMINAR IM13.12 Describe the indications and interpret the results of Chest X Ray, mammogram, skin and tissue biopsies and tumor markers used in common cancers	Clinical Posting	Lunch	SEMINAR IM22.13 Identify the underlying acid based disorder based on an ABG report and clinical situation	SEMINAR IM22.13 Identify the underlying acid based disorder based on an ABG report and clinical situation	SPORTS
WEEK 45	**LECTURE PS2.4** R Describe the principles of personality development and motivation	Clinical Posting	Lunch	**SEMINAR - AN 4.2** Describe structure & function of skin with its appendages	**SEMINAR- MI 4.3** Describe the etio-pathogenesis of Skin and soft tissue infections and discuss the clinical course, and the laboratory diagnosis.	SPORTS

DAY	8-9 am	9am-12 pm	12-1pm	1-2pm	2-3pm	3-4pm
WEEK 46	**Small Group Discussion - Tutorials** **CM 3.4** Describe the concept of human excreta and sewage disposal	Clinical Posting	Lunch	**INTEGRATION: EN2.15 Describe the national programs for prevention of deafness, cancer, noise & environmental pollution CM3.1 Describe the health hazards of air, water, noise, radiation and pollution**	**REVISION**	
WEEK 46	**REVISION**	Clinical Posting	Lunch	Revision - Retina OP8.1 Discuss the aetiology, pathology, clinical features and management of vascular occlusions of the retina OP8.2 Enumerate the indications for laser therapy in the treatment of retinal diseases (including retinal detachment, retinal degenerations, diabetic retinopathy & hypertensive retinopathy) OP8.3 Demonstrate the correct technique of a fundus examination and describe and distinguish the funduscopic features in a normal condition and in conditions causing an abnormal retinal exam	Revision - Retina OP8.4 Enumerate and discuss treatment modalities in management of diseases of the retina OP8.5 Describe and discuss the correlative anatomy, aetiology, clinical manifestations, diagnostic tests, imaging and management of diseases of the optic nerve and visual pathway	Research
WEEK 46	**Small Group Discussion - Tutorials** **CM 3.2** Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	Clinical Posting	Lunch	**Small Group Discussion - Tutorials** **CM 3.2** Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	**Small Group Discussion - Tutorials** **CM 3.7** Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures (Mosquitoes and other vectors) **CM 3.8** Describe the mode of action, application cycle of commonly used insecticides	Research
WEEK 46	**Small Group Discussion - Tutorials** **CM 2.2** Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status **CM 2.3** Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior (Hospital sociology, COPRA)	Clinical Posting	Lunch			SPORTS
WEEK 46	**LECTURE 19 OR14.1** Demonstrate the ability to counsel patients regarding prognosis in patients with various orthopedic illnesses like a. fractures with disabilities b. fractures that require prolonged bed stay c. bone tumours d. congenital disabilities	Clinical Posting	Lunch	**Small Group Discussion - Tutorials** **CM 2.2** Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status **CM 2.3** Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior (Hospital sociology, COPRA)	**Small Group Discussion - Tutorials** **CM5.6** Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	SPORTS
WEEK 46	**Small Group Discussion - Tutorials** **CM5.6** Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	Clinical Posting	Lunch	Revision - Glaucoma OP6.5 Describe and discuss the angle of the anterior chamber and its clinical correlates OP6.6 Identify and demonstrate the clinical features and distinguish and diagnose common clinical conditions affecting the anterior chamber OP6.7 Enumerate and discuss the aetiology, the clinical distinguishing features of shallow and deep anterior chamber. Choose appropriate investigations for patients with above conditions of the anterior chamber	Revision - Glaucoma OP6.8 Enumerate and choose the appropriate investigation for patients with conditions affecting the Uvea OP6. 9 Choose the correct local and systemic therapy for conditions of the anterior chamber and enumerate their indications, adverse events and interactions OP6.10 Counsel patients with conditions of the iris and anterior chamber about their diagnosis, therapy and prognosis in an empathetic manner in a simulated environment	SPORTS

DAY	8-9 am	9am-12 pm		1-2pm	2-3pm	3-4pm
WEEK 47	**CM Internal Assessment 3 & Feedback**					
WEEK 47	**FM Internal Assessment 3 & Feedback**					
WEEK 47	**FM practical Internal Assessment 3 Practicals**					
WEEK 47	**FM practical Internal Assessment 3 Practicals**					
WEEK 48	**UNIVERSITY EXAMS**					
WEEK 49	**UNIVERSITY EXAMS**					

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दूरभाष/Phone: 25367033, 25367035,
25367036, 1800111150
ईमेल/E-Mail: academiccell@nmc.org.in
वेबसाइट/Website: www.nmc.org.in

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फेस - 1, नई दिल्ली - 110077
Pocket - 14, Sector - 8, Dwarka
Phase - 1, New Delhi - 110077

आज़ादी का अमृत महोत्सव

राष्ट्रीय आयुर्विज्ञान आयोग
National Medical Commission
Academic Cell

D-11011/BCME-144/2025/AC **New Delhi, dated 18th March, 2025**

To,

Dr. Latha Ravichandran, Convener, NMC Nodal Centre,
Professor & Head, Department of Pediatric Medicine,
Sri Ramachandra Medical College & Research Institute,
1, Mount Poonamallee Rd, Sri Ramachandra Nagar,
Porur, Chennai - 600116, Tamil Nadu
Mobile: 9444021509, Email: srmcnmcnodalcentre@sriramachandra.edu.in

Subject:- Permission to conduct Basic Course in Medical Education (BCME) from 03rd – 05th April 2025 at Saveetha Medical College & Hospital, Thandalam, Chennai, Tamil Nadu – reg.

Madam/Sir,

I am directed to convey that the NMC has granted permission to conduct 03 days BCME from **03rd – 05th April 2025** at **Saveetha Medical College & Hospital, Thandalam, Chennai, Tamil Nadu** as per your proposal dated 11.03.2025.

2. The National Medical Commission has also approved nomination of **Dr. R. Kalpana, Professor & Head, Department of Anatomy and An internal resource faculty of NMC NC, SRMC, Chennai** as **NMC appointed Coordinator to conduct the said BCME**. His/Her contact details are – **Mobile: 9566137573 Email:** kalpanasriram1@gmail.com

3. Your attention is drawn to Academic Cell, UGMEB, NMC Circular No. D-11011/343/2023-AC, dated 22nd March 2023 regarding Registration fee share and our email dated 29th May 2023 regarding GST, for strict compliance. The remittance details, in the prescribed format, should be emailed to **accounts@nmc.org.in** with a copy to **academiccell@nmc.org.in** latest by **03rd April, 2025.**

4. In the event the participants' strength falls to less than 25 due to non-attendance/absence, the said BCME shall stand cancelled. The same shall be intimated to Academic Cell immediately.

5. As regards claims/bills relating to travel and accommodation, the existing GOI Rules will be applicable. For travel & booking of accommodation, services of NMC approved travel agent as per details given below, may be utilized:

Name	: **M/s Balmer & Lawrie & Co. Ltd.**
Contact Person	: Sh. Om Prakash/Lavanya Bharadwaj
Mobile No.	: 8375863854/9818671536
E-mail	: prakash.o@balmerlawrie.com; bhardwaj.l@balmerlawrie.com

6. This issues with the approval of competent authority.

Yours sincerely,

(Dr. Mukesh Nagar)
Expert, Academic Cell
Under Graduate Medical Education Board

Copy for information to:-

1. Saveetha Medical College & Hospital, Saveetha Nagar, Thandalam, Chennai – 602105, Tamil Nadu; Phone – 9444023733; Email - principal.smc@saveetha.com; drkumutha@gmail.com
2. Accounts Officer, NMC, Pocket 14, Sector 8, Dwarka, Phase I, New Delhi-110077.
3. Guard file

Issuance Record: Certificate of Participation

Name of NC / RC Sri Ramachandra Medical College & Research Institute Centre ID: 004

Type of FDP held (tick as Applicable): **BCME** / CISP-III / ACME Dates of FDP: **03.04.2025 to 05.04.2025**

Place where FDP is held: Saveetha Medical College and Hospital, Saveetha Nagar, Thandalam, Chennai- 602105

Total No. of participants: 28

S.No.	Name of Participant	Registration Number / Name of Medical council where registered	Certificate No. allotted
1.	Dr. Shanthi Nambi	~~94440~~ / TNMC 38209	004/BCME-2025/147
2.	Dr. Sathish Anand V.S	89198 / TNMC	004/BCME-2025/148
3.	Dr. Jayaram J K	41958 / ~~TNMC~~ TCMC	004/BCME-2025/149
4.	Dr. Archana Kumari	126341 / TNMC	004/BCME-2025/150
5.	Dr. Dheeptha Shrine G	92968 / TNMC	004/BCME-2025/151
6.	Dr. Saai Arun Sunder	70849 / TNMC	004/BCME-2025/152
7.	Dr. M. Sathishkumar	93354 / TNMC	004/BCME-2025/153
8.	Dr. Nanditha Gudi	85650 / APMC	004/BCME-2025/154
9.	Dr. Subitchan Ponnarasu	109049 / TNMC	004/BCME-2025/155
10.	Dr. E. Kannah ELANGOVAN	93669 / TNMC	004/BCME-2025/156
11.	Dr. Ramsesh Manohar Ram	97022 / TNMC	004/BCME-2025/157
12.	Dr. Lokesh Sampath	111574 / TNMC	004/BCME-2025/158
13.	Dr. S. Sukesh Gautam	117788 / TNMC	004/BCME-2025/159
14.	Dr. Syed Mohammed.H	113932 / TNMC	004/BCME-2025/160
15.	Dr. Sulthan Al Rashid	118367 / TNMC	004/BCME-2025/161

16.	Dr. Subramanian Arumugam	107731 / TNMC	004/BCME-2025/162
17.	Dr. Preethi S	109691 / TNMC	004/BCME-2025/163
18.	Dr. Sanjay R	115215 / TNMC	004/BCME-2025/164
19.	Dr. Anbarasan A	110854 / TNMC	004/BCME-2025/165
20.	Dr. A John Paul	104864 / TNMC	004/BCME-2025/166
21.	Dr. Praveen Kumar I	121505 / TNMC	004/BCME-2025/167
22.	Dr. R. Hemalathaa	96300 / TNMC	004/BCME-2025/168
23.	Dr. M. Keerthika	187635 / TNMC	004/BCME-2025/169
24.	Dr. Varun Rajagopal S	~~18809~~ / TNMC 128598	004/BCME-2025/170
25.	Dr. Dhanya Menon	122352 / TNMC	004/BCME-2025/171
26.	Dr. Tharaka Senathirajah	115023 / TNMC	004/BCME-2025/172
27.	Dr. Madumathy Ramachandran	114788 / TNMC	004/BCME-2025/173
28.	Dr. Harish.M	129356 / TNMC	004/BCME-2025/174

(Signature of Dean/Principal)

Dr.J.KUMUTHA, MD, DCH, FNNF
DEAN
SAVEETHA MEDICAL COLLEGE & HOSPITAL
Saveetha Nagar, Thandalam,
Kanchipuram District, Chennai - 602 105.

(Signature of MEU coordinator, if applicable)

Dr. B. VIJAYALAKSHMI M.D., Ph.D.
COORDINATOR
MEDICAL EDUCATION UNIT
SAVEETHA MEDICAL COLLEGE
THANDALAM, CHENNAI.

(Signature of NMC appointed Coordinator)

Issuance Record: Certificate of Participation

Name of NC / RC: Sri Ramachandra Medical College & Research Institute — Center ID: 004

Type of FDP held (tick as Applicable): BCME / **CISP-III** / ACME — Dates of FDP: **6th & 7th June 2025**

Place where FDP is held: Saveetha Medical College — Total No. of participants: 30

S. No	Name of the Participant	Registration Number/ Name of medical council where registered	Certificate No. allotted
1.	Dr. K. Kavitha	TNMC / 112195	004/CISP III-2025/031
2.	Dr. Shyam Sudhakar .S	TNMC / 86409	004/CISP III-2025/032
3.	Dr. Manoj Kumar L	TNMC / 92170	004/CISP III-2025/033
4.	Dr. Venkatesh Gottumukala	TNMC / 39356	004/CISP III-2025/034
5.	Dr. Sanjeev Kumar Puri	TNMC / 67633	004/CISP III-2025/035
6.	Dr. G Dinesh Kumar	TNMC / 95454	004/CISP III-2025/036
7.	Dr. Nisha B	TNMC / 98171	004/CISP III-2025/037
8.	Dr. Rahul raj C. L	TNMC / 104299	004/CISP III-2025/038
9.	Dr. Ilavarasan M D	TNMC / 109935	004/CISP III-2025/039
10.	Dr. Rajesh Subramaniam	TNMC / 74466	004/CISP III-2025/040
11.	Dr. G Muthukumaran	TNMC / 36720	004/CISP III-2025/041
12.	Dr. S Jayakumar	TNMC / 71611	004/CISP III-2025/042
13.	Dr. Buvnesh Kumar M	TNMC / 100456	004/CISP III-2025/043
14.	Dr. M Rajalekshmi	TNMC / 83129	004/CISP III-2025/044
15.	Dr. Iniyan S	TNMC / 90383	004/CISP III-2025/045
16.	Dr. E Shanthi	TNMC / 72088	004/CISP III-2025/046

Dr.J.KUMUTHA, MD, DCH, FNW
DEAN
SAVEETHA MEDICAL COLLEGE & HOSPITAL
Saveetha Nagar, Thandalam,
Kanchipuram District, Chennai - 602 105

17.	Dr. P K Ananthakumar	TNMC / 88606	004/CISP III-2025/047
18.	Dr. R.P. Shamikumar	TNMC / 79732	004/CISP III-2025/048
19.	Dr. Gunasekaran N	TNMC / 38001	004/CISP III-2025/049
20.	Dr. R. Hemalathaa	TNMC / 96300	004/CISP III-2025/050
21.	Dr. Dheeptha Shrine G	TNMC / 92968	004/CISP III-2025/051
22.	Dr. A. Parimala	TNMC / 57238	004/CISP III-2025/052
23.	Dr. Archana Kumari	TNMC / 126341	004/CISP III-2025/053
24.	Dr. Praveen Kumar I	TNMC / 121505	004/CISP III-2025/054
25.	Dr. Sulthan Al Rashid	TNMC / 118367	004/CISP III-2025/055
26.	Dr. Harish Manoharan	TNMC / 129356	004/CISP III-2025/056
27.	Dr. Abyramy Balasundaram	TNMC / 109711	004/CISP III-2025/057
28.	Dr. Merriwin D	TNMC / 68831	004/CISP III-2025/058
29.	Dr. Veena V	TNMC / 76967	004/CISP III-2025/059
30.	Dr. Suma S	TNMC / 107075	004/CISP III-2025/060

(Signature of Dean)

Dr.J.KUMUTHA, MD, DCH, FNNF
DEAN
SAVEETHA MEDICAL COLLEGE & HOSPITAL
Saveetha Nagar, Thandalam,
Kanchipuram District, Chennai - 602 105

(Signature of MEU coordinator)

(Signature of NMC appointment coordinator)

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25367036, 1800111150
ईमेल/E-Mail: academiccell@nmc.org.in
वेबसाइट/Website: www.nmc.org.in

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Pocket - 14, Sector - 8, Dwarka
Phase - 1, New Delhi - 110077

राष्ट्रीय आयुर्विज्ञान आयोग
National Medical Commission
Academic Cell

D-1011/CISP-III-85/2025/AC **New Delhi, dated 28th May, 2025**

To,

Dr. Latha Ravichandran, Convener, NMC Nodal Centre,
Professor & Head, Department of Pediatric Medicine,
Sri Ramachandra Medical College & Research Institute,
1, Mount Poonamallee Rd, Sri Ramachandra Nagar,
Ramachandra Nager, Chennai - 600116, Tamil Nadu
Mobile: 9444021509, Email: srmcnmcnodalcentre@sriramachandra.edu.in

Subject:- Permission to conduct Curriculum Implementation Support Program-III (CISP-III) from 06th – 07th June 2025 at Saveetha Medical College and Hospital, Saveetha Nagar, Chennai – reg.

Madam/Sir,

I am directed to convey that the NMC has granted permission to conduct 02 days CISP from **06th - 07th June 2025** at **Saveetha Medical College and Hospital, Saveetha Nagar, Thandalam, Chennai, Tamil Nadu** as per your proposal dated 16.05.2025.

2. The National Medical Commission has also approved nomination of **Dr. B. Subalakshmi, Associate Professor, Department of Pathology, SRMC & RI, Chennai** as **NMC appointed Coordinator to conduct the said CISP-III**. His/Her contact details are – **Mobile: 8056249929 Email:** bsubalakshmi@sriramachandra.edu.in

3. Your attention is drawn to Academic Cell, UGMEB, NMC Circular No. D-11011/343/2023-AC, dated 22nd March 2023 regarding Registration fee share and our email dated 29th May 2023 regarding GST, for strict compliance. The remittance details, in the prescribed format, should be emailed to **accounts@nmc.org.in** with a copy to **academiccell@nmc.org.in** latest by **06th June, 2025.**

4. In the event the participants' strength falls to less than 25 due to non-attendance/absence, the said CISP-III shall stand cancelled. The same shall be intimated to Academic Cell immediately.

5. As regards claims/bills relating to travel and accommodation, the existing GOI Rules will be applicable. **The transport/local transport may be arranged by the NMC Appointed Coordinator and the claim/bill may be submitted to Academic Cell along with the RC of vehicle/bill/voucher whichever is applicable. For air-ticketing & accommodation, services of NMC approved travel agent as per details given below, may be utilized:**

Name	: **M/s Balmer & Lawrie & Co. Ltd.**
Contact Person	: Sh. Om Prakash/Lavanya Bharadwaj
Mobile No.	: 8375863854/9818671536
E-mail	: prakash.o@balmerlawrie.com; bhardwaj.l@balmerlawrie.com

6. This issues with the approval of competent authority.

Yours sincerely,

(Dr. Mukesh Nagar)
Expert, Academic Cell
Under Graduate Medical Education Board

Copy for information to:-

1. Saveetha Medical College and Hospital, Saveetha Nagar, Thandalam, Chennai Bengaluru NH 48, Chennai - 602105, Tamil Nadu; Phone: 9444023733 email – drkumutha@gmail.com
2. Accounts Officer, NMC, Pocket 14, Sector 8, Dwarka, Phase I, New Delhi-110077.
3. Guard file

Faculty Paper Publication Details From Oct 2024 to Oct 2025			
S.No	Name	Department	Title
1	Dr. Ilavarasan	Orthopaedics	Preparation, Characterization and Conductivity of SiO2 doped rGO-WO3 Composite for Battery Application
2	Dr. Preetha S	Pharmacology	A NETWORK PHARMACOLOGY-BASED DRUG REPURPOSING STUDY OF LEVETIRACETAM UNCOVERS ITS INTERACTION WITH MULTI-DRUG TARGETS IN PARKINSON'S DISEASE
3	Dr.Priyadarshini V	General Medicine	Locally brewed alcohol induced rhabdomyolysis: A case report
4	Dr.Priyadarshini V	General Medicine	Evaluating the coagulation parameters in acute ischemic versus hemorrhagic stroke patients upon hospital admission
5	Dr.Gunasekaran N	General Medicine	Evaluating the coagulation parameters in acute ischemic versus hemorrhagic stroke patients upon hospital admission
6	Dr.Gunasekaran N	General Medicine	Locally brewed alcohol induced rhabdomyolysis: A case report
7	Dr.Jabir P.K.	Pharmacology	The Effect of Fish Amino Acid on Germination and Growth of Green Gram (Vigna radiata)
8	Dr.Parimala A,	OBG	Understanding and Managing Thrombocytopenia in Pregnancy: A Case Series

9	Dr.Jayashree K	OBG	Understanding and Managing Thrombocytopenia in Pregnancy: A Case Series
10	Dr.Subagar A S	ENT	Role of Functional Endoscopic Sinus Surgery in Patients with Chronic Rhinosinusitis and Laryngopharyngeal Reflux: A Prospective Study
11	Dr.Subagar A S	ENT	Fibrous Dysplasia of Sphenoid: A Case Report
12	Dr.Monisha Madhumita	Dermatology	Nurturing Youth: Ethical Considerations in Pediatric Skincare Marketing
13	Dr.Iniyan S	Psychiatry	A Study on Psychological Impact of Working From Home of Employees during COVID-19 Pandemic- a Cross Sectional Study
14	Dr.Praveen Ganesh Natarajan	Plastic & Reconstructive Surg	Anatomic Subunit Cleft Lip Repair: New Repair Concept Based on Nostril Sill and Philtrum-White Roll Junction
15	Dr.Surya Rao R V M	Plastic & Reconstructive Surg	Anatomic Subunit Cleft Lip Repair: New Repair Concept Based on Nostril Sill and Philtrum-White Roll Junction
16	Dr.Nidhi Sharma,	OBG	Menstrual challenges in puberty: Investigating menorrhagia in adolescent girls
17	Dr.Shanthi E (prof)	OBG	A case series on caesarean myomectomy
18	Dr.Shanthi E (prof)	OBG	Exploring the patterns of thrombocytopenia in pregnancy: unravelling implications and outcomes
19	Dr.Shanthi E (prof)	OBG	Overcoming challenges into miraculous motherhood: successful pregnancy outcomes in patients with SLE: A case series

20	Dr. Suresh Kumar S	Blood Transfusion	Effects of ECM protein-coated surfaces on the generation of retinal pigment epithelium cells differentiated from human pluripotent stem cells
21	Dr.Ananthakumar P K	General Medicine	Estimating the prevalence of hypocalcemia in adults presenting with new-onset seizures: A cross-sectional study
22	Dr.Asha A	Neonatology	Knowledge and Awareness About Breastfeeding Among Postnatal Mothers in a Private Medical College
23	Dr.Gnanadeepan T	General Medicine	Evaluation and comparison of biomarkers in decompensated heart failure in a tertiary care center
24	Dr.Gowri Shankar A	General Medicine	The clinical, microbiological, and demographic aspects of Burkholderia infections: insights from a tertiary healthcare setting Correlation between elevated serum bilirubin levels and coronary artery disease risk - An institutional study
25	Dr.Gunasekaran N	General Medicine	An analysis of HRCT imaging characteristics and sputum culture results in hospitalized patients with community-acquired pneumonia an institutional observational study Correlation Between Hemoglobin A1c (HbA1c) and High-Sensitivity C-Reactive Protein (hs-CRP) in Myocardial Infarction Patients and Their Six-Month Mortality Follow-Up
26	Dr.Kannan R	General Medicine	Unraveling the Complexity: A Rare Case of Systemic Sclerosis, Rheumatoid Arthritis, and Systemic Lupus Erythematosus Overlap Syndrome
27	Dr.Naveen S	Orthopaedics	Assessing functional and radiological outcomes: open reduction and internal fixation vs. minimally invasive plate osteosynthesis for humerus shaft fractures - a prospective comparative study
			Tobacco consumption influencing the prevalence of hypertension among Indian women aged above 15 years: An in-depth analysis using National Family Health Survey (NFHS-5), 2019–2021

28	Dr.Nisha B	Community Medicine	Determinants of substance use among young people attending primary health centers in India
29	Dr.Praveen Ganesh Natarajan	Plastic & Reconstructive Surg	Anatomic Subunit Cleft Lip Repair: New Repair Concept Based on Nostril Sill and Philtrum-White Roll Junction
30	Dr.Praveen Sharma K	Radiology	Isolated traumatic retroclival interdural hematoma causing craniocervical instability: A case report of pathology in a rare location and literature review Treacher Collins Syndrome (mandibulofacial dysostosis) – A case report
31	Dr.Surya Rao R V M	Plastic & Reconstructive Surgery	Anatomic Subunit Cleft Lip Repair: New Repair Concept Based on Nostril Sill and Philtrum-White Roll Junction The Normal Static Two-Point Discrimination in the Palmar Aspect of Hand in Adults and Children in a Sample Indian Population
32	S. Rajendran	Plastic & Reconstructive Surg	The Normal Static Two-Point Discrimination in the Palmar Aspect of Hand in Adults and Children in a Sample Indian Population
33	Dr.Monisha Madhumita	Dermatology	Skin and Digital–The 2024 Narrative
34	Dr.Paarthipan N	Radiology	Measurement of apparent diffusion coefficient (ADC) in fetal organs and placenta using 3 Tesla magnetic resonance imaging (MRI) across gestational ages
35	Dr.Varun Rajagopal. S	Dermatology	Effect of oral doxycycline, azithromycin and isotretinoin on haematological inflammatory markers and interleukin-17A levels in acne vulgaris: a single blinded randomised interventional study
36	Dr.Sulthan AL Rashid	Pharmacology	Examining the Incorporation of Islamic Values in Concept Mapping and Curriculum Design for Medical Education: A Holistic Perspective

37	Dr.Munis Mohamed Ashraf	Orthopaedics	Reliability of the Lever Sign Test in the Diagnosis of Anterior Cruciate Ligament Injuries: A Cross-Sectional Study with Interobserver Analysis
38	Dr.Shyam Sudhakar S	ENT	Glomangiopericytoma—A Rare Sino-nasal Tumour
39	Dr. Sushmita Vinod	TB & Chest	Oral Health and Vitamins: Exploring Nutritional Strategies for Disease Prevention and Healing
40	Dr. KS. Senthil	Anaesthesia	Antilarvicidal Potential of Andrographis paniculata Extracts Against Plutella xylostella
41	Dr. Preetha S	Forensic Medicine	Green Synthesis and Characterization of Cobalt Nanoparticles Using Butea Monosperma Flower Extract and their Biocompatibility Studies
42	Dr. Indu Vadhana T M	OBG	Nano-materials in Drug Delivery Systems for Oral Cancer Treatment: A Review
43	Dr.Narayanasamy A G	Cardiology	Therapeutic Evaluation of Recombinant Human Erythropoietin (rhEPO) In Isoproterenol Induced Myocardial Infarction in Wistar Rats
44	Dr.Monisha Madhumita	Dermatology	Nurturing Youth: Ethical Considerations in Pediatric Skincare Marketing
45	Dr.Monisha Madhumita	Dermatology	Transporting Dermatology into the Metaverse: The Next Frontier
46	Dr.Hemamalini N V	Blood Transfusion	Microfluidic separation device for blood components with lipids and cancer cells
47	Dr.Jabir P.K.	Physiology	Unveiling the Promise of Bioactive Alkaloid Compound from Catharanthus Roseus: : An In-vitro Computational Exploration of their Molecular Docking against a Target Protein for Type-2 Diabetes

48	Dr.Sulthan AL Rashid	Pharmacology	Hepatoprotective Benefits of SGLT-2 Inhibitors and GLP-1 Analogs
49	Dr.Evangeline Christable M	OBG	Prospective evaluation of soft tissue tumors: Correlation of ST-RADS MRI reporting guidelines with histopathological findings
50	Dr.Kannan R	General Medicine	The Effectiveness of Self-Care in Diabetics on Self-Insulin Administration and Behavioral Markers Among Adolescents with Type 1 Diabetes
51	Dr.Kumutha J	Neonatology	The histological development of the fetal human inferior colliculus during the second trimester DHARANI: A 3D Developing Human-Brain Atlas Resource to Advance Neuroscience Internationally Integrated Multimodal Imaging and High-Resolution Histology of the Second Trimester The histological development of the fetal human inferior colliculus during the second trimester
52	Dr.Monisha Madhumita	Dermatology	Tofacitinib in alopecia areata and HIV: A curious intersection of immunomodulation, hair regrowth, and hypertrichosis
53	Dr.Naveen Kumar G	Radio Diagnosis	Exploring the role of the JEEViKA swasthya mitra helpdesk in improving healthcare access: a qualitative study in tertiary healthcare facilities in Bihar, India
54	Dr.Nisha B	Community Medicine	Marketing Research of the Territory's Image: on the Example of the Issyk-Kul Region of Kyrgyzstan
55	Dr.Pradeep K	Anaesthesia	Airway Management Using LMA-Evaluation of Two Insertional Techniques: A Prospective Randomised Study
			The histological development of the fetal human inferior colliculus during the second trimester

56	Dr.Sudha V	Pathology	DHARANI: A 3D Developing Human-Brain Atlas Resource to Advance Neuroscience Internationally Integrated Multimodal Imaging and High-Resolution Histology of the Second Trimester
57	Dr.Sulthan AL Rashid	Pharmacology	Harnessing Bloom's Taxonomy to develop in-depth review articles Paxlovid (Nirmatrelvir/Ritonavir)-Induced Tacrolimus Toxicity in Organ Transplant Recipients - A Review on Drug Interactions Involving CYP3A Enzymes
58	Mohammad Suhail Meer	Department of Respiratory medicine SIMATS	Multisensor Data Fusion and GIS-DRASTIC Integration for Groundwater Vulnerability Assessment With Rainfall Consideration
59	Subash, Yeshwanth	Orthopaedics	Post-surgical Functional Assessment Following Three Different Types of Surgical Repair in Type III to VI Acromioclavicular Joint Disruption
60	Dr.Hemamalini N V	Blood and Transfusion	Hemolytic disease of fetus and newborn due to maternal AlloAnti-S antibody
61	Dr.Suresh Kumar I	Blood and Transfusion	Hemolytic disease of fetus and newborn due to maternal AlloAnti-S antibody
62	Dr. Durgadevi G	Dermatology	Evaluating the Antimicrobial Efficacy of Solvent Extracts from Gymnema Sylvestre Against Wound Pathogens
63	Dr.Shanthi E	OBG	A case series on navigating ovarian cysts during pregnancy assess the outcomes
64	Dr.Sulthan AL Rashid	Pharmacology	Sodium-Glucose Cotransporter-2 (SGLT2) Inhibitors as a Dual Therapeutic Target for Cardiovascular and Renal Health: A Narrative Review
65	Dr.Manoj Kumar	Nephrology	Central vein stenosis- prevalence, clinical characteristics, outcome and its impact on dialysis access

66	Navin Balasubramanian	Orthopaedics	Effectiveness of structured review instrument in journal club meeting during orthopaedic residency: A prospective interventional study
67	Ajay Kumar Arunachalam (Dept Surg Oncol, SMC)		Male Breast Cancer: An Experience from a Regional Cancer Centre, Tamil Nadu, India
68	Dr. Ilavarasan	Orthopaedics	Effectiveness of structured review instrument in journal club meeting during orthopaedic residency: A prospective interventional study
69	Dr.Fathima Afshan H.S.	Pathology	Nipple adenoma: A clinicopathological study over a period of six years in tertiary care center
70	Dr.Gowri Shankar A	General Surgery	EXPLORING THE EFFECTIVENESS OF BEHAVIORAL INTERVENTIONS ON MEALTIME BEHAVIOR OF CHILDREN WITH AUTISM SPECTRUM DISORDER: A SYSTEMATIC REVIEW
71	Dr.Gurupavan Kumar Ganta	Biochemistry	In-silico Analysis of Single Nucleotide Polymorphisms (SNPs) in Human Pten Gene
72	Dr.Indhumathi E	Nephrology	Central vein stenosis- prevalence, clinical characteristics, outcome and its impact on dialysis access
73	Dr.Indhumathi E	Nephrology	Balancing Efficacy, Health Status, and Cost-Effectiveness: A Comparative Study of Desidustat and Erythropoietin in Chronic Kidney Disease Patients on Hemodialysis
74	Dr.Iniyan S	Psychiatry	A Study on Psychological Impact of Working From Home of Employees during COVID-19 Pandemic- a Cross Sectional Study
75	Dr.Jaiganesh V	General Surgery	PRODUCTION OF BLACK SOLDIER FLY LARVAE AS AN ALTERNATIVE TO COMMERCIAL POULTRY FEED ADDITIVE AND BIOWASTE CONVERSION
76	Dr.Manoj Kumar	Nephrology	Balancing Efficacy, Health Status, and Cost-Effectiveness: A Comparative Study of Desidustat and Erythropoietin in Chronic Kidney Disease Patients on Hemodialysis

77	Dr.Monisha Madhumita	Dermatology	Transporting Dermatology into the Metaverse: The Next Frontier
78	Dr.Monisha Madhumita	Dermatology	Trichophyton indotineae' is an inaccurate and pejorative term
79	Dr.Praveen Ganesh Natarajan	Plastic & Reconstructive Surg	Food Insecurity and Clinical Outcomes in Surgical Trauma Patients
80	Dr.Ravichandran P	General Medicine	Plastic Neutrality in Green Dialysis: A Pilot Study Exploring Plastoconcrete for Circularity
81	Dr.Santhosh Kumar K	Neonatology	Role of hematological parameters in the early detection of clinical cases for septicemia among neonates: A hospital-based study from Chennai, India
82	Dr.Santhosh Kumar K	Neonatology	Role of hematological parameters in the early detection of clinical cases for septicemia among neonates: A hospital-based study from Chennai, India
83	Dr.Subagar A S	ENT	Fibrous Dysplasia of Sphenoid: A Case Report
84	Dr.Sulthan AL Rashid	Pharmacology	Integrating digital tools and extended class hours in medical education
85	Dr.Surya Rao R V M	Plastic & Reconstructive Surg	Food Insecurity and Clinical Outcomes in Surgical Trauma Patients
86	Dr.Vijayalakshmi B (Physio)	Physiology	Serum Selenium Status in Autoimmune Thyroid Disorders: A Case-control Study
87	Dr.Yachendra V S G	Anaesthesia	A Hybrid Technique Using Video Laryngoscope-assisted Flexible Bronchoscopy to Facilitate Endotracheal Intubation in Children with Anticipated Difficult Airway: A Case Series

88	Gunasekaran K.	Anaesthesia	A Hybrid Technique Using Video Laryngoscope-assisted Flexible Bronchoscopy to Facilitate Endotracheal Intubation in Children with Anticipated Difficult Airway: A Case Series
89	Dr. Pradeep Karunakaran	Anaesthesia	A Hybrid Technique Using Video Laryngoscope-assisted Flexible Bronchoscopy to Facilitate Endotracheal Intubation in Children with Anticipated Difficult Airway: A Case Series
90	Dr.Munis Mohamed Ashraf	Orthopaedics	Effectiveness of structured review instrument in journal club meeting during orthopaedic residency: A prospective interventional study
91	Rajendran, Kannan (Internal r	General Medicine	Effectiveness of Self-care Management Program on Glycaemic Control, Level of Knowledge and Anxiety among Adolescents with Type I Diabetes Mellitus: A Quasi-experimental Study
92	Gunasekaran N	General Medicine	Chemotherapy-Induced Neutropenic Enterocolitis in Acute Myeloid Leukaemia Patient: A Case Report
93	Dr.Gowri Shankar A	General Medicine	Thyroid dysfunction in patients with connective tissue disorders in a tertiary hospital in South India
94	Dr.Kannan R	General Medicine	Cross-Section of Hypertensive Molecular Signaling Pathways: Understanding Pathogenesis and Identifying Improved Drug Targets
95	Dr.Kannan R(gen Med)	General Medicine	Cross-Section of Hypertensive Molecular Signaling Pathways: Understanding Pathogenesis and Identifying Improved Drug Targets
96	Dr.Kumutha J	Neonatology	DHARANI: A 3D Developing Human-Brain Atlas Resource to Advance Neuroscience Internationally Integrated Multimodal Imaging and High-Resolution Histology of the Second Trimester
97	Dr.Manoj Kumar(Nephrology)	Nephrology	Investigating Calcarea Carbonicum 200C's Role in COVID-19 Treatment: Clinical Observations and its FTIR Characterization
98	Dr.Monisha Madhumita	Dermatology	A Systematic Review of High-Intensity Focused Ultrasound in Skin Tightening and Body Contouring

99	Dr.Nidhi Sharma	OBG	Impact of Paternal Age on Semen Parameters and Outcome of Intracytoplasmic Sperm Injection
100	Dr.Shruthi P (Forensic Medicine)	Forensic Medicine	Knowledge and Attitude Towards End-of-Life care and Advance Directives amongst Medical Students and Postgraduates in a Tertiary care Hospital of South India
101	Dr.Sulthan AL Rashid	Pharmacology	SGLT-2 Inhibitors as an Effective Treatment for Type 2 Diabetes Mellitus, Hypertension, and Hyperuricemia - A Mechanistic Perspective
102	Dr. Shanthi Priya D	ENT	Acute Supraglottitis Causing Airway Obstruction in Adults – A Case Series
103	Dr.Ananthi N	Biochemistry	A COMPARISON OF THE CLINICAL AND METABOLIC OUTCOMES OF METFORMIN ALONE VERSUS METFORMIN COMBINED WITH CALCIUM AND VITAMIN D IN WOMEN WITH POLYCYSTIC OVARY SYNDROME: A QUASI-
104	Dr.Gunasekaran N (Gen Med)	General Medicine	A comparative study of the effectiveness of amitriptyline, pregabalin, and gabapentin in type 2 diabetic patients with peripheral neuropathy
105	Dr.Indhumathi E	Nephrology	Hepatorenal Syndrome - AKI in Decompensated Liver Disease: Clinical Characteristics, Risk Factors, Ultrasound Applications, and Outcomes
106	Dr.Kannan R	General Medicine	A comparative study on the effect of coronary angioplasty on left ventricular function in post myocardial infarction among patients with and without type-2 diabetes mellitus
107	Dr.Paarthipan N	Radiology	Quantification of hepatic steatosis on dual energy computed tomography with liver function test correlation
108	Dr.Karthik Krishna R	Radiology	Quantification of hepatic steatosis on dual energy computed tomography with liver function test correlation
109	Dr.Kumutha J	Neonatology	Insights into holoprosencephaly using multimodal high-resolution imaging and 3D histology

110	Dr.Latha N	Anaesthesia	Spinal block comparison of hyperbaric ropivacaine, levobupivacaine, and bupivacaine in caesarean delivery
111	Dr.Lokesh Sampath	Orthopaedics	Complications in Uniportal vs Unilateral Biportal Endoscopic Decompression for Lumbar Spinal Stenosis: A Scoping Review
112	Dr.Manoj Kumar (Nephro)	Nephrology	Machine Learning in Organic Chemistry: Accelerating Drug Discovery through Computational Models
113	Dr.Mari Raj I	General Medicine	A study on serum potassium and serum magnesium levels in acute myocardial infarction with special emphasis on rhythm disturbance Hand grip strength in patients with chronic liver disease and its reliability as a marker for malnutrition
114	Dr.Narayanasamy A G	Cardiology	Animal Studies On Cardioprotective Effects Of Erythropoietin In Cardiac Ischemia – A Review
115	Dr.Raadhika Shree	ENT	An Exceptionally Rare Case of Jugular Foramen Extramedullary Plasmacytoma in Ear, Nose, and Throat: Diagnostic Challenges and Management Benefit of Topical Haemocoagulase Solution Application in Tonsillectomy: A Double-Blinded Study An Exceptionally Rare Case of Jugular Foramen Extramedullary Plasmacytoma in Ear, Nose, and Throat: Diagnostic Challenges and Management Benefit of Topical Haemocoagulase Solution Application in Tonsillectomy: A Double-Blinded Study
116	Dr.Shyam Sudhakar S	Psychiatry	Laryngopharyngeal Reflux Prevalence and Predictors Among Doctors

			Suicidal Thoughts and Self-injurious Behavior Associated With Glucagon-Like Peptide-1 Receptor Agonists - A Review
117	Dr.Sulthan AL Rashid	Pharmacology	Montelukast-associated Serious Mental Health Adverse Effects: An Overview
118	Dr. Praveen Kumar, I	Community Medicine	Prevalence and specificity of clinically significant red blood cell alloantibodies among hospitalized patients attending a tertiary care center in the southern part of India: A retrospective observational study
119	Dr. Abinaya V G	Pharmacology	Evaluating the Impact of SGLT-2 Inhibitors on Frailty in Older Adults: A Clinical Review
120	Dr. Genickson Jeyaraj	Ophthalmology	ASSOCIATION BETWEEN SALIVARY VITAMIN D3 LEVELS AND DENTAL CARIES IN CHILDREN: A CASE-CONTROL STUDY
121	Dr. Hariharan A	Blood & Transfusion	Prevalence and specificity of clinically significant red blood cell alloantibodies among hospitalized patients attending a tertiary care center in the southern part of India: A retrospective observational study
122	Dr. Praveen K. Sharma	Radiology	Adult-type coarctation of aorta with soft tissue hemangioma: A case report and literature review
123	Dr. S A Ajay Lucas Rubben Pra	Radiology	Diagnostic accuracy and clinical utility of MRI based ovarian imaging: Correlation with histopathology and tumour markers
			Paget’s disease of bone and rheumatoid arthritis: a rare case of co-occurrence
124	Dr. Saranya Chinnadurai	Rheumatology	Inverse Gottron’s sign in Anti TIF1 gamma positive juvenile dermatomyositis
125	Dr. Suma Sukumaran	Physiology	Prevalence and specificity of clinically significant red blood cell alloantibodies among hospitalized patients attending a tertiary care center in the southern part of India: A retrospective observational study

126	Dr.Lal Devayani Vasudevan	Paediatrics	Consensus Guidelines of the Indian Academy of Pediatrics (IAP)—Neurodevelopmental Pediatrics Chapter on Developmentally Supportive Follow-Up for High-Risk Infants
127	Dr.Monisha Madhumita	Dermatology	A Systematic Review of High-Intensity Focused Ultrasound in Skin Tightening and Body Contouring
128	Dr.Sathish Anand V S	Neuro Surgery	
129	Dr. Magesh Kumar (Gen med)	General Medicine	An interesting case of salt-losing tubulopathy – Gitelman's syndrome
130	Dr. Praveen K. Sharma,	Radiology	Adult-type coarctation of aorta with soft tissue hemangioma: A case report and literature review
131	Dr. Suresh Kumar, I.	Blood & Transfusion	Prevalence and specificity of clinically significant red blood cell alloantibodies among hospitalized patients attending a tertiary care center in the southern part of India: A retrospective observational study
132	Dr.Karthik Krishna R	Radiology	Strategic Use of ENCLOSE-II Device for Proximal Anastomosis in a CKD Patient With Porcelain Aorta: Radiologic Insights and Surgical Outcomes
133	Dr.Monisha Madhumita	Dermatology	A step back, not a setback A Systematic Review of High-Intensity Focused Ultrasound in Skin Tightening and Body Contouring The Role of Artificial Intelligence in Diagnosis and Management of Cutaneous Infections
134	Dr.Muthiah P	Radiology	Diagnostic accuracy and clinical utility of MRI based ovarian imaging: Correlation with histopathology and tumour markers

135	Dr.Suma S	Physiology	Exploring the Perception of Learning Environment Among Undergraduate Medical Students in South India e A Cross-sectional Study
136	Dr.Suresh Kumar I (Transfusion med)	Blood & Transfusion	Performance indicators in the blood bank of a tertiary care hospital, as advocated by the national accreditation board for hospitals and healthcare providers
137	Dr.Syed Mohamed H	Paediatrics	Correlation Between Anthropometric Measurements and Incidence of Obstructive Sleep Apnea in Adolescence Clinical, Epidemiological, and Immunohematological Profile of Hemolytic Uremic Syndrome in Children Between 6 Months and 12 Years at a Tertiary Care Center in South India
138	Dr.Vijayalakshmi B(physio)	Physiology	Prevalence of Sarcopenia in Liver Cirrhosis Patients and Determinants of Survival in Cirrhotic Population: A Prospective Cohort Study
139	Dr.Nitesh Kumar Rathi	Orthopaedics	Tibial Tuberosity Fixation in Complex Proximal Tibia Fractures Using Thin Profile Distal Fibular Plate: A Prospective Study with 12-month Outcomes
140	Dr.Rajajeyakumar M	Physiology	Revolutionary Approaches to Sperm Selection: Enhancing Male Fertility Through Advanced Processing Techniques
141	Dr. Abinaya V G	Pharmacology	Evaluating the Impact of SGLT-2 Inhibitors on Frailty in Older Adults: A Clinical Review
142	Dr. Anand (Anesthesia)	Critical Care medicine	Predictive analysis of pediatric gastroenteritis risk factors and seasonal variations using VGG Dense HybridNetClassifier a novel deep learning approach
143	Dr. Aravind gridhar (gen sur)	General Surgery	A Study on Various Pre–Operative Indicators for Difficult Laparoscopic Cholecystectomy in Saveetha Medical College and Hospital
144	Dr. Aravinth (anthes)	Anaesthesia	Comments on, “Mandibular swing approach: 25 years of experience at Istituto Nazionale Tumori of Milan”

145	Dr. Aravinth (anthes)	Anaesthesia	Comments on, “Margin analysis of radical tonsillectomy specimens following transoral robotic surgery”
146	Dr. Arun Kumar P	Orthopaedics	The impact of ChatGPT on orthopedic residents’ scientific writing: A quasi-experimental study
147	Dr. Ilavarasan	Orthopaedics	The impact of ChatGPT on orthopedic residents’ scientific writing: A quasi-experimental study
148	Dr. Karthik Krishna (Ridio dia)		Synergistic assessment of coronary artery calcification and pericardial fat pad thickness for cardiovascular risk stratification using multi-slice CT
149	Dr. S. Anand	Critical Care medicine	Predictive analysis of pediatric gastroenteritis risk factors and seasonal variations using VGG Dense HybridNetClassifier a novel deep learning approach
150	Dr.Kannan R (General Medicine)	General Medicine	Classification and Regression Tree Model for the Differential Diagnosis of Preeclampsia Based on Clinicopathological Features and miR Signatures
151	Dr.Kannan R (General Medicine)	General Medicine	MicroRNA Profiling in High-Risk Pregnancy: A Multicentric Cross-Sectional Study on Early and Late-Onset Preeclampsia
152	Dr.Manoj Kumar (Nephrology)	Nephrology	Pharmaceutical Chemistry in the Development of Generic Drugs: Challenges and Strategies
153	Dr.Navin Balasubramanian	Orthopaedics	The impact of ChatGPT on orthopedic residents’ scientific writing: A quasi-experimental study
154	Dr.Nidhi Sharma	OBG	Revolutionary Approaches to Sperm Selection: Enhancing Male Fertility Through Advanced Processing Techniques
155	Dr.Preetha Selva	Pharmacology	Investigation on Reliability of Administering an Opioid Analgesic Through an Autoinjector by Exploring the Oxidative Stress Parameters in Albino Wistar rats

156	Dr.Radha Kumar	Paediatrics	Effectiveness of Cognitive Behavioural Therapy Verses Counselling on Internet Addiction Among Late Adolescence in Selected Arts College
157	Dr.Sanjeev Kumar Puri	Ophthalmology	Measurement of Photo stress Recovery Duration with Various Tools in a Tertiary Eye Care Hospital
158	Dr.Yuvaraj M	Anatomy	Anomalous Renal Vessels: A Case Report COVID-19-associated changes in nasal mucosa: Insights from inflammatory and epithelial cell profiling
159	Dr. Sulthan Al Rashid,	Pharmacology	Evaluating the Impact of SGLT-2 Inhibitors on Frailty in Older Adults: A Clinical Review
160	Dr. Yazhini K	Microbiology	Influence of Problem-based Learning Method on Learning Outcomes in Medical Curriculum
161	Dr.Anbumaran P M	TB & Chest	Cortisol Levels and Their Association with Workplace Stress in IT Workers
162	Dr.Sulthan AL Rashid	Pharmacology	Oligohydramnios and Intrauterine Premature Closure of Ductus Arteriosus Associated with the Use of NSAIDs During Pregnancy – An Overview of Clinical Evidence
163	Dr.Syed Mohamed H	Paediatrics	SEROPREVALENCE OF COELIAC DISEASE IN SHORT STATURED CHILDREN IN SOUTH INDIA: A HOSPITAL-BASED STUDY
164	Dr.Yuvaraj M	Anatomy	Liver Cancer: Artificial Intelligence (AI)-Based Integrated Therapeutic Approaches
165	Ms. Subhashree M V	Physiology	Green Synthesis of Silver Nanoparticles from Tribulus terrestris and Investigation of Their Antioxidant and Anticancer Activities against MG-63 Osteosarcoma Cells

166	AI Rashid Sulthan	Pharmacology	HARNESSING AI TO DEVELOP HOLISTIC HEALTHCARE PRACTITIONERS FOR A SUSTAINABLE FUTURE
167	Dr. Nisha	Community Medicine	EFFECTIVENESS OF COMPREHENSIVE SOCIAL SUPPORT INTERVENTIONS AMONG PATIENTS WITH MULTI-DRUG RESISTANCE TUBERCULOSIS IN NORTHERN TAMIL NADU
168	Dr. Rakesh M	Community Medicine	Salivary Cystatin C as a Potential Biomarker in Stage III/IV Periodontitis: A Comparative Study
169	Dr.Anita Ramesh(oncology)	Oncology	Clinicians' Perceptions and Adoption of Oncology Biosimilars in India: Results from a National Survey
170	Dr.Elilarasi S	Paediatrics	Neonatal Airway Anomalies: A 12-year Experience of a Multidisciplinary Team at a Tertiary Care Center
171	Dr.Monisha Madhumita	Dermatology	Skin and Digital-The 2024 Narrative
172	Dr.Nithya R	Psychiatry	Application Of Green Analytical Chemistry In The Quantification Of Anticancer Agents: Eco-Friendly Method Development And Validation
173	Dr.Radha Kumar	Paediatrics	Autogenic Relaxation Therapy Multidimensional Effects : A Pilot Study on its
174	Dr.Radha Kumar	Paediatrics	Effectiveness of Cognitive Behavioral Therapy Versus Counselling on Academic Performance among Late Adolescence in Selected Arts College
175	Dr.Sukesh Gautam S	Dermatology	Clinicoepidemiological Profile of Non Venereal Urogenital Dermatoses among Males: A Cross-sectional Study from Southern India
176	Shyam Sundar	Psychiatry	Behavioral Addictions in Neurodegenerative Disorders

177	Venkatesh Kumar S	28157	A novel dual-tunnel Y-technique core decompression done for stage – 2 AVN femoral head
178	Dr.Sulthan AL Rashid	Pharmacology	Mechanistic Understanding of Finerenone in Hypertension Management: A Narrative Review Exploring the Therapeutic Potential of SGLT-2 Inhibitors in Managing Metabolic Syndrome: A Narrative Review
179	Dr. B. Nisha	Community Medicine	Impact of Developmental Pediatrics-Based Training for Primary School Teachers in Early Identification of Learning Disability
180	Dr.Balaji K (Anato)	Anatomy	Comparative neuroprotective efficacy of N-acetylcysteine and naringin in lead-induced neurotoxicity: Restoration of BDNF, neurotransmitters, and cognitive function
181	Dr.Hari Haran A	Blood & Transfusion	Therapeutic red blood cell exchange in a sickle cell disease patient with acute bone pain crisis: Our experience in a tertiary care center
182	Dr.Hemamalini N V	Blood & Transfusion	Therapeutic red blood cell exchange in a sickle cell disease patient with acute bone pain crisis: Our experience in a tertiary care center
183	Dr.Indhumathi E(nephro)	Nephrology	Leptospirosis-Associated Acute Kidney Injury-Still a Major Burden in Tropical Countries?
184	Dr.Kumutha J	Neonatology	Effect of BCG Danish and oral polio vaccine on neonatal mortality in newborn babies weighing less than 2000 g in India: multicentre open label randomised controlled trial (BLOW2)
185	Dr.Lal Devayani Vasudevan	Paediatrics	Impact of Developmental Pediatrics-Based Training for Primary School Teachers in Early Identification of Learning Disability
186	Dr.Radha Kumar	Paediatrics	Impact of Autogenic Relaxation Therapy on Psychological Parameters and Salivary Cortisol Levels Among Mothers of Special Children

187	Dr.Suresh Kumar I	Blood & Transfusion	Therapeutic red blood cell exchange in a sickle cell disease patient with acute bone pain crisis: Our experience in a tertiary care center
188	Dr. Paarthipan, N.	Radiology	Effectiveness of Light Therapy on Depression, Biophysiological and Biochemical Parameters Among Adult Depressive Patients