New CBME based Aligned & Integrated Summary Master TimeTable-
1st MBBS Batch–2023-24 batch, Smt. NHLMMC, Ahmedabad.

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physiology lecture (with Nesting & Sharing) +Molecular Physiology	Anatomy lecture + withECE	Medicine Biochemistrylecture /SDL+AETCOM Module 4 (ByBiochemis try)	Anatomy lecture /SDL	**7Fridays:** CommunityMedicine lectures(90minuteseach–withNesting)followed by FV and GD in smallgroups, followed by 30 minuteseachofSDLsessions **5 Fridays:** FamilyAdoptionProgrammefield visits **After12Fridays,** CMwillbereplacedbyPhysiology& Biochemistry TL sessions	Anatomy lecture (Embryology)
10-11	Physiology lecture + AETCOM Module 3 (ByPhysiology)	Anatomy lecture (with Nesting&Sharing) + withECE	Physiologylecture (with Nesting&Sharing)	Anatomy lecture		Anatomy lecture (Histology)
11-12	Biochemistry lecture /SDL	Anatomy lecture / SDL+withECE	Physiologylecture / Hospitalvisit	Anatomy dissection		Histology practical / SDL &Sports+ECA+AETCO M Module (By Anatomy)
12-1	Physiology lecture /SDL/Skill lab	Anatomy Demo	Biochemistry lecture (with Nesting & Sharing)	Anatomy demo +Hospital visit		
1-2	**Recess**					
2-5	Physiology/BiochemistryPracti cal/Tutorial/GD &Sports+ECA+ECE	Anatomy dissection&Sports+ ECA	Physiology/Biochemistry Practical/Tutorial/GD &Sports+ ECA+HV	Anatomy dissection +Hospitalvisit	Physiology/Biochemistry Practical/Tutorial/GD &Sports+ECA+ECE	

Followingnewfeaturesareincorporated intothetime tableasperMCIguidelines

1	***Totalteachinghours (Lecture+SGT+SDL):**Anatomy–**620 (210 + 400**+ 10), Physiology – 440(130 + 300**+10**), Biochemistry – **232** (**78** + 144**+10**), Community Medicine – **40** (20 + 20)
2	***EarlyClinicalExposure(ECE):**Total90hours,27hoursequallydividedamongAnatomy,Physiology&Biochemistry
3	***AETCOMModules:**Total5moduleswillbecompletedcollectivelybyallthe4departments intotal26hours
4	***Self-directedlearning(SDL):**Anatomy–10hours,Physiology –10hours,Biochemistry–10hours FAP : 27 hours
5	***Sports&Extra-curricularactivities(ECA):**Total10hourswillbedistributedfortheseactivities amongallthe4subjects

Summarytable-1- AlignedandNon-AlignedpartsofAnatomy,PhysiologyandBiochemistryinthetimetable

Anatomy		Physiology		Biochemistry	
AlignedTopic	**Non-AlignedTopic**	**AlignedTopic**	**Non-AlignedTopic**	**AlignedTopic**	**Non-AlignedTopic**
Brachial Plexus with NervePhysiology	Lowerlimb	Muscle Physiology aligned withUpperlimbanatomy	Blood	Cell & organelles aligned withgeneralphysiology	CarbohydratesChemistry
Upper limb aligned with muscleand neuromuscular junctionPhysiology	HeadandNeck	Cardiac cycle aligned withbiochemistry Jaundice aligned withBiochemistry	Deep sea, High Altitude andSpace Physiology	Cardiac enzymes aligned withphysiology	Aminoacidand ProteinChemistry
Thorax aligned with CVS-Part-land RS (Physiology) along withcardiac enzymology(Biochemistry)	Embryology	Thorax aligned with CVS-part-land RS (Physiology) along withcardiac enzymology(Biochemistry)	Temperature regulation, G-Proteins	Jaundice aligned with physiologyFatty liver aligned with Liver(Anatomy) Renal Failure aligned with Kidney(Physiology)	Lipidchemistry
Abdomen with GIT, Renal andReproductive Physiology	Histology	Protein metabolism aligned withendocrinesystem(Physiology)	CentralNervousSystempart-I	Thorax aligned with CVS and RS(Physiology) along with cardiacenzymology (Biochemistry)Protein metabolism aligned withendocrinesystem (Physiology)	ECMand TissueproteinChemistry of HIVEnvironmental biochemistryImmunochemistryChemistryofcancer
CNS, Head & Neck anatomyaligned with CNS-II, Specialsense physiology	Genetics&Osteology	CNS physiology aligned withCNS Anatomy	Cardio-vascularSystempart-I		

Note-

1) **FortheAlignedtopics,ifcommonobjectivesarefoundsharingwillbedone(forex-forthetopicofMicroscope-sharingfromallthreedepartments)**
2) **ForbothAlignedaswellas Non-Alignedtopics,Nestingwillbedone(ex-Physiologywillbenested withMedicineandAnatomywiththeSurgery)**
3) **2AlignedandIntegratedteam(AIT)arealreadyformed.Theseteams willselecttopicsforhigherlevelofintegration.Theteamsplanto arrangeabout5linkersessionsalso.**

Summarytable- 2- PlanningofEarlyClinicalExposure(ECE)andAETCOMmodulesimplementationinthetimetable

AnatomyECE		Physiology&BiochemistryECE		PlanningofAETCOMmodules	
ECE(continuous3hours)	**Hospitalvisit(continuous3 hours)**	**ECE(continuous3hours)**	**Hospitalvisit(continuous3 hours)**	**AllotmentofAETCOMmodules**	**Teaching-Learning(TL)methods**
Every Tuesday from 9 to 12 amfor 1st 6 months (September toFebruary) TeachingwillbewithECE	Every Thursday from 2 to5pmfor 1st4 months(SeptembertoDecember) Hospitalvisitinbatches	Every Monday & Friday from 2to 5 am for 1st 6 months(SeptembertoFebruary) TeachingwillbewithECE	Every Wednesday from 2 to 5pmfor 1st 4 months(SeptembertoDecember) Hospitalvisitinbatches	1) AETCOM modules 1 & 2 will beconducted by Community Medicinedept 2) AETCOM modules 3 will beconductedbyPhysiologydept	- Sensitizationbyinteractivelecture,tutorialetc. - Immersion by role plays, cases,videos,cinemeducationetc. - Reflectivewritingforeach

Teaching-Learning (TL)methods- **By using clinical cases, photos,videos,reports,x-rays etc.** **Also, at times patients will bebroughttodeptforteaching.**	**Teaching-Learning (TL)methods-** **Students will be divided into 4batches and will visit hospitalsupervisedbyteachers**	**Teaching-Learning (TL)methods-** **By using clinical cases, photos,videos,reports,x-rays etc.** **Also, at times patients will bebroughttodeptforteaching.**	**Teaching-Learning (TL)methods-** **Students will be divided into 4batches and will visit hospitalsupervisedbyteachers**	**3) AETCOM modules 4 will beconductedbyBiochemistrydept** **4) AETCOMmodules5will beconductedbyAnatomydept** **(Time - 9 to 10 hour / moduleincludingSDL)**	**moduleinportfolios** **(Cases provided in AETCOMbooklet will be used for each andevery module, Reflective writingwillalsobeusedforassessment)**

NewCBMEbasedAligned &Integrated DetailedMasterTimeTable

SEP2023	11.9.23	12.9.23	13.9.23	14.9.23	15.9.23	16.9.23
	Mon	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
9-10	**Physiology-PY1.1-Describeand discussprinciple ofHomeostasis**	General AnatomyTerminology **AN1.1 Demonstrate normalanatomical position, variousplanes, relation,comparison, laterality &movement inour body** **(TLmethod–Interactivelecture** **Dr.JitendraPatel**	**Biochemistry – BI1.1-Describethe molecular and functionalorganization of a cell and its subcellularcomponents.-1(TL** **method –Interactivelecture)**	Bone **AN2.1 Describe parts,blood and nerve supplyofalongbone** **(TL method – Interactivelecture)** **Dr.K.P.Shah**	Community MedicineLecture*: Introduction toCommunityMedicine **CM 1.1 – Define and Describethe concept of Public Health(Overview)** **TL–InteractiveLGT**	General AnatomyMuscle **AN3.1 Classify muscletissueaccordingtostructure&action** **(TL method – Interactivelecture)** **Dr.S.D.Shah**
10-11	**Physiology-PY1.1-Describeand discussmolecular basisofRMPandAP**	GeneralAnatomyTerminology**AN1.1 Demonstratenormal anatomical position,various planes, relation,comparison, laterality &movement inour body** **(TL method –Interactive** **lecture)Dr.JitendraPatel**	**Physiology - PY1.1- Describe thestructure & function ofmammaliancell(TLmethod-Interactivelecture)**	General AnatomyBone **AN2.2 Enumerate laws ofossification** **AN2.3 Enumerate specialfeatures of a sesamoidbone** **AN2.4 Describe varioustypes of cartilage with itsstructure & distributioninbody** **(TL method – Interactivelecture)Dr.K.P.Shah**	Introduction of faculty andresidents; TL and exam Schedules in CMStudentInformationForm; General physicalexaminationofallstudentsincluding Anthropometry,Bloodpressure measurement,Hemoglobin	General AnatomyMuscle **AN3.2 Enumerate partsof skeletal muscle anddifferentiate betweentendons and aponeuroses withexamples** **AN3.3 Explain Shunt andspurt muscles** **(TL method – Interactivelecture)** **Dr.S.D.Shah**
11-12	Biochemistry Cellorganells	General AnatomyTerminology **AN1.1 Demonstrate normalanatomical position, variousplanes, relation,comparison, laterality &movement inour body**	**Physiology - PY1.3-Describeintercellularcommunication&PY1.4-Describeapoptosis-programmed cell death.(TLmethod-Interactivelecture)**	DissectionOath Taking**AllFaculties**		DissectionTerminology **AN1.1 Demonstratenormal anatomicalposition, various planes,relation, comparison, laterality &movement inour body**

		Dr.JitendraPatel				**AllFaculties**
12-1	**Physiology-PY1.5-Describeand discussBody fluids andionic basis ofcell**	Demo General AnatomyTerminology **AN1.1 Demonstrate normalanatomical position, variousplanes, relation,comparison, laterality &movement inour body** **(TL method –Interactive lecture)AllDemonstrators**	**Biochemistry – BI1.1-Describethe molecular and functionalorganization of a cell and itssubcellularcomponents.-2(TL method–Interactivelecture)**	Dissection Introduction to cadaverAll Faculties		SDL TerminologyAN1.1Demonstrate normalanatomical position,various planes, relation,comparison, laterality &movement inour body
1-2	R E C E S S					
2-3	Tutorial P-Humanities	ATCOMMODULE5	Tutorial P-ECE	Demo Bone **AN2.1 Describe parts,blood and nerve supplyofalongbone** **AllDemonstrators**	Tutorial P-Skilllab	
3-5	Physiology P-InstrumentsP-SDL /Biochemistry practical		P-Microscope P-Historytaking B-Introduction of Good safe labpractice, equipment& wastedisposal **(Hospital visit in batches 2 to 5pm)**	DissectionTerminology**AN1.1Demonstrate normalanatomicalposition, various planes, relation,comparison, laterality &movement in our body**All Faculties	P-Microscope P-Historytaking B-Introduction of Good safe labpractice, equipment& wastedisposal **(TeachingwillbewithECE)**	

sep2023	**18.9.23**	**19.9.23**	**20.9.23**	**21.9.23**	**22.9.23**	**23.9.23**
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**

9-10	Physiology-**PY1.1-Describe thestructure & function ofmammalian cell& PY1.3-Describeintercellular communication(TLmethod - Interactive lecture)**Functions of cell organelles &Intercellular communication	GeneralCVS **AN5.1 Differentiate betweenblood vascular and lymphaticsystem AN5.2 Differentiate betweenpulmonary and systemiccirculation AN5.3 List general differencesbetween arteries & veins AN5.4Explain functional differencebetween elastic, musculararteriesand Arterioles AN5.5 Describeportal system giving examplesAN5.6 Describe the concept ofanastomoses and collateralcirculationwith significance of end-arteriesAN5.7 Explain function of meta-arterioles, precapillarysphincters,arterio-venousAnastomoses AN5.8 Define thrombosis,infarction&aneurysm(TLmethod–Interactive lecture)** **Dr.N.R.Bhojak**	**Biochemistry – BI3.1-Discuss and differentiatemonosaccharides, di-saccharides andpolysaccharides givingexamples of maincarbohydrates as energyfuel, structural elementandstorageinthehuman body.-1(TLmethod–Interactivelecture)**	GeneralJoint **AN2.5 Describevarious joints withsubtypes andexamplesDr.K.P. Shah**	Community MedicineLecture: Concept of Health ITL– Interactive LGT Fieldvisits+Groupdiscussioninsmallgroups+SDL(****Placesofvisits and topics of GD+SDL will be informed to the students subject to permissions from respective places of visits)** **Purpose of Field visits and Groupdiscussion + SDL in first MBBS isto sensitize them about in-depthlearning of same topics in subsequent highersemesters. CompetenciesrelatedtothesetopicsofFVandGD+SDLarethereforenot mentioned here and will be elaborately mentionedinsubsequenttimetables.**	Embryology **AN76.1 Describe thestages ofhuman lifeAN76.2 Explainthe terms-phylogeny,ontogeny,trimester,viability** **Dr.K.P.Shah**
10-11	**Physiology-ECE (Topic-Celldisorders&PY1.9)**	GeneralLymphaticSystem **AN6.1 List the components andfunctions of the lymphaticsystem AN6.2 Describestructure of lymph capillaries &mechanism of lymphcirculation AN6.3 Explain theconcept of lymphoedema andspreadoftumors vialymphatics and venoussystem** **(TL method – Interactivelecture)**	PhysiologySDL-**PY1.5Describe and discusstransport mechanismsacrosscellMembranes** Transportacrosscellmembrane **(TL method – Interactivelecture)**	GeneralJoint **AN2.6 Explain theconcept of nervesupplyof joints& Hilton's law(TLmethod – Interactivelecture)** **Dr.K.P.Shah**		HistologyLectureMicroscope**Dr.S.D.Shah**

		Dr.S.D.Shah				
11-12	**Biochemistry – BI1.1-Describe themolecularandfunctionalorganization of a cell and itssubcellularcomponents.-3(TL method– Interactivelecture)**	General CNS AN7.1 **Describe generalplan of nervous system withcomponents of central,peripheral&autonomicnervoussystems** **AN7.2 List components ofnervous tissue and theirfunctions** **AN7.3 Describe parts of aneuron and classify thembasedonnumber ofneurites, size & functionAN7.4 Describe structure of atypicalspinalnerveDr.B.N.Patel**	Physiology-**PY1.6-Describe the fluidcompartments of thebody, its ioniccomposition &measurements.** body fluidcompartments**.(TL method-Interactivelecture)**	Skin& Fascia **AN4.1 Describedifferent types of skin& dermatomes inbody** **AN4.2 Describestructure & functionof skin with itsappendages** **AN4.3 Describesuperficialfasciaalong with fatdistribution in bodyAN4.4 Describemodifications of deepfascia with itsfunctions** **AN4.5 Explainprinciples of skinincisions Dr.D.M.Kapadia**		HistologyPracticalMicroscope**AllFaculties**
12-1	**Physiology Hospital visit/ Clinical skill**	GeneralCNS **AN7.5 Describe principles ofsensory and motor innervationof muscles** **AN7.6 Describe concept of lossof innervation of a muscle withitsapplied Anatomy** **AN7.7 Describe various type ofsynapse** **AN7.8 Describe differencesbetween sympathetic andspinalganglia Dr.B.N.Patel**	**Biochemistry – BI3.1-Discuss and differentiatemonosaccharides, di-saccharides andpolysaccharides givingexamples of maincarbohydrates as energyfuel, structural elementandstorageinthehuman body.-2(TLmethod– Interactivelecture)**	Dissection Exposureto cadaver **AllFaculties**		
1-2	RECESS					

2-3	Tutorial	DemoBo ne **AN2.1 Describe parts, bloodand nerve supply of a longboneAllDemonstrators**	Tutorial	DemoB one **AN2.1 Describe parts,bloodandnervesupplyofalongbone AllDemonstrators**	Tutorial	
3-5	P-Microscope P-Historytaking B-Introduction of Good safe labpractice,equipment&wastedisposal**(TeachingwillbewithECE)**	Dissection Exposureto cadaver **AllFaculties**	P-Microscope P-Historytaking B-Introduction of Good safelab practice, equipment&wastedisposal **(TeachingwillbewithECE)**	Dissection Exposure to cadaverRemovalofskin **AllFaculties**	P-Microscope P-Historytaking B-Introduction of Good safe labpractice,equipment&wastedisposal **(TeachingwillbewithECE)**	

Sep2023	**25.9.23**	**26.9.23**	**27.9.23**	**28.9.23**	**29.9.23**	**30.9.23**
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
9-10	**Physiology - PY1.7-Describethecon ceptofpH& Buffersystem sin thebody.(TL method– Interactive lecture)pH &Buffersyste m**	LectureUpperlimb -IntroductionofUL**AN13.1 Describe andexplain Fascia of upperlimbandcompartments,veins of upperlimbanditslymphatic drainageAN13.2 Describedermatomes of upperlimb (TL method – Interactivelecture) Dr.D.M.Kapadia**	**Biochemistry – BI3.1-Discuss and differentiatemonosaccharides, di-saccharides andpolysaccharides givingexamples of maincarbohydrates as energyfuel, structural elementandstorageinthehuman body.-3 (TLmethod– Interactivelecture)**	**HOLIDAY**	**CommunityMedicine Lecture: Concept of Health IITL– InteractiveLGT**	EmbryologyLecture **AN77.1 Describe theuterine changesoccurring during themenstrualcycle (TL method – Interactive lecture)Dr.K.P.Shah**
10-11	**Physiology SDL- PY1.7-Describethecon ceptofpH &Buffer systems inthe body. Alkalosis &acidosis**	**LectureUpperlimb Pectoralregion AN9.1 Describeattachment, nervesupply & action ofpectoralismajorandpectoralis minorDr.D.M.Kapadia**	Physiology-**PY1.8-Describeand discuss the molecularbasis of resting membranepotential and actionpotentialinexcitable tissue.(TL method – Interactive lecture)**RMP&Actionpotential		**FV+GD+SDL***	**HistologyLecture Simple EpitheliumAN65.1 Identifyepithelium under themicroscope &describe the varioustypes that correlate to itsfunction AN65.2Describe the**

						ultrastructure ofepithelium Dr. S.D.Shah
11-12	Biochemistry SDL – CellMembrane and appliedaspect	LectureUpperlimb PectoralregionAN10.11 **Describe&demonstrateattachment of serratusanterior with its actionAN10.13 Explainanatomical basis ofInjury to axillary nerveduringintramuscular Injections** **Dr.D.M.Kapadia**	Physiology SDL- **PY1.9-Demonstrate the ability todescribe and discuss themethods used to demonstratethe functions of the cells anditsproducts,itscommunications and theirapplications in Clinical careandresearch.Topic-**Chemical messengers &their clinical application **(TLmethod-InteractivelecturewithSDL)**	Dissectio nAxilla AN10.1 At the end of thesession the student should beable to Identify & describeboundaries and contents ofaxilla AN10.2 At the end of thesession the student should beable to Identify, describe anddemonstrate the origin, extent,course, parts, relations andbranches of axillary artery &tributariesofvein **AllFaculties**		Histology PracticalSimple EpitheliumAN65.1 **Identifyepithelium under themicroscope &describe the varioustypes that correlate to itsfunction AN65.2 Describe theultrastructure ofepithelium** **AllFaculties**
12-1	Physiology Hospitalvisit	DemoClavicle **AN8.1 Identify the givenbone, its side, importantfeatures & keep it inanatomical Position AllDemonstrators**	**Biochemistry – BI3.1-Discuss and differentiatemonosaccharides, di-saccharides andpolysaccharides givingexamples of maincarbohydrates as energyfuel,structuralelement andstorageinthehuman body.-4(TLmethod–Interactivelecture)**			
1-2	R ECESS					

2-3	Tutorial	DissectionPectoralregion AN9.1 At the end of the sessionthe student should beable to Identify pectoralismajor and pectoralisminor.Define attachment,nerve supply & action ofpectoralis major andpectoralisminor. **AllFaculties**	Tutorial	D e m o S ca pu la **AN8.1 Identify the givenbone, its side, importantfeatures & keep it inanatomical Position** **AllDemonstrators**	Tutorial	

3-5	P-Microscope P-Historytaking B-Introduction of Goodsafe lab practice,equipments& wastedisposal **(TeachingwillbewithECE)**	Dissection Pectoral regionAN9.1 At the end of the sessionthe student should beable to Identify pectoralismajor and pectoralisminor.Define attachment,nerve supply & action ofpectoralis major andpectoralisminor. SDLPectoralregion **AllFaculties**	P-Effectofsaline,Osmfragility P-General examinationB-ChemicalreactionsofcarbohydrateMonosaccharides **(Hospital visit in batches 2to5pm)**	Dissectionaxilla AN10.3Atthe end ofthesession the student should beable to Describea.formation,b.course,c.relations,ofRoots,Trunks,Cords,Branches ofbrachial plexus AN.10.4.1. At the end of thesession the student should beable to Classify the anatomicalgroupsofaxillarylymphnodes,their location and specifytheir areasofdrainageAN10.4.2.At the end of thesession the student should beable to examination of axillarylymph nodes **AllFaculties**	P-Effect of saline, Osm fragilityP-Generalexamination B-Chemical reactions of carbohydrateMonosaccharides **(TeachingwillbewithECE)**	

OCT23	**2.10.23**	**3.10.23**	**4.10.23**	**5.10.23**	**6.10.23**	**7.10.23**
	HOLYDAY	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10		Upperlimb Axilla ECE **AN10.2 Identify, describe anddemonstrate the origin, extent,course,parts, relations and branches of axillaryartery & tributaries of veints of axillaDr.J.P.Patel** **TLmethod–Interactive lecture**	**Biochemistry – BI5.1-Describe and discussstructuralorganization ofproteins.-2(TL method – Interactivelecture)**	Upperlimb InterMuscularSpaces**(TL method – Interactivelecture)** **AN10.9 Describe the arterialanastomosis around thescapula and mention theboundaries of triangle ofauscultationDr.D.M. Kapadia**	**Community MedicineLecture : Concept of Disease ITL – InteractiveLGT**	EmbryologyLecture **AN77.2 Describethe synchronybetween theovarianandmenstrual cyclesAN77.3 Describespermatogenesisand oogenesisalong withdiagrams Dr.K.P.Shah**
10-11		Upperlimb		Lecture		HistologyLectureStratifie

		MammaryGland& Lymphatic DrainageECE **AN9.2 Breast: Describe the location,extent, deep relations, structure, agechanges,bloodsupply,lymphatic**	Physiology-**PY2.8-Describe thephysiological basis ofhemostasis and,anticoagulants.**	Shoulde rJoint **AN10.10 Describe and identifythe deltoid and rotator cuffmuscles Dr.K.P.Shah**	**FV+GD+SDL***	dEpithelium**AN65.1Identify epitheliumunder**

		drainage, microanatomy and appliedanatomyofbreast AN10.4 Describe the anatomicalgroupsof axillarylymphnodesandspecify their areas of drainageDr.B.N.P atel	**Describe bleeding &clotting disorders(Hemophilia, purpura).** **(TL method – Interactive lecture)**(Topic-Bleedingdisorders)			**the microscope& describe thevarious typesthat correlate to itsfunction AN65.2 Describetheultra structure ofepithelium Dr. S.D.Shah**
11-12		UpperlimbMuscl esofBack **(TLmethod–Interactivelecture)** **AN10.8 Describe, identify anddemonstrate the position,attachment,nerve supplyandactionsof trapeziusandlatissimusdorsi Dr.D.M.Kapadia**	Physiology-**PY2.4-Describe RBCformation(eryth ropoiesis & itsregulation) andits functions(TL method – Interactivelecture**)Reg ulation oferythropoiesis-	LectureShoul derJoint **AN10.12 Describe anddemonstrate shoulder jointfor–type,articularsurfaces, capsule, synovial membrane,ligaments,relation s,movements,musclesinvolve d, blood supply, nervesupply and applied anatomyDr.K.P.Shah**		HistologyPractical StratifiedEpitheliu m**AN65.1 Identifyepitheliu m underthe microscope& describe thevarious typesthat correlate to itsfunction AN65.2 Describetheultra structure ofepithelium AllFaculties**
12-1		LectureUpperlimb Brachial Plexus ECE- **AN10.3 Describe,identify and demonstrateformation, branches,relations,area of supply of branches, courseand relations of terminalbranchesof brachialplexus AN10.5 Explain variations information of brachial plexusAN10.6 Explain theanatomicalbasisofclinicalKlump ke'sparalysis Dr. J.P Patel**	**Biochemistry – BI5.1-Describe and discussstructuralorg anization ofproteins.-3(TL method – Interactivelecture)**	DemoHu merus **AN8.1 Identify the given bone,its side, important features &keepitinanatomical Position** **AllDemonstrators**		
1-2	R E C E S S					**featuresofErl**

2-3			Tutorial	DissectionShoulderjoint At the end of the session thestudent should be able toDescribe and demonstrateshoulder joint for– 1.type,articularsurfaces,capsule, .synovial membrane,2.ligaments,3. relations,4.	Tutorial	
		Dr.J.P.Patel				

				movements, muscles involved,5.blood supply, nerve supplyand6.applied anatomy. **AllFaculties**		
3-5		DissectionMuscl esofBack AN10.8 At the end of the session thestudent should be able to Describe,identify and demonstrate the position,attachment,nervesupplyandacti onsoftrapeziusand latissimusdorsi AN10.9 At the end of the session thestudentshould beabletoDescribe	P-Effectofsaline,Osmfrag ility P-General examinationB-ChemicalreactionsofMo nosaccharides**(Hospita l visit inbatches 2 to5pm)**	Dissection Arm AN11.1.1.Atthe end ofthesession the student should beable to Defineorigin,insertion,nervesup ply andactionofmusclesofanteriorco mpartmentofarm AN11.1.2 .At the end of thesession the student should beable to Defineorigin,insertion,nervesup ply andactionofmusclesofposteriorc ompartmentofarmAN11.2.1.Atth e end ofthesession the student should beable to Describethe Origin ,course,relations,branchesofm usclocutaneousnerveandradia l nerveinarm AN11.2.2 At the end of the session thestudent should be able toDescribe theOrigin,course,relations,branch esof ulnar and median nerves inarm AN11.2.3Atthe end ofthesession the student should beable toOrigin,course,relations,branche sofbrachialarteryinarm **AllFaculties** SDL ShoulderJoint	P-Effect of saline, Osm fragilityP-Generalexamination B-Chemical reactions ofMonosaccharides**(Teach ingwillbewithECE)**	

OCT 2023	9.10.23	10.10.23	11.10.23	12.10.23	13.10.23	14.10.23
	Monday	Tuesday	Wed	Thursday	Friday	**Saturday**
9-10	Physiology -**PY2.5-Describedifferenttypesof anaemias&Jaundice.(TL method–Interactivelecture)** jaundice	UpperlimbFrontoftheArm **(TL method – Interactivelecture)** **AN11.1 Describe anddemonstrate musclegroups of upper arm withemphasis onbiceps andtricepsbrachii** **AN11.2 Identify &describe origin, course,relations, branches (ortributaries), termination of importantnerves and vessels inarm** **AN11.4 Describe theanatomical basis ofSaturday night paralysisDr.N.R.Bhojak**	**Biochemistry – BI4.1-Describeanddiscuss main classes of lipids(Essential/non-essentialfattyacids, cholesterol andhormonal steroids,triglycerides ,majorphospholipids andsphingolipids) relevant tohuman system andtheirmajorfunctio ns.2(TL method – Interactivelect ure)**	Upperlimb Flexor Compartment of Forearm**(TL method – Interactivelecture)** **AN12.1 Describe anddemonstrate important musclegroupsof ventralforearm with attachments, nervesupplyandactionsA N12.2 Identify & describeorigin, course, relations,branches (or tributaries),terminationofi mportant nerves and vessels of forearmAN12.3 Identify & describeflexor retinaculum with itsattachments AN12.4 Explain anatomicalbasis of carpal tunnelsyndrome Dr.N.R.Bhojak**	**Communitymedicine** Lecture: ConceptofDiseaseII **TL–InteractiveLGT**	EmbryologyLecture **AN77.4 Describe the stagesand consequences offertilisation AN77.5 Enumerate anddescribe the anatomicalpr inciples underlyingC ontraception AN77.6 Describe teratogenicinflue nces; fertility andsterility, surrogatemother hood,social significanceof" sex-ratio".Dr.K.P.Sh ah**
10-11	Physiology -**PY2.6-DescribeWBC formation(granulopoiesis) andits regulation.(TLmethod–Interactive lecture)**Granulopoiesis&itsreg ulation	Upperlimb **(TL method – Interactivelecture)** Deltoid Backofthe ArmAN10.13Attheendofthesession the student shouldbe able to ExplainanatomicalbasisofInjuryto axillary nerve duringintramuscular injectionsAN11.1.2.At the end of thesession the student shouldbe able to Defineorigin,insertion,nervesupplyand action of muscles ofposterior compartment ofarm **Dr.N.R.Bhojak**	Physiology-**PY2.7-Describe the formation ofplatelets,function sand variations.(TL method – Interactive lecture)**Platelets Formation,function, variation-	Upperlimb **(TL method – Interactivelecture)** ExtensorCompartmentof Forearm **AN12.11 Identify, describe anddemonstrate important musclegroupsofdorsal forearmwithattachments,ner ve supply and actionsAN12.12 Identify & describeorigin,course,relatio ns,branches (or tributaries),termination of importantnerves and vessels of back offorearm AN12.13 Describe theanatomicalbasisofWristdr op AN12.14 Identify &describe**	**FV+GD+SDL***	**Histology Lecture GlandularEpitheliu m** **AN70.1 Identify exocrinegland under the microscope& distinguish betweenserous, mucous and mixedacini AN70.2Identifyth elymphoid tissue under themicroscope & describemicroan atomy of lymphnode, spleen, thymus,**

						tonsilandcorrelate the structure with functionDr. S.D.Shah

				compartments deep toextensorretinaculumAN12.15 Identify & describeextensorexpansionformation Dr.N.R.Bhojak		
11-12	**Biochemistry – BI4.1-Describe and discuss mainclassesoflipids(Essential/non-essential fattyacids,cholesterolandhormonal steroids,triglycerides,majorphospholipids andsphingolipids) relevant tohuman system and theirmajorfunctions.1(TLmethod – Interactivelecture)**	CubitalFossa**(TL method – Interactivelecture)** **AN11.3 Describe theanatomical basis ofVenepuncture of cubitalveins AN11.5 Identify &describe boundaries andcontents of cubital fossaAN11.6 Describe theanastomosis around theelbowjoint Dr.B.N.Patel**	Physiology– **PY2.8 - Describe the physiologicalbasis of hemostasis and,anticoagulants. Describebleeding&clottingdisorders (Hemophilia,purpura)** .(Topic-Hemostasis) **(TL method – Interactivelecture**)	DissectionofFlexorCompartmentofForearm AN12.1At the end of the sessionthestudentshouldbe abletoDescribe and demonstrateimportant muscle groups ofventralforearmwithattachments,nervesupplyand actionsAN12.21.At the end of thesession the student should beable to Describe theOrigin,course,relations,branchesof radial ,ulnar and mediannervesinforearm AN12.2.22.At the end of thesession the student should beable to Describe theOrigin,course,relations,branchesof ulnar and radial arteries inforearm **AllFaculties**		**Histology Practical Glandular EpitheliumAN70.1 Identify exocrinegland under the microscope& distinguish betweenserous, mucous and mixedacini AN70.2Identifyth elymphoid tissue under themicroscope & describemicroanatomy of lymphnode, spleen, thymus, tonsilandcorrelate the structure with functionAll Faculties**
12-1	Physiology-**PY2.5 Describe different types ofanaemias& Jaundice.** **(TLmethod– Interactivelecture**) Thalasemia	DemoRadius **AN8.1 Identify the givenbone, its side, importantfeatures &keep it inanatomical Position AllDemonstrators**	**Biochemistry – BI2.1-Explainfundamentalconcepts of enzyme,isoenzyme,alloenzyme,coenzyme &co-factors.Enumeratethemain classes oflUBMBnomenclature.1(TL method – Interactivelecture)**			
1-2	REC ES S					

2-3	Tutorial	DissectionShoulderjoint AN10.12Atthe endofthe sessionthestudentshouldbe able to Describe and	Tutorial	Dem oUln a **AN8.1 Identifythegivenbone, its side, important features &keepitinanatomical**	Tutorial	

		demonstrate shoulder jointfor– 1.type, articularsurfaces,capsule, .synovial membrane,2.ligaments, 3.relations,4.movements, musclesinvolved, 5.blood supply,nerve supply and 6.appliedanatomy **AllFaculties**		**Position AllDemonstrators**		
3-5	P-Blood groupP-Temperature B-Chemical reactions ofcarbohydrate – Disaccharidesand Polysaccharides**(Teachingwill bewith ECE)**	DissectionShoulderjoint AN10.12 At the end of thesession the student shouldbe able to Describe anddemonstrate shoulder jointfor– 1.type, articularsurfaces,capsule, .synovial membrane,2.ligaments, 3.relations,4.movements, musclesinvolved, 5.blood supply,nerve supply and 6.appliedanatomy **AllFaculties** SDL CubitalFossa	P-Blood groupP-Temperature B-Chemical reactions ofcarbohydrate – Disaccharides andPolysaccharides**(TeachingwillbewithECE)**	DissectionofExtensorCompartmentofForearmAN12.11Atthe endofthesession the student should beable to Identify, describe anddemonstrate important musclegroups of dorsal forearm withattachments, nerve supply andactions AN12.12Atthe endofthesession the student should beable to Identify & describe origin,course, relations, branches (ortributaries),terminationofimportant nerves and vessels ofback offorearm **AllFaculties**	P-Blood groupP-Temperature B-Chemical reactions ofcarbohydrate –Disaccharides andPolysaccharides**(Teachingwillbewi thECE)**	

OCT2023	**16.10.23**	**17.10.23**	**18.10.23**	**19.10.23**	**20.10.23**	**21.10.23**
	Monday	Tuesday	**Wednesday**	Thursday	Friday(Holiday)	Saturday
9-10	Physiology-**PY2.9-Describe different bloodgroups and discuss theclinical importance ofbloodgrouping,blood**	UpperlimbPalmerSpaces **TL method – Interactivelecture**	**Biochemistry–BI2.3-Describeand explain thebasicprinciples of**	Upper limbLecture Ulnar Nerve,Radial nerveAn12.21.Attheendofthe	**Communitymedicine** Lecture:Conceptof	Embryology **AN78.1 Describecleavage andformationof**

	banking and transfusion.(TL method – Interactivelecture)	**AN12.9 Identify &describe fibrous flexorsheaths, ulnar bursa,radialbursa and digital synovial sheathsAN12.10 Explain infectionof fascial spaces of palmDr K.P.Shah**	**enzymeactivity.(TLmethod– Interactivelecture)**	session the student should beable to Describe theOrigin,course,relations,branches ofradial ,ulnarinforearm Dr.D.M.Kapadia	PreventionI **TL – InteractiveLGT**	**blastocystAN78.2 Describethedevelopmentoftrophoblastlast Dr K.P.Shah**
10-11	Physiology-**PY2.8-Describe thephysiological basis ofhemostasis and,anticoagulants. Describebleeding&clottingdisorders(Hemophilia, purpura).(TLmethod– Interactivelecture**)(Topic - Bleeding & clottingdisorders)	UpperlimbMusclesof Hand **TL method – Interactivelecture** **AN12.5Identify&describe small muscles ofhand.Alsodescribemovementsof thumb and musclesinvolved AN12.6 Describe &demonstrate movementsof thumb and musclesinvolved AN12.7 Identify &describecourse and branches ofimportant blood vesselsand nerves in handAN12.8Describe anatomical basis of Clawhand Dr, D.M.Kapadia**	Physiology SDL-**PY2.10-Defineandclassifydifferent typesofimmunity. Describe thedevelopment ofimmunity anditsregulation.(TLmethod-Interactivelecture withSDL)**immunity	Upperlimb Superficial & Deep PalmerArches **TL method – Interactivelecture** AN12.71.At the end of thesession the student should beableto Describe position ,relations ,formation andbranches of superficial palmararch AN12.72.At the end of thesession the student should beableto Describe position ,relations ,formation andbranchesofDeeppalmararch Dr. J.P.Patel	**FV+GD+SDL***	HistologyLectureConnectivetissue**AN66.1 Describe &identifyvarious typesof connectivetissue withfunctionalCorrelationAN66.2 Describe theultrastructureof connectivetissue Dr. S.D.Shah**
11-12	**Biochemistry – BI2.1-Explainfundamentalconcepts of enzyme,isoenzyme,alloenzyme,coenzyme&co-factors.Enumeratethe main classes ofIUBMBnomenclature.2(TL method–Interactive**	DissectionofRetinaculumAN12.14.1.At the end of thesession the student shouldbeabletoKnowthenumberofcompartmentsunder extensor retinaculumAN12.14.2.At the end of thesessionthestudentshould be able to Enumerate thestructurespassingthrough	Physiology–**PY2.10-Defineandclassifydifferent typesofimmunity. Describe thedevelopment ofimmunity anditsregulation.** (Topic-allergy	Upperlimb **TL method – Interactivelecture** MovementofT-humb,Supunation,PronationAN13.1.1.At the end of thesession the student should beable toExplainradioulnarjoints		HistologyPracticalConnectivetissue**AN66.1 Describe &identifyvariousty pes of connectivetissue with**

	lecture)	each compartmentAN12.14.3.At the end of thesession the student shouldbe able to Define theirrelationwithlister'stubercle **AllFaculties**	&Hypersensivity)**(TL method** – **Interactivelecture)**	under 1.Type ofjoint,2.Articulatingsurfaces,3.Capsule ,synovialmembrane ,ligaments4.Relations,5.Movements , andmusclesresponsible. AN13.1.33. At the end of thesession the student should beable to Explain FIRSTCARPOMETACARPALjoint under 1.Type ofjoint,2.Articulatingsurfaces,3.Capsule ,synovialmembrane,ligaments 4. Relations,5.Movements, andmusclesresponsible. Dr.N.R.Bhojak		**functionalCorrelationAN66.2 Describe theultrastructureof connectivetissue AllFaculties**
12-1	Physiology-**PY2.10-Defineandclassifydifferent types ofimmunity. Describe thedevelopment of immunityandits regulation.(TL method** – **Interactivelecture)** immunity		**Biochemistry–BI2.4-Describeand discussenzymeinhibitors aspoisons anddrugs and astherapeuticenzymes.-1(TL method**– **Interactivelecture)**	Demo Radiology ofUpperlimb **AllDemonstrators**		
1-2	I E C E S S					
2-3	Tutorial	DemoArticulatedHand **AN8.1 Identify the givenbone, its side, importantfeatures & keep it inanatomical Position AllDemonstrators**	Tutorial	Dissection Superficial & Deep PalmerArches AN12.7.1.Atthe end ofthesession the student should beableto Describe position ,relations ,formation andbranches of superficial palmararch AN12.7.2.At the end of thesession the student should beableto Describe position ,relations ,formation andbranchesofDeeppalmararch **AllFaculties**	Tutorial	
3-5	P-Blood groupP-Temperature B-Chemical reactions ofcarbohydrate – Disaccharides andPolysaccharides**(Teaching willbewithECE)**	DissectionofHandAN12.5 At the end of thesessionthestudentshouldbe able to Identify &describesmallmusclesof hand.Also describemovementsofthumband	P-Blood groupP-TemperatureB-Chemicalreactions ofcarbohydrate–Disaccharidesand		P-Blood groupP-TemperatureB-Chemicalreactions ofcarbohydrate–Disaccharidesand	

		muscles involvedAN12.6At the end of thesessionthestudentshouldbe able to 1.Enumeratejoints responsible formovements ofthumb,2.Explainorigin ,insertion ,nerve supply andaction of musclesresponsible for movementofthumb AN12.7.1.At the end of thesession the student shouldbeabletoDescribepo sition ,relations ,formation andbranchesofsuperfici alpalmararch AN12.7.2.At the end of thesession the student shouldbeabletoDescribepo sition ,relations ,formation andbranches of Deep palmararch AN12.73.At the end of thesession the student shouldbe able to Describe thecourse ,relations , branchesand distribution ofulnar,median and radialnervesin hand **AllFaculties**	Polysaccharides**(Hospitalv isitin batches 2 to5 pm)**		Polysaccharides**(Teaching will bewithECE)**	

OCT 2023	**23.10.23**	**24.10.23**	**25.10.23**	**26.10.23**	**27.10.23**	**28.10.23**
	Monday	Tuesday	**Wednesday**	Thursday	Friday	Saturday
9-10	Physiologylecture-Hospitalvisit(Topic-Emergency Medicine)	HOLIDAY	**Biochemistry–BI2.4-Describeand discussenzyme inhibitorsas poisons anddrugs and astherapeuticenzymes.-3(TL**	Blood Supply ofUpper limbLecture AN12.22.At the end of thesessionthestudentshouldbe able toDescribetheOrigin,course,relati ons,branchesofulnarandradialart eriesin	**CommunityMedicine** Lecture: Concept ofPreventionII **TL–InteractiveLGT**	**Emryology AN78.3 Describe the processof implantation & commonabnorm al sites ofImplantation AN78.4Describe the formation of**

						extra-embryonicmesodermandcoelom,bilaminar disc and prochordalplate AN78.5 Describe in briefabortion; decidual reaction,pregnancytest Dr. K.P.Shah

			method– Interactivelecture)			
10-11	Physiology -**PY3.4-Describe thestructure of neuro-muscular junctionandtransmissiono fimpulses.(TL method–Interactivelecture)** Neuromuscularjunction		Physiology(integrated – nesting withpharmacology)-**PY3.5-Discussthe action ofneuro-muscularblockingagents. (TL method – Interactivelecture)** NM blockingagents	UpperlimbMedi annerve **TL method – Interactivelecture** AN11.2.2.Atthe end ofthesession the student should beable to Describe theOrigin,course,relations,branches of ulnar and median nerves inarm Dr.D.M.Kapadia	**FV+GD+SDL***	Histology TL method-interactive LectureCartilage **AN71.2 Identify cartilageunder the microscope &describe various types andstructure-function correlationof the same Dr. S.D.Shah**
11-12	**Biochemistry – BI2.4-Describe anddiscuss enzyme inhibitors as poisonsanddrugsand astherapeuticenzymes. -2(TLmethod– Interactivelecture)**		Physiology-Hospital visit-**PY3.6- Describe thepathophysiology ofMyastheniagravis.. (TL method – Interactivelecture)**	DissectionMuscles of Hand AN12.1Attheendofthesessionthest udentshouldbe abletoDescribe and demonstrateimportant muscle groups ofventralforearmwithattachments, nerve supply andactions **AllFaculties**		h i s t o l o g y p r a c t i c a l C a r t i l a g e **AN71.2 Identify**

						cartilageunder the microscope &describe various types andstructure-function correlationof the same AllFaculties
12-1	Physiology lecture- **PY3.4-Describe thestructure of neuro-muscular junctionandtransmissionofimpulses.(TL method–Interactivelecture)** NMtransmission		**Biochemistry–BI3.2-Describethe processesinvolved indigestionandassimilation ofcarbohydratesandstorage.(TL method–Interactivelecture)**			
1-2						

2-3	Tutorial			Dissection of elbow joint and REVISION	Tutorial	
3-5	p-BT,CT P-ArtificialRespiration B-Precipitationreactionsofproteins **(TeachingwillbewithECE)**		p-BT,CT P-ArtificialRespiration B-Precipitationreactionsof proteins **(Hospitalvisitinbatches2 to5pm)**		p-BT,CT P-ArtificialRespiration B-Precipitationreactionsofproteins **(TeachingwillbewithECE)**	

OCT2023	**30.10.23**	**31.10.23**	**1.11.23**	**2.11.23**	**3.11.23**	**4.11.23**
	Monday	Tuesday	**Wednesday**	Thursday	Friday	Saturday
9-10	Physiology-hospitalvisit(Topic-Blood bank)	HOLIDAY	**Biochemistry – BI4.2-Describe the processesinvolved in digestion and absorption ofdietarylipidsandalsoth ekeyfeaturesoftheir metabolism. (TLmethod– Interactivelecture)**	PART ENDINGTEST **AllFaculties**	**CommunityMedicine** **Field visit forFamilyAdoptionProgramme**	LowerlimbI ntroduction **TLmethod –** **Interactivelecture** Dr.J.P.Patel
10-11	Physiology-**PY3.8- Describe action potentialanditsproperties indifferentmuscletypes (skeletal&smooth).(TLmethod –** **Interactivelecture)** AP &propertiesofmusclefibers					VeinsofLowerlimb **TLmethod–** **Interactivelecture** **AN20.3 Describeand demonstrateFa scia lata,Venous drainage,Lymp haticdrainage, Retinacula &Dermatomes oflowerlimb**

						AN20.5 Explainanatomical basisof varicose veinsand deepveinthrombosisDr.N.R.Bhojak

11-12	**Biochemistry – BI4.2- Describe theprocesses involved in digestion andabsorptionofdietarylipid sandalsothekey featuresoftheirmetabolism.(T Lmethod– Interactivelecture)**					
12-1	Physiology -**PY3.9-Describe the molecularbasis of muscle contraction in skeletal andinsmoothmuscles.(TLm ethod– Interactivelecture)**		**Biochemistry –BI5.3- Describethedigestiona nd absorption of dietary proteins.1(TLmethod– Interactive lecture)**			
1-2						
2-3	Tutorial		Tutorial			
3-5	p-BT,CT P-ArtificialRespiration B- Precipitationreactionsofproteins **(TeachingwillbewithECE)**		p-BT,CT P-ArtificialRespiration B- Precipitationreactionsofprote ins			

NOV2023	**6.11.23**	**7.11.23**	**8.11.23**	**9.11.23**	**10.11.23**	**11.11.23**
	Monday	Tuesday	Wednesday	thursday	Friday	Saturday
9-10	Physiology- **PY3.10- Describe the mode ofmuscle contraction (isometric and isotonic).(TLmethod– Interactivelecture)**	Femoral Triangle **TL method – Interactivelecture 1AN15.3Describeand demonstrateboundaries, floor, roofand contents of femoraltriangleAN15.4 Explainanatomical basis ofPsoas abscess &Femoralhernia Dr.J.P.Patel**	**Biochemistry – BI5.3- Describe the digestionandabsorption ofdietary proteins.2(TLmethod– Interactivelecture)**	Lower limbFemoral**Triangle** **TL method –Interactivelecture** **AN15.3 Describe anddemonstrateboundaries,flo or, roof andcontents offemoraltriangleAdductorCana l AN15.5 Describe anddemonstrateadductorcanal with itscontentDR.J.P.Pate**	**CommunityMedicine:** **Field visit for FamilyAdoptionProgramme**	Embryology **TL method – Interactivelect ure** **AN79.1 Describe theformation & fate of theprimitive streakAN79.2 Describeform ation & fate ofnotochord AN79.3**

						Describe theprocessofn eurulation Dr.K.P.Shah
10-11	Physiology -**PY3.11- Explain energy sourceandmusclemetaboli sm.(TLmethod– Interactivelecture)**		Physiology-**PY4.1- Describethestructureandf unctionsofdigestive**			Histolog y lectureB one **AN71.1 Identifybone under the microscope;cl assifyvarious types**

			system.(TLmethod– Interactivelecture)	LowerlimbMuscles offrontof**thigh** **TL method – InteractivelectureAN15.1 Describe anddemonstrateorigin,course,relations,branches (ortributaries),termination ofimportantnervesand vessels of anterior thigh Dr. J.P. Patel**		**anddescribe the structure-functioncorrelation of the sameDr.S.D.Shah**
11-12	**Biochemistry – BI5.2-Describe anddiscuss functions of proteins andstructure-function relationshipsinrelevant areaseg, hemoglobinandselectedhemoglobinopathies. (TL method – Interactivelecture)**	SDL–VeinsofLL	PhysiologyL-**PY4.2Describe the composition,mechanism of secretion,functions, and regulationof saliva, gastric,pancreatic, intestinaljuices and bilesecretion**.(saliva & gastricsecretion)**.(TLmethod- Interactive lecture withSDL)**	DissectionFemoralTriangleAN 15.1.1.At the end of thesession thestudent shouldbe able toDescribe anddemonstrateorigin, course,relations,branches ,termination ofFemoralnerveAN15.1.2.At theendofthesession thestudent shouldbe able toDescribe anddemonstrateorigin, course,relations,branches ((tributaries)and,termination ofFemoralVesselsAN15.4.2At theendofthesession thestudent shouldbe able toDescribe anddemonstrateadductor canalwith its contentAll Faculties		HistologyPracticalBone **AN71.1 Identify boneunder the microscope;classify various typesanddescribe the structure-functioncorrelation of the sameAllFaculties**
12-1	**Physiology-PY3.13-Describe musculardystrophy: myopathies.(TLmethod– Interactive lecture)**Hospital visit - Musculardystrophy&myopathies	DemoHipbone **AN14.1 Identify thegiven bone, its side,important features &keep it in anatomicalposition** **AN14.2 Identify &describe joints formedby thegivenbone AllDemonstrators**	**Biochemistry – BI2.5-Describe and discuss theclinical utility of variousserum enzymes asmarkersofpathological conditions.(TLmethod– Interactivelecture)**			Dissection nFrontoft high AN15.2.1.Attheendofthe session the studentshouldbeabletoDescribe ,origin ,insertion,nerve supply ,action ofquadriceps femorismuscle AllFaculties
1-2						
2-3	Tutorial	DissectionFrontofthigh AN15.2.1.Attheendofthe session the studentshouldbeabletoDesc	Tutorial	DemoHip bone**AN14.1Identify thegiven bone,its side,importantfeatures &keepitinanatomicalposition**	Tutorial	

		ribe ,origin ,insertion,nerve supply ,action ofquadriceps femorismuscle AllFaculties		**AN14.2 Identify &describejoints formedby the givenbone** AllDemonstrators		
3-5	p-Hbestimation p-Pulseexamination B-Identifyunknowncarbohydratesolution **(TeachingwillbewithECE)**		p-Hbestimation p-Pulse examinationB-Identify unknowncarbohydratesolution	DissectionAdductorCanal AN15.4.2At theendofthesession thestudent shouldbe able toDescribeand demonstrate	p-Hbestimation p-Pulse examinationB-Identify unknowncarbohydratesolution **(TeachingwillbewithECE)**	

NOV2023	**13.11.23**	**14.11.23**	**15.11.23** **HOLYDAY**	**16.11.23**	**17.11.23**	**18.11.23**

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physiology - **PY4.2Describe thecomposition,mechanism of secretion,functions,andregulation of saliva,gastric, pancreatic,intestinal juices and bilesecretion**. (Intestinal juice) **(TLmethod – Interactivelecture)**	**Diwali vacation**			**CommunityMedicine:** **Field visit for FamilyAdoptionProgramme**	
10-11	Physiology - **PY4.2Describe thecomposition,mechanism of secretion,functions,andregulation of saliva,gastric, pancreatic,intestinal juices and bilesecretion**. (Pancreatic juice & bile)**(TL method – Interactivelecture)**					

		I				
11-12	**Biochemistry – BI2.6- Discuss use of enzymesin laboratoryinvestigations (Enzyme-based assays) (TLmethod– Interactivelecture)**					

12-1	Physiology**PY4.3-DescribeGITmovements,regulation and functions.Describe defecationreflex. Explain role of dietary fibre.**(Gastrointestinalmovements)**(TLmethod –Interactivelecture**					
1-2	R E C E S					
2-3	Tutorial			DemoFemur	Tutorial	
3-5pm	p-Hbestimation p-Pulse examinationB-Identify unknowncarbohydrates olution **(TeachingwillbewithECE)**				P-WBC countP-BP B- normal Chemicalcomponent of urine;Laboratory report**(Teaching will bewithECE)**	`

NOV2023	20.11.23	21.11.23	22.11.23	23.11.23	24.11.23	25.11.23
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
9-10	Physiology -**PY4.4-Describe the physiologyof digestion and absorption of nutrients.(TLmethod– Interactivelecture)**	Lower LimbGluteal Region**TLmethod– Interactive lectureAN16.2 Describeanatomical basisof sciatic nerveinjury duringglutealintramuscularinjections AN16.3 Explainthe anatomicalbasis ofTrendelenburgsign** **Dr.B. N. Patel**	**Biochemistry – BI3.4-Define and differentiatethe pathways ofcarbohydrate metabolism,(glycolysis,gluconeogenesis,glycogen metabolism,HMPshunt).-3(TL method**	Lower LimbPoplitealFossa **TL method –Interactivelecture** **AN16.6 Describe anddemonstrate theboundaries, roof, floor,contentsand relations of poplitealfossa** **Dr.B.N.Patel**	**CommunityMedicine:** **Field visit for Family AdoptionProgramme**	Embryology **TL method – Interactivelecture** **AN80.1 Describeformation, functions &fate of-chorion: amnion;yolksac;allantois & deciduas AN80.2Describe formation & structure ofumbilicalcord AN80.3 Describeformation of placenta,its physiologicalfunctions,foetomaternalcirculation & placentalbarrier** **Dr.K.P.Shah**
10-11	Physiology- **PY4.3-**	Lower LimbBack		Lower LimbHip Joint		Histology

	Describe GITmovements, regulation and functions.Describedefecationreflex.Explainroleof dietaryfibre.(GImovements) **(TLmethod– Interactivelecture**	ofthigh**TLmethod– Interactive lectureAN16.4 Describeand demonstratethe hamstringsgroup of muscleswiththeirattachment, nervesupply andactions** **Dr.N.R.Bhojak**	Physiology-**PY4.6-Describe the Gut-BrainAxis.(TLmethod-Interactive lecture withSDL)**	**TL method –Interactivelecture AN17.1Describeand demonstrate the type,articular surfaces,capsule, synovialmembrane, ligaments,relations, movementsand muscles involved,blood and nerve supply,bursae around the hipjoint AN17.2Describe**		lectureLymphatic System**AN70.2 Identify thelymphoid tissue underthe microscope &describe microanatomy of lymphnode, spleen,thymus,tonsil and correlate thestructure with functionDr.S.D.Shah**

				anatomical basis ofcomplications offracture neck of femurAN17.3 Describedislocation of hip jointand surgical hipreplacementDr.K.P.Shah		
11-12	**Biochemistry – BI3.4- Define anddifferentiate the pathways of carbohydratemetabolism , (glycolysis, gluconeogenesis, glycogenmetabolism, HMP shunt).-2 (TL method – Interactivelecture)**	Lower LimbSciatic nerve**TLmethod– Interactive lectureAN16.5 Describeand demonstratethe origin, course,relations,branches (ortributaries),termination ofimportant nervesandvesselsonthe backof thigh** **Dr.N.R.Bhojak**	Physiology-**PY4.7- Describe & discuss thestructure and functions ofliver and gallbladder.**(Topic-Liver disease))**(TLmethod– Interactivelecture**	DissectionPoplitealFossa AN16.6.1At the end ofthe session the studentshould be able toDescribe anddemonstrate theboundaries, roof, floor,contentsandrelationsofpoplitealfossa **allfaculties**		Histology PracticalLymphatic System**AN70.2 Identify thelymphoid tissue underthe microscope &describe microanatomy of lymphnode, spleen,thymus,tonsil and correlate thestructure with functionallfaculties**
12-1	Physiology Hospital vi	Demo Femur **AN14.1Identifythe given bone, itsside, importantfeatures & keep itinanatomicalposition AN14.2 Identify &describe jointsformed by thegivenbone** **AN14.3Describe the importance ofossificationof**	**Biochemistry – BI3.4- Define and differentiatethe pathways ofcarbohydrate metabolism,(glycolysis,gluconeogenesis,glycogen metabolism,HMPshunt).-4(TL method – Interactivelecture)**			

	s i t (Topic-Neonatalward)					

		lower end offemur & upperend of tibia alldemonstrators				
1-2	R E C E S S					
2-3	Tutorial	DissectionBackofthigh AN16.4.1.Atthe endofthesession thestudent should be able toDefine andlocate hamstrings, describethe charecteristicsof thesemuscles. AN16.4.3.Atthe endofthesession thestudent should be able to Desribe theorigininsertion ,nervesupply,and actionof hamsrtings AN16.4.1.Atthe endofthesession thestudent should be ableto Describe anddemonstrate origin,course, relations,branches , terminationof SCIATINNERVE. Allfaculties		DemoPatella **AN14.1 Identify thegiven bone, its side,important features &keep it in anatomicalposition** **AN14.2 Identify &describe joints formedby thegivenbone lla** Alldemonstrators		

3-5	P - W B C c o u n t P - B P B-Laboratory Urine report : normal Chemicalcomponentofurine **(TeachingwillbewithECE)**	SDL-SciaticNerve	P-WBC countP-BP B-Laboratory Urine reportnormal Chemical componentofurine	DissectionHipjoint AN17.1.1.At the end ofthe session the studentshould be able to Explainhip joint under 1.Type ofjoint,itscapsule,ligaments,and synovial membrane.AN17.1.2.At the end ofthe session the studentshould be able to ExplainrelationsOfhipjoint AN17.1. 3.At the end ofthe session the studentshould be able to ExplainMovements , andmuscles responsible forthose movements in hipjoint AN17.1.4. At the end ofthe session the studentshould be able to Identifyand locate different bursaaroundhip joint AN17.1.5.At the end ofthe session the studentshould be able toDescribe nerve supplyand blood supply of hipjoint Allfaculties	P-WBC countP-BP B-Laboratory Urine report:normal Chemical component ofurine **(TeachingwillbewithECE)**	

NOV 2023	**27.11.23**	**28.11.23**	**29.11.23**	**30.11.23**	**1.12.23**	**2.12.23**
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**

9-10	) Physiology ECE (Topic-NCV/EMG	Lower limbPoplitealArteryAndAnastomosis AroundKnee Joint **TLmethod – Interactivelecture** **AN16.5 Describe anddemonstrate theorigin,course,relations, branches(or tributaries),termination ofimportant nerves andvessels on the backof thigh** **AN16.6 Describe anddemonstrate theboundaries,roof,floor,contentsandrelations of poplitealfossa** **Dr B.N.Patel**	**Biochemistry – BI4.4- Describe the structureand functions oflipoproteins, theirfunctions,interrelations&relations withatherosclerosis.-1(TL** **method – Interactivelecture)**	LowerlimbFrontofLegAnt.Tibial Artery**TLmethod– Interactivelecture** **AN18.1 Describeand demonstratemajor muscles ofanterolateralcompartmentofleg withtheirattachment, nervesupply and actionsAN18.2 Describeand demonstrateorigin,course,relations, branches(or tributaries),termination ofimportant nervesand vessels ofanterior c AN18.3 Explainthe anatomicalbasisoffootdropompartment ofleg** **Dr.D.M.Kapadia**	**CommunityMedicine:** **Field visit for Family AdoptionProgramme**	Embryology **TL method – Interactivelecture** **AN79.4 Describe thedevelopment of somitesand intra-embryoniccoelom** **AN79.5 Explainembryological basis ofcongenitalmalformations,nucleus pulposus,sacrococcygealteratomas, neural tubedefects** **AN79.6 Describe thediagnosis ofpregnancyinfirsttrimester and role ofteratogens, alpha-fetoprotein** **Dr.K.P.Shah**
10-11	Physiology– Hospital visit(NCV/EMGroom)	LowerlimbBack of the Leg**TLmethod– Interactivelecture** **AN19.1 Describe anddemonstrate themajor muscles ofback of leg with theirattachment,nerve supplyandactions**	Physiology-**PY5.2- Describe the properties ofcardiac muscle includingits morphology, electrical,mechanicaland metabolic functions.(TLmethod– Interactive lecture)**Propertiesofcardiac muscle	LowerlimbLateralsideofLeg,Deep peronealnerve **TLmethod – Interactivelecture** **AN18.1 Describe anddemonstratemajor musclesof**		Histology lectureMuscle **AN67.1 Describe &identify various typesof muscle under themicroscope** **AN67.2Classifymuscle and describethe structure-functioncorrelatio**

						n of the sameAN67.3 Describe theultrastructure ofmuscular tissueDr.S.D.Sha

		Dr.N.R.Bhojak		**anterolateralcompartmentoflegwithheirattachment, nervesupplyandactions** **AN18.2 Describeand demonstrateorigin,course,relations, branches(or tributaries),termination ofimportant nerves andvessels of anteriorDr.N.R.Bhojak**		
11-12	**Biochemistry – BI4.3-Explainthe regulation of lipoproteinmetabolism&associated disorders.(TLmethod– Interactivelecture)**	LowerlimbBack of the Leg**TLmethod– Interactivelecture** **AN19.2 Describe anddemonstrate theorigin,course,relations, branches(or tributaries),termination ofimportantnerves and vessels of back of legDr.N.R.Bhojak**	Physiology - **PY5.2-Describe the properties ofcardiac muscle includingits morphology, electrical,mechanicaland metabolic functions.(TLmethod– Interactive lecture)**propertiesof cardiacmuscle	DissectionFrontofLeg AN18.1.1ADescribeand demonstratemajor muscles ofanterior compartmentof leg with theirattachment, nervesupply and actionsAN18.2Describeand demonstrate origin,course,relations,branches (ortributaries),termination ofimportant nerves andvesselsofanteriorcompartmentofleg Allfaculties		Histology PracticalMuscle **AN67.1 Describe &identify various typesof muscle under themicroscope AN67.2Classify muscle and describethe structure-functioncorrelation of the sameAN67.3 Describe theultrastructure ofmusculartissue All faculties**
12-1	**PY 5.1- Functional anatomy ofheart including chambers,sounds and pacemaker tissuesandconductingsystem**	DemoTibia **AN14.1 Identify thegiven bone, its side,important features &keep it in anatomicalposition AN14.2 Identify &describe jointsformed by the givenbone AN14.3 Describe theimportance ofossificationoflower end of femur & upperend**	**Biochemistry – BI4.4-Describe the structureand functions oflipoproteins, theirfunctions, interrelations&relations withatherosclerosis.-2(TL method – Interactivelecture)**			

		of tibia **All demonstrators**				
1-2				R E E S S		
2-3	Tutorial	DissectionAn19.1Describe anddemonstrate themajor muscles ofback of leg with theirattachment, nervesupply and actionsBack oftheLegAN19.2Describe anddemonstrate theorigin,course,relations,branches(or tributaries),termination ofimportant nerves andvesselsofbackofleg Allfaculties	Tutorial	DemoFibula **AN14.1 Identify thegiven bone, its side,important features &keep it in anatomicalposition** **AN14.2 Identify &describe joints formedby thegivenbone** **Alldemonstrators**	Tutorial	
3-5	**(TeachingwillbewithECE)** **P-wbc count** **P-BP** B-Chemical component of normalurine	SDL GenicularAnastomosis	P-RBC countP-Spirometry B-Chemical component ofabnormal urine:labreport	Dissection Lateral Side Of LegAll faculties	P-RBC countP-Spirometry B-Chemical component of abnormalurine :labreport **(Teachingwillbewith ECE)**	

DEC2023	**4.12.23**	**5.12.23**	**6.12.23**	**7.12.23**	**8.12.23**	**9.12.23**
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
9-10	Physiology-**PY5.3-Discuss theevents occurring during the cardiaccycle.(TLmethod–Interactive lecture)** Cardiaccycle	LowerlimbRetinacula aroundanklejoint **TL method –Interactive lectureAN20.1 Describeanddemonstrate thetype,articularsurfaces, capsule,synovialmembrane,ligaments, relations,**	**Biochemistry – BI5.4-Describe common disordersassociatedwithprotein metabolism.-1(TLmethod–Interactivelecture)**	LowerlimbSole of the Foot**TL method –Interactivelecture** **AN19.2 Describe anddemonstratethe origin,course,relations, branches (or**	**CommunityMedicine** **First term ending exam; feedbacktothestudents; feedbackfromthestudents**	Embryology **TLmethod–Interactive lecture** **AN81.1 Describe variousmethods of prenatal diagnosisAN81.2 Describe indications,process and**

						disadvantages ofamniocentesis **AN81.3 Describe indications,process and disadvantages ofchorionvillus biopsy** Dr.K.P.Shah

		movements andmuscles involved,blood and nerve supplyof tibiofibular andanklejoint Dr.N.R.Bhojak		**tributaries),termination ofimportantnerves andvessels of backofleg Dr.D.M.Kapadia**		
10-11	Physiology-**PY5.4-Describegeneration, conduction of cardiacimpulse.(TL method–Interactive lecture)**	LowerlimbKnee Joint**TLmethod–Interactivelecture** **AN18.4 Describeand demonstratethetype,articulars urfaces, capsule,synovialmembrane,li gaments,relations,movements andmuscles involved,blood and nerve supply,bursae aroundthekneejoint** **Dr.K.P.Shah**	Physiology-**PY5.5-Describethe physiology ofelectrocardiogram (E.C.G), itsapplicationsandthecardiac axis.(TL method – Interactivelecture)**	LowerlimbSole of the Foot**TLmethod–Interactivelecture** **AN19.5 Describefactorsmaintainingimportancearches of thefoot with itsImportance** **Dr.D.M. Kapadia**		HistologyLectureBloodVessels **AN69.1 Identify elastic &muscular blood vessels,capillaries under themicroscope AN69.2 Describe the varioustypes and structure-functioncorrelationofblood Vessel AN69.3 Describe theultrastructureofbloodvessels** **Dr.S.D.Shah**
11-12	BiochemistrySDL–ClinicalaspectofEnzymology	LowerlimbKnee Joint**TLmethod–Interactivelecture** **AN18.5 Explainthe anatomicalbasis of lockingand unlocking ofthe knee joint KKH Y Small groupteaching Written/Viva voce** **AN18.6 Describeknee joint injurieswith its appliedanatomy**	Physiology- **PY5.6-Describeabnormal ECG, arrythmias, heartblock and myocardialInfarction.(TL method – Interactivelecture)**	Dissection Of Sole of thefoot **AN20.1 Describe anddemonstratethe type,articularsurfaces,capsule,synovialmembrane,ligaments,relations, movements andmuscles**		HistologyPracticalBloodVessels**AN69.1 Identify elastic &muscular blood vessels,capillaries under themicroscope AN69.2 Describe the varioustypes and structure-functioncorrelationofblood Vessel**

						AN69.3 Describe theultrastructure of blood vesselsAllfaculties

		AN18.7 Explainanatomical basisof OsteoarthritisDr.K.P.Shah		**involved, bloodand nervesupply oftibiofibular andanklejoint** **All faculties**		
12-1	Physiology-**PY5.5-Describe thephysiology of electrocardiogram(E.C.G),itsapplicatio nsandthe cardiacaxis.(TLmethod– Interactivelecture)**	DemoArticulated Foot**AN14.4Identify and name variousbonesinthearticulated footwith individualmuscleattachment All demonstrators**	**Biochemistry – BI5.4-Describe common disordersassociatedwit hprotein metabolism.-2(TLmethod– Interactivelecture)**			
1-2	REC ES S					
2-3	Tutorial	Dissection OfKneeJointAN18.4Describea nd demonstratethe type, articularsurfaces, capsule,synovialmembrane,lig aments,relations,movements andmuscles involved,blood andnervesupply,bursaearound the kneejoint SDLKneeJoint **All faculties**	Tutorial	DemoRadiologyofLL**AN20.6 Identifythe bones andjoints of lowerlimb seen inanteroposteriorand lateralviewradiographs ofvarious regionsoflowerlimbAlldemonstrat ors**	Tutorial	
3-5	**)** **P-RBCCOUNT** **P-SPIROMETRY** B-Chemical component of abnormalurine:lab report **(TeachingwillbewithECE**		p-RBC countP-Spirome try B-Chemical component ofabnormalurine:labr eport	Dissection Of Sole of thefoot **AN20.1** **Describe anddemonstratethe type,articular surfaces,capsule,**	p-RBC countP-Spirometry B-Chemical component of abnormalurine:lab report **(TeachingwillbewithECE)**	

				synovialmembrane,ligaments,relations,movements andmusclesinvolved, bloodand nervesupply oftibiofibular andanklejoint **All faculties**		

DEC 23	**11.12.23**	**12.12.23**	**13.12.23**	**14.12.23**	**15.12.23**	**16.12.23**
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
9-10	Physiology-**PY5.7-Describeand discuss hemodynamics ofcirculatorysystem.** **(TLmethod –Interactive** **lecturewithSDL)**	Lowerlimb ArchesOfthe Foot **TLmethod – Interactivelecture** **AN19.5 Describefactors maintainingimportance arches ofthe foot with itsimportance K KH Y LectureWritten/ Viva voceAN19.6 Explain theanatomical basis ofFlat foot & Club footAN19.7 Explain theanatomical basis ofMetatarsalgia&Plantar fasciitis Dr.S.D.Shah**	**Biochemistry – BI3.6-Describeand discuss the concept of TCAcycleasa amphibolicpathway anditsregulation.(TLmethod–** **Interactivelecture)**	Introduction of Thorax**TL method –Interactivelecture** **AN21.3 Describe theboundaries of thoracicinlet, cavity and outlet**Dr.J. P.Patel		Embryology **TL method – Interactive lecture** **AN13.8 Describedevelopment of upper limbAN20.10 Describe basicconcept of development oflowerlimb AN25.2 Describedevelopment of pleura, lung& hear Dr.K.P.Shah**
10-11	Physiology - **PY5.9-Describethe factors affecting heartrate, regulation of cardiacoutput &blood pressure.**(Cardiacout	LowerlimbInversion EversionTL **method – Interactivelecture**	Physiology-**PY5.10-Describe&discuss regional circulationincludingmicrocirculation,lymphatic circulation,**	Intercostalspaces **TL method – Interactivelecture** **AN21.4Describeextent,**		HistologyLectureRespiratorysystem**AN25.1Identify,draw and label a slide of trachea**

	putregulation)**(TL method– Interactivelecture)**		**coronary,cerebral, capillary,skin,foetal,**			**andlung Dr.S.D.Shah**

		AN20.1 Describe anddemonstrate thetype,articularsurfaces,capsule,synovial membrane,ligaments, relations,movements andmuscles involved,blood and nerve supply oftibiofibular and anklejoint **AN20.2 Describe thesubtalar andtransverse tarsaljoints** **Dr.B.N.Patel**	**pulmonary and splanchniccirculation.** **(TL method –Interactive lecture)**Regionalcirculation	**attachments, directionoffibres,nervesupply and actions ofintercostal musclesAN21.5 Describe &demonstrate origin,course, relations andbranches of a typicalintercostalnerve** **Dr.D.M.Kapadia**		
11-12	**Biochemistry – BI3.5-Describeand discuss the regulation,functions and integration ofcarbohydrate along withassociateddiseases/disorders.(TL method– Interactivelecture)**	Applied Anatomy ofLowerlimb Early ClinicalExposureDr.J.P. Patel	Physiology-ECE-(Topic-Ischemicheart disease)	Respiratory movements**TL method –Interactivelecture** **AN21.9 Describe &demonstrate mechanicsand typesofrespiration** **Dr.K.P.Shah**		Histology PracticalRespiratorysystem**AN25.1Identify ,draw and label a slide of trachea andlung** **AllFaculties**
12-1	Physiology-**PY5.9-Describethe factors affecting heartrate, regulation of cardiacoutput & blood pressure.**(Regulationof Heartrate&BP) **(TL method – Interactivelecture)**	DemonstrationSurface marking of LL**AN20.7 Identify &demonstrateimportant bonylandmarks of lowerlimb: -Vertebrallevels of highestpoint of iliac crest,posterior superioriliac spines, iliactubercle, pubictubercle, ischialtuberosity, adductortubercle,** **-Tibial tuberosity,headof fibula,** **-Medial and lateralmalleoli,Condylesof**	**Biochemistry – BI3.7-Describethecommonpoisons thatinhibit crucial enzymesofcarbohydratemetabolism(eg;** **fluoride,arsenate)(TLmethod– Interactivelecture)**	DemoThoraciccage **AN21.3 Describe &demonstrate theboundaries of thoracicinlet, cavity and outletdemonstrate mechanicsand types of respiration** **AllDemonstrator**		

		femurandtibia,sustentaculumtali,tuberosity of fifthmetatarsal,tuberosity of thenavicular AllDemonstrators				
1-2	R E C E S S					
2-3	Tutorial	EarlyClinical	Tutorial	Dissection	Tutorial	
3-5	P-DC-I P-Resp.Efficiency,PEFR B-Analysisof constituentsofCSF **(TeachingwillbewithECE)**	Exposure of Upper& Lower limbDr.J.P.Patel	P-DC-I P-Resp.Efficiency,PEFR B-AnalysisofconstituentsofCSF **(TeachingwillbewithECE)**	Intercostalspace**AN21.4 Describe&demonstrate extent,attachments, directionoffibres,nervesupply and actions ofintercostalmuscles** **AN21.5 Describe &demonstrate origin,course, relations andbranches of a typicalintercostalnerve AllFaculties**SDL IntercostalspaceDissection Intercostal space SDLIntercostalspace	P-DC-I P-Resp.Efficiency,PEFR B-Analysisof constituentsofCSF **(TeachingwillbewithECE)**	

DEC 2023	**18.12.23**	**19.12.23**	**20.12.23**	**21.12.23**	**22.12.23**	**23.12.23**
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
9-10	(Physiology hospital visit Topic-Cath-lab)-ECE	Mediastinum **TLmethod– Interactivelecture** **AN21.11Mention boundaries andcontentsof the**	**Biochemistry – BI3.9-Discuss themechanism andsignificance of bloodglucose regulation inhealthanddisease.-1(TLmethod– Interactivelecture)**	Thorax **Azygous venous systemTL method – Interactivelecture** **AN23.3 Describe &demonstrateorigin,course,**		Heart-1 **TLmethod– Interactivelecture** **AN22.7Mentionthe parts, position andarterialsupplyofthe**

		superior, anterior,middle andposteriormediastinum **AN22.7Mentiontheparts, position andarterial supply of theconducting systemof heart** **Dr.B.N.Patel**		**relations, tributaries andtermination of superiorvenacava,azygos, hemiazygos and accessoryhemiazygosvein s** **Dr. J.P.Patel**		**conductin gsystemof heart** **Dr.D.M.Kapadi a**
10-11	Physiology lecture-**PY5.11- Describe thepatho-physiology of shock, syncopeandheartfail ure.(TLmethod– Interactivelecture)** Patho-physiologyofshock	Pleura&pleuralrecesses **TLmethod– Interactivelecture** **AN24.1 Mention thebloodsupply,lymphatic drainageand nerve supply ofpleura, extent ofpleura and describethepleuralrecessesan dtheir appliedanatomy** **Dr.S.D.Shah**	**Biochemistry – BI3.9- Discuss themechanism andsignificance of bloodglucose regulation inhealthanddisease.-2(TLmethod– Interactivelecture)**	ThoraxPeric ardium **TL method – Interactivelecture** **AN22.1 Describe &demonstrate subdivisions,sinuses in pericardium, bloodsupply and nerve supply ofpericardium** **Dr. B.N.Patel**		Coronary artery & itsboundaries **TLmethod– Interactivelecture** **AN22.3 Describeorigi n, course andbranches ofcoronary Arteries** **Dr.N.R.Bhojak**
11-12	**Biochemistry – BI3.8- Discuss andinterpret laboratory results of analytesassociatedwi thmetabolismof carbohydrates.(TLmet hod– Interactivelecture)**	Lungs&BronchopulmonarySeg ments **TLmethod– Interactivelecture** **AN24.2 Identify side,external features andrelations ofstructures whichform root of lung&bronchial tree andtheirclinicalcorrelate** **Dr. N.R.Bhojak**	PhysiologyHospital visit(Topic-PFT)	Dissection Lung **AN24.2 Identify side, externalfeatures and relations ofstructureswhich form rootoflung&bronchialtree and their clinicalcorrelate** **AllFaculties**		DissectionTr acheobronch eal**tree** **AN24.2 Identify side,external features andrelations ofstructures whichform root of lung &bronchialtreea ndtheirclinicalc orrelate** **AllFaculties**
12-1	Physiology -**PY5.11- Describethe patho-physiologyof shock,syncope**	Demo	Physiology-**PY6.2- Describe the**			

	andheart failure.(TLmethod– Interactivelecture) Shock&Heartfailure	Sternum **AN21.1 Identify anddescribe the salientfeatures of sternumAN21.10 Describecostochondral andinterchondral jointsAllDemonstrator**	**mechanics of normalrespiration, pressurechanges duringventilation, lungvolume andcapacities,alveolarsurf acetension,compliance,air way resistance,ventilation, V/P ratio,diffusioncapacity oflungs. (TL method – Interactive lecture)**Mechanicsof respiration			
1-2	RECESS					
2-3	Tutorial	DissectionMediastinum**AN21.11 Mentionboundaries andcontentsofthesuperior,ante rior,middleandposteriormedias tinumAN23.5 Identify &Mention the locationandextentof thoracic sympatheticchain AN23.6 Describe thesplanchnic nervesAllFaculties** SDL Pleura & pleuralrecesses	Tutorial	DemoTypi calrib **AN21.1 Identify and describethe salient features of typicalrib AllDemonstrator**	Tutorial	
3-5	P-DC-I P-Resp.Effi,PEFR B- Analysisofconstituentsof CSF		P-DC-I P-Resp.Effi,PEFRB- Analysis ofconstituentsofCSF	Dissection Lung **AN24.2 Identify side, externalfeatures and relations ofstructureswhich form rootoflung&bronchialtree and their clinicalcorrelate** **AllFaculties**	ECE-Pulmonarydisease	

DEC 2023	**25.12.23 HOLIDAY**	**26.12.23**	**27.12.23**	**28.12.23**	**29.12.23**	**30.12.23**
	Monday	**Tuesday**	**Wed 1stinternal**	**1stinternal**	**1stinternal**	**1stinternal**
9-10		Thorax				

10-11			**1 EXAMINATION**			
11-12						
12-1						

1-2	REC ES S					
2-3			1stinternal	1stinternal	1stinternal	1stinternal
3-5						

JAN 24	**1.1.24**	**2.1.24**	**3.1.24**	**4.1.24**	**5.1.24**	**6.1.24**
	Monday1stinternal	Tuesday1stinternal		Thu 1stinternal	Fri1stinternal	Sat1stinternal

Jan 24	**8.1.24**	**9.1.24**	**10.1.24**	**11.1.24**	**12.1.24**	**13.1.24**
	Monday1stintern al	**Tuesday1stinterna l**	**Wed**	**Thursday**	**Friday**	**Saturday**
9-10			**Biochemistry – BI5.5-Interpret laboratoryresults of analytes associated withmetabolismofproteins.(TLmethod – Interactivelecture)**	THORAX Heart-2 **TLmethod– Interactivelecture** **AN22.2 Describeexternalandinternal featuresofeachchamber of Heart** **AN22.6 Describe thefibrous skeleton ofheart** **Dr.D.M.Kapadia**	**Biochemistry – BI4.6-Describethe therapeutic uses ofprostaglandins and inhibitorsofeicosanoid synthesis.-1(TL method–Interactivelecture)**	Embryology **TL method – Interactivele cture** **AN25.2 Describedev elopment of pleura,lung& heart** **Dr.K.P.Shah**
10-11			Physiology -**PY6.7- Describeanddiscuss**	ThoraxHeart-3 **TLmethod– Interactivelecture** **AN22.4 Describeanatomical basis ofischaemic heartdisease** **Dr. J.P.Patel**	Physiology– **PY6.3-Describe**	Histologylecturere vision

			lung function tests & their clinicalsignificance. (TL method – Interactivelecture) PFT		**and discuss the transport ofrespiratory gases: Oxygen andCarbondioxide.** (TransportofCO2)**(TLmethod – Interactivelecture)**	**Dr.S.D.Shah**
11-12				Thorax Arch of Aorta;Thoracic duct**TLmethod– Interactivelecture**	Physiology-**PY6.4-Describeand discuss the physiology ofhigh altitude and deep seadiving.(**Physiologyofdeepsea) **(TL method – Interactivelecture)**	HistologyPracticalr evision **AllFaculties**
12-1			Physiology- **PY6.6- Describe and discussthe pathophysiology of dyspnoea,hypoxia, cyanosis asphyxia; drowning,periodicbreathing.**(Dyspnoea, asphyxia, periodic breathing)**(TL method – InteractivelecturewithSDL)**	**AN23.4 Mention theextent, branches andrelations of arch ofaorta & descendingthoracicaorta Dr. B.N.Patel**	**Biochemistry – BI4.6-Describe the therapeuticusesofprostaglandins and inhibitorsofeicosanoid synthesis.-2(TLmethod– Interactivelecture)**	
1-2	R EC E SS					
2-3			Tutorial	DemoAtypicalrib **AN21.2 Identify&describethefeatures of 2nd, 11thand12thribs AllDemonstrator**	Tutorial	
3-5			P-DC-II P-Cli.ExofRS B-Introduction to colorimetry& relatedtechniques	DissectionOfHeart **AN22.2 Describe &demonstrateexternalandinternalfeaturesofeachchamber ofheart** **AllFaculties**	P-DC-II P-Cli.ExofRS B-Introduction to colorimetry&relatedtechniques	

Jan 24	15.1.24	16.1.24	17.1.24	18.1.24	19.1.24	20.1.24
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology- **PY6.4-Describe anddiscuss the physiology of highaltitude and deep sea diving.(**Highaltitude physiology) &**PY6.5-Describe and discuss theprinciples of artificial respiration,oxygen therapy, acclimatizationand decompression sickness.**(Acclimatization & Decompressionsickness)**(TL method – Interactivelecturewith SDL)**	**Abdomen** Introduction of Abdomen**TL method – Interactivelecture** **AN44.1 Describe &demonstrate the Planes(transpyloric, transtubercular, subcostal, lateralvertical, linea alba, linesemilunaris), regions &Quadrants of abdomenDr.J.P.Patel**	**Biochemistry – BI3.10-Interpret the results of bloodglucose levels and otherlaboratory investigationsrelatedtodisorders of carbohydratemetabolism.1 (TL method – Interactivelecture)**	AbdomenRectussheath **TL method – Interactivelecture** **AN44.3 Describe theformation of rectussheathand its contentsDr D MKapadia**	**Biochemistry – BI3.10-Interpret the results of bloodglucose levels and otherlaboratory investigationsrelatedtodisorders of carbohydratemetabolism.2 (TL method –Interactivelecture)**	Embryology **TL method – Interactivelecture** **AN25.4 Describeembryologicalbasisof: 1) atrial septal defect, 2)ventricularseptaldefect, 3) Fallot's tetralogy & 4)tracheo-oesophagealfistula Dr. K.P.Shah**

10-11		Abdomen Anterior abdominal wall**TL method – Interactivelecture** **AN44.2 Describe &identify the Fascia,nerves & blood vesselsofanterior abdominal wallAN44.6 Describe&demonstrate attachments of musclesof anterior abdominalWall AN44.7 Enumeratecommon Abdominalincisions Dr.B.N.Patel**	SDL Effectofexercise oncardiorespiratorysystem	InguinalcanalTLmethod– **Interactivelecture** **AN44.4 Describe&demonstrate extent,boundaries, contents ofInguinal canalincludingHesselbach'striangle. AN44.5 Explain theanatomical basis ofinguinalhernia. DrSD Shah**	Biochemistry-SDLClinicalaspectofImmunoglobulin	Histology lectureOral Cavity **AN43.2 Identify, describeand draw themicroanatomy of pituitarygland, thyroid,parathyroid gland,tongue,salivaryglands,tonsil, epiglottis, cornea,retina AN43.3 Identify, describeand draw microanatomy of olfactory epithelium,eyelid, lip,sclero-cornealjunction, optic nerve,cochlea- organ of corti,pineal DRS.D.SHAH**
11-12	**Biochemistry – BI2.7-Interpretlaboratory results of enzymeactivities & describe the clinicalutility of various enzymes asmarkersof pathological conditions.(TLmethod– Interactivelecture)**	Dissection Anterior abdominal wallAN44.2 Describe &identify the Fascia, nerves& blood vessels of anteriorabdominal wall AN44.6 Describe &demonstrateattachments of muscles of anteriorabdo		UmbilicusTLmethod – **Interactivelecture**AN44.1Describe &demonstrate the Planes(transpyloric, transtubercular,subcostal, lateral vertical,linea alba, linea semilunaris),regions & Quadrants ofabDrBNPatel	Physiology- **PY7.1- Describestructure and function ofkidney(TL method – Interactivelecture)**	Histology practicalOral Cavity **AN43.2 Identify, describeand draw themicroanatomy of pituitarygland, thyroid,parathyroid gland,tongue,salivaryglands,**
12-1	Physiology-**PY6.6-Describeand**				**Physiology-PY7.2-Describe**	

		minal Wall AN44.7 Enumerate common Abdominali ncisions AllFacuties				

	discuss the pathophysiology ofdyspnoea, hypoxia, cyanosisasphyxia; drowning, periodicbreathing(Hypoxia) **(TL method – Interactivelecture)**				**the structure and functionsof juxta glomerularapparatus and role of renin-angiotensinsystem.(**Juxtaglomerularapparatus)**(TLmethod–Interactivelecture)**	**tonsil, epiglottis, cornea,retina AN43.3 Identify, describeand draw microanatomy of olfactory epithelium,eyelid, lip,sclero-cornealjunction, optic nerve,cochlea- organ of corti,pineal gland All Facuties**
1-2	R EC E SS					
2-3	Tutorial	Demo lumbar vertebrae**AN 50.1 Describe thecurvatures of thevertebral columnAN50.2Describe &demonstratethetype, articular ends, ligamentsand movements ofIntervertebral jointsAN50.3 Describe lumbarpuncture (site, directionof the needle, structurespierced during the lumbarpuncture) AN50.4 Explain theanatomical**	Tutorial	Demo oSacrum AllDemonstrators	Tutorial	

		basis ofScoliosis,Lordosis,Prolapsed disc,Spondylolisthesis&Spinabifida AllDemonstrators				

3-5	P-DC-II P-Cli.ExofRS B-Introduction to colorimetry& relatedtechniques	Dissection Anteriorabdominalwall AN44.2 Describe & identifythe Fascia, nerves & bloodvesselsofanteriorabdominal wall AN44.6 Describe &demonstrate attachmentsof musclesofanterior abdominal Wall AN44.7 Enumerat ecommo n Abdomin alincision s **All Facuties**	P-DC-II P-Cli.ExofRS B-Introduction to colorimetry&relatedtechniques	Dissection Inguinalcanal& rectussheath AN44.3 Describe theformationofrectuss heathand its contentsAN44.4 Describe&demonstrat e extent,boundaries,co ntentsofInguinal canalincludingHessel bach'striangle. AN44.5 Explain theanatomical basis of inguinalhernia **All Facutie**	P-DC-II P-Cli.ExofRS B-Introduction to colorimetry&relatedtechniques	

Jan 24	**22.1.24**	**23.1.24**	**24.1.24**	**25.1.24**	**26.1.24**	**27.1.24**
9-10	Physiology - **PY7.3-Describethe mechanism of urineformationinvolving processes of filtration, tubulararreabsorption & secretion;concentration and dilutingmechanism.(**Glomerularfiltration)**(TLmethod– Interactivelecture)**	Perito neum - introd uctio n**TL meth od**– **Interactivelectur e** **AN47.2 Name &identify variousperi toneal**	**Biochemistry – BI6.1- Discuss themetabolic processes that takeplace in specific organs inthebody in the fed and fastingstates.(TL method – Interactivelecture)**	Tracing of peritoneum**TL method** – **Interactivelecture AN47.1Describe& identify boundariesandrecesses of Lesser&Greatersac** Dr. J.P.Patel	**Biochemistry – BI6.2-Describe and discuss themetabolic processes inwhich nucleotides areinvolved.-1(TL method– Interactivelecture)**	Embryology **TLmethod**– **Interactivelectur e** **AN52.4 Describethe development ofanterior abdominalwall AN52.5 Describethe development andcongenit alanomalies ofDiaphragm**

		folds &pouches with itsexplanation Dr.J.P.Patel				**Dr. K.P.Shah**
10-11	Physiology - **PY7.3- Describethe mechanism of urineformationinvolving processes of filtration, tubularreabsorption & secretion;concentration and dilutingmechanism** (Tubularreabsorption) **(TL method – Interactivelecture)**	Lesser sac & greatersac**TL method– Interactivelecture** **AN47.1 Describe &identify boundariesandrecesses ofLesser & Greater sacDr.J.P.Patel**	Physiology deptATCOM	Stomach **TL method – Interactivelecture** **AN48.2 Describe &demonstrate the(position,features,important peritonealand other relations, bloodsupply, nerve supply,lymphatic drainageandclinical aspects of)important male & female pelvicviscera**	Physiology - **PY7.6- Describethe innervations of urinarybladder, physiology ofmicturitionanditsabnormalities. (TL method –Interactive lecture)**Micturition	Histology**TLM**ethod-interactive LectureDigestive 1 **AN52.1 Describe &identify themicroanatomicalfeatures of Gastro-intestinalsystem:Oesophagus, Fundus of stomach,Pylorus of stomach,Duodenum,Jejunum, Ileum,Large intestine,Appendix, Liver,Gall bladder,Pancreas &Suprarenalgland Dr.S.D.Shah**
11-12	**Biochemistry – BI4.7- Interpretlaboratory results of analytesassociated with metabolism oflipids.(TL method – Interactivelecture)**	Dissection Inguinal canal & rectussheath AN44.3 Describe theformation ofrectus		Peritonealrecesses **TL method – Interactivelecture** **AN47.3 Explainanatomical basis ofAscites & PeritonitisAN47.4 Explainanatomical**	Physiology-**PY7.7-Describeartificial kidney, dialysis andrenaltransplantation.(TLmethod – Interactive lecture)**Hospitalvisit	Histology practicalDigestive 1 **AN52.1 Describe &identify themicroanatomical**

				basis ofSubphrenic abscessDr.K PShah		
		sheathand its contentsAN44.4 Describe&demonstrate extent,boundaries,contentsofInguinal canalincludingHesselbach'striangle. AN44.5 Explain theanatomical basis ofinguinal hernia. **All Facuties**		**AN47.6Lymphaticspreadincarcinoma stomachDr B N Patel**	Dialysis&transplantation	**features ofGastro-intestinalsystem:Oesophagus, Fundus of stomach,Pylorus of stomach,Duodenum,Jejunum, Ileum,Large intestine,Appendix, Liver,Gall bladder,Pancreas &SuprarenalglandAllFacuties**

12-1	Physiology - **PY7.3-Describethe mechanism of urineformationinvolving processes of filtration, tubularreabsorption & secretion;concentration and dilutingmechanism** (Urine diluting&concentration mechanism) **(TLmethod–Interactivelecture)**	Thoracicdiaphragm **TL method – Interactivelecture** **AN47.13 Describe theattachments,openings, nervesupply & action of thethoracoabdominaldiaphragm** **AN47.14 Describe theabnormal openings ofthoracoabdominaldiaphragmand** **diaphragmatichernia** **Dr.N.R.Bhojak**	Physiology- **PY7.5- Describe therenal regulation of fluid andelectrolytes & acid-base balance.**(Acid base balance) **(TL method –Interactivelecture)**	Demo Bonypelvis-I **AN53.2 Demonstratetheanatomicalposition of bony pelvis& show boundaries ofpelvic inlet, pelviccavity, pelvic outletAN50.2Describe&demonstrate the type,articular ends,ligaments andmovements ofSacroiliac joints &Pubicsymphysis** AllDemonstrators	**Biochemistry – BI6.2-Describe and discuss themetabolic processes inwhich nucleotides areinvolved.-2(TL method–Interactivelecture)**	
1-2	REC ES S					
2-3	Tutorial	Demo-Spleen **AN48.2Describe &**	Tutorial	DissectionPeritoneum AN47.1Describe& identify boundaries andrecessesofLesser&Greater sac AllFacuties	Tutorial	
				SDLPeritoneum		

		demonstrate the(position,features,important peritonealand other relations, bloodsupply, nerve supply,lymphatic drainageandclinical aspects of) importantmale & female pelvicviscera AN47.6 Explain theanatomical basis ofSplenic notch,Accessory spleens,Kehr's Sign AllDemonstrators				
3-5	P-ESR,PCV,Bloodindices P-Clinical Examination of CVSB-Quantitative Estimation ofGlucose	DissectionPeritoneum AN47.2 Name & identifyvarious peritoneal folds& pouches with itsexplanation **AllFaculties**		P-ESR,PCV,Bloodindices P-ClinicalExaminationofCVS B-QuantitativeEstimationofGlucose	P-ESR,PCV,Bloodindices P-Clinical Examination of CVSB-Quantitative Estimation ofGlucose	

Jan 24	**29.1.24**	**30.1.24**	**31.1.24**	**01.02.24**	**02.02.24**	**03.02.24**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology-**PY7.4-Describe &discuss the significance &implication of Renal clearance.(**Renalclearance & Fluid balance regulation) **.(TLmethod–Interactivelecture)**	Pancreas **TL method** – **Interactivelecture** **AN47.5 Describe &demonstratemajor visceraofabdomen**	**Biochemistry – BI6.3- Describe thecommon disorders associated withnucleotidemetabolism.(TLmethod – Interactivelecture)**	Portal vein &Portocavalanastomosis **TLmethod** – **Interactivelecture** **AN47.8 Describe &identify theformation, courserelations andtributaries of PortalVein AN47.10 Enumeratethe**	**Biochemistry –BI6.4-Discussthe laboratory results ofanalytes associated withgout &LeschNyhansyndrome.(TLmethod–Interactivelecture)**	General Embryology Revision All Faculties

				sites ofportosystemicanastomosisAN47.11 Explain theanatomic basis ofhematemesis& caputmedusae in portalHypertension Dr B NPatel		
		under followingheadings (anatomicalposition, external andinternalfeatures,important peritoneal and otherrelations, blood supply,nerve supply, lymphaticdrainage andappliedaspects) Dr.D.M.Kapadia				
10-11	Physiology **- PY7.8- Describe &discuss Renal Function Tests.(TL method – Interactivelecture)**	Intestine & Duodenum**TL method** – **Interactivelecture** **AN47.5 Describe &demonstrate majorviscera of abdomenunder followingheadings (anatomicalposition, external andinternalfeatures,important peritoneal and otherrelations, blood supply,nerve supply, lymphaticdrainageandappliedaspects)** **Dr.D MKapadia**	Physiology -**PY8.6- Describe &differentiate the mechanism ofaction of steroid,protein and aminehormones.(TL method – Interactivelecture)** – (Mechanismofhormoneaction)	Gall Bladder & Biliaryapparatus**TLmethod** –**Interactivelecture** **AN47.5 Describe &demonstrate majorviscera of abdomenunder followingheadings (anatomicalposition, external andinternalfeatures,important peritoneal and otherrelations, bloodsupply, nerve supply,lymphatic drainage and appliedaspects) AN47.6 Referredpainincholecystitis,Obstructive jaundiceAN47.7Mentionthe clinical importance ofCalot'striangle** Dr N R Bhojak	**Biochemistry – BI7.1- Describe the structure andfunctions of DNA and RNAand outline the cellcycle.1(TL method – Interactivelecture)**	General Histology Revision All Faculties

11-12	**Biochemistry – BI6.2-Describeand discuss the metabolicprocesses in whichnucleotidesare involved.-3(TL method – Interactivelecture)**	Bloodvesselsofgut **TL method** – **Interactivelecture** **AN47.9 Describe &identify the origin,course, importantrelations and branchesof Abdominal aorta, Coeliactrunk, Superiormesenteric,Inferior mesenteric& Common iliac arteryDr D MKapadia**	Physiology- **PY8.2- Describe thesynthesis, secretion, transport,physiological actions, regulationand effect of altered (hypo andhyper) secretion of pituitary gland,thyroid gland, parathyroid gland,adrenal gland, pancreas andhypothalamus.** (Hypothalamus & pituitary gland) **(TLmethod – Interactive lecture withSDL)**	Ureter**TLmethod**– **Interactivelecture** AN52.2Describe &identify themicroanatomicalfeature s of: Urinarysystem: Kidney, Ureter&Urinarybladder Dr N R Bhojak	Physiology-**PY8.2-Describethe synthesis, secretion,transport, physiologicalactions,regula tionandeffect of altered (hypo andhyper) secretion of pituitarygland, thyroid gland,parathyroid gland, adrenalgland, pancreas andhypothalamus.(**Growthh ormone) **(TL method – Interactivelecture** Hospitalvisit (Topic-Growthhormone)	Histology Practical Revision

Feb2024	05.02.24	06.02.24	07.02.24	08.02.24	09.02.24	10.02.24
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology -**PY8.2-Describe thesynthesis, secretion, transport,physiological actions, regulationand effect of altered (hypo andhyper) secretion of pituitarygland,thyroidgland,parathyroidgland, adrenalgland, pancreas andhypothalamus.** (Thyroid gland)**(TLmethod– Interactivelecture)**	Posterior abdominal wall &IVC &cisternachyle **TL method** – **Interactivelecture** **AN45.1 DescribeThoracolumbar fasciaAN45.2 Describe &demonstrate Lumbarplexus for its root value,formation& Branches AN45.3Mentionthemajor subgroups of backmuscles, nerve supplyandaction AN47.12 Describeimportant nerve plexusesof posterior abdominalwall Dr J P Patel**	**Biochemistry – BI7.2-Describe the processesinvolved in replication &repair of DNA and thetranscription & translationmechanisms.1(TL method – Interactivelecture)**	UrinaryBladder **TL method** – **Interactivelecture** **AN48.2 Describe &demonstrate the(position,features,important peritonealand other relations, bloodsupply, nerve supply,lymphatic drainage andclinical aspects of) importantmale & female pelvicviscera Dr B NPatel**	**Biochemistry – BI7.2- Describe theprocesses involved in replication &repair ofDNAandthe transcription & translationmechanisms.2(TL method –Interactivelecture)**	Embryology **TLmethod**– **Interactivelecture** **AN52.6 Describethe developmentandcongenitalanomalies of:Foregut, Midgut &Hindgut AN25.3 Describefetalcirculationandchangesoccurring at birthDr.K.P.Shah**
10-11	Physiology- **PY8.2-Describe thesynthesis, secretion, transport,physiological actions, regulationand effect of altered (hypo andhyper) secretion of pituitarygland,thyroidgland,parathyroidgland, adrenalgland, pancreas andhypothalamus.** (Thyroid gland)**(TLmethod– Interactivelecture)**	Rectum**TLmethod**– **Interactivelecture** **AN48.2 Describe &demonstrate the(position,features,importantperitonealandother relations, bloodsupply, nerve supply,lymphatic drainage andclinical aspects of) importantmale & female pelvicviscera AN48.8Mentionthestructures palpableduring rectal examinationDr D MKapadia**	Physiology - **PY8.2-Describethe synthesis, secretion,transport, physiologicalactions, regulation and effectof altered (hypo and hyper)secretion of pituitary gland,thyroid gland, parathyroidgland, adrenal gland,pancreas and hypothalamus.(TL method – Interactivelecture)(**Pancreas & itshormones)	Maleurethra **TL method** – **InteractivelectureAN48.2 Describe&demonstrate the(position,features,important peritonealand other relations, bloodsupply, nerve supply,lymphatic drainage andclinical aspects of) importantmale & female pelvicviscera Dr D MKapadia**	Physiology - **PY8.2- Describe thesynthesis, secretion, transport,physiological actions, regulation andeffect of altered (hypo and hyper)secretion of pituitary gland, thyroidgland, parathyroid gland, adrenalgland, pancreas and hypothalamus.(TL method – Interactivelecture)(**Parathyroid gland regulation ofblood Ca level)	Histology lectureUrinary Syatem**AN52.2 Describe& identify themicroanatomicalfeatures of:Urinary system:Kidney, Ureter &Urinary bladderDr.S.D.Shah**

11-12	**Biochemistry – BI7.1- Describethe structure and functions ofDNA and RNA and outline thecell cycle.2(TL method – Interactivelectu re)**	AnalcanalTLmethod– Interactivelecture **AN48.2 Describe &demonstrate the(position,features,importa ntperitonealandother relations, bloodsupply, nerve supply,lymphatic drainage andclinical aspects of) importantmale & female pelvicviscera Dr D MKapadia**	Physiology - **PY8.2-Describethe synthesis, secretion,transport, physiologicalactions, regulation and effectof altered (hypo and hyper)secretion of pituitary gland,thyroid gland, parathyroidgland, adrenal gland,pancreas and hypothalamus.(TL method – Interactivelecture)(**Insulin&glu cagon)	Uterus-Gross **TL method –Interactivelecture** **AN48.2 Describe &demonstrate the(position,features,import ant peritonealand other relations, bloodsupply, nerve supply,lymphatic drainage andclinical aspects of) importantmale & female pelvicviscera AN48.8 Mention thestructures palpableduringvaginal Dr B NPatel**	Physiology - **PY8.2- Describe thesynthesis, secretion, transport,physiological actions, regulation andeffect of altered (hypo and hyper)secretion of pituitary gland, thyroidgland, parathyroid gland, adrenalgland, pancreas and hypothalamus.(TL method – Interactivelecture)(**Adrenalgland)	Histology practicalUrinary Syatem**AN52.2 Describe& identify themicroanatomi calfeatures of:Urinary system:Kidney,U reter&Urinary bladderAllFacuti es**
12-1	Physiology - **PY8.2- Describe thesynthesis, secretion, transport,physiol ogical actions, regulationand effect of altered (hypo andhyper) secretion of pituitarygland,th yroidgland,parat hyroidgland,adre nalgland, pancreas andhypothalamu s.(TL method – Interactivelectur ewithSDL)**(Topic-Disordersofthyroid)	DemoKidne y **AN47.5 Describe &demonstrate majorviscera of abdomenunder followingheadings (anatomicalposition, external andinternalfeatures,import ant peritoneal and otherrelations, blood supply,nerve supply, lymphaticdrainageandapplie daspects) AN47.6 Explain theanatomical basis ofRadiating pain of kidneytogroin** AllDemonstrators	Physiology-**PY8.2-Describethe synthesis, secretion,transport, physiologicalactions, regulation and effectof altered (hypo and hyper)secretion of pituitary gland,thyroid gland, parathyroidgland, adrenal gland,pancreas and hypothalamus.(TL method – InteractivelecturewithSDL)** (Disordersofpancreas)	Demo Urinary Bladder**AN48.2 Describe &demonstrate the(position,features,import ant peritonealand other relations, bloodsupply, nerve supply,lymphatic drainage andclinical aspects of) importantmale&femalepelvicvisc era AN48.5 Explain theanatomical basis ofsuprapubiccystostomy, Urinaryobstruction in benign prostatichypertrophy AN48.6 Describe theneurological basis ofAutomatic bladderAllDemonstrators**	**Biochemistry – BI7.2- Describe theprocesses involved in replication &repair ofDNAandthe transcription & translationmechanisms.3(T L method – Interactivelecture)**	
1-2	R E C E SS					

2-3	Tutorial	Dissection Small & Large intestineAN47.5 Describe &demonstratemajorviscera of abdomen underfollowing headings (anatomicalposition, external andinternal features,important peritonealandotherrelatio ns, blood supply,nerve supply, lymphaticdrainage and appliedaspects) All Faculties	Tutorial	DissectionUrinaryBladde r AN48.2 Describe &demonstrate the(position, features,important peritoneal andother relations,bloodsupply, nerve supply,lymphatic drainage andclinical aspects of) importantmale & female pelvicviscera AN48.5 Explain theanatomical basis ofsuprapubiccystostomy, Urinary obstructionin benign prostatichypertrophy AN48.6 Describe theneurological basis ofAutomaticbladder **All Facuties**	Tutorial	
3-5	P-reticulocyt e count P-cardiac efficiency B-Quantitativ e Estimation ofCholester ol		P-Reticulocyte countP-cardiac.efficiency B-Quantitative Estimationofcholesterol		P-Reticulocyte countP-cardiac.efficiency B-Quantitative Estimation ofCholesterol	

Feb 2024	**12.02.24**	**13.02.24**	**14.02.24**	**15.02.24**	**16.02.24**	**17.02.24**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology - **PY8.2-Describethe synthesis, secretion,transport, physiologicalactions, regulation and effectof altered (hypo and hyper)secretion of pituitary gland,thyroid gland, parathyroidgland ,adrenalgland,pancreasandhypothalamus.(TLmethod – Interactivelecture)** (Mineralocorticoids)	SupportofUterus **TLmethod–Interactive lecture** **AN48.2 Describe & demonstratethe (position, features, importantperitonealand other relations, blood supply,nerve supply, lymphatic drainageandclinical aspects of) important male &femalepelvicviscera** **DrK PShah**	**Biochemistry – BI7.2-Describe theprocesses involved in replication &repair ofDNAandthe transcription & translationmechanisms.5(TL method – Interactivelecture)**	Prostate **TL method –Interactivelecture** **AN48.2 Describe &demonstratethe (position,features,importantperitonealand otherrelations,blood supply,nerve supply,lymphaticdrainage andclinicalaspects of)importantmale & femalepelvic visceraAN48.7 Mention thelobesinvolved inbenignprostatichypertrophy & prostaticCancerAN48.5 Explaintheanatomicalbasis ofUrinary obstructionin** **Dr. J P Patel**	BiochemistrySDL Replication	Embryology **TLmethod–Interactivelecture** **AN52.7 Describe thedevelopment ofUrinarysystem** **Dr. K.P.Shah**

10-11	Physiology - **PY8.2- Describethe synthesis, secretion,transport, physiologicalactions,regulation andeffect**	Fallopiantube **TLmethod–Interactive lecture** **AN48.2Describe&demonstrate**	Physiology SDL ReproductivePhysiology	Perineun-I**TL method – Interactivelecture** **AN49.1 Describe &demonstratethe superficial& deepperinealpouch(boundaries and contents)AN49.2 Describe&identify Perineal bodyDr J PPate**	BiochemistrySDL Replication	Histology lectureMale ReproductiveSystem **AN52.2Describe&**

	of altered (hypo and hyper)secretion of pituitary gland,thyroid gland, parathyroidgland ,adrenalgland,pancreasandhypothalamus.(TLmethod – Interactivelecture)(Glucocorticoids)	**the (position, features, importantperitonealand other relations, blood supply,nerve supply, lymphatic drainageandclinical aspects of) important male &femalepelvicviscera Dr B NPatel**				**identify themicroanatomicalfeatures of: Male ReproductiveSystem: Testis,Epididymis,Vasdeferens, Prostate &Penis Dr.S.D.Shah**
11-12	**Biochemistry – BI7.2- Describethe processes involved inreplication&repairofDNAandthe transcription & translationmechanisms.4(TL method – Interactivelecture)**	Dissec tionUterus AN48.2 Describe & demonstrate the(position,features,importantperitonealand other relations, blood supply, nervesupply, lymphatic drainage andclinical aspects of) important male & femalepelvicviscera AN48.8 Mention the structurespalpable duringvaginal **All Facuties**	Physiology **-PY8.3- Describe thephysiology of Thymus & Pineal Gland.(TL method – Interactive lecture withSDL)** Thymus&Pineal gland	Perineum-II **TL method –Interactivelecture** **AN49.3 Describe&demonstratePerineal membrane inmale & femaleAN49.5 Explaintheanatomicalbasis ofPerineal tear,Episiotomy,Perianalabscessand** **Anal fissureDr J PPatel**		Histology practicalMale ReproductiveSystem **AN52.2 Describe&identify themicroanatomicalfeatures of: Male ReproductiveSystem: Testis,Epididymis,Vasdeferens, Prostate &Penis All Facuties**
12-1	Physiology - **PY8.2- Describethe synthesis, secretion,transport, physiologicalactions, regulation and effectof altered (hypo and hyper)secretion of pituitary gland,thyroid gland, parathyroidgland**		Physiology- **PY8.5- Describe themetabolicandendocrinec onsequences of obesity & metabolicsyndrome, Stress response. Outlinethe psychiatry component pertainingto metabolic syndrome.(TL method – Interactivelecture)**			

	,adrenalgland,pancreasandhypothalamus.(TLmethod – Interactive lecture)(Adrenalmedulla)					

				DemoSurfacemarking AN55.1Studentshould be abletoDemonstratethe surfacemarking of;Regions andplanes ofabdomen,Superficialinguinal ring,Deep inguinalring ,McBurney'spoint, RenalAngle &Murphy's pointAN55.2Studentshould be abletoDemonstratethe surfaceprojections of:Stomach,Liver, Fundusof gall bladder,Spleen,Duodenum,Pancrea s,Ileocaecaljunction,Kidneys All Demonstrators		
1-2	R EC E SS					
2-3	SDL– Physio&Biochem	De mo Ut er us **AN48.2 Describe & demonstratethe (position, features, importantperitonealand other relations, blood supply,nerve supply, lymphatic drainageandclinical aspects of) important male &femalepelvicviscera** AllDemonstrators	SDL–Physio&Biochem	DissectionPerineumAN49.1Des cribe & demonstrate thesuperficial & deepperinealpouch(boundaries andcontents) AN49.2 Describe&identify Perinealbody All FacutiesSDLPerineum		
3-5	P- Reticu locyte count P-	DissectionPerineum	P-Platelets. P- Sensory systemB -	DissectionSagitalSectionOfPelvis AN49.1 Describe &demonstratethe superficial& deep perinealpouch		

	cardia c.effici ency B- Quantitativ e Estimation ofcholester ol		Estimati onTrigly cerides	(boundariesandcontents)AN49. 2 Describe&identifyPerinealbody AllFacut ies		

Feb 2024	**19.02.24**	**20.02.24**	**21.02.24**	**22.02.24**	**23.02.24**	**24.02.24**
	Monday	Tuesday	Wed	Thu	Fri	Sat
9-10	Physiologylecture (Integration withOBG)-**PY9.1-Describeand discuss sexdeterminatio n; sexdifferentiatio n and theirabnormities and outlinepsychiatr y and practicalimplicat ion of sexdeterminatio n. (TLmethod – Interactivelectur e)**	Caecum &Appendix **TL method – Interactivelecture** **AN47.5 Describe&demonstratemajor visceraof abdomenunderfollowingheadi ngs(anatomicalposition,exter nalandinternalfeatures,import antperitoneal andotherrelations,blood supply,nerve supply,lymphaticdrainage andappliedaspects) Dr K.P.Shah**	**Biochemistry – BI8.1-Discuss the importance ofvarious dietarycomponents and explainimportance of dietaryfibre.1(TL method – Interactivelecture)**	Internal iliac Artery**TL method – Interactivelecture** **AN48.3 Describe& demonstratetheorigin,course, importantrelations andbranches ofinternaliliacartery Dr J PPatel**	**Biochemistry – BI8.1-Discuss the importanceof various dietarycomponents andexplain importance of dietaryfibre.2(TL method –Interactivelecture)**	Embryology **TLmethod – Interactive lecture** **AN52.8 Describ e the develop ment of male & femalere producti vesyste m Dr. K.P.Shah**

10-11	Physiology lecture - (integration with paedia) -**PY9.2 - Describe anddiscuss puberty: onset,progression,stages;early and delayedpuberty and outlineadolescent clinical andpsychologicalassociation(TL method – Interactivelecture)**	Ischio-rectalfossa **TL method** – **Interactivelecture** **AN49.4 Describe&demonstrateboundaries,content&appliedanatomy ofIschiorectalfossa** DrBNPatel	Physiology- **PY9.4- Describefemale reproductivesystem: (a) functions ofovary and its control; (b)menstrualcycle-hormonal, uterine andovarianchanges.(TLmethod – Interactivelecture)(**Femalereproductivesystem&hormones)	Pelvic Diaphragm**TL method** – **Interactivelecture** **AN48.1 Describe& identify themuscles ofPelvicdiaphragmAN48.4 Describethe branches ofsacralplexus Dr N R Bhojak**	Physiology lecture-Adrenal Function tests ,Integrated teaching withbiochemistry	Histologylecture FemaleReproductiveSystem **AN52.2 Describe & identify the microanatomical features of:FemaleReproductive System Dr.S.D.Shah**
11-12	**Biochemistry – BI7.3-Describe genemutations and basicmechanism ofregulation of geneexpression .(TLmethod – Interactivelecture)**	DissectionCaecum&Appendix **AN47.5 Describe &demonstratemajor visceraof abdomenunderfollowingheadings(anatomicalposition,externalandinternalfeatures,importantperitoneal andotherrelations,**	PhysiologyLecture(IntegrationwithOBG - **PY9.4- Describe femalereproductive system: (a)functions of ovary and itscontrol;(b)menstrualcycle - hormonal, uterine andovarianchanges.(TLmethod – Interactivelecture)(**Menstrualcycle)	Dissection Internal iliac Artery**AN48.3 Describe&demonstratetheorigin,course, importantrelations andbranches ofinternaliliacartery** AllFacuties	Physiology-**PY9.5 -Describe and discussthe physiologicaleffects ofsexhormones.(TLmethod – Interactivelecture)(**Localhormones)	Histologypractical FemaleReproductiveSystem **AN52.2 Describe & identify the microanatomical features of:FemaleReproductive System** All Facuties

		blood supply,nerve supply,lymphaticdrainage andappliedaspects) AllFacuties				
12-1	Physiology- **PY9.3-Describe malereproductive system:functions of testis andcontrol ofspermatogenesis &factors modifying it andoutline its associationwith psychiatric illness.(TL method – Interactivelecture)**		Physiology--**PY9.4-Describe femalereproductive system: (a)functions of ovary and itscontrol;(b)menstrualcycle - hormonal, uterine andovarianchanges.(TLmethod – Interactivelecture)** (Ovulation &pregnancy)	Dissection Internal iliac Artery**AN48.3 Describe&demonstratetheorigin,course, importantrelations andbranches ofinternaliliacartery** AllFacuties	**Biochemistry – BI8.2-Describe the types andcauses of proteinenergy malnutrition anditseffects.1(TL method –Interactivelecture)**	

1-2	R E C E S S					
2-3	Tutorial	DemoRadiology ofabdomenAN54.1Studentsho uld be ableto Describe &identifyfeaturesofplain X rayabdomenAN54.2Studentsh ould be abletoidentifyanddescribe thespecialradiographsof abdominopelvicregion AN54.3Student should be ableto DescriberoleofERCP,CT abdomen,MRI, Arteriographyinradiodiagnosisofa bdomen AllDemonstrators	Tutorial	DissectionPelvis AN49.3Describe&demonstrate Perinealmembrane in male & femaleAN49.5 Explain theanatomical basis ofPerinealtear,Episiotomy, Perianalabscess and Anal fissureAN49.4 Describe&demonstrate boundaries,content&appliedanatom yof Ischiorectalfossa Allfaculties	Tutorial	
3-5	P-Platelets. P-Sensory systemB-Estimatio nTriglyceri des	DissectionSagitalSectionOfPel visAN49.1 Describe &demonstratethe superficial& deep perinealpouch	P-Platelets. P-Sensory systemB-EstimationTriglycerides	DissectionPelvis AN49.3Describe&demonstrate Perinealmembrane in male & femaleAN49.5 Explain theanatomical basis ofPerinealtear,Episiotomy, Perianalabscess and Anal fissureAN49.4 Describe&demonstrate boundaries,content&appliedanatom yof Ischiorectalfossa	P-Platelets. P-Sensory systemB-EstimationTriglycerides	

				Allfaculties		

		(boundariesandcontents)AN 49.2 Describe&identifyPerinealbody AllFacuties				

feb2024	**26.02.24**	**27.02.24**	**28.02.24**	**29.02.24**	**01.03.24**	**02.03.24**
Time	**Monday**	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiologylectureintegratedwith OBG- **PY9.12-Discuss thecommoncausesof infertilityina couple and role of IVF inmanaging a case ofinfertility.(TLmethod–Interactivelecture)**	**Revision**	Biochemistry AETCOM Module – 1.4(Hour :-1)	**Revision**	Biochemistry AETCOM Module – 1.4(Hour :-1)	Embryology **AN52.8 DescTLmethod–Interactivelecture ribe the development ofmale & female reproductivesystem Dr. K.P.Shah**
10-11	Physiology- **PY10.1-Describeand discuss the organizationof nervous system. (TLmethod–Interactivelecture)**	**Revision**	Physiology - **PY10.2-Describeand discuss the functions andproperties of synapse, reflex,receptors. (TL method –Interactive lecture)**(Synapse,classification&properties)		Biochemistry AETCOM Module – 1.4(Hour :-1)	Histol ogyLe cture Endoc rinesy stem **AN43.2 Identify, describeand draw the microanatomyof pituitary gland, thyroid,parathyroid gland,Dr.S.D.Shah**
11-12	Biochemistry AETCOM Module – 1.4(Hou	**Revision**	Physiology-**PY10.2-Describeand discuss the functions andproperties of synapse, reflex,receptors.(TLmethod–**	**Revision**	Physiology - **PY10.3-Describe and discusssomatic sensations &sensorytracts.**	Histolo gy Practic alEndo crinesy stem

	r :-1)					**AN43.2 Identify, describeanddra wthemicroanato my**

			Interactive lecture)(Reflex,classification , properties&functions)		**(TL method – Interactivelecture)** Sensorytracts	**of pituitary gland, thyroid,parathy roidgland,** AllFacuties
12-1	Physiology-**PY10.2-Describeand discuss the functions andproperties of synapse, reflex,receptors.**(Receptors - classification&properties)**(TLmethod–Interactivelecture)**	**Revision**	Physiology - **PY10.3-Describeand discuss somaticsensations & sensory tracts.(TL method – Interactivelecture)**		Physiology-**PY10.4-Describe and discussmotor tracts, mechanismof maintenance of tone,control of bodymovements, posture andequilibrium & vestibularapparatus.(TLmethod–Interactivelecture)**(Motortracts-pyramidal tracts)	
1-2	R E C E S S					
2-3	Tutorial	**Revision**	Tutorial	**Revision**	Tutorial	
3-5	P-Platelets. P-Sensorysystem B-Estimation of HDL &interpretationofLipidprofile reports		P-CN-1,3,4,6 P-MOTORsystem B-Estimation of HDL &interpretationofLipidprofile reports		P-CN-1,3,4,6 P-MOTORsystem B-Estimation of HDL &interpretationofLipidprofile reports	

	iglyc erid es					

March2024	04.03.24	05.03.24	06.03.24	07.03.24	08.03.24	09.03.24
Time	**Monday**	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology - **PY10.4-Describeanddiscussmotor tracts, mechanism ofmaintenance of tone,controlofbodymovements, posture andequilibrium&vestibular apparatus.(TLmethod– Interactive lecture)**(Extrapyramidaltracts)	LacrimalApparatus**TL method– Interactivelecture** **AN31.4 Enumeratecomponents oflacrimalapparatus Dr.J PPatel**	Biochemistry - SDLAETCOMModule–1.4 (Hour :-1)	**Head&Neck** Scalp **TL method –Interactivelecture** **AN27.1 Describe thelayers of scalp, its bloodsupply, its nerve supplyand surgical importanceAN27.2 Describe emissaryveinswithits roleinspread of infection fromextracranialroute tointracranial venoussinuses Dr J PPatel**	Biochemistry AETCOM Module – 1.4(Hour :-1)	EmbryologyTLmethod– **Interactivelecture** **AN64.2 Describe thedevelopment of neural tube,spinal cord, medulla oblongata,pons, midbrain,cerebralhemisphere& cerebellum Dr. K.P.Shah**
10-11	Physiology-**PY10.4-Describeanddiscussmotor tracts, mechanism ofmaintenance of tone,controlofbodymovements, posture andequilibrium&vestibular apparatus.(TLmethod– Interactivelecture)** (Tone, posture,equilibrium)	Dura Matter &Dural VenousSinuses**TL method– Interactivelecture** **AN30.3 Describe& identify duralfolds &duralvenous sinusesAN30.4 Describeclinicalimportance ofdural venoussinuses** Dr.NRBhojak	Physiology-**PY10.5-Describe and discussstructure and functionsof reticular activatingsystem,autonomicnervoussystem(ANS). (TL method – Interactivelecture)** (Autonomicnervous system)	Face **TL method –Interactivelecture** **AN28.1 Describe &demonstrate muscles offacialexpressionandtheirnerve Supply AN28.2 Describe sensoryinnervation of faceAN28.3 Describe &demonstrateorigin /formation,course,branches /tributaries offacialvessels** Dr.BNPatel	Biochemistry AETCOM Module – 1.4(Hour :-1)	**Brain TLmethod– Interactive lecture** Introductionofbrain **Dr. J.P.Patel**

11-12	Biochemistry-SDLAETCOMModule–1.4 (Hour :-1)	Cavernous sinusPitutary Gland**TLmethod–Interactivelecture**	Physiology - **PY10.5-Describe and discussstructure and functionsof reticular activatingsystem,autonomic nervoussystem(ANS).**	Face **TL method –Interactivelecture** **AN28.4Describe&**	Physiology lect-integrated withOBG-**PY9.6- Enumerate thecontraceptive methods for maleandfemale.Discusstheiradvantages &**	Dissection Introduction of brain**AllFaculties**

		AN30.3 Describe& identify duralfolds &duralvenous sinuses DrBN Patel	**(TL method – Interactivelecture)**(Reticularactivatingsystem)	**demonstrate branches offacial nerve withdistribution AN28.5 Describe cervicallymph nodes andlymphatic drainage ofhead,face and Neck AN28.6 Identify superficialmuscles of face, theirnerve supply and actionsAN28.7 Explain theanatomical basis of facialnerve palsy Dr D MKapadia**	**disadvantages.(TLmethod– Interactivelecture)**	
12-1	Physiology - **PY10.4- Describeanddiscussmotor tracts, mechanism ofmaintenance of tone,controlofbodymovements, posture andequilibrium&vestibular apparatus.(TLmethod– Interactivelecture)** (Controlof bodymovements)	Demo NormaOccipitalis **AN26.1 Demonstratea natomicalposition of skull,Identify andlocate individualskullbonesin skull** **AN26.2 Describethe features ofnormafrontalis,verticalis, occipitalis,lateralis andbasalis** **AllDemonstrators**	Physiology - **PY10.6-Describe and discussSpinalcord,itsfunctions,lesion&sensorydisturbances.** **(TL method – Interactivelecture)**	Demo Norma Verticalis**AN26.1 Demonstrateanatomicalpositionof skull, Identify and locateindividual skullbonesinskull** **AN26.2 Describe thefeatures ofnormafrontalis, verticalis,occipitalis,lateralis** **andbasalis** **AllDemonstrator**	Physiology -**PY9.7- Describe anddiscuss the effects of removalof gonads on physiologicalfunctions.&PY9.11- Discussthe hormonal changes and theireffectsduringperimenopause and menopause. (TL method – Interactive lecture with SDL)**(Topic-Effectsofremovalofgonads, Menopause)	
1-2	REC ES S					
2-3	Tutorial	Dissection Face AN28.1Describe &	Tutorial	DissectionScalp AN27.1Describe the layers		
3-5	P-CN-1,3,4,6 P-MOTORsystem		P-CN-1,3,4,6 P-MOTORsystem		P-CN-1,3,4,6 P-MOTORsystem	

	B-Estimation of HDL &interpretationofLipidprofile reports	demonstratemuscles of facialexpression andtheir nerve supplyfaceAN28.3Describe&demonstrateorigin/formation,course, branches/tributaries of facialvessels AN28.4 Describe &demonstratebranches of facialnerve withdistributionAN28.6Identifysuperficial musclesof face, their nervesupply andactionsA ALL FACULTIES	B-Estimation of HDL &interpretationofLipidprofile reports	of scalp, its blood supply, itsnerve supply and surgicalimportance **AllFaculties**	B-Estimation of HDL &interpretationofLipidprofile reports	

March 2024	**11.03.24**	**12.03.24**	**13.03.24**	**14.03.24**	**15.03.24**	**16.03.24**
Time	**Monday**	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology -**PY10.10-Describe anddiscuss chemicaltransmission in thenervous system.(Outline thepsychiatryelement).(TL method – Interactivelecture)** neurotransmitters	Spinal cord-I **TL method – Interactivelecture** **AN57.1 Identifyexternalfeatures ofspinalcordAN57.2 Describeextentof spinal cord inchild&adult with its clinicalimplication**	**Biochemistry –BI8.3-Providedietary advice foroptimalhealthin childhoodandadult, in diseaseconditions likediabetesmellitus,coronary arterydisease and inpregnancy.(TL method– Interactivelecture)**	Pons **TL method –Interactivelecture** **AN59.1 Identifyexternalfeatures ofpons AN59.2 Draw&labeltransversesectionof pons at theupperand**	Biochemistry –SDL BiochemicalaspectofDM	Embryology **TLmethod–Interactive lecture** **AN64.2Describeth edevelopmentofneuraltube,spinalcord,medullaoblongata, pons, midbrain, cerebral hemisphere & cerebellumDr.K. P.Shah**

		Dr.K.P.Shah		**lower levelAN59.3 Enumeratecranial nervenuclei in ponswiththeirfunctionalgroup Dr.D.M. Kapadia**		
10-11	Physiology-**PY10.9Describe anddiscuss thephysiological basis ofmemory,learningand speech.(TL method** – **Interactive lecture)**(Physiologyofmemory andLearning**)**	Spinal cord-II**TL method** – **Interactivelecture** **AN57.3 Draw &labeltransverse section ofspinalcordatmid-cervical&midthoracicLevel AN57.4 Enumerateascending&descendingtractsatmidthoracic levelof spinalCord AN57.5 Describeanatomicalbasis ofsyringomyelia Dr.K.P.Shah**	Physiology-**PY10.7-Describeand discussfunctions ofcerebralcortex,basalganglia,thalamus,hypothalamus,cerebellum andlimbic systemandtheirabnormalities.(TL method**– **Interactivelecture)**(Thalamus)	Midbrain **TL method** –**Interactivelecture** **AN61.1 Identifyexternal&internalfeatures ofmidbrainAN61.2 Describeinternalfeatures ofmidbrain at thelevelofsuperior &inferiorColliculusAN61.3 Describeanatomicalbasis&effects of Benedikt'sandWeber'ssyndrome Dr. N. R.Bhojak**	Physiology-**PY10.6-Describeand discussSpinalcord,itsfunctions, lesion& sensorydisturbances.(TL method**– **Interactivelecture)** (Topic-Spinal cord-lesion,sensorydisturbances)	**AN64.1 Describe & identify the microanatomical features of Spinal cord,Cerebellum& Cerebrum Dr.S.D.Shah**
11-12	**Biochemistry** –**BI8.2-Describe thetypes and causes ofproteinenergy**	Medulla **TL method** – **Interactivelecture**	Physiology-**PY10.7-Describeand discussfunctionsof cerebralcortex,**	CerebellumTL **method** – **Interactivelecture**		**AN64.1 Describe & identify the microanatomical features of Spinal cord,Cerebellum& Cerebrum**

	malnutrition anditseffects.2(TLmethod –Interactive lecture)	**AN58.1 Identifyexternalfeatures ofmedullaoblongataAN58.2 Describetransversesection ofmedullaoblongata atthe level of 1)pyramidaldecussation, 2) sensorydecussation 3)ION AN58.3 Enumeratecranialnervenucleiinmedullaoblongata withtheir functionalGroup AN58.4 Describeanatomicalbasis & effectsof medial &lateralmedullary Syndrome Dr. B.N. Patel**	**basalganglia,thalamus,hypothalamus,cerebellum andlimbic systemandtheirabnormalities.(TL method–Interactivelecture)**(Hypothalamus)	**AN60.1 Describe &demonstrateexternal&internalfeatures ofcerebellumAN60.2 Describeconnections ofcerebellarcortex andintracerebellarnuclei AN60.3 Describeanatomicalbasis ofcerebellardysfunctionDr.S.D.Shah**		**AllFaculties**
12-1	Physiology-**PY10.3-Describe and discusssomatic sensations &sensory tracts.**(Physiology ofpain) **(TLmethod–Interactive lecturewithSDL**	Demo Interiorofskull-I **AN26.3 Describecranialcavity,itssubdivisions,foramina andstructurespassing**	Physiology-**PY10.7-Describeand discussfunctions ofcerebralcortex,basalganglia,thalamus,hypothalamus,cerebellumand limbicsystem**	Demo Interior of skull-II **AN26.3 Describecranial cavity,itssubdivisions, foramina andstructures**	**Biochemistry –BI8.4-Describethe causes(including dietary habits),effects andhealth risksassociated withbeing**	

		throughthem **AllDemonstrator**	**andtheirabnormalities.(TL method– Interactivelecture)**(Limbi csystem}	**passingthroughthem** **AllDemonstrator**	**Overweight/obesity.(TLm ethod– Interactivelecture)**	
1-2	**RECE SS**					
2-3	Tutorial	DissectionSpinal cord &medullaSpinal cord &medulla AN57.1 Identifyexternalfeat ures ofspinalcordAN58. 1 Identifyexternalfeat ures ofmedulla **oblongata** **AllFaculties**	Tutorial	Dissection**Pons & midbrainAN59.1 Identifyexternalfeatures ofponsAN61.1 Identifyexternal&internalfeatur es ofmidbrain** **AllFaculties**	Tutorial	
3-5	P-Cr.N.-5,7,9,10, 11,12 P-MOTORsystem B-EstimationofUrea		P-Cr.N.-5,7,9,10, 11,12 P-MOTOR systemB-Estimation ofUrea		P-Cr.N.-5,7,9,10, 11,12 P-MOTOR systemB-Estimation ofUrea	

March2024	**18.03.24**	**19.03.24**	**20.03.24**	**21.03.24**	**22.03.24**	**23.03.24**
Time	**Monday**	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology-**PY10.8- Describe anddiscuss behavioural and EEGcharacteristics during sleep andmechanismresponsible forits** **production.(TL method – Interactive lecture)**(Physiology ofsleep}		**Biochemistry – BI7.4- Describeapplications of molecular technologieslikerecombinantDNAtechnol ogy,PCRinthediagnosisandtreatmentofdi seases** **withgeneticbasis.-1(TLmethod– Interactivelecture)**	Fourthventricle **TLmethod– Interactivelecture** **AN63.1 Describe &demonstrate parts,boundaries &features of IIIrd,IVth& lateralVentricle AN63.2 Describeanatomica lbasisof**		

				congenitalhydrocephalus Dr. B.N.Patel		
10-11	Physiology - **PY10.8- Describe anddiscuss behavioural and EEGcharacteristics during sleep andmechanismresponsible forits production.(TL method – Interactivelecture)**(EEG)		Physiology-**PY10.9- Describeanddiscussthe physiological basis of memory,learningandspeech.(TLmethod – Interactivelecturewith SDL)** (Higherfunctions)	Thalamus **TLmethod– Interactivelecture** **AN62.5 Describeboundaries, parts,gross relations,major nuclei andconnections of dorsal thalamus,hypothalamus,epithalamus, metathalamus andsubthalamus Dr.N.R.Bhojak**		
11-12	**Biochemistry – BI8.5- Summarizethe nutritional importance ofcommonly used items of foodincludingfruitsand Vegetables.(macro-molecules & itsimportance)(TLmethod– Interactivelecture)**		SDL Cerebralcirculation	BasalGanglia **TLmethod– Interactivelecture** **AN62.4 Enumerateparts & majorconnections of basalganglia & limbic lobeDr.D.M.Kapadia**		
12-1	Physiology- **PY10.9 -Describe anddiscuss the physiological basis ofmemory, learning andspeech.(TL method–Interactivelecture)** (Physiologyofspeech)		Physiology, SDLNeuroPhysiology	Demo Fourth ventricle**AN63.1 Describe &demonstrate parts,boundaries &features of IIIrd,IVth& lateralVentricle AllFaculties**		
1-2	R E C E S S					
2-3	Tutorial		Tutorial	DissectionDiencephalon**AN63.1 Describe &demonstrate parts,boundaries& features of IIIrd,IVth&latera**		

				I		

				VentricleAN62.5 Describe boundaries, parts,gross relations,major nuclei andconnections of dorsal thalamus,hypothal amus,epithalamus, AllDemonstrato		
3-5	P-Cr.N.-5,7,9,10, 11,12 P-MOTORsystem B-EstimationofUrea		P-Cr.N.-5,7,9,10, 11,12 P-MOTORsystem B-EstimationofUrea			

March 2024	**25.03.24**	**26.03.24,**2nd internal	**27.03.24**2nd internal	**28.03.24,**2nd internal	**29.03.24,**2nd internal	**30.03.24,**2nd internal
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**

Jun2023	**19.6.23,**2nd internal	**20.6.23,** 2nd internalHOLIDAY	**21.6.23,**2nd internal	**22.6.23,**2nd internal	**23.6.23,**2nd internal	**24.6.23,**2nd internal
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**

April 2024	**31.03.24**2nd internal	**01.04.24.,** 2nd internal	**02.04.24.,,**2nd internal	**03.04.24.,**	**04.04.24.,**	**05.04.24.,**
	Monday	Tue	Wed	Thu	Fri	Sat
9-10					**Biochemistry – BI7.4- Describe applications ofmolecular technologies like recombinant DNAtechnology,PCRint hediagnosisandtreatme nt ofdiseases withgeneticbasis.- 2(TLmethod–**	Embryology **TL method –** **Interactivelecture** **AN64.3 Describe varioustypes of open neuraltubedefectswithits embryologicalbasis**

					Interactivelecture)	

						Dr.K.P.Shah
10-11					Physiology - **PY10.7- Describe and discussfunctionso fcerebral cortex,basalgangli a,thalamus, hypothalamus, cerebellum andlimbicsystema ndtheirabnormaliti es.(TL method– Interactivelecture)** (Basalganglia-functions)	Cerebrum & functionalareas **TL method** – **Interactivelecture** **AN62.1 Enumeratecranial nerve nuclei withitsfunctionalcomponent AN62.2 Describe &demonstrate surfaces,sulci, gyri, poles, &functionalareasofcerebral hemisphereAN62.3 Describe thewhite matter ofcerebrum** **Dr. J.P.Patel**
11-12					Physiology - **PY10.7- Describe and discussfunctionso fcerebral cortex,basalgangli a,thalamus,hypoth alamus,cerebellum and limbicsystemandtheirabn ormalities.(TL method– Interactivelecture)** (Lesionsofbasal ganglia-pathophysiology)	DissectionCere brum **AN62.2 Describe &demonstrate surfaces,sulci, gyri, poles, &functionalareasofcerebralh emisphereAN62.6 Describe &identify formation,branches&majorar easofdistributionof circle ofWillis** **AllFaculties**

12-1					**Biochemistry – BI7.4- Describe applications ofmoleculartechnologiesl ikerecombinantDNA technology,PCRinthedia gnosis andtreatment ofdiseases withgeneticbasis.- 3(TLmethod– Interactivelecture)**	
1-2	E C E S S					
2-3					Tutorial	

3-5pm					P-Cr.N-8 P-Reflexes B-EstimationofCreatinine&CCr	

April 2024	**08.04.24.,**	**09.04.24.,**	**10.04.24.,**	**11.04.24.,**	**12.04.24.,**	**13.04.24.,**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology-**PY10.7-Describeand discussfunctions ofcerebralcortex,basalganglia,thalamus,hypothalamus,cerebellum andlimbicsystemandtheirabnormalities.(TL method– Interactivelecture)** (Cerebral cortex-function)	Third ventricle**TL method – Interactivelecture** **AN63.1 Describe &demonstrateparts, boundaries &features ofIIIrd, IVth&lateralVentricleDr.S.D.Shah**	**Biochemistry–BI7.6-Describe theanti-oxidantdefencesystemsinthebody.-1(TL method– Interactivelecture)**	Head and neckPosteriorTriangle ofNeck1 **TLmethod – Interactivelecture** **AN29.1 Describe &demonstrateattachments, nervesupply, relationsand actions ofsternocleidomastoid** **AN29.4 Describe &demonstrateattachments of 1)inferior belly ofomohyoid,2)scalenus anterior,** **3) scalenusmedius&** **4) levator scapulaeDr D MKapadia**	**Biochemistry – BI7.6-Describe the anti-oxidant defencesystems inthebody.-2** **(TL method – Interactivelecture)**	Embryology **TLmethod –Interactive lecture** **AN43.4 Describe the development and developmental basis of congenitalanomalies of face, palate, tongue, branchial apparatus, pituitarygland,thyroidgland& eye** **DrK PShah**
10-11	Physiology-**PY10.7-Describeand discussfunctions ofcerebralcortex,basalganglia,thalamus,hypothalamus,cerebellum andlimbicsystem andtheir**	Lateral ventricle**TL method – Interactivelecture** **AN63.1 Describe &demonstrateparts, boundaries&**	Physiology-**PY10.17-Describe anddiscussfunctionalanatomy of eye,physiology ofimage formation,physiologyof vision includingcolourvision,**	Head and neckPosteriorTriangle ofNeck2 **TLmethod – Interactivelecture** **AN29.2 Explainanatomical basis ofErb′s&Klumpke′s palsy**	Physiology-**PY10.7-Describe and discussfunctions of cerebralcortex, basal ganglia,thalamus,hypothalamus,cerebellum and limbicsystemandtheirabnormalities.(TL method–Interactive**	**TLmethod –Interactive lecture** AN33.5Describethefeaturesofdislocationof temporomandibularjointDr.KPShah

	abnormalities.(TLmeth od– Interactivelecture)(C erebral cortexfunction)	**features ofIIIrd,IVth&lateral VentricleDr.N. R.Bhojak**	**refractive errors,colour blindness,physiology ofpupilandlightreflex.(TL method– Interactivelecture)**(Struct ureof eyeball,aqueous humor&accommodation)	**AN29.3 Explainanatomical basis ofwry neck Dr D MKapadia**	**lecture)** (Cerebellum)	
11-12	**Biochemistry–BI7.5-Describe therole of xenobioticsindisease (TL method– Interactivelecture)**	Bloodsupplyofbrain **TL method – Interactivelecture** **AN62.6 Describe &identifyformation,br anches &major areas ofdistribution ofcircle of WillisDr.J.P.Patel**	Physiology-**PY10.17-Describe anddiscussfunctionalana tomy of eye,physiology ofimage formation,physiology ofvision includingcolour vision,refractive errors,colour blindness,physiology ofpupilandlightreflex.(TL method– Interactivelecture)** (Visionphysiology)	Deep Cervical Fascia**TL method – Interactivelecture** **AN35.1 Describe theparts,extent,attach ments,modifications ofdeepcervicalFascia DrK PShah**	Physiology-**PY10.7-Describe and discussfunctions of cerebralcortex, basal ganglia,thalamus,hypothalamus,cerebellum and limbicsystemandtheirabnormalities.(TL method – Interactivelecture)** (Disordersofcerebellum)	Dissection TMJ Joint AN33.3Describe& demonstratearticulatingsurface,t ype&movementsoftemporomand ibularjoint **AllFaculties**
12-1	Physiology-**PY10.7-Describeand discussfunctions ofcerebralcortex,basal ganglia,thalamus,hypo thalamus,cerebellum andlimbic systemandtheirabnorm alities.(TL method–**	Demo Thirdventricle **AN63.1 Describe &demonstrateparts, boundaries &features ofIIIrd, IVth&lateralVentricl e AllDemonstrator**	Physiology-**PY10.17-Describe anddiscussfunctionalana tomy of eye,physiology ofimage formation,physiology ofvision includingcolour vision,refractive errors,colourblindness,**	Demo Norma Lateralis**AN26.1 Demonstrateanatomica l positionof skull, Identify andlocate individualskullbonesin skull** **AN26.2 Describe thefeatures ofnormafrontalis,vertic alis,**	**Biochemistry – BI7.7-Describe the role ofoxidative stress in thepathogenesis ofconditions suchas cancer,complications ofdiabetes mellitus andatherosclerosis.(TL method – Interactivelecture)**	

	Interactivelecture) (Lesions of cerebralcortex)		**physiology ofpupil and lightreflex.(TL method– Interactivelecture)** (Refractiveerrors)	**occipitalis, lateralisandbasalis AllDemonstrator**		
1-2					E C E S S	
2-3	Tutorial		Tutorial	Dissection PosteriorTriangleofNeck An29.1 Describe &demonstrateattachments,nervesupply, relations andactions ofsternocleidomastoidAN29.4Describe& demonstrateattachments of1)inferior belly ofomohyoid, 2)scalenusanterior,3) scalenus medius& 4) levatorscapulae **AllFaculties**	Tutorial	
3-5	P-Cr.N-8 P-Reflexes B-Estimationof Creatinine&CCr	Dissection Sectionsof brain **AN63.1 Describe& demonstrate parts, boundaries& features of IIIrd,IVth& lateral Ventricle AN62.3 Describe the whitematterof cerebrum AN62.4 Enumerate parts& major connectionsof basalganglia &limbiclobe AN62.5 Describe boundaries, parts,gross relations, majornuclei and connections ofdorsal thalamus, hypothalamus, epithalamus, metathalamus**	P-Cr.N-8 P-Reflexes B-Estimationof Creatinine&CCr		P-Cr.N-8 P-Reflexes B-Estimationof Creatinine&CCr	

		andsubthalamus **AllFaculties**				

April 2024	**15.04.24.,**	**16.04.24.,**	**17.04.24.,**	**18.04.24.,**	**19.04.24.,**	**20.04.24.,**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology-**PY10.17- Describe anddiscuss functionalanatomy of eye,physiology ofimage formation,physiology ofvisionincludingcolour vision,refractive errors,colour blindness,physiology of pupilandlightreflex. (TL method–Interactive lecture)**(Physiology of pupil &lightreflex)	AppliedAnatomyOf Head &Neck **TL method – Interactivelecture** **AN27.2 Describeemissary veinswith its role inspreadofinfection fromextracranialroute tointracranialvenoussinuses AN36.2 Describe thecomponentsandfunctions ofWaldeyer′s lymphatic ringAN35.10 Describe thefascial spacesof neckAN35.9 Describethe clinicalfeatures of compression ofsubclavian**	**Biochemistry – BI6.5- Describe thebiochemical role ofvitamins in the bodyandexplainthemanifestations of theirdeficiency .-2 (TL method – Interactivelecture)**	Head and neckPosteriorTriangleofNeck1 **TLmethod – Interactivelecture** **AN29.1 Describe &demonstrateattachments, nervesupply, relationsand actions ofsternocleidomastoidAN29.4 Describe &demonstrateattachments of 1)inferior belly ofomohyoid,2)scalenusanterior, 3) scalenusmedius& 4) levator scapulaeDr D MKapadia**	**Biochemistry– BI6.5- Describe thebiochemical role ofvitamins in thebody and explainthe manifestations oftheir deficiency .- 3(TLmethod– Interactivelecture)**	Embryology **TLmethod –Interactive lecture** **AN25.5 Describe developmental basis of congenital anomalies,transposition ofgreat vessels, dextrocardia, patentductusarteriosusandcoarctationof Aorta** **AN25.6 Mention development of aortic arch arteries, SVC, IVC andcoronarysinus** **Dr.K.P.Shah**

		artery andlower trunk ofbrachialplexus bycervicalrib AN28.7 Explainthean atomicalbasis of facialnerve palsy Dr N R Bhojak				
10-11	Physiology-**PY10.13-Describe and discussperception of smelland taste sensation.(TL method –Interactivelecture)**		Physiology-**PY10.15-Describe and discussfunctional anatomy ofearandauditorypathways & physiologyofhearing.(TLmethod – Interactivelecture)** (Ear &Auditorysystem)	Head and neckPosteriorTriangleofNeck2 **TLmethod – Interactivelecture** **AN29.3 Explainanatomical basis ofwry neck AN29.2 Explainanatomical basis ofErb's&Klumpke's palsy Dr B NPatel**	Physiology-**PY10.17-Describeand discussfunctional anatomy of eye,physiology ofimage formation,physiology ofvisionincluding colour vision,refractive errors,colour blindness,physiology ofpupilandlight reflex.(TL method – Interactive lecture)** (Colourvision)	Histology lectureNervousystem AN68.3Describetheultrastructureof nervoustissue **Dr.S.D.Shah**
11-12	**Biochemistry – BI6.5-Describe thebiochemical role ofvitamins in the bodyandexplainthemanifestations oftheirdeficiency.-1 (TLmethod – Interactivelecture)**	Demo SagitalSectionof Head & Neck**AN37.1 Describe &demonstrate features ofnasal septum,lateral wall ofnose, their bloodsupply andnerve supplyDescribe the 1)morphology, relations,bloodsupply**	Physiology-**PY10.15-Describe and discussfunctional anatomy ofearandauditorypathways & physiologyofhearing.(TLmethod – Interactivelecture)** (Cochlea)	Deep Cervical FasciaAN35.1Describe theparts,extent,attachments,modifications of deepcervicalfascia DrKPShah	Physiology-**PY10.17-Describeand discussfunctional anatomy of eye,physiology ofimage formation,physiology ofvisionincluding colour vision,refractive errors,colour blindness,physiology ofpupilandlightreflex.(TLmethod**	Histology practicalNervousystem AN68.3Describetheultrastructureof nervoustissue **AllFaculties**

					– **Interactive**	

		and appliedanatomy of palatinetonsil2)composition ofsoft palateAN36.3 Describe theboundaries andclinicalsignificance ofpyriform fossaAll DemonStrators			**lecture)** (Visualpathway)	
12-1	Physiology-**PY10.14- Describe and discusspatho-physiology ofaltered smell andtastesensation.(TL method – Interactivelecture)**		Physiology-**PY10.15- Describe and discussfunctional anatomy ofearandauditorypathways & physiologyofhearing.(TLmethod – Interactive lecture)**(Electrophysiology ofhearing)	Demo NormaLateralis **AN26.1 Demonstrateanatomical positionof skull, Identify andlocate individualskullbonesinskull** **AN26.2 Describe thefeatures of normafrontalis, verticalis, occipitalis,lateralis andbasalis** **AllDemonStrators**	**Biochemistry– BI6.5- Describe thebiochemical role ofvitamins in thebody and explainthe manifestations oftheir deficiency .- 4(TLmethod– Interactivelecture)**	
1-2	R E C E S S					
2-3	Tutorial	Early ClinicalExposureHead&Neck **AN36.2 Describe thecomponen**		Dissection Posterior Triangle ofNeckAN29.1Describe &demonstrateattachments,nervesupply, relations andactionsof	Tutorial	
3-5	P-Cr.N-8 P-Reflexes B-Estimation ofCreatinine&C		P-Cr.N-2(color vision,acuityofvision P-Perimety B-EstimationofUricacid		P-Cr.N-2(color vision,acuityofvision P-Perimetry B-EstimationofUric	

		ofWaldeyer′slymphaticringAN35.10 Describe the fascial spacesof neckAN35.9 Describe theclinicalfeatures ofcompressionof subclavianartery andlower trunk ofbrachialplexus bycervicalrib		AN29.4Describe &demonstrateattachments1)inferior belly ofomohyoid, 2)scalenusanterior,3) scalenus medius& 4) levatorscapulae **AllFaculties**	acid	

April 2024	**22.04.24.,**	**23.04.24.,**	**24.04.24.,**	**25.04.24.,**	**26.04.24.,**	**27.04.24.,**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Physiology-**PY10.15- Describe and discussfunctional anatomy ofearandauditorypathways & physiologyofhearing.(TLmethod – Interactive lecture)**(Electrophysiology ofhearing)	Headandneck AnteriorTriangle of Neck 1**TL method – Interactivelecture** **AN32.1 Describeboundaries andsubdivisions of anteriortriangle Dr J PPatel**	Biochemistry– SDLIntegrationofMetabolism	Head and neckInfratemporalFossa **TL method – Interactivelecture** **AN33.1 Describe &demonstrate extent,boundaries and contents oftemporaland infratemporalfossaeAN33.2 Describe &demonstrate attachments,direction of fibres, nervesupply and actions of muscles ofmastication Dr N R Bhojak**	**Biochemistry – BI6.7- Describe the processesinvolved in maintenanceof normal pH, water &electrolyte balance ofbody fluids and thederangementsassociatedwith these.-1(TLmethod– Interactivelecture)**	Orbit,Extra ocularMuscles **TLmethod–Interactive lecture** **AN31.1 Describe & identifyextra ocular muscles of eyeballAN31.2 Describe &demonstrate nerves andvesselsintheorbit Dr D MKapadia**
10-11	Physiology-**PY10.15- Describe and discussfunctional anatomy ofearandauditorypathways&physiology**	Headandneck AnteriorTriangle of Neck 2**TL method – Interactivelecture**	Physiology-**PY11.1- Describeand discuss mechanism oftemperatureregulation.&PY11.2- Describeanddiscuss adaptationto**	Head and neckInfratemporalFossa **TL method – Interactivelecture**	Biochemistry-SDLClinical aspect of A.AMetabolism	Eye Ball **TLmethod–Interactive lecture** **AN41.1 Describe &demonstratepartsandlayers**

	ofhearing.(TLmethod –Interactivelecture) (Auditorypathway)	**AN32.2 Describe &demonstrate boundariesand contents of muscular,carotid, digastric and submentaltriangles Dr J PPatel**	**altered temperature (heat andcold).& PY11.3- Describe anddiscuss mechanism of fever,coldinjuriesandheatstroke. (TL method – Interactivelecture)**(Temperaturer egulation)	**AN33.4 Explain the clinicalsignificance of pterygoidvenousplexus Dr N R Bhojak**		**ofeyeball Dr D MKapadia**
11-12	**Biochemistry – BI6.6- Describe thebiochemicalprocesses involved in generationof energy in cells.(TLmethod– Interactivelecture)**	Headandneck Carotid Sheath & It's Content**TL method – Interactivelecture** **AN32.2 Describe &demonstrate boundariesand contents of muscular,carotid, digastric and submentaltriangles Dr B NPatel**	Functionsofskin	DissectionInfratemporal FossaAn33.1Describe &demonstrateextent, boundariesandcontentsofsoft emporal and infratemporalfossae An33.2Describe &demonstrate attachments,directionoffibres, nervesupply and actions of musclesofmastication **AllFaculties**	**Biochemistry – BI6.6- Biochemistry – BI6.7- Describe the processesinvolved in maintenanceof normal pH, water &electrolyte balance ofbody fluids and thederangementsassociatedwith these.-2(TLmethod– Interactivelecture)**	3rd,4th,6thcranialnerve **TLmethod–Interactive lecture** **AN31.5 Explain the anatomicalbasis of oculomotor, trochlearandabducentnerve palsies along with strabismusDr D MKapadia**
12-1	Physiology-**PY10.16- Describe and discusspathophysiology ofdeafness.Describe hearingtests.(TL method – Interactivelecture)** (Deafness)	Demo NormaFrontalis**AN26.1 Demonstrateanatomicalpositionof skull, Identify and locateindividual skullbonesinskull** **AN26.2 Describe thefeatures of normafrontalis,verticalis, occipitalis,lateralis** **andbasalis** **AllDemonstrators**	**Physiology-PY11.4 - Describeand discuss cardio-respiratoryandmetabolicadjustmentsduringexercise; physical trainingeffects.(TLmethod– Interactivelecture)** (Effectofexercise-oncardiorespiratory parameters &metabolism)		**Physiology PY10.16- Describe and discusspathophysiology ofdeafness.Describe hearingtests.(TL method – Interactivelecturewith SDL)(Topic-deafness)**	
1-2	R EC ES S					
2-3	Tutorial	Dissection AnteriorTriangle of NeckAN32.2Describe& demonstrate boundaries andcontentsofmuscular,	Tutorial	Demo NormaBasalis **AN26.1Demonstrate anatomical position of skull,Identifyandlocate**	Tutorial	

		carotid, digastric andsubmentaltriangl es SDLAnteriorTriangleofNe ck **AllFaculties**		**individual skullbonesinskull** **AN26.2 Describe thefeatures of normafrontalis,verticalis, occipitalis,lateralis** **andbasalis** **AllDemonStrators**		
3-5	P-Cr.N-2(color vision,acuityofvision P-Perimety B-EstimationofUricacid		P-Cr.N-2(colorvision, acuityofvision P-Perimety B-EstimationofUricacid	DissectionInfratemp oral FossaAN33.1Descri be& demonstrate boundaries andcontents of muscular, carotid,digastric and submentaltriangles AN33.2Describe &demonstrate attachments,directionoffibres, nervesupply and actions of musclesofmastication AllFaculties		

April2024	**29.04.24.,**	**30.04.24.,**	**01.05.24**	**02.05.24**	**03.05.24**	**04.05.24**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	SDL-glaucoma	Submandibular RegionThyroidGland **TL method – Interactivelecture** **AN34.1 Describe &demonstrate themorphology,relatio ns andnerve supply of**	Biochemistry–SDL Glucose ToleranceTest	Headandneck BackofNeck Suboccipital Triangle **TLmethod–Interactive lecture** **AN42.2Describe& demonstrate theboundariesandconten ts**	**Biochemistry–SDL** **GlycatedHb**	

		submandibular salivarygland & submandibularganglion **AN34.2 Describe thebasis of formation ofsubmandibular stonesDr N R Bhojak**		**of SuboccipitalTriangle Dr D MKapadia**		
10-11	**Biochemistry – BI6.7- Describe the processesinvolved in maintenanceof normal pH, water &electrolyte balance ofbody fluids and thederangementsassociatedwith these.-3(TLmethod– Interactivelecture)**		**SDL-Neurophysiology**	Head and neckPterygopalatinefossa&ganglion **AN33.4 Explain theclinicalsignificanceof pterygoid venous plexusDr B N Patel**	**Biochemistry** – **SDLComplicationOf DM**	
11-12	Biochemistry–SDL Methods for estimationofBloodGlucose	Lymphaticdrainageof Head&Neck **TL method** – **Interactivelecture** **AN35.5 Describe anddemonstrate extent,drainage & appliedanatomy of cervicallymphnodes DrK PShah**		DissectionSuboccipital Triangle**AN42.2 Describe &demonstratethe boundaries and contentsof Suboccipital Triangle** AllFaculties		
12-1	**Biochemistry – BI6.8- Discussandinterpretresults of Arterial BloodGas (ABG) analysis invariousdisorders.1 (TL method** – **Interactivelecture)**	Demo NormaBasalis **AN26.1 Demonstrateanatomical position ofskull, Identify andlocateindividual skullbonesinskull** **AN26.2Describe the features of normafrontalis, verticalis,occipitalis, lateralis** **andbasalis**	Physiology-**PY10.17- Describe and discussfunctional anatomy ofeye,physiologyofimage formation,physiology of visionincludingcolour vision,refractiveerrors ,colourblindness, physiologyofpupiland light reflex. (TL method** – **Interactive lecturewithSDL)** (errorsofrefraction)			

		AllDemonStrators				
1-2	REC ES S					
2-3	Biochemistry-Extracurricular	DissectionSubmandibular RegionAN34.1Describe &demonstrate themorphology,relations and nerve supply ofsubmandibular salivarygland & submandibularganglion **AllFaculties**	Biochemistry-Extracurricular	DemoMandible AN26.4 Describemorphologicalfeaturesofmandible		
3-5	P-Instruments-I B-Estimation of Totalprotein & Albumin and A:GRatio	SDL Thyroid Gland	P-Instruments-I B-Estimation of Totalprotein & Albumin andA:GRatio	DissectionSuboccipitalTriangle		

May 2024	**06.05.24**	**07.05.24**	**08.05.24**	**09.05.24**	**10.05.24**	**11.05.24**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
	Note-thiswholeweekwillbe for sportsandExtra-curricular activities					

May 2024	**13.05.24**	**14.05.24**	**15.05.24**	**16.05.24**	**17.05.24**	**18.05.24**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
	Note-thiswholeweekwillbe for sportsandExtra-curricular activities					

May4 2023	20.05.24	21.05.24	22.05.24	23.05.24	24.05.24	25.05.24
Time	**Monday**	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	Extracurricular		**Biochemistry – BI6.9- Describe the functionsof various minerals inthebody,theirmetabolism andhomeostasis.1(TL method – Interactivelecture)**	Pharynx **TLmethod–Interactive lecture** **AN36.1 Describe the 1)morphology, relations, bloodsupply and applied anatomyof palatine tonsil 2)compositionofsoftpalateDr B N Patel**	**Biochemistry – BI6.9- Describe the functionsof various minerals inthebody,theirmetabolism andhomeostasis.2(TL method – Interactivelecture)**	Larynx1 **TLmethod–Interactive lecture** **AN38.1 Describe themorphology, identifystructureofthewall, nervesupply, blood supply and actions ofintrinsic and extrinsicmuscles ofthelarynx** **DrK PShah**
10-11			Extracurricular	Tongue **TLmethod–Interactive lecture** **AN39.1 Describe &demonstrate the morphology,nerve supply, embryologicalbasis of nerve supply, bloodsupply, lymphatic drainageandactions of extrinsic and intrinsicmuscles oftongue** **AN39.2 Explain the anatomicalbasis of hypoglossal nervepalsy** **Dr.NRBhojak**	Extracurricular	Larynx2 **TLmethod–Interactive lecture** **AN38.2 Describe theanatomical aspects oflaryngitis** **AN38.3 Describe anatomicalbasis of recurrent laryngealnerve injury** **DrK PShah**
11-12	**Biochemistry – BI6.8- Discuss andinterpret results of Arterial BloodGas(ABG)analysis in variousdisorders.2 (TLmethod – Interactivelecture)**			SoftPalate&Tonsil **TLmethod–Interactive lecture** **AN36.1 Describe the 1)morphology, relations, bloodsupply and applied anatomyof palatine tonsil 2)composition of soft palateAN36.2Describe the componentsandfunctionsof Waldeyer′slymphaticring** **AN36.4Describe the**		Dissection Larynx AN38.1Describe themorphology,identifystructure ofthe wall, nerve supply, bloodsupply and actions of intrinsicand extrinsic muscles of thelarynx AllFaculties

				anatomical basis of tonsillitis,tonsillectomy, adenoids andperi-tonsillarabscess Dr B NPatel		
12-1	P Extracurricular physiologySDL			DemoRad iology **AN43.7 Identify the anatomicalstructuresin1)Plain x-rayskull,2)AP viewand lateralview3) Plainx-raycervical spine-AP and lateralview4)Plainxray of paranasal sinusesAllDemonstr ators**	Biochemistry–SDL LFT	
1-2	R E C E S S					
2-3	Biochemistry-Extracurricular		Biochemistry-Extracurricular	Dissection Pharynx	Biochemistry-Extracurricular	
3-5	P-Instruments-I B-Estimation of Total protein &Albuminand A:GRatio		P-Instruments-I B-Estimation of Totalprotein & Albumin andA:GRatio	**AN36.1 Describe the 1)morphology, relations, bloodsupply and applied anatomyof palatine tonsil 2)compositionofsoftpalate** AllFaculties	P-Instruments-I B-Estimation of Totalprotein & Albumin andA:GRatio	

May 2024	**27.05.24**	**28.05.24**	**29.05.24**	**30.05.24**	**31.05.24**	**01.06.24**
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	**PhysiologyATC OM- Module3- Doctor patientrelations hip**	MiddleEar **TLmethod–Interactive lecture** **AN40.2 Describe & demonstrate theboundaries, contents, relations andfunctional anatomy of middle ear andauditory tube** Dr J PPatel	**Biochemistry– Bl6.10- Enumerateand describe thedisorders associatedwithminer almetabolism.(TL method – Interactivelecture)**	Nose **TL method – Interactivelecture** **AN37.1 Describe &demonstrate features of nasalseptum, lateral wall of nose,theirbloodsupplyandner ve supply**	**Physiology Sports**	Embryology **TL method – Interactivelecture** **AN43.4 Describe thedevelopment anddevelopmental basis ofcongenitalanomaliesofface , palate,tongue,branchial**

				Dr B NPatel		**apparatus, pituitarygland,thyroidgland&eye DrK PShah**
10-11		TympanicMembrane AndAuditoryTube **TLmethod–Interactive lecture** **AN40.2 Describe & demonstrate theboundaries, contents, relations andfunctional anatomy of middle ear andauditory tube Dr B NPatel**	**PhysiologyExt racurricular**	Paranasal Air SinusesTL method – **Interactivelecture** **AN37.2 Describe location andfunctional anatomy ofparanasalsinuses Dr N R Bhojak**		Histology LectureEye &Ear DrSDShah
11-12		FacialNerve **TLmethod–Interactive lecture** AN28.7Explaintheanatomicalbasisoffacialnervepalsy DrD MKapadia		Trigeminal Ganglion & MiddlemeningealArtery **TL method – Interactivelecture** **AN33.1 Describe &demonstrate extent,boundaries and contents oftemporalandinfratemporalfossaeS Dr J PPatel**		Histology PracticalEye &Ear AllFaculties
12-1		Demo Surfacemarking ofHead & Neck **AN43.6 Demonstrate surface projectionof- Thyroid gland, Parotid gland andduct, Pterion,Commoncarotidartery,Internaljugularvein,Subclavianvein,External jugular vein, Facial artery intheface & accessory nerve AllDemonstrators**		Demo **Lateral Wall of NoseAN37.1 Describe&demonstratefeaturesof nasal septum, lateral wall ofnose, their blood supply and nervesupply AllDemonstrators**		
1-2	REC ES S					
2-3	P-(all250students)Instrument –II & SMC & effectoftemperature	Dissection Ear AN40.1At the end of session, the phase Istudent should be able to describe &identify the parts, blood supply and nervesupply ofexternal ear AN40.2Describe&demonstratethe	P-(all250students)2successive stimuli &Genesisoftetanus	Dissection Nose AN37.1Describe & demonstratefeatures of nasal septum, lateralwall of nose, their blood supplyandnerve supply AllFaculties	P- (all250students)Quantal summation &velocityofnerveimpulse	

		boundaries, contents, relations andfunctional anatomy of middle ear andauditorytube AllFaculties				
3-5						

June 2024	03.06.24	04.06.24	05.06.24	06.06.24	07.06.24	08.06.24
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	**Biochemistry – BI6.11- Describe the functions ofhaem in the body anddescribe the processesinvolved in its metabolismanddescribep orphyrin metabolism. (TLmethod– Interactivelecture)**	Biochemistry – Extracurricular	**Biochemistry–BI6.13 -Describe thefunctions of thekidney, liver, thyroidandadrenalglands.-3 (TLmethod – Interactivelecture)**	Biochemistry – Sports	**Biochemistry – BI9.1 - List thefunctions and components oftheextracellularmatrix(ECM) . (TL method – Interactivelecture)**	
10-11	**Biochemistry – BI6.12- Describe the major types ofhaemoglobinanditsderivati vesfound in thebody and their physiological/pathologicalrel evance.(TL method–Interactivelecture)**		**Biochemistry–BI6.14 -Describe thetestsfthat are commonlydoneinclini calpracticeto assessthefunctionsof these organs (kidney, liver,thyroidandadre nal glands).(TLmethod– Interactivelecture)**		Biochemistry– SDLClinicalaspectofCan cer	
11-12	**Biochemistry – BI6.13 - Describe the functions of thekidney,liver,thyroidandadr enalglands.-1(TL method – Interactivelecture)**		**Biochemistry–BI6.15 -Describe theabnormalities ofkidney, liver, thyroidand adrenalglands. (TLmethod – Interactivelecture)**		**Biochemistry – BI9.2 - Discussthe involvement of ECMcomponentsinhealthand disease.(TLmethod– Interactivelecture)**	

12-1	**Biochemistry – BI6.13 - Describe the functions of thekidney,liver,thyroidandadrenalglands.-2(TL method – Interactivelecture)**		Biochemistry–SDL Clinicalaspectof Mutation		**Biochemistry – BI9.3 - Describeprotein targeting & sortingalongwithits associated disorders.(TLmethod– Interactivelecture)**	
1-2	REC ES S					
2-3	P-(all250 students)Strengthdurationcurve&effectofload	Dissection Ear	P- (all250students)Fatigue&ergography	Dissection Nose	P- (all250students) Normalcardiogram&effectoftemperature onfrogsheart	
3-5						

June 2024	10.06.24	11.06.24	12.06.24	13.06.24	14.06.24	15.06.24
	Monday	**Tuesday**	**Wed**	**Thu**	**Fri**	**Sat**
9-10	**Biochemistry–BI10.1- Describethecancerinitiation, promotion oncogenes &oncogeneactivation.Alsofocuson p53&apoptosis(TLmethod– Interactive lecture)**		**Biochemistry –BI10.4 - Describe &discussinnate and adaptiveimmune responses,self/non-selfrecognition and thecentral role of T-helper cells inimmune responses.(TL method– Interactivelecture)**		Biochemistry SDL-NephroticSyndrome	
10-11	**Biochemistry–BI10.2- Describe various biochemicaltumormarkers andthebiochemicalbasisof cancertherapy.(TLmethod– Interactivelecture)**		BiochemistrySDL-Cardiac function tests&MI		**Biochemistry – BI10.5-Describe antigensand concepts involved invaccinedevelopment. (TLmethod – Interactivelecture)**	
11-12	**Biochemistry – BI10.3 -Describe the cellular andhumoral componentsof the immunesystem&**		**Biochemistry –BI10.3 - Describethecellular and humoral**		Biochemistry SDL-Pancreatic FunctionTestandPancreatitis	

	describe the types andstructure of antibody.-1(TLmethod – Interactive lecture)		**components of theimmune system &describe the typesand structure ofantibody.-1(TL method – Interactivelecture)**			
12-1	Biochemistry SDL-Adrenalglandfunction tests		BiochemistrySDL-RenalFunctionTest		Biochemistry SDL-AntenatalScreening	
1-2	REC ES S					
2-3	P-(all250 students)Effect ofdrugson frogsheart-I	Dissection Ear	P-(all250students)Effect of drugsonfrogsheart-II	DissectionNose&preuniversityexamstarts	P- (all250students)Mammalian BP&respirationrecording	
3-5						

June2024	**17.06.24** PreparationleaveforprelimExam	**18.06.24** Preparation leave forprelim Exam	**19.06.24** Preparation leave forprelim Exam	**20.06.24** Preparation leave for prelimExam	**21.06.24** Preparation leave forprelim Exam	**22.06.24** Preparation leave for prelimExam
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**

June 2024	**24.06.24** PreparationleaveforprelimExam	**25.06.24** Preparation leave forprelim Exam	**26.06.24** Preparation leave forprelim Exam	**27.06.24** Preparation leave for prelimExam	**28.06.24** Preparation leave forprelim Exam	**29.06.24** Preparation leave for prelimExam
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**

July 2024	**01.07.24** Prelim exam	**02.07.24** Prelim exam	**03.07.24** Prelim exam	**04.07.24** Prelim exam	**05.07.24** Prelim exam	**06.07.24** Prelim exam
	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**

July2024	**08.07.24** Prelim exam	**09.07.24** Prelim exam	**10.07.24** Prelim exam	**11.07.24** Prelim exam	**12.07.24** Prelim exam	**13.07.24** Prelim exam

Saturday		Prelim exam		Prelim exam	**Tuesday**	**Wednesday**	**Thursday**	**Friday**

July2024	**16.07.24** Prelim exam	**17.07.24** Prelim exam	**18.07.24** Prelim exam	**19.07.24** Prelim exam	**20.07.24** Prelim exam	**21.07.24**
July2024	**23.07.24**	**24.07.24**	**25.07.24**	**26.07.24**	**27.07.24**	**28.07.24**
July2024	**08.07.24**	**09.07.24**	**10.07.24**	**11.07.24**	**12.07.24**	**13.07.24**
July2024	**15.07.24**	**16.07.24**	**17.07.24**	**18.07.24**	**19.07.24**	**20.07.24**
July2024	**22.07.24**	**23.07.24**	**24.07.24**	**25.07.24**	**26.07.24**	**27.07.24**
July2024	**29.07.24**	**30.07.24**	**31.07.24**	**01.08.24**	**02.08.24**	**03.08.24**

***Lecturesin CommunityMedicine**:shallbeinteractivewithasubstantialamountofcase-baseddiscussions, after prelim students will be instructedtocome to the department for dought clearingas when required.

****FieldVisitsin Communitymedicine**:Post-PartumUnit,ElementaryNursingPractices,CSSD,STDclinic,RevisedNationalTuberculosisControlProgram(PulmonaryMedicineDepartment),Aarogyabhavan(HealthdepartmentofAhmedabad MunicipalCorporation)

****Group Discussion and SDL topics**: Demographic profile of India, demographic indices. Sex ratio and its social and health implications, Nutritional assessment of individuals, families and thecommunity,Foodhygiene,CausesandconsequencesofpopulationexplosionandpopulationdynamicsofIndia.,Socio-culturalfactors,family(types),poverty anditsroleinhealthanddisease

Note-

*Contributors:	Allthefacultiesof4pre-clinicaldepartmentsandMCI,Nodalcentre,SmtNHLMMC,Ahmedabad
*Futureplanning	Incomingtimes,wewillupgradethistimetablespeciallyintermsofintegration(forexampleofinclusionofagreaternumberoflinkersessions)