Time Table Schedule (Phase 1st MBBS as per New Curriculum w.e.f 15th November, 2022)

Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	12:00-1:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm
Monday	Physiology (L)	Physiology (P)		LUNCH	Anatomy (L)	Anatomy DH (P)		SGT Biochemistry
Tuesday	Biochemistry (L)	Physiology (P)			SDL/AETCOM/ECE Physiology	Anatomy DH (P)		SGT Physiology (P)
Wednesday	Anatomy (L)	Biochemistry (P)			ECE Anatomy	SGT Physiology (P)	SDL/AETCOM/ ECE - Biochemistry	SDL Anatomy
Thursday	Anatomy (L)	Physiology (L)	Anatomy (L)		SDL/AETCOM/ECE- Biochemistry/ Physiology	Anatomy DH (P)		SGT Biochemistry (P)
Friday	Community Medicine (L/P)	Physiology (L)	Anatomy (L)		SGT Physiology (P)	Anatomy DH (P)		SGT Physiology (P)
Saturday	Anatomy (L)	Physiology (L)	Biochemistry (L)		AETCOM/SDL - Anatomy	Anatomy DH (P)		SGT Anatomy (P)

L - Lecture		**P - Practical/SGT/Tutorial/IT**			**DH - Dissection Hall**			
Last Friday every month (10-12) - Community Medicine- SDL/AETCOM					**SGT - Small Group Teaching**			
Sports - Outdoor Week 4-5 (Last 2 Saturdays)					**SDL - Self Directed Learning**			
- Indoor Week 10-11 (Last 2 Saturdays)					**AETCOM - Attitude, Ethics & Communication**			
					ECE - Early Clinical Exposure			
1st Internal Exam -Week 14-15					**Integration will be done along with Practical/SGT/Tutorial - two Saturday's in Week 39 & 41 as decided by AIT**			
2nd Intertnal Exam - Week 30-31								
Pre University Exams - Week 46-47								
Diwali Vacations - One Week								
Holi Vacations - One Week								

Time Table Schedule (Phase 1st MBBS as per New Curriculum w.e.f 15th November, 2022) - 1 Week (Foundation Course)

Week	Day	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm
	Monday	F.C. 1.5 Ice Breaking - Introduction of Students and Pre-Clinical Faculty		F.C. 1.5 Address by the Dean	F.C. 1.9 - Principles of Family Practice: MEU	F.C. 1.5.Department Rounds in Three Batches: Batch A (Roll No. 1-50), Batch B (Roll No. 51-100), Batch C (Roll No 101-150) - Anatomy (Batch A: 2-3pm; Batch B: 3-4 pm; Batch C: 4-5pm), Physiology (Batch B: 2-3pm; Batch C:3-4 pm; Batch A: 4-5pm) & Biochemistry (Batch C: 2-3pm; Batch A: 3-4 pm; Batch B: 4-5pm) - Foundation Course Committee Members of Pre Clinical Department		
	Tuesday	F.C. 1.2 Introduction to the Medical Profession -MEU	F.C. 1.6 & 1.7 Overview of MBBS Course - MEU	F.C . 1.4 Meeting Anti-ragging Committee and Anti-ragging Measures - MEU	F.C. 1.4 Hostel Ettiquettes - Chief Warden	F.C. 1.5 Visit of the Hostel & Hospital in Batches (Batch S: Roll No 1-75; Batch T: Roll No 76-150) (Hospital Round) Batch S: Hostel Round 2-3:30pm, Hospital Round 3:30-5pm; Batch T Hosptial Round 2-3:30 pm, Hostel Round 3:30-5pm		

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Wednesday	F.C 1.1 Discussion on Gender Senitivity - Debate - MEU	F.C. 1.1 Medicine - The Art & Science of Healing - MEU	F.C. 1.1.Why I choose to become a Doctor - Panel Discussion - MEU	F.C. 1.8 Health Care Sytem and Its Delivery - MEU	F.C. 1.1 Medical Ethics, Attitude and Professionalism - Vice Chancellor, TMU		F.C. 1.8 National Health Policies and Priorities - MEU
Thursday	F.C. 1.10Alternate Health System - MEU	F.C. 1.2 Patient Safety MEU	F.C. 1.10 History of Medicine - MEU	F.C. 1.8 Universal Precautions - MEU	F.C. 1.8 Universal Vaccination - MEU	F.C. 1.9.Biohazard Safety - MEU	F.1 History of Outbreaks, Epidemics & Pandemics - Microbiology
Friday	F.C. 1.6 Medical & Hospital Ambience- In batches *	F.C.1.6 Medical & Hospital Ambience- In batches *	F.1 History of Outbreaks, Epidemics & Pandemics - Microbiology	F.C. 2.1-2.9 Skill Module - Introduction - Incharge Skill Lab	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#		
Saturday	F.C.4.1 Medical Ethics & Professionalism - Know the Hippocratic Oaths Forensic Medicine	F.C.4.1 Consequence of Unethical Behaviour - Forensic Medicine	F.C. 5.4 Computer Skills - Introduction to Basic - CCSIT, TMU	F.C. 5.3 English Language - CCSIT, TMU	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#		

TeerThanker Mahaveer Medical college & research cenTer - Moradabad 244001

Proposed Time Table Schedule (Phase 1st MBBS as per New Curriculum w.e.f 15th November 2022)

Week 1

Day	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm
Monday	Physiology (L) Introduction of Physiology	Biochemistry (P) Introduction to Biochemistry Practicals Physiology (P) Introduction of Labs		Anatomy Lecture Introduction to Anatomy AN 1.1, 1.2	AETCOM Anatomy: 1.1: What it meas to be a Doctor		SGT Biochemistry Introduction to Biochemistry
Tuesday	Biochemistry (L) Introduction to Biochemistry			AETCOM - Physiology: 1.2 What it means to be patient?	Anatomy Practical Anatomical Terms & Planes AN 1.1		SDL- Physiology - Molecular and functional organization of cell .
Wednesday	Anatomy Lecture Bone AN 2.1, 2.4			ECE Anatomy Correct handle of Instruments	SGT Physiology (P) Definition and principles of Homeostasis-I PY1.2	Lecture-Biochemistry Cell organclles + their functions (B1.1)	SDL Anatomy Bone AN 8.1, 8.2
Thursday	Anatomy Lecture Joint AN 2.5, 2.6	Physiology (L) Homeostasis-II Mechanisms PY1.2	Anatomy Lecture Skin & Fascia AN 4.1, 4.5	ECE- Biochemistry/ Physiology Basic Concepts of Biochemistry	Anatomy Practical Bone & Joint AN 8.1-8.2		SGT Biochemistry Cell membrane & Transport Mechanisms (B1.1)
Friday	CM.1.1 Define and describe the concept of Public Health (L)	Physiology (L)Body fluids compartment and composition PY1.6	Anatomy Lecture Muscle AN 3.1-3.3	SGT Physiology (P) Apoptosis - Programmed cell death.PY1.4	Anatomy Practical Bone & Joint AN 8.1-8.2		SGT Physiology (P) Cell organells ,Functions of cell membranes
Saturday	Anatomy Lecture Nervous System AN 7.1, 7.8	Physiology (L) Intercellular communication PY1.3	Biochemistry (L) Chemistry of Carbohydrates (Classification monosaccharides, disaccharides & Polysaccharides (B3.1)	Anatomy Lecture Cardiovascular & Lymphatic AN 5.1, 5.8	Anatomy Practical Muscles & Nervous AN 3.2, 3.3		SGT Anatomy Blood Vessels AN 5.1, 5.3
Monday	Physiology (L) Structure and function of cell membrane.PY1.5	Biochemistry (P) Introduction to laboratory apparatus & equipments (B11.1) Physiology (P): Microscope Physiology (P): Anthropometric Parameters		General Anatomy Part Completion Test			SGT Biochemistry Functions of Carbohydrate (B3.1)
Tuesday	Biochemistry (L) Chemistry of Carbohydrates-II (B4.1)			AETCOM-Describe and discuss the commitment to life long learning as an important part of physician growth	Anatomy Practical Osteology of Clavicle & Scapula AN 8.3, 8.4		SDL - Physiology (P) - Concept of pH & Buffer systems in body .PY1.7

Foundation Course w.e.F. oCtober 2021
Timings: 5:00pm Onwards

For Batch 2022-23

5:00 - 6:00 pm	6:00 - 7:00 pm
F.C. 2.1-2.9Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick	
F.C.4.9 Time Management - Pharmacology Department	F.C. 4.1 Medical Ethics Quiz - Forensic Medicine
F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste	
F.C 5.4 Computer Skills - Intoduction to Microsoft - CCSIT, TMU	F.C. 5.3 English Language - CCSIT, TMU
F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste	
F.C. 4.2 Doctor-Patient Relationship - Medicine Department	F.C. 4.2 Doctor-Patient Relationship Quiz - Medicine Department
F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick	
F.C. 5.4 Computer Skills - MS Word -I - CCSIT, TMU	F.C.5.2 Local Language - CCSIT, TMU

week2	Wednesday	Anatomy Lecture Pectoral Region AN 9.1		ECE Anatomy Osteology of Humerus AN 8.4	SGT Physiology (P) Composition and function of blood components.PY2.1	**SDL** - Biochemistry Def:- Enzyme,Alloenzyme Holoenzyme coenzymes + cofactors + IUBMB classification of enzyme (B2.1)	SDL Anatomy Attechment on Bone of Upper Limb AN 5.1, 5.3	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#
	Thursday	Anatomy Lecture Mammary Gland AN 9.2, 9.3	Physiology (L) Transport across cell membrane - IPY1.5 / Anatomy Lecture Histology of Simple Epithelium AN 65.1, 65.5	**Lecture**-Biochemistry/ Physiology Mechanism of enzyme action & Factors affecting enzyme action (B2.3)	Anatomy Practical Osteology of Radius AN 8.4		SGT Biochemistry Enzyme inhibition with egs (B2.4)	F.C. 4.4 Communication Skills - Psychiatry Department / F.C.4.3 Values of Integrity & Honesty in IPR - Ophthalmology Dept.
	Friday	CM.1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health (L)	Physiology (L) Transport across cell membrane - II PY1.5 / Anatomy Lecture Axilla AN 10.1	SDL Physiology (P) - Plasma proteins I PY2.2	Anatomy Practical Axilla AN 10.1		SGT Physiology (P) - Transmembrane proteins , types & functions	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#
	Saturday	Anatomy Lecture Embryology Introduction AN 76.1, 76.2	Physiology (L) Molecular basis of RMP and causesPY1.8 / Biochemistry (L) Chemistry of lipids (Main Classes of lipids (B4.1)	AETCOM -Anatomy 1.1: What it means to be a Doctor?	Anatomy Practical Dissection of Axillary Artery Vein AN 10.2		SGT Anatomy Axillary Art & Vein AN 10.2	F.C. 4.10 Interpersonal Relationships - Group Dynamics - Pathology Dept. / F.C.4.4 Funcitoning as a part of Health Care Team - Pathology Dept.
	Monday	Physiology (L) Gibbs Donnan equilibrium, Nernst equation, Goldman's equation PY1.8	Biochemistry (P) Safe laboratory practices & waste disposal (B11.1) Physiology (P): Study of Common Objects Physiology (P) Anthropometric Parameters	Lecture Brachial Plexus AN 10.3	Practical Dissection of Brachial Plexus AN 10.3, 10.5		SGT Biochemistry Enzymes as diagnostic markers (B2.5)+ (B2.6)	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste
	Tuesday	Biochemistry (L) Chemistry of Lipids coutd.. (B4.1)		SDL Physiology Transport across cell membrane	Anatomy Practical Osteology of Ulna AN 8.4		SGT- Physiology (P)Test on - cell membrane and transport across cell membrane	F.C. 5.4 Computer Skills - MS Word -II - CCSIT, TMU / F.C. 5.3 English Language - CCSIT, TMU
	Wednesday	Anatomy Lecture Muscles of Back AN 10.8		ECE Anatomy Case Presentation AN 10.6, 10.7	SGT Physiology (P) - plasma proteins IIPY2.2	ECE - Biochemistry Interprectation of laboratory results of enzymes actvities (B2.7)	SDL Anatomy Bones of Articulated Hand AN 8.5, 8.6	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#
week3	**Thursday**	Anatomy Lecture Scapular Muscles AN 10.8, 10.10	Physiology (L) Action potential - definition and mechanismPY1.8 / Anatomy Lecture Compound Epithelium AN 10.8, 10.10	SGT- Biochemistry SGOT & SGPT estimation (B2.2)	Anatomy Practical Osteology of Muscles of Back AN 10.8		SGT Biochemistry Structure & Functions of proteins (B5.2)	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste
	Friday	CM.1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease. (L)	Physiology (L) Structure and functions of RBC, normal count and variationsPY2.4 / Anatomy Lecture Shoulder Joint AN 10.12	SGT Physiology (P) Blood groupsPY2.9	Anatomy Practical Dissection of Scapular Muscles AN 10.8, 10.10		SGT Physiology (P) RMP and Action potential	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#
	Saturday	Anatomy Lecture Mentural Cycle AN 77.1, 77.2	Physiology (L) ErythropoiesisPY2.4 / Biochemistry (L) Structural organization of proteins (B5.1)	AETCOM -Anatomy 1.1: What it means to be a Doctor?	Anatomy Practical Dissection of Shoulder Joint AN 10.12		SGT Anatomy Intramuscular injection of Upper Limb AN 10.13	F.C. 4.13 Learning Skills - Biochemistry Dept. / F.C.4.5 Human Tissue Donation - Blood - Anatomy Dept.
	Monday	Physiology (L) Regulation of erythropoiesisPY2.4	Biochemistry (P) Chemistry of carbohydrates (B3.1) Physiology (P): Hb estimation Physiology (P) Examination of pulse	Anatomy Lecture Muscles of Arm AN 11.1, 2	Anatomy Practical Muscles of Arm AN 11.1, 2		SGT Biochemistry Major types of Hb & derivatives + Their pathological relevance (B6.12)	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste
	Tuesday	Biochemistry (L) Digestion & Absorption of Carbohydrates + Storage (B3.2 & B3.3)		SDL Physiology blood groups PY2.9	Anatomy Demonstration of Biceps & Triceps AN 11.1		SGT-Effects of mismatched blood transfusionPY2.9	F.C. 5.4 Computer Skills - MS Excel - CCSIT, TMU / F.C. 5.2 Local Language - CCSIT, TMU
	Wednesday	Anatomy Lecture Vessels & Nerves of Arm AN 11.2		ECE Anatomy Venepuncture of Cunital Vein AN 11.3	ECE- Physiology (P) - Blood Transfusion- visit to blood bankingPY2.9	SDL - Biochemistry Glycolysis + Energetics (B3.4)	SDL Anatomy Anatomical Basis of Saturday Night Palsy AN 11.4	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste
week4	Thursday	Anatomy Lecture Vessels & Nerves of Arm AN 11.2	Physiology (L) HemoglobinPY2.3 / Anatomy Lecture Histology of Connective Tissue AN 66.1, 66.2	Lecture-Biochemistry Gluconeogensis (B3.4 & B3.5)	Anatomy Practical Vessels & Nerves of Arm AN 11.2		SGT Biochemistry HMP Shunt Significance (B3.4 & B3.5)	F.C.4.15 Use of Information Technology - ENT Dept. / F.C. 4.14 Self-Directed Learning - Biochemistry Dept.
	Friday	CM 1.4 Describe and discuss the natural history of disease (L)	CM2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community (P)	SGT Physiology (P) Types ,Function & Properties of nerve fibers.PY3.2	Anatomy Practical Vessels & Nerves of Arm AN 11.2		SGT Physiology (P) Plasma proteins	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste

	Saturday	Anatomy Lecture Cubital Fossa AN 11.5	Physiology (L) Anaemia PY2.5	Biochemistry (L) Glycogen metabolism (B3.4 & B3.5)	AETCOM Anatomy - 1.1: What it means to be Doctor?	Anatomy Practical Cubital Fossa AN 11.5		SGT Anatomy Anastomosis around elbow joint AN 11.6	F.C. 5.4 Computer Skills - MS Powerpoint - CCSIT, TMU	F.C. 5.3 English Language - CCSIT, TMU
	Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm		
week 5	Monday	Physiology (L) Fate of RBC and types of Jaundice.PY2.5	Biochemistry (P) Chemistry of Proteins (B5.1) Physiology (P): Hb estimation Physiology (P) Examination of pulse		Anatomy Lecture Superficial Muscles of Fronts of Forearm AN 12.1	Anatomy Practical Superficial Muscles of Fronts of Forearm AN 12.1		SGT Biochemistry Inhibitors of Carbohydrate Metabolism (B3.7)	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#	
	Tuesday	Biochemistry (L) TCA cycle and its amphibolic role (B3.6)			SGT- Physiology Neuro muscular blocking & Myasthenia gravis PY 3.5,3.6	Anatomy Practical Superficial Muscles of Forearm AN 12.1		SGT Physiology (P) Immunity2PY2.10	F.C.4.7 Stress Management - Psychiatry Dept.	F.C. 4.5 Human Tissue Donation - Organ - Anatomy Dept.
	Wednesday	Anatomy Lecture Vessels & Nerves of Forearm AN 12.2			AETCOM Anatomy 1.5 - SDL - The cadaver as our first teacher	Anatomy Practical Superficial Muscles of Forearm AN 12.1		SGT Anatomy Anastomosis around elbow joint AN 11.6	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#	
	Thursday	Anatomy Lecture Vessels & Nerves of Forearm AN 12.2	Physiology (L) Importance of blood grouping ,Erythroblastosis foetalis,Indications for blood transfusion.PY 2.9	Anatomy Lecture Spermatogensis Oogenesis AN 77.3	SGT-Biochemistry Lab. Results interpretation in relation to carbohydrate metabolism (B3.8 & B3.10)	Anatomy Practical Vesels & Nerves of Forearm AN 12.2		SGT Biochemistry Regulation of blood glucose (B3.9)	F.C. 4.5 Cadever as First Teacher - Anatomy Dept.	F.C. 4.5 Cadervic Oath - Anatomy Dept.
	Friday	CM2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community (L)	Physiology (L) WBCS Types-Structure& functions .PY 2.6	Anatomy Lecture Muscles of Hand AN 12.5	SGT Physiology (P) Counts, variation in count. Of WBCs.PY 2.6	Anatomy Practical Muscles of Hand AN 12.5		SDL- Physiology (P)Blood indices & Typing of Anaemias.py 2.3	F.C. 2.1-2.9 Skill Laboratory - Basic Life Spport Skills - Department of Anesthesia; First Aid Skills (Department of Pathology); Blood Bank(Department of Pathology); Hand Hygiene & Needle Stick Injuries (Department of Pathology); Biomedical Waste Mangement(Department of Microbiology); Medical Record Department - IN BATCHES#	
	Saturday	Anatomy Lecture Histology of Muscles AN 67.1 - 67.3	Physiology (L) Leucopoiesis ,Factors affecting & regulating. PY 2.6	Biochemistry (L) Formative Assessment-I	AETCOM Anatomy - 1.5 SDL - The cadaver as our first teacher	Anatomy Practical Movements of Thumb AN 12.6		SGT Anatomy Flexor Retinaculum & its Attachments AN 12.3	F.C. 5.4. Computer Skills - Other features of MS - CCSIT, TMU	F.C.5.3 English Language - CCSIT, TMU
	Monday	Physiology (L) Structure , functions & formation of Platelets. PY 2.7	Biochemistry (P) Prepartion of buffers and estimation of pH (B11.2) Determination of blood groups. PY2.11		Anatomy Lecture Vessels & Nerves of Hand AN 12.7	Anatomy Practical Vessels & Nerves of Hand AN 12.7		SGT Biochemistry Lipoproteins metabolism (B4.3)	F.C.4.13 Principles of Adult Learning - Community Medicine Dept.	F.C.4.2 Panel Discussion - Doctors role in Society - Biochemistry Dept.
	Tuesday	Biochemistry (L) Metabolism of lipids (B4.2)			ECE Anatomy Case Presentation Carpal Tunnal Syndrome AN 12.4	Anatomy Practical Vessels & Nerves of Hand AN 12.7		SGT- Physiology (P) Blood indices	F.C. 5.4 Computer Skills - Other features of MS - CCSIT, TMU	F.C. 5.3 English Language - CCSIT, TMU
	Wednesday	Anatomy Lecture Fascial Spaces of Palm AN 12.9 & 12.10			ECE Anatomy Case Presentation Carpal Tunnal Syndrome AN 12.4	ECE- Physiology (P) Case of severe anaemia transported from ward & shown in small groups, signs& symptoms demonstrated	ECE - Biochemistry Lab results of lipid analytes (B4.5 & B4.7)	SDL Claw Hand AN 12.8	F.C.4.2 Functioning as a part of Health Care Time - Community Medicine Dept.	F.C.4.6. Panel Discussion - Role of Medical Professional in Society - Community Medicine Dept.
week 6	Thursday	Anatomy Lecture Fascial Spaces of Palm AN 12.9 & 12.11	Physiology (L) Coagulation - Definition, factors, mechanisms.PY 2.7	Lecture (E) Fertilization & Contraception AN 77.4 & 77.4	SDL/AETCOM/ECE- Biochemistry/ Physiology	Anatomy Practical Muscles of Back of Forearm AN 12.10		SGT Biochemistry Lipoproteins metabolism (B4.3)	F.C.5.5 Computer Skills - Search Engines - CCSIT, TMU	F.C.5.1.Local Language - CCSIT, TMU
	Friday	Anatomy Lecture Muscles of Back of Forearm AN 12.11	Physiology (L) Coagulation - Definition, factors, mechanisms.PY 2.8	Lecture (E) Fertilization & Contraception AN 77.4 & 77.5	SDL - Physiology (P)- Understanding clinical importance of bleeding & clotting disorders.PY 2.8	Anatomy Practical Muscles of Back of Forearm AN 12.11		SGT- Physiology (P) Blood indices	F.C 4.2 Functioning as a part of Health Care Time - Community Medicine Dept.	F.C.4.3 Values of Integrity & Honesty - Physiology Dept.
	Saturday	CM2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community (L)	Physiology (L) Hemostasis - Definition, mechanisms.Bleeding & clotting disorders. PY2.8	Lecture Vessels & Nerves of Back of Forearm AN 12.12	AETCOM Anatomy SDL 1.1 What does it mean to be a Doctor?	Anatomy Practical Muscles of Back of Forearm; Vessels & Nerves of Back of Forearm AN 12.12		SGT Wrist Drop AN 12.13	F.C.5.5 Computer Skills - Search Engines - CCSIT, TMU	F.C.5.1.Local Language - CCSIT, TMU

week 7	Monday	Physiology (L) Variants and fate of hemoglobinPY2.3	Biochemistry (P) Normal constituents of Urine (B11.3) Physiology (P): Blood groups Physiology (P): Ergography PY3.14		Lecture Extensor Retinaculum & its Expansione AN 12.4, 12.15	Anatomy Practical Extensor Retinaculum & its Expansione AN 12.14, 12.15		SGT Biochemistry PG's uses -inhibitors (B4.6)	F.C.4.1 Quiz- On Unethical Behaviour - Forensic Medicine Dept.	F.C.4.3.Values of Integrity & Honesty - Discussion with Health Care Workers - Medicine Dept.
	Tuesday	Biochemistry (L) Digestion & Absorption of proteins (B5.3)			SGT -Physiology. Test on general physiology.	Anatomy Practical Surface Landmarks of Upper Limb AN 13.6		SGT Physiology (P) - Erythropoiesis & applied	F.C. 4.12. Introduction to AETCOM - MEU	F.C. 4.6 Values of Integrity & Honesty - Discussion with Seniors Psychiatry Dept.
	Wednesday	Anatomy Lecture Fascia & Veins of Upper Limb AN 13.1			ECE Anatomy Dermatomes of Upper Limb AN 13.2	ECE - Physiology (P)Demonstration of PS in small groups to show abnormal RBCS	Lecture - Biochemistry Protein Metabolism (B5.4)	SDL Radiology of Upper Limb AN 13.5	F.C. 5.4 Computer Skills	F.C.5.3 English Language - CCSIT, TMU
	Thursday	Anatomy Lecture Elbow & Radio-ulnar Joint AN 13.3	Physiology (L)Normal WBC count, Leukopoiesis, causes of increase or decrease in count PY 2.6	Lecture Wrist & 1st Carpometacarpal Joint AN 13.3	SGT- Biochemistry Disorders associated with protein metabolism (B5.4)	Anatomy Practical Elbow, Radio-ulnar, Wrist Joints AN 13.3		SGT Biochemistry Disorders associated with protein metabolism (B5.4)	F.C. 4.6 Holistic Healing - Community Medicine Dept.	F.C. 4.3 Values of Integrity & Honesty - Discussion with Peers Microbiology Dept.
	Friday	CM2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community (P)	Physiology (L) Immunity I - Definition , types.PY2.10	Lecture Teratogenicity AN 77.6	SGT Physiology (P) Viva on general physiology.	Anatomy Practical Radiology of Upper Limb AN 13.5		SGT - Physiology (P) Haemoglobin	F.C.5.5 Computer Skills - Searching Medical Literature - CCSIT, TMU	F.C. 5.3 English Language - CCSIT, TMU
	Saturday	Anatomy Lecture Histology of Blood Vessels AN 69.1 to 69.3	Physiology (L)Immunity II PY3.10	Biochemistry (L) Protein Metabolism (B5.4)	AETCOM -Anatomy 1.5 SDL - Cadaver as our first teacher	Anatomy Practical AN 13.7		SGT Joints AN 13.4, 13.8	F.C. 4.6. Discussion on Unprofessional Practice - Community Medicine Dept.	F.C. 4.6. Quiz- Professional Behaviour - Community Medicine Dept.
week 8	Monday	Physiology (L) Immunity III PY3.10	Biochemistry (P) Urianalysis for abnormal constituents (B11.4) Physiology (P): Blood groups Physiology (P): Ergography PY3.14		Part Completion Test Upper Limb			SGT Biochemistry, Urine Analysis (B11.4)	F.C.5.5 Computer Skills - Searching Medical Literature - CCSIT, TMU	F.C.5.1.Local Language - CCSIT, TMU
	Tuesday	Biochemistry (L) Protein Metabolism (B5.4)			SGT - Physiology Immunity related Clinical disorders .py2.10	Anatomy Practical Osteology of Hip Bone AN 14.1, 14.2		SGT - Physiology (P) Anaemia	F.C 4.11 Role of Mentoring - Surgery Dept.	F.C. 4.11.Quiz- Mentoring - Forensic Medicine Dept.
	Wednesday	Anatomy Lecture Muscles of Front of Thigh AN 15.2			ECE Anatomy AN 14.3	SGT -Physiology (L) Definition, structure & functions of different parts of neuron. PY 3.1	ECE - Biochemistry Interpretation of laboratory results of protein metabolism (B5.5)	SDL Bones of Lower Limb AN 14.1 to 14.4	F.C. 5.5. Computer Skills - Working with Mobile Applications - CCSIT, TMU	F.C.5.1. Local Language - CCSIT, TMU
	Thursday	Anatomy Lecture Vessels of Nerves of Thigh Front AN 15.1	Physiology (L) Definition, structure & functions of different types of nuroglia. PY 3.1	Lecture Cleavage Blastocyst Tropnoblast AN 78.1, 78.2	ECE- Biochemistry Clinical case Discussion of inherited disorders of protein Metabolism (B5.4)	Anatomy Practical Muscles & Vessels & Nerves of Front of Thigh AN 15.1, 15.2		SGT Biochemistry Protein Degradation (B5.4)	F.C. 4.8. Yoga & Meditation -	Assesement - Computer Skill - Formal Assessment - Faculty of CCSIT, TMU
	Friday	CM2.2 Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status (L)	Formative Assessment - Physiology - Short notes on course covered	Lecture Femoral Triangle AN 15.3	AETCOM-Descirbe and discuss the commitment to life long learning as an important part of physician growth	Anatomy Practical Osteology of Femur AN 14.1, 14.2		ECE- Physiology (P). Jaundice PY 2.5	F.C.5.5 Computer Skills - Working with Mobile Applications - CCSIT, TMU	F.C.5.3. English Language - CCSIT, TMU
	Saturday	Anatomy Lecture Histology of Glands AN 70.1	SDL - Physiology Hazards of mismatched blood transfusion.PY 2.11	Biochemistry (L) Protein Metabolism (B5.4)	AETCOM Anatomy 1.1 SDL - What does it mean to be a doctor?	Anatomy Practical Femoral Triangle AN 15.3		SGT Osteology of Tibia AN 14.1, 14.2	F.C.5.5. Computer Skills - Working with Mobile Applications - CCSIT, TMU	F.C. 5.3.English Language - CCSIT, TMU
	Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm		
	Monday	Physiology (L): Structure classification & Properties of the nerve fibers.PY 3.2	Biochemistry (P) Demonstration:- Paper Chromatography+Screening of Urine for inborn errors (B11. 5) Physiology (P)To determine bleeding & clotting time Physiology (P)		Lecture Adductor Canal AN 15.5	Anatomy Practical Adductor Canal AN 15.5		SGT Biochemistry, Biochemical changes in starvation (B6.1)	F.C.4.8. Yoga & Meditation -	Assesement - Computer Skill - Formal Assessment - Faculty of CCSIT, TMU

week 9	Tuesday	Biochemistry (L) Metabolism in fed state (B6.1)	To record blood pressure of normal subject.	AETCOM - Physiology 1.2. What it meas to be a Patient?	Anatomy Practical Osteology of Fibula AN 14.1, 14.2	SGT- Physiology (P) Hemostasis
	Wednesday	Anatomy Lecture Muscles of Gluteal Region AN 16.1		ECE Anatomy Psoos Abscen & Femoral Hernia AN 15.4	SGT-Physiology Myelination of nerve fiber.PY 3.2 / **Lecture -** Biochemistry Starvation & Metabolism (B6.1)	SDL Sciatic Nerve Injory AN 16.2
	Thursday	Anatomy Lecture Vessels & Nerves of Gluteal Region AN 16.1	Physiology (L) Conduction of nerve impulse -I / Lecture Embryology AN 8.3, 8.4	SDL- Biochemistry Biochemical processes involved in energy generation (B6.6)	Anatomy Practical Vessels & Nerves of Gluteal Region AN 16.1	SGT Biochemistry Integration of Metabolism (B6.1)
	Friday	CM2.2 Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status (P)	Physiology (L) Conduction of nerve impulse - II / Lecture Muscles of Back of Thigh AN 16.4	SGT Physiology (P) Transmission conduction & local response.Chronaxie, rheobase	Anatomy Practical Muscles of Back of Thigh AN 16.4	SDL - Physiology (P)Types of muscles & differentiating features of muscles. PY3.7
	Saturday	Anatomy Lecture Histology of Lymphoid Tissue AN 70.2	Physiology (L) Degeneration & Regeneration of nerve fiber.PY3.3 / Biochemistry (L) Metabolism in fasting state (B6.1)	AETCOM Anatomy - 1.1 What it means to be a Doctor? Reflections	Anatomy Practical Osteology of Tarsal Bones AN 14.1, 14.2	SGT Trendelenberg Sign AN 16.3
week 10	Monday	Physiology (L) Structure of nuromuscular junction &transmission of impulse across NMJ.PY3.4	Biochemistry (P) Principle of colorimetry (B11.6) Physiology (P)To determine bleeding & clotting time Physiology (P) To record blood pressure of normal subject.	Lecture Vessels & Nerves of Thigh Back AN 16.5	Anatomy Practical Vessels & Nerves of Thigh Back AN 16.5	SGT Biochemistry Common disorders associated with nucleotides metabolims (B6.3)
	Tuesday	Biochemistry (L) Metabolism of purine nucleotides (B6.2)		SGT Physiology (P)Energy source of muscle contraction & muscle metabolism.	Anatomy Practical Vessels & Nerves of Thigh Back AN 16.6	SDL - Physiology (P)Types of muscles & differentiating features of muscles. PY3.7
	Wednesday	Anatomy Lecture Hip Joint AN 17.1		ECE Anatomy Complication of Fracture Neck Femur AN 17.5	Physiology VIT with pharma. Action of NMJ blocking drugs & pathophysiology of Myasthenia gravis.PY 3.5,3.6 / SDL - Biochemistry Lab. Results associated with gout (B6.4)	SDL Dislocation of Hip Joint AN 17.3
	Thursday	Anatomy Lecture Popliteal Fossa AN 16.6	Structure of skeletal muscle.PY 3.8 / Lecture Embryology AN 78.5, 79.1	ECE- Biochemistry Clinical Case - -Gout, -Orotic -Aciduria (B6.2)	Anatomy Practical Popliteal Fossa AN 16.6	SGT Biochemistry Lysch Nyhan Syndrome + orotic Aciduria (B6.4)
	Friday	CM2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior (L)	Physiology (L)Excitation contraction couplingPY3.8 / Lecture Muscles of Leg (Anterior) AN 8.3, 8.4	SGT Physiology (P)Energy source of muscle contraction & muscle metabolism.	Anatomy Practical Muscles of Leg (Anterior) AN 16.6	SGT - Physiology WBCs
week11	Saturday	Anatomy Lecture Histology of Lymphoid Tissue AN 70.2	Physiology (L): Molecular basis of muscle contraction-I.PY3.8 / Biochemistry (L) Metabolism of purine nucleotides (B6.2)	AETCOM Anatomy - 1.1 What it means to be a Doctor? Reflections	Anatomy Practical Osteology of Tarsal Bones AN 14.1, 14.2	SGT Osteology Tarsal Bones AN 14.1, 14.2
	Monday	Physiology (L): Molecular basis of muscle contraction-II.PY3.8	Biochemistry (P) Estimation of serum creatinine & calculation of creatinine clearance (B11.7) Physiology (P): Preparation & staining of blood film	Lecture Vessels & Nerves of Ant. Leg AN 18.2	Anatomy Practical Vessels & Nerves of Ant. Leg AN 18.2	SGT Biochemistry Def. Classification of vitamins (B6.5)
	Tuesday	Biochemistry (L) Fat soluble vitamins (A,D,E,K) (B6.5)	Physiology (P)Effect of posture on BP	SGT - Physiology To understand destribution & functioning of Cardiac, skeletal & smooth muscle	Anatomy Practical Revision of Lower Limb Bones	SDL - Physiology (P) Functional anatomy of heart. PY5.1
	Wednesday	Anatomy Lecture Knee Joint AN 18.4		ECE Anatomy Foot Drop AN 18.3	SGT Physiology (P)Isotonic & isometric contraction.PY3.9 / SDL- Biochemistry Deficiency manifestations of fat soluble vitamins (B6.5)	SDL Locking & Unlocking of Knee AN 18.5
	Thursday	Anatomy Lecture Knee Joint AN 18.4	Physiology -(L) Properties of skeletal muscle. PY3.8 / Lecture Embryology AN 79.2, 79.3	ECE- Biochemistry Clinical case:- -Rickets,-Osteomalacia (B6.5)	Anatomy Practical Knee Joint AN 18.4	SGT Biochemistry Enlist water soluble vitamins with structure (B6.5)

Assessment of English - Written test - CCSIT, TMU	F.C.5.5. Computer Skills - Working with Mobile Applications - CCSIT, TMU	
F.C. 4.15. Reflection by Students - Foundation Course Committee		
F.C. 4.8. Yoga & Meditation -		
F.C.4.8. Yoga & Meditation -		
First Sunday	F.C. 3.1-3.3Field Visit to Community Health Center - Department of Community Medicine: Time 10:00am-12:00noon	Sports - Outdoor Events 2:00-6:00pm
Third Sunday	F.C. 3.4 Field Visit to Community Health Center - Department of Community Medicine: Time 10:00am-12:00noon	Sports - Outdoor Events 2:00-6:00pm
Fifth Sunday	F.C. 3.5 Field Visit to Community Health Center - Department of Community Medicine: Time 10:00am-12:00noon	Sports - Indoor Events 2:00-7:00pm
Eigth Sunday	F.C. 3.6 Field Visit to Community Health Center - Department of Community Medicine: Time 10:00am-12:00noon	Sports - Indoor Events 2:00-7:00pm
Eleventh Sunday	Offical Address of Chancellor & White Coat Ceremony	

		Location
	Orientation - 30 Hours	**TMU Auditorium Complex**
	Skill Module - 35 Hours	**Skill Lab and Labs of Pre-clinical & Para-Clinical Departments**
	Field Visit to Community Health Center - 8 Hours	**Community Health Center**
	Professional Development including Ethics - 40 Hours	**Lecture Theater - Medical College / TMU Auditorium**
	Sports & Extracurricular Acitivities - 22 Hours	**Indoor/ Outdoor Sports Area - TMU**

	Friday	CM2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior (P)	Physiology (L) Fast & slow muscle fibers, Length tension relationship, O2 debt. PY3.7	Lecture Muscles of Back of Leg AN 19.1	SGT Physiology (P) Structure , types& properties of smooth muscle, NMJ in smooth muscle PY3.9	Anatomy Practical Muscles of Back of Leg AN 19.1	SGT Physiology (P) Structure & Properties of Cardiac muscle PY3.7
	Saturday	Anatomy Lecture Histology of Bone AN 71.1	Physiology (L) Comparison of skeletal & smooth muscle contraction	Biochemistry (L) Water soluble vitamins (B6.5)	AETCOM Anatomy 1.5 The Cadaver as the First Teacher	Anatomy Practical Muscles of Back of Leg AN 19.1	SGT Knee Joint Injory Osteoarthritis AN 18.6, 18.7
	Monday	Physiology (L) Functional anatomy of Heart.PY5.1	Biochemistry (P) Estimation of serum protein, albumin & A/G ratio (B11.8) Physiology (P): Preparation & staining of blood film Physiology (P)Effect of posture on BP		Lecture Vessels & Nerves of Back of Leg AN 19.2	Anatomy Practical Vessels & Nerves of Back of Leg AN 19.2	SGT Biochemistry RDA+Dietary sources of vitamins (B6.5)
	Tuesday	Biochemistry (L) Water soluble vitamins (B6.5)			SDL - Physiology Understanding structure & conducting system of heart.PY5.1	Anatomy Practical Surface Anatomy of Lower Limb AN 20.7	SGT - Physiology. Properties of skeletal muscle.PY 3.7
	Wednesday	Anatomy Lecture Arches of Foot AN 19.5			ECE Anatomy Rupture of Calcaneal Tendon AN 18.3	ECE Physiology (P) Defination , indication & leads of ECG py5.5 / SDL - Biochemistry Deficiency manifestations of water soluble vitamins (B6.5)	SDL Peripheral Heart AN 19.3
week 12	Thursday	Anatomy Lecture Ankle Joint & Joints of Foot AN 20.1, 20.2	Physiology (L) Mechanical properties of heart - Cardiac cycle..PY 5.3	Lecture Embryology AN 79.4, 79.6	ECE- Biochemistry Clinical case- -Scurvy--Beri-Beri etc. (B6.5)	Anatomy Practical Ankle Joint AN 20.1	SGT Biochemistry RDA Water soluble vitamins (B6.5)
	Friday	CM2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior (P)	AETCOM - Community Medicine 1.4 - The Foundation of Communication		SGT Physiology (P) Correlation of ECG & JVP with cardiac cycle.PY 5.3	Anatomy Practical Radiologyical Anatomy of Lower Limb AN 20.6	SGT Physiology (P) Normal ECG waves, segments and intervals PY5.3
	Saturday	Anatomy Lecture Histology of Cartilage AN 71.2	Physiology (L) Pressure & volume changes during cardiac cycle. Heart sounds & abnormalitie. PY5.3	(SGT) Coenzyme role of water soluble vitamins (B6.5)	AETCOM SDL - The Doctor-Patient relationship	Anatomy Practical Palpation of Vessels of Lower Limb AN 20.8	SGT Flat & Clut Food Metatarsalgia AN 19.6, 19.7
	Monday	Physiology (L) Conducting system and generation & conduction of cardiac impulse PY5.5	Biochemistry (P) Estimation of Serum cholesterol & HDL cholesterol (B11.9) Physiology (P) Identification of blood cells & DLC. Physiology (P) Effect of different grades of exercise on pulse & BP. PY5.12		Lecture Venous & Lymphatic Drainage AN 20.3, 20.10	Anatomy Practical Venous & Lymphatic Drainage AN 20.3	SGT Biochemistry Disorders associated with water & electrolyte balance (B6.7)
	Tuesday	Biochemistry (L) Water & Electrolyte and Balance (B6.7)			SDL - Physiology Conducting system, generation & conduction of cardiac impulse	Anatomy Practical Revision AN 20.3	SGT Physiology (P) Electrophysiology of heart
	~~Wednesday~~	Anatomy Lecture Embryology AN 80.1			ECE Anatomy Varicose Veins AN 20.5	SGT Physiology (P) Normal ECG / Lecture - Biochemistry Body buffers & pH maintenance (B6.7)	SDL Enlarged Inguinal Lymphnodes AN 20.4
week 13	Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm / 3:00-4:00pm	4:00-5:00pm
	Thursday	Anatomy Lecture Histology of Skin AN 72.1	Physiology (L) Normal ECG & interpretation PY5.5	Lecture Introduction of Thorax AN 21.3	ECE- Biochemistry Clinical case discussion Dehydration - Overhydration - Acidosis & Alkalosis (B6.7)	Part Completion Test Lower Limb	SGT Biochemistry Disorders associated with acid- base balance (B6.8)
	Friday	CM2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease (L)	Physiology (L) Applied - MI, Heart blocks, effects of electrolyte imbalance on ECG PY5.5	Lecture Intercostal Muscles AN 21.4	ECE - Physiology (P) Interpretation of normal ECG& clinical corelates with abnormal ECG record.PY 5.5	Anatomy Practical Osteology of Typical Rib AN 21.1	SGT - Physiology. Immunity
	Saturday	Anatomy Lecture Typical Intercostal Nerve AN 21.5	Physiology (L) haemodynamics I.PY 5.7	Biochemistry (L) Acid Base Balance (B6.7)	SGT Osteology of Sternum AN 21.1	Anatomy Practical Intercostal Muscle & Nerve AN 21.1	SGT Osteology of Sternum AN 21.1

First Terminal - WEEK 14-15

Students would be divided into three groups for feedback session (Group A, B and C) and will be attending the session in Department of Anatomy, Physiology and Biochemistry of 2 hours each (On Saturdayof 15th Week)

	Enhancement of Language /Computer Skills - 40 Hours	**Engineering College - Computer Lab & Other Areas**

week 16	Monday	Physiology (L) haemodynamics II. PY 5.7	Biochemistry (P) Estimation of serum TG's (B11.10) Physiology (P) Identification of blood cells & DLC	Lecture Intercostal Vessels AN 21.6, 21.7	Anatomy Practical Osteology of A typical Ribs AN 21.1	SGT Biochemistry Classification of Minerals (B6.9)
	Tuesday	Biochemistry (L) Minerals Ca,P, (B6.9)	Physiology (P) Effect of different grades of exercise on pulse & BP. PY5.12	AETCOM Physiology 1.2 - What it means to be a patient?	Anatomy Practical Osteology of Vertebral AN 21.1	SDL - Physiology (P) Components & functions of vascular system, Peripheral resistance
	Wednesday	Anatomy Lecture Joints of Thorax AN 21.8, 21.10		ECE Anatomy Types of Respiration AN 21.9	SGT Physiology (P) Cardiac output - definition & measurement / SDL- Biochemistry Minor Minerals-I (B6..8)	Mechanism of Respiration AN 21.9
	Thursday	Anatomy Lecture Mediastinum AN 21.11	Physiology (L) Cardiac output - I PY 5.9 / Lecture Umbilical Cord AN 80.2, 80.7	SGT Biochemistry ABG analysis (B6.8)	Anatomy Practical Joints of Thorax AN 21.1	SGT Biochemistry Minor Minerals-II & their metabolism (B6.8)
	Friday	CM2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease (L)	Physiology (L) Cardiac output - II PY 5.9 / Lecture Pericardium AN 22.1	SGT Physiology (P) Regulation of cardiac output. PY 5.9	Anatomy Practical Pericardium AN 22.1	SDL- Physiology (P) Corelation of ECG with cardiac events. PY 5.5
	Saturday	Anatomy Lecture Placenta AN 80.3, 80.5	Physiology (L) Cardiac output - III PY 5.9 / Biochemistry (L) Minerals Fe, Cu, Zn (B6.9)	SGT Twins AN 80.4, 80.6	Anatomy Practical Revision	SGT Twins AN 80.4, 80.6
week 17	Monday	Physiology (L) Local & systemic-chemical & neural regulation of Heart I PY5.9	Biochemistry (P) Estimation of serum Bilirubin (B11.12) Physiology (P): Revision	Lecture External Features of Heart AN 22.2	Anatomy Practical External Features of Heart AN 22.2	SGT Biochemistry Disorders associated with minerals metabolism (B6.10)
	Tuesday	Biochemistry (L) Minerals I,Fl, Na, K, Cl (B6.8)	Biochemistry (P) Estimation of serum Bilirubin (B11.12) Physiology (P): Revision	SGT- Physiology Cardiac output	Anatomy Practical Surface Anatomy of Heart AN 25.9	SGT Physiology (P) Blood pressure - definition, types, factors affecting it
	Wednesday	Anatomy Lecture Coronary Circulation AN 22.3		ECE Anatomy Ischaemic Heart Disease AN 22.4	SGT Physiology (P) Determinants of BP. PY 5.9 / SDL - Biochemistry RDA of Minerals (B6.9)	SDL Methods of Prenatal Diagnosis AN 21.9
	Thursday	Anatomy Lecture Development of Heart AN 25.2	Physiology (L) Local & systemic-chemical & neural regulation II PY5.9 / Lecture Coronary Circulation AN 22.3	ECE- Biochemistry Clinical cases related to Mineral deficiencies (B6.10)	Anatomy Practical Coronary Circulation AN 22.3	SGT Biochemistry Disorders associated with minerals metabolism (B6.10)
	Friday	CM2.5 Describe poverty and social security measures and its relationship to health and disease (L)	Physiology (L) Short term regulation of BP PY 5.9 / Lecture Development of Heart AN 25.2	SGT - Physiology (P) Long term regulation of BP. PY 5.9	Anatomy Practical Coronary Circulation AN 22.3	SGT - Physiology. Regulation of heart rate .PY 5.9
	Saturday	Anatomy Lecture Fetal Circulation AN 25.3	Physiology (L) Hypovolumic shock / SGT functions of various minerals (B6.9)	SGT Fibrous Skeleton of Heart AN 22.6	Anatomy Practical Models of Heart Development	SGT Fibrous Skeleton of Heart AN 22.6
week 18	Monday	Physiology (L) Shock	Biochemistry (P) Estimation of serum SGPT/ SGOT (B11.13) Physiology (P): Revision & Assessment	Lecture Coronary Sinus AN 22.5	Anatomy Practical Coronary Sinus AN 22.5	SGT Biochemistry Porphyrias and diagnosis (B6. 11)
	Tuesday	Biochemistry (L) Heme synthesis (B6.11)		SGT- Physiology Management & treatment of shock.	Conducting System of Heart AN 22.7 / VSD, ASD AN 25.4	SDL - Physiology (P) Events of cardiac cycle. PY 5.3
	Wednesday	Anatomy Lecture Esophagus & Thoracic Duct AN 23.1, 23.2		ECE Anatomy Ischaemic Heart Disease AN 22.4	SGT Physiology (P) Determinants of BP. PY 5.9 / SDL - Biochemistry RDA of Minerals (B6.9)	SGT Fibrous Skeleton of Heart AN 22.6
	Thursday	Anatomy Lecture Esophagus & Thoracic Duct AN 23.1, 23.3	Physiology (L) Heart failure / Lecture Development of Aortic Arch AN 25.5	ECE- Biochemistry Clinical case - Jaundice D/D (B6.11)	Anatomy Practical Esophagus AN 23.1	SGT Biochemistry Lab. Diagnosis of Jaundice (B6.11)
	Friday	CM9.1 Define and describe the principles of Demography, Demographic cycle, Vital statistics (L)	CM9.2 Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates (P) / CM9.5 Describe the methods of population control (P)	ECE - Physiology (P) Correlation of cardiac cycle with H.S. venous pulse & ECG. PY 5.3	Anatomy Practical Tharocic Duct AN 23.2	SDL - Physiology (P) Applied aspects of ECG . PY 5.6
	Saturday	Anatomy Lecture SVC, Azygos, Hemiazygos AN 23.3	Physiology (L) Coronary circulationPY5.10 / Lecture Splanctinic Nerves AN 23.6, 23.7	SDL/AETCOM/ECE- Biochemistry/ Physiology Pathological relevance of Hemoglobin (B6.12)	Anatomy Practical SVC, Azygos, Hemiazygos AN 23.3	SGT Biochemistry Derivatives of hemoglobin (B6.12)
	Monday	Physiology (L) Functions of respiratory tract . PY6.1	Biochemistry (P) Estimation of serum ALP (B11.14) Physiology (P)Study of Haemocytometer & its uses Physiology (P)General examination of given subject.	Lecture Pleura AN 24.1	Anatomy Practical Surface Marking of Pleura & Lung AN 25.9	SGT Biochemistry Deffiernt form of Hemoglobin (B6.12)
	Tuesday	Biochemistry (L) Hemoglobin structure & functions (B6.12)		AETCOM - Physiology 1.2 What it means to be a Patient?	Anatomy Practical Pleura AN 24.1	SDL - Physiology (P) Lung vol & capacities PY6.7

week 19	Wednesday	Anatomy Lecture Root of Lung AN 24.2			ECE Anatomy Chest Xray AN 25.7	SGT Physiology (P)Dead space - Types &methods to measure it.	AETCOM Biochemistry 1.3 - The Doctor-Patient Relationship	SDL Barium Swallow AN 25.8
	Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm
	Thursday	Anatomy Lecture Broncho pulmonary Segment & Lung AN 24.3, 24.5	Physiology (L) Structure of alveolus, surface tension & surfactant PY 6.2	Lecture Phrenic Nerve AN 24.4	AETCOM Biochemistry 1.3 -The Doctor-Patient Relationship	Anatomy Practical Lung AN 24.3, 24.5		SGT Biochemistry (P)
	Friday	CM3.1 Describe the health hazards of air, water, noise, radiation and pollution (L)	Physiology (L) Lung compliance & airways resistance PY 6.2	Lecture Phrenic Nerve AN 24.5	SGT Physiology (P) Interpretation & Clinical significance of lung vol & capacities PY 6.2	Anatomy Practical Phrenic Nerve AN 24.4		SDL Physiology (P)Dead space . PY 6..1
	Saturday	Anatomy Lecture Trachea AN 24.6	Physiology (L) Mechanism of respiration PY 6.2	Biochemistry (L) Heme Degradation & Jaundice (B6.11)	AETCOM - Enumerate and describe professional qualities and role of Physician	Anatomy Practical Revision		SGT Histology of Lung & Trachea AN 25.1
week 20	Monday	Mechanics of respiration PY6.2	Biochemistry (P) Principle of colorimetry (B11.6) Physiology(p) Total leucocyte count Physiology (P) Clinical exam. Of CVS		Lecture Development of Lung AN 25.2	Anatomy Practical Revision		SDL- Biochemistry Disorders of Carbohydrate metabolism (B3.10)
	Tuesday	Biochemistry (L) Metabolism of pyrimidine nucleotides (B6.2)			SDL - Physiology Advanced techniques for Lung function assesment PY 6.2	Part Completion Test Thorax		SGT Physiology (P) Composition of atmospheric air, inspired air, alveolar air & expired air & concept of
	Wednesday	Anatomy Lecture Scalp AN 27.1			SGT Anatomical Planes of Skull Membranous Ossification AN 26.1, 26.6	SGT Physiology (P)Dead space - Types &methods to measure it.	AETCOM Biochemistry 1.3 - The Doctor-Patient Relationship	SGT Anatomical Planes of Skull Membranous Ossification AN 26.1, 26.6
	Thursday	Anatomy Lecture Scalp AN 27.2	Physiology - Revision - Mechanism & mechanics of respiration. PY 6.3	Biochemistry (L) Heme Degradation & Jaundice (B6.11)	AETCOM Biochemistry 1.3 -The Doctor-Patient Relationship	Anatomy Practical Norma Verticals AN 26.4		SDL- Biochemistry Disorders of Carbohydrate metabolism (B3.10)
	Friday	CM2.5 Describe poverty and social security measures and its relationship to health and disease (L)	Physiology (L) Cutaneous ciculation	Lecture Thoracic Sympathetic Chain AN 23.5	ECE - Physiology (P)Shock ,Heart failure, Hypertension.	Anatomy Practical Thoracic Sympathetic Chain AN 23.5		SGT Physiology (P) - Heart rate regulation
	Saturday	Anatomy Lecture Arch of Aorta AN 23.4	Physiology (L) Functional Anatomy respiratory tract I PY 6.1	Biochemistry (L) Haemoglobion pathies (B6.12)	SGT Congenital A nomalis of Blood Vessels AN 25.5	Anatomy Practical Revision of Bones of Thorax		SGT Congenital A nomalis of Blood Vessels AN 25.5
	Monday	Physiology (L) - Pulmonary circulation. PY 6.2	Biochemistry (P) Principle of colorimetry (B11.6) Physiology(p) Total leucocyte count Physiology (P) Clinical exam. Of CVS		Lecture Muscles of Face AN 28.1, 26.6	Anatomy Practical Norma Frontalis AN 26.1		SGT Biochemistry Bilirubin and its fractions (B6.13)
	Tuesday	Biochemistry (L) Liver function tests-1 (B6.13)			AETCOM - Physiology 1.2 SDL - What does it mean to be a patient?	Anatomy Practical Muscles of Face AN 28.1		SGT Physiology (P)ECG
	Wednesday	Anatomy Lecture Sensory & Motor Supply of Face AN 28.2, 28.4			ECE Anatomy Facial Nerve Palsy AN 28.7	SDL Physiology Understanding of different types of hypoxia & their manifestations PY6.3	Biochemistry (L) Kidney function tests (B6.13+ B6.14)	SDL Emissary Veins AN 27.2
week 21	Thursday	Anatomy Lecture Parotid Gland AN 28.9	Physiology (L) Ventillation perfusion ratio & diffusion capacity of lungs PY6.2	Lecture Classification of Chromosomes AN 73.1	ECE- Biochemistry Clinical case:- Types of Jaundice (B6.13)	Anatomy Practical Facial Vessels & Nerve AN 28.1, 28.5		SGT Biochemistry Liver enzymes (B6.13)
	Friday	CM3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting (P)	Physiology (L) Transport of oxygen PY6.3	Lecture Classification of Chromosomes AN 73.2	SDL- Physiology (P) Oxygen dissociation curve & factors affecting dissociation of Oxygen PY6.3	Anatomy Practical Parotid Gland AN 28.9		SGT Physiology (P) O2 transport
	Saturday	Anatomy Lecture Muscles of Neck AN 29.1, 29.4	Physiology (L) Transport of carbondioxide PY6.3	Biochemistry (L) Liver function Tests-2 (B6.13)	SDL Emissary Veins AN 27.2	Anatomy Practical Muscles of Neck AN 29.1, 29.4		SGT Frey's Syndrome AN 26.1, 26.6

week 22	Monday	Physiology (L) Hypoxia PY6.3	Biochemistry (P) Principle of colorimetry (B11.6) Physiology(p) Total leucocyte count Physiology (P) Clinical exam. Of CVS		Lecture Anterior Triangle 1 AN 32.1	Anatomy Practical Norma Lateralis AN 26.1	SGT Biochemistry Adrenal glands & function tests (B6.13 & B6. 14)
	Tuesday	Biochemistry (L) Liver function tests-1 (B6.13)			ECE Anatomy Facial Nerve Palsy AN 28.7	Anatomy Practical Norma Lateralis AN 26.2	SGT Physiology (P)Hypoxia
	Wednesday	Anatomy Lecture Anterior Triangle of Neck AN 32.2			ECE Anatomy Frb's Klumpke's Paralysis, Wry Neck AN 29.2, 29.3	SGT Physiology (P) Respiratory centers Lecture - Biochemistry Gastric analysis (B6.13 & B6.14)	SDL Amniocentesis Chorion Villus Sampling AN 81.2, 81.3
	Thursday	Anatomy Lecture Dural Folds AN 30.2	Physiology (L) Neural regulation of respiration I	Lecture Phoryngeal Arches 1	ECE- Biochemistry Clinical Case discussion Renal profile (B6.13 & B6.14)	Anatomy Practical Anterior Triangle of Neck AN 32.1, 32.2	SGT Biochemistry pancreatic function tests (B6.13 & B6.14)
	Friday	CM3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting (P)	Physiology (L) Neural regulation of respiration II	Lecture Dural Venous Sinuses AN 30.2	ECE - Physiology (P) Pathophysiology of dyspnoea, asphyxia, drowning, cyanosis PY6.6	Anatomy Practical Cranial Fossa 1 AN 30.1, 30.2	SGT Physiology (P)Hypoxia
	Saturday	Anatomy Lecture Pharyngeal Arches 2	Physiology (L) Chemical regulation of respiration	Biochemistry (L) Thyroid function tests (B6.13 + B6. 14)	SDL Amniocentesis Chorion Villus Sampling AN 81.2, 81.3	Anatomy Practical Cranial Fossa 2 AN 30.1, 30.2	SGT Clinical Importance of Dural Venous Sinus AN 30.4
week 23	Monday	Physiology (L) Chemical regulation of respiration	Biochemistry (P) Estimation of Ca & P (B11.11) Physiology(p) Total leucocyte count Physiology (P): Recording & interpretation of normal ECG		Lecture Dural Venous Sinus AN 30.2	Anatomy Practical Dural Venous Sinus AN 30.2	SGT Biochemistry Derangements in liver function (B6.15)
	Tuesday	Biochemistry (L) Structure & functions of DNA & RNA (B7.1)			SGT Physiology. Grades of muscular exercise & oxygen debt PY3.15	Anatomy Practical Norma Basalis AN 26.1	SGT Physiology (P) Neural regulation of respiration.
	Wednesday	Anatomy Lecture Extra Occular Muscles AN 31.1			ECE Anatomy Pituitary Tumors on Visual Pathway AN 30.5	ECE - Physiology (P)Periodic breathing - PY6.6 SGT-Biochemistry Derangements in thyroid function (B6.15)	SDL Horner's Syndrome AN 31.3
	Thursday	Anatomy Lecture Vessels & Nerves of Orbit AN 31.2	Physiology (L) Cardiorespiratory & other systemic changes during muscular exercise & oxygen debt.PY3.15	Lecture Lacrimal Apparatus AN 31.4	SGT- Biochemistry Derangements in adrenal function (B6.15)	Anatomy Practical Norma Basalis AN 26.1 Muscles, Vessels & Nerves of Eyeball AN 31.1, 31.2	SGT Biochemistry Derangements in pancreatic function (B6.15)
	Friday	CM3.3 Describe the etiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases (L)	AETCOM -Community Medicine 1.4 - Foundatio of Communication		SGT Physiology (P) Artificial respiration PY 6.5	Anatomy Practical Norma Occipitalis AN 26.1	SDL - Physiology (P) CO2 transport CO2 dissociation curve.
	Saturday	Anatomy Lecture Temporal & Infratemporal Fossa AN 33.1	Physiology (L) General organisation of excretory system & functions of kidney PY7.1	Biochemistry (L) Cell cycle & cell cycle regulators (B7.1)	ECE Anatomy Clinical Importance of Pterygoid Venous Plexus AN 33.4	Anatomy Practical Norma Basalis AN 26.1	SGT Stabis Muscles AN 31.5
	Monday	Physiology(L) Oxygen therapy & its effects PY6.5	Biochemistry (P) CSF Analysis (B11.15) Physiology (P)TLC Physiology (P)Recording & interpretation of normal ECG PY5.13		Lecture Muscles of Mastication AN 33.2	Anatomy Practical Temporal & Infratemporal Fossa AN 33.1	SGT Biochemistry DNA organization in cell (B7.2)
	Tuesday	Biochemistry (L) DNA replication mechanism (B7.2)			ECE Physiology- Indication & Demonstration of different methods ofartificial respiration- I PY6.5	Anatomy Practical Osteology of Mandible AN 26.1	SGT Physiology (P) Artificial respiration PY 6.5

week 24	Wednesday	Anatomy Lecture Mandibular Nerve AN 33.2			ECE Anatomy Clinical Importance of Pterygoid Venous Plexus AN 33.4	ECE Physiology- Demonstration of different methods ofartificial respiration on Dummy- II PY6.5	SDL - Biochemistry Enlist key enzymes of DNA replication (B7.2)	SDL Karyotyping AN 73.2
	Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm
	Thursday	Anatomy Lecture Temporomandibular Joint AN 33.3	Physiology (L) Renal blood circulation	Lecture Modes of Inheritance AN 74.1, 74.2, 74.3	Lecture- Biochemistry Regulation of cell cycle and its relation with DNA replication (B7.2)	Anatomy Practical Muscles of Mastication AN 33.2		SGT Biochemistry Inhibitors of DNA replication (B7.2)
	Friday	CM3.3 Describe the etiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases (L)	Physiology (L) Renal blood circulation	Lecture Modes of Inheritance AN 74.1, 74.2, 74.4	SGT Physiology (p) Peculiarities of renal circulation	Anatomy Practical TMJ AN 33.3 1st & 2nd Cervical Vertebra AN 26.1		SGT - Phygiology Endocrinal functions of kidney . PY 7.1
	Saturday	Anatomy Lecture Submandibular Gland AN 34.1	Physiology (L) Glomerular filtration & factors affecting GFR. PY 7.3	Biochemistry (L) DNA repair mechanism (B7.2)	SDL Karyotyping AN 73.2	Anatomy Practical Submandibular Gland AN 34.1		SGT Dislocations of TMJ AN 33.5
	Monday	Physiology (L) Structure & functions of Juxtaglomerular apparatus & Renin - Angiotensin system. PY 7.2	Biochemistry (P) Demonstrotions of Agarose/ PAGE Electrophoresis (B11.16) Physiology (P)TLC Physiology (P)Clinical examinatiun of RS		Anatomy Lecture Submandibular Ganglion AN 34.1	Anatomy Practical Cervical Vertebrae AN 26.1		SGT Biochemistry Enlist diseases due to gene mutations (B7.3)
	Tuesday	Biochemistry (L) Mutations (B7.3)			AETCOM Physiology 1.2 - SDL - What does it mean to be a patient?	Anatomy Practical Revision of Skull		SGT Physiology Glomrrular filtration rate & filtration fraction.PY7.3
	Wednesday	Anatomy Lecture Deep Cervical Fsacia AN 35.1			ECE Anatomy Submandibular Stones AN 34.2	ECE - Physiology (P) Visit to ward to see patients of CCF ,LVF ,IHD. PY 5.8, 5.9	SDL - Biochemistry Details of mutations (B7.3)	SDL Lyon's hypothesis AN 73.2
week 25	Thursday	Anatomy Lecture Thyroid Gland AN 35.2	Physiology (L) Tubular reabsorption & secretion.I PY 7.3	Lecture Development of Thyroid & Pitutary Gland AN 43.4	SDL- Biochemistry Mutations & Cancer (B7.3)	MI.		SGT Biochemistry Types of mutations responsible for various diseases (B7.3)
	Friday	CM3.3 Describe the etiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases (P)	Physiology (L) Tubular reabsorption & secretion.II PY 7.3	Lecture Subclavian Artery AN 35.3	SGT Physiology (P) Tubular reabsorption & secretion.III PY 7.3	Anatomy Practical Subclavian Artery AN 35.3		SDL- Physiology (P) Concept of clearance & its significance in renal function tests.PY 7.4
	Saturday	Anatomy Lecture Internal Jugular Brachiocepnalic AN 35.4	Physiology (L) Formation of dilute & concentrated urine I PY 7.3	Biochemistry (L) Regulation of gene expression in prokaryotes (B7.3)	AETCOM - Enumerate and describe professional qualities and role of Physician	Anatomy Practical Internal Jugular Brachiocephalic AN 34.4		SGT Clinical Features of Diseases AN 74.4
	Monday	Physiology (L) Formation of dilute & concentrated urine II PY 7.3	Biochemistry (P) Demonstration of paper chromatography (B11.16) Physiology (P): RBC COUNT Physiology (P): Clinical examination of RS PY 6.9		Anatomy Lecture Cervical Sympathetic Chain AN 35.6	Anatomy Practical Cervical Sympathetic Chain AN 35.6		SGT Biochemistry Applications of Recombinant DNA Technology (B7.4)
	Tuesday	Biochemistry (L) Regulation of gene expression is eukaryotes (B7.3)			AETCOM Physiology 1.2 - SDL - What does it mean to be a patient?	Anatomy Practical Micro-anatomy of Pitutary, Thyroid & Parathyroid Glands AN 43.2		SGT Physiology (P) Tubuloglomerular feedback & tubular functions. PY7.3
	Wednesday	Anatomy Lecture Glossopharyngal Nerve AN 35.7			ECE Anatomy Cervical Lymph Nodes AN 35.5	SDL Physiology (P) To understsnd arrangement of counter current system & functionPY 7.3	SDL - Biochemistry Terms- Vectors + Types Palindromes restriction endonucleases	SDL Thyroid Swellings AN 35.8
week 26	Thursday	Anatomy Lecture Vagus Nerve AN 35.7	Physiology (L) Concept of renal clearance &clearance tests I PY 7.4	Lecture Chromosomal Abberations AN 75.1	Lecture- Biochemistry Therapeutic uses of Recombinant DNA Technology (B7.4)	Anatomy Practical Micro-anatomy of Tongue, Salivary Gland, Tonsils, Epiglinis AN 43.2		SGT Biochemistry Types & Nomenclature of Restriction Endonucleases (B7.4)
	Friday	CM3.3 Describe the etiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases (P)	Physiology (L) Renal clearance tests.II PY7.4	Lecture XI & XII Nerve AN 35.7	SDL - Physiology - Buffer sustems in kidney . PY 7.5	Anatomy Practical Micro-anatomy of Cornea, Retina, Ocfactory, Eyelid, Lip AN 43.2		SGT Physiology (P) Mechanism of Concentrated or dilute urine formation. PY 7.3
	Saturday	Anatomy Lecture Soft Palate AN 36.1	Physiology (L) Renal regulation of fluid, electrolyte & acid base balance & imbalance related disordersPY7.5	Biochemistry (L) Recombinant DNA technology (B7.4)	SDL Thyroid Swellings AN 35.8	Anatomy Practical Micro-anatomy of Sclero-corneal, Optic Nerve, Organ of Cortipineal Gland AN 43.2		SGT Fascial Spaces of Neck AN 35.10
	Monday	Physiology (L) Innervation of Urinary bladder, Physiology of micturition PY 7.6	Biochemistry (P) Demonstration of ECISA/ELFA/Immunological Assays (B11.16) Physiology (P): Demonstration of Haematocrit, ESR Pulmonary function tests PY 6.8		Anatomy Lecture Tonsils, Woldeyer Lymphatic AN 36.1, 36.2	Anatomy Practical AN 43.5		SGT Biochemistry Requirments of PCR (B7.4)

week 27	Tuesday	Biochemistry (L) PCR technique (B7.4)	Biochemistry (P) Demonstration of ECISA/ELFA/Immunological Assays (B11.16) Physiology (P): Demonstration of Haematocrit, ESR Pulmonary function tests PY 6.8		SDL Physiology Understanding clinical significance of renal function tests. PY 7.8	Anatomy Practical AN 43.6	SGT Physiology (P) - Demonstration of correct technique to measure peak expiratory flow rate PY6.10
	Wednesday	Anatomy Lecture Nasal Septum AN 37.1			ECE Anatomy AN 35.9	SDL Physiology (P Calculating the GFR, RBF, urea	ECE - Biochemistry Demonstration of	SDL AN 36.4
	Thursday	Anatomy Lecture Lateral Wall of Nose AN 37.1	Physiology (L) Abnormalities of micturation, Cystometry & normal cystometrogram. PY 7.9	Lecture Development of Face, Palate, Tongue AN 43.4	ECE- Biochemistry Blotting techniques (B7.4)	Anatomy Practical Nose AN 37.1		SGT Biochemistry Applications of PCR (B7.4)
	Friday	CM3.4 Describe the concept of solid waste, human excreta and sewage disposal - SDL	AETCOM Community Medicine 1.4 - The Foundation of Communication		ECE - Physiology . Significance & clinical correlation of urine examination. PY7.8	Anatomy Practical AN 43.7		SGT Physiology (P) Introduction, structure & functions of digestive system
	Saturday	Anatomy Lecture Para-nasal Sinus AN 37.2, 37.3	Physiology (L) Renal function tests I PY 7.8	SGT Biochemistry Principle of Immuno assay (B11.16)	AETCOM Demosntarte empathy in patient encounter	Anatomy Practical AN 43.8, 43.9		SGT pyriform Fossa Killan's Dehiscence AN 36.3, 36.5
week 28	Monday	Physiology (L) Renal function tests I PY 7.8	Biochemistry (P) Working of ISE in Chemical lab (Demonstration) (B11.16) Physiology (P): Demo.of Fragility of RBCS Physiology (P) To Record Respiratory movements.		Anatomy Lecture Para-nasal Sinus AN 37.2, 37.3	Anatomy Practical AN 43.8, 43.9		SGT Biochemistry Details of conjugating agents in detoxification (B7.5)
	Tuesday	Biochemistry (L) Phase I Reactions of Xenobiotics (B7.5)			ECE Physiology Principle of artificial kidney, dialysis & renal transplantation PY7.7	Anatomy Practical Atlanto-occipital, Atlanto-axial joint AN 43.1		SGT Physiology (P) Diuresis & diuretics. PY 7.5
	Wednesday	Anatomy Lecture Larynx AN 38.1			ECE Anatomy AN 38.2, 38.3	SGT Physiology (P) Applied aspect of salivary secretion, deglutition reflex & Aspiration PY 4.2	Lecture - Biochemistry Cytochrome P450 + its role (B7.5)	SDL Hyoglossal Nerve Palsy AN 39.2
	Thursday	Anatomy Lecture Larynx AN 38.1	Physiology (L) Functional anatomy of stomach, composition of gastric juice, functions of stomach PY4.2	Lecture External & Middle Ear AN 40.1, 40.2	SDL- Biochemistry Purpose/ Need of Detoxification (B7. 5) (Dr. Anil Kumar)	Anatomy Practical External & Middle ear AN 40.1, 40.2		SGT Biochemistry Details of conjugating agents in detoxification (B7.5)
	Friday	CM3.4 Describe the concept of solid waste, human excreta and sewage disposal (P)	Physiology (L) Phases & regulation of gastric juice secretion PY4.2	Lecture Internal Ear, Auditory Tube AN 40.2, 40.3	SGT Physiology (P) Gastric motility & gastric emptying PY 4.2	Anatomy Practical Vertebral Canal	Contents of AN 42.1	SGT Physiology (P)Micturition & applied. PY 7.6
	Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm
week 29	Saturday	Anatomy Lecture Eye ball AN 41.1, 41.2, 41.3	Physiology (L) Mechanism & regulation of HCl secretion & applied - peptic ulcer PY4.9	Biochemistry (L) Phase II reactions of Xenobiotics (B7.5)	AETCOM Demosntarte empathy in patient encounter	Anatomy Practical Sub-occipital Triangle AN 42.2,, 42.3		SGT AN 40.4, 40.5
	Monday	Physiology (L) Composition, functions & regulation of Pancreatic juice & applied PY4.2	Biochemistry(P) Quality control exercise (B11.16) Physiology (P)Demo. Of platelet count. Physiology (P)Examination of sensory system.		Anatomy Lecture Genetics AN 75.2, 75.3	Revision		SGT Biochemistry List the ROS (B7.7)
	Tuesday	Biochemistry (L) Oxidative stress and Antioxidant Defence systems in the body (B7.6 & B7.7)			AETCOM Physiology 1.2 What it means to be a Patient?	Part Completion Test (Head & Neck		SGT - Physiology. Functions & actions of Saliva. PY4.2
	Wednesday	Anatomy Lecture Meninges AN 56.1			ECE Anatomy Spinal Cord AN 38.2, 38.3	SGT Physiology (P) GIT hormones & their actions PY 4.5	SDL - Biochemistry Pathogenesis of cancer oxidative stress (B7.7)	SDL Polymorphism & Mutation AN 75.4
	Thursday	Anatomy Lecture CSF Circulation AN 56.2	Physiology (L) Structure & functions of liver PY 4.2	Lecture Spinal Cord AN 57.1 - 57.3	ECE- Biochemistry/ Clinical case Discussion:- Cancer Diabetes mellitus Atherosclerosis (B7.7)	Anatomy Practical Spinal Cord AN 57.1 - 57.4		SGT Biochemistry Pathogenesis of Diabetes mellitus Artherosclerosis giving emphasis to oxidative stress (B7.7)
	Friday	CM3.4 Describe the concept of solid waste, human excreta and sewage disposal (P)	Physiology (L) Composition, functions & regulation of bile PY4.2	Lecture Spinal Cord AN 57.4	SGT Physiology (P) Structure & functions of gall bladder, applied- gall stones PY 4.2, 4.7	Anatomy Practical Micro-anatomy of Dpinal Cord, Cerebrum & Cerebellum AN 64.1		SGT Physiology (P) Secretion of HCL & Applied. Py 4.9

Saturday	Anatomy Lecture External Features of Brain Stem AN 58.1, 59.1, 61.1	Physiology (L) Composition & functions Of succus entericus PY4.2	Biochemistry (L) Importance of various dietary components + Importance of diertary fibre (B7.6 & B7.7)	AETCOM Demosntarte empathy in patient encounter	Anatomy Practical External Features of Brain Stem AN 58.1, 59.1	SGT Genetic Counselling AN 75.5
Week 30-31 - 2nd Terminal Exam						
Students would be divided into three groups for feedback session (Group A, B and C) and will be attending the session in Department of Anatomy, Physiology and Biochemistry of 2 hours each (On Saturdayof 31st Week)						
Monday	Physiology (L) Movements of small intestine & applied PY 4.3	Biochemistry (P) Evaluation of lipid profile for dyslipidemias (B11.17) Physiology (P)Demonstration of reticulocyte count Physiology (P)Examination of Peripheral sensations		Anatomy Lecture Transverse Section of Medulla AN 58.2, 58.3	Revision	SGT Biochemistry Types of dietary Fibres egs. (B8.1)
Tuesday	Biochemistry (L) PEM:- types, causes & effects (B8.2)			HIT Physiology & Biochemistry - Liver function tests PY 4.8	Revision	ECE - Physiology (P) Peptic ulcer & other gastric function related disorders.PY 4.2
Wednesday	Anatomy Lecture Internal Features of Pons & Midbrain AN 59.2, 59.3, 61.1, 61.2			ECE Anatomy Medial & Lateral Medullary Syndrome AN 58.4	SGT Physiology (P) Gastric & pancreatic exocrine function tests PY 4.8 / SGT - Biochemistry Identify PEM types with the help of pictures differences B/W Kwashiorkor & Marasmus (B8.2)	SDL Open Neural Tube Defects AN 64.3
Thursday	Anatomy Lecture Cerebellum AN 60.1, 60.2	Physiology (L) Secretions & functions of large intestine PY 4.3	Lecture Development of Brain & Spinal Cord AN 64.2	ECE- Biochemistry Clinical Case:- Kwashiorkor Marasmus (B8.2)	Anatomy Practical Cerebellum AN 60.1	ECE - Biochemistry Differences b/w kwashiorkor & marasmus (B8.2)
Friday	CM3.5 Describe the standards of housing and the effect of housing on health (L)	Physiology (L) GIT movements, defecation reflex & dietary fibres PY 4.3	Lecture Cerebrum AN 62.2	ECE - Physiology (P) Gastroesophageal reflux disease, diarrhoea, vomiting, constipation, adynamic ileus & Hirschsprung disease PY 4.9	Anatomy Practical Cerebrum AN 62.2	SGT Physiology (P) Introduction to endocrinology
Saturday	Anatomy Lecture Cerebellum AN 60.1, 60.2	Physiology (L) GIT movements, defecation reflex & dietary fibres PY 4.3	SGT - Biochemistry Identify PEM types with the help of pictures differences B/W Kwashiorkor & Marasmus (B8.2)	AETCOM Demosntarte empathy in patient encounter	Anatomy Practical Cerebrum AN 62.2	SDL Open Neural Tube Defects AN 64.3
Monday	Physiology (L) classification of hormones, synthesis, transport & clearance of hormones PY 8.2	Biochemistry (P) Evaluation of renal Profile for diagnosis of renal failure, gout, nephrotic syndrome, etc. (B11.17) Physiology (P): Revision Physiology (P): Examination of Motor System		Lecture White Matter of Cerebrum AN 62.3	Anatomy Practical Histology Esophagus, Stomach AN 52.1	SGT Biochemistry List of commonly used food items (B8.5)
Tuesday	Biochemistry (L) ECM:- Compnents & functions (B9.1)			SGT Physiology Physiology of thymus & pineal gland PY 8.3	Anatomy Practical Histology of Duodeum, Jejunum, Ileum AN 52.1	SGT Physiology (P) Bile . PY 4.1
Wednesday	Anatomy Lecture Internal Capsule AN 62.3			ECE Anatomy Lumbar Puncture AN 50.3	SDL Physiology (P) To understand role of Hypothalamo Hypophyseal endocrinal axis in endocrinnal regulation / Lecture - Biochemistry Importance of commonly usesd food items (B8.5)	SDL Subthalamus, Meta Malamus AN 62.5
Thursday	Anatomy Lecture Basal Ganglion AN 62.4	Physiology (L) General regulatory mechanisms for release of hormones PY 8.2	Lecture Thalamus AN 62.5	ECE- Biochemistry Clinical case:- Marfan's syndrome, Ehler's Danlor syndrome, Duchenne's muscular dystrophy etc. (B9.1+B9.2)	Anatomy Practical Histology of Large Intestine, Appendix AN 52.1	SGT Biochemistry Biochemical basis of diseases related to ECM with egs (B9.1 + B9.2)
Friday	CM9.4 Enumerate and describe the causes and consequences of population explosion and population dynamics of India (L).	Physiology (L) Structure of pituitary gland & hormones released from Anterior pituitary PY 8.2	Lecture Thalamus AN 62.6	SGT Physiology (P) Secretion regulation & Actions of prolactin. PY 8.2	Anatomy Practical Histology of Liver, Gall Bladder AN 52.1	SGT Physiology (P) Pancreatic juice. PY4.1

week 32

week 33

Saturday	Anatomy Lecture Circle of Willis AN 62.6	Physiology (L) Synthesis, regulation of release & actions of growth hormone PY 8.2	Biochemistry (L) Involvement of ECM in Health + disease (B9.2)	SGT Epithalamus, Hypothalamus AN 62.5	Anatomy Practical Histology of Pancreas & Supra-renal Gland AN 52.1		SGT Epithalamus, Hypothalamus AN 62.5
Monday	Physiology (L) Effects of hypo & hyper secretion of growth hormones PY 8.2	Biochemistry (P) ELISA: Thyroid profile (Demonstration) Physiology (P): Revision Physiology (P): Eliciattaion of Deep Reflexes on normal subjects		Lecture Lateral Ventricle AN 63.1	Anatomy Practical Circle of Willis AN 62.6		SGT Biochemistry Protein degradation (Lysosomal & Proteasomal) (B9.3)
Tuesday	Biochemistry (L) Protein targeting and sorting (B9.3)			ECE- Physiology Pituitory dwarf & patients with acromegali & gaigantism should be shown to the students if available.If not then simuated environment should be used to make them understand PY8.2	Anatomy Practical Lateral Ventricle AN 63.1		SGT Physiology (P) Test on digestive system Short notes.
Wednesday	Anatomy Lecture Third Ventricle AN 63.1			ECE Anatomy Congenital Hydrocephalus AN 63.2	SGT Physiology (P) Trophic hormones from ant. Pituitory gland. PY 8.2	SDL - Biochemistry Enlist Disorders associated with protein targetting + Sorting (B9.3)	SDL AN 50.4
Thursday	Anatomy Lecture Fourth Ventricle AN 63.1	Physiology (L) Functional anatomy of thyroid gland & synthesis of thyroid hormones PY 8.2	Anatomy (L)	Lecture- Biochemistry Biochemical basis of disorders associated with protein targeting & Sorting (B9.3)	Part Completion Test Neuroanatomy		SGT Biochemistry Define Cancer & distinguish b/w Benign and Malignant cancers. (B10.1)
Friday	**HOLIDAY**						
Saturday	Anatomy Lecture Anterior Abdominal Wall AN 44.6	Physiology (L) Structure & hormones released by adrenal cortex PY 8.2	Biochemistry (L) Cancer (B10.1 & B10.2)	SGT Rectus Sheath AN 44.3	Anatomy Practical Osteology of Lumbar Vertebra AN 53.1		SGT Rectus Sheath AN 44.3
Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm
Monday	Physiology (L) Adrenocortical hormones with applied aspects I PY 8.2	Biochemisry (P) Diagnosis of proteinuria & types (B11.17) Physiology(P): Revision Physiology (P): Eliciattion of Superficial Reflexes		Lecture Histology of Exeretory System AN 52.2	Anatomy Practical Osteology of Sacrum AN 53.1		SGT Biochemistry Discussion of terms: Oncogenes, Proto oncogenes Tumour markers, Tumour suppressor (B10.1)
Tuesday	Biochemistry (L) Apoptosis (B10.1)			AETCOM Physiology 1.2 What it means to be a Patient?	Anatomy Practical Ant. Abdominal Wall AN 44.6		SGT Physiology (P) Growth hormonePY 8.2
Wednesday	Anatomy Lecture Inguinal Canal AN 44.4			ECE Anatomy Inguinal Hernia AN 44.5	ECE -Physiology (P) Hypo thyroid (Cretin & myxiedema) & Hyperthyroid patients should be if shown possible, Photos of patient with endocrinal disorders should be shown & important sign & symptoms explainedPY8.2	Lecture - Biochemistry Enzymes involved in apoptosis & importance of apoptosis (B10.1)	SDL Abdominal Incisions AN 50.4
Thursday	Anatomy Lecture Development of Rep. System AN 52.8	Physiology (L) Adrenocortical hormones with applied aspects II PY 8.2	Lecture Development & Anomalies of Diaphragm AN 52.5	ECE- Biochemistry Use of Tumour markers in clinical BC lab (B10.2)	Anatomy Practical Inguinal Canal AN 44.7		SGT Biochemistry Tumour markers (B10.2)
Friday	CM3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures (P)	Physiology (L) Physiology of bone & calcium metabolism I PY 8.1	Lecture Ratation of Gut AN 52.6	SGT- Physiology Discuss & explain about adaptation to altered temperature-hot & cold.PY11.1	Anatomy Practical Radiology AN 54.1		SGT - Physiology (P) Thyroid gland & applied. Py 8.2
Saturday	Anatomy Lecture Lumbar Plexus AN 45.2	Physiology (L) Physiology of bone & calcium metabolism II PY 8.1	Biochemistry (L) Biochemistry of metastases & Basis of cancer Therapy (B10.1 & B10.2)	SGT AN 53.3	Anatomy Practical Lumbar Plexus AN 53.1		SGT AN 53.3
Monday	Physiology (L) Temperature regulation . PY 8.1	Biochemistry (P) D/D of Jaundice by liver profile (B11.17) Physiology (P): Revision Physiology (P): Assessment of Motor System		Lecture Male Rep. System AN 46.1 - 46.3	Anatomy Practical Testes AN 46.1		SGT Biochemistry Term:- Antigen Antibody Hapten Immunogenicity etc. (B10.3)

week 34

week 35

week 36	Tuesday	Biochemistry(L) Houmoral Immunity (B10.3)		SGT - Physiology (P) Discuss & compare cardio-respiratory changes in exercise with that in resting state & under different environmental	Anatomy Practical Histology of Male Rep. System AN 52.5	SGT Physiology (P) Adrenal cortex - GlucocorticoidsPY 8.2
	Wednesday	Anatomy Lecture Thoracolumbar Fascia AN 45.1		ECE Anatomy Varicocele Phimosis AN 46.4, 46.5	SGT Physiology (P) Discuss & compare cardio-respiratory changes in exercise with that in resting state & under different environmental conditions.II PY 11.8 / ECE - Biochemistry Innate v/s Adaptive immunity (B10.3)	SDL Lumbarization Sacralization AN 53.4
	Thursday	Anatomy Lecture Peritoneum AN 47.1	Physiology (L) Endocrinal functions of pancreas PY 8.2 / Anatomy Lecture Development of Urinary Syatem AN 52.7	SDL- Biochemistry Premary v/s Secondary Immune response (B10.4)	Anatomy Practical Peritoneum AN 47.1	SGT Biochemistry What are antigens epitopes (B10.5)
	Friday	AETCOM - Community Medicine - 1.4 Foundation of Communication		SGT Physiology Discuss & explain about adaptation to altered temperature-hot & coldPY 11.3	Anatomy Practical Histology of Female Rep. System AN 52.5	SGT Physiology (P) Adrenal cortex - Mineralocorticoids & androgens. Applied
	Saturday	Anatomy Lecture Peritoneum AN 47.2	Physiology (L) Regulation of release & Physiological actions of glucagon PY 8.2 / Biochemistry (L) Cell Mediated Immunity (B10.3 & B10.4)	AETCOM - Demonstrate ability to communicate to patient in a patient, respectful, non threatening, non judgemental and empathetic manner	Anatomy Practical Osteology of Pelvis AN 51.2	SGT Ascites, Peritonitis Subphrenic abscess AN 44.3
	Monday	Physiology (L) Explain the concept, criteria for diagnosis of brain death & its implications PY11.11	Biochemistry (P) Serum amylase & Lipase delemination (B11.17) Phyaiology (P): Revision Physiology (P): Assessment of cerebellar function	Lecture Stomach AN 47.5	Anatomy Practical Stomach AN 47.1	SGT Biochemistry Self tolerance & Autoimmunity (B10.4)
	Tuesday	Biochemistry (L) Body fluid analysis: Urine (B11.4 & B11.5)		ECE Physiology Obesity, metabolic syndrome pertaining to psychiatric component , stress response PY 8.5	Anatomy Practical AN 47.1	SGT Physiology (P) Bone physiology & calcium & phosphate metabolism
	Wednesday	Anatomy Lecture Spleen AN 47.6		ECE Anatomy Calot's Triangle AN 47.7	ECE- Physiology (P) To explain clinical significance & interpretation of growth charts & anthropometric assessment of infants PY11.9, 11.10 / Lecture - Biochemistry Vaccine development (B10.5)	SDL AN 51.1
week 37	Thursday	Anatomy Lecture Liver AN 47.5	Physiology (L) General organisation of nervous system PY 10.1 / Anatomy Lecture Kidney AN 47.5	ECE- Biochemistry Clinical Case:- D/D of Meningitis (B11.5)	Anatomy Practical Liver, Kidney AN 47.5	SGT Biochemistry Importance of urine analysis in the diagnosis of different clinical condition (B11.4 & 11.5)
	Friday	CM3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures (P)	Physiology (L) Definition of sensation, different classification & properties of sensation PY 10.2 / Anatomy Lecture Portal V, IVC Renal V AN 47.8	SGT Physiology (P) Discussion of MCQs.	Anatomy Practical AN 47.8	SGT Physiology (P) Question paper discussion
	Saturday	Anatomy Lecture Abdominal aorta AN 47.9	Physiology (L) Structure of synapse , mechanism of transmission PY10.2 / Biochemistry (L) Body fluid analysis : CSF (B11.5)	AETCOM - Demonstrate ability to communicate to patient in a patient, respectful, non threatening, non judgemental and	Anatomy Practical AN 47.9	SGT AN 54.2, 54.3
	Monday	Physiology (L) Properties of synapse & synaptic inhibition PY 10.2	Biochemistry (P) Performance & Interpretaton of ABG Analysis (B11.17) Phyaiology (P): Revision Physiology (P): Assessment of Sensory-motor System	Lecture Pancreas AN 47.5	Anatomy Practical AN 47.5	SGT Biochemistry Principle of ABG analyser (B11.16)
	Tuesday	Biochemistry (L) Electrophoresis & Chromatography (B11.16)		AETCOM Physiology 1.2 - What it means to be a patient?	Anatomy Practical Surface Anatomy AN 55.1, 55.2	SGT Physiology (P) Synapse, its properties & synaptic inhibition

week 38

Wednesday	Anatomy Lecture Portosystemic Anastomosis AN 47.11			ECE Anatomy Caput Medusa Hematemesis AN 47.11	**ECE - Physiology. Tetany & other bone related disorders.**	SDL - Biochemistry Steps of DNA isolation (B11.16)	SDL Nerve Plexus of Posterior Abd Wall AN 47.12
Thursday	Anatomy Lecture Thoraco-abdominal Diaphragm AN 47.13, 47.14	Physiology (L) Reflex action, types, components & properties of reflex arc I PY 10.2	Anatomy Lecture Pelvic Diaphragm AN 48.1	ECE- Biochemistry Demonstration of ELISA technique (B11.16)	Anatomy Practical AN 47.13, 48.1		SGT Biochemistry Uses of DNA isolation (B11.16)
Friday	CM3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures (P)	Physiology (L) Reflex action, types, components & properties of reflex arc I PY 10.2	Anatomy Lecture Pelvic Diaphragm AN 48.1	SGT Physiology (P) Discussion of MCQs.	Anatomy Practical AN 47.13, 48.1		SGT Physiology (P) Synapse, its properties & synaptic inhibition
Saturday	Anatomy Lecture Uterus AN 48.2	Physiology (L) Conditioned reflex & its properties PY 10.2	Biochemistry (L) Automation & Quality Control (B11.16)	SGT AN 48.5	Anatomy Practical Uterus AN 48.2		SGT AN 48.5
Monday	Physiology (L) Receptors - structure & properties PY 10.2	Biochemistry (P) pH metry (B11.2) Physiology (P): Revision Physiology (P): Assessment of Superificial-Deep Reflexes		Lecture Bladder AN 48.4	Anatomy Practical Micro-anatomy of cardio-esophagus function & Corpus Luteum AN 52.3		SGT Biochemistry Lab Diagnosis of Acid Base imbalance (B11.17)
Tuesday	Biochemistry (L) Rationale of biochemical tests in various clinical condition-I (B11.17)			ECE -Physiology. Observe & describe management of unconscious patient and basic set up process of a ventillation PY7.3,7.4	Anatomy Practical Revision		ECE - Physiology (P) Applied aspects of superficial & deep reflexes. PY 10.2
	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm	3:00-4:00pm	4:00-5:00pm

week 39

Wednesday	Anatomy Lecture Prostate Ovary AN 48.2	Biochemistry (P) pH metry (B11.2) Physiology (P): Revision Physiology (P): Assessment of Superificial-Deep Reflexes		ECE Anatomy Automatic Bladder AN 48.6	SGT Physiology (P) Describe anatomical correlates & Physiology of pain, elicit & determine level, quality & quantity of pain & its tolerance in patients PY8.1, 8.2	SDL - Biochemistry Dm DyslipidemiasMI (B11.17)	SDL AN 48.7, 48.8
Thursday	Anatomy Lecture Superficial & Deep Perineal Pouch AN 49.1	Physiology (L) Structure of spinal cord & spinal reflexes I PY 10.2	Anatomy Lecture Perineal Body & Membrane AN 49.2, 49.3	ECE- Biochemistry Renal failiure - Gout -edema Jaundice etc. (B11.17)	Anatomy Practical AN 49.1, 49.3		SGT Biochemistry Formative Assessment
Friday	CM3.8 Describe the mode of action, application cycle of commonly used insecticides and rodenticides (L)	Physiology (L) Sensory pathways - dorsal column tracts PY 10.3	Anatomy Lecture Ischiorectal Fossa AN 49.4	SGT Physiology (P) Physiological effects of Meditation. PY 11.12	Pandemic Module: 1.1Infection Control: Part - I Infection Control Practices – Hand washing, Decontamination Use of PPEs - Microbiology		SGT Physiology (P) Spinal cord & its reflexes
Saturday	Anatomy Lecture Extrabiliary Apparatus AN 48.2	Physiology (L) Spinothalamic & spinocerebellar tracts PY 10.2	Biochemistry (L) Rationale of biochemical tests in various clinical condition-II (B11.17)	Horizontal Integration - Topic Anaemia: AN1.2 Describe composition of bone and bone marrow ; AN55.2 Demonstrate the surface projections of Liver, Fundus of gall bladder, Spleen, & Pancreas; BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies; PY2.3 Describe and discuss the synthesis and functions of Hemoglobin and explain its breakdown. Describe variants of hemoglobin; PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions ; PY2.5 Describe different types of anaemias				
Monday	Physiology (L) Motor cortex & motor pathways I PY 10.4	Biochemistry (P) Thin Layer Chromatography (B11.16) Physiology (P) CAL for amphibian skeletal muscle experiments I Physiology (P) Assessment of taste, smell & hearing modalities		SGT AN 49.5	Revision Anatomy DH (P)		SGT Biochemistry Glycemic index (B11.23)
Tuesday	Biochemistry (L) Energy content of different food items (B11.23)			ECE Physiology Disorders related to sensory tracts PY 10.3	Revision Anatomy DH (P)		SGT Physiology (P) Sensory pathways & dorsal column tracts

week 40	Wednesday	Revison Anatomy (L)			ECE Anatomy - Revision	SGT -Physiology Physiology of taste sensation. PY 10.13	Lecture - Biochemistry Calculation of glycemic index of carbohydrates (B11.24)	SDL Anatomy - Revision
	Thursday	Revison Anatomy (L)	Physiology (L) Motor cortex & motor pathways II PY 10.4	Revison Anatomy (L)	ECE- Biochemistry Determinations of balanced diet in terms of cal/day requirement (B11.23)	Revision Anatomy DH (P)		SGT Biochemistry Divide the food items into 2 groups high & low glyeomic index (B11.24)
	Friday	CM 3.6 Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program (SDL)	AETCOM - SDL - Foundation of communications I		ECE - Physiology (P) Upper & lower motor neuron lesions PY 10.4	Revision Anatomy DH (P)		SGT Physiology (P) Motor cortex & motor pathways
	Saturday	Revison Anatomy (L)	Physiology (L) Skeletal muscle tone I PY 10.4	Biochemistry (L) Role of Saturated/ Unsaturated Trans fats in diet (B11.24)	Revision Anatomy	Revision Anatomy DH (P)		SGT Anatomy - Revision
week 41	Monday	Physiology (L) Functional anatomy & connections of thalamus PY 10.7	Physiology (P): CAL for Amphibian skeletal muscle experiment II Physiology (P): Examination of cranial nerves3,4,6 Biochemistry(P): Revision		Revison Anatomy (L)	Revision Anatomy DH (P)		SGT Biochemistry (P)
	Tuesday	Revsions Biochemistry (L)	Physiology (P): CAL for Amphibian skeletal muscle experiment II Physiology (P): Examination of cranial nerves3,4,6 Biochemistry(P): Revision		ECE - - Physiology Spinal cord lesions PY 10.6	Pandemic Module: 1.1Infection Control: Part - I Infection Control Practices – Hand washing, Decontamination Use of PPEs - Microbiology		SGT Physiology (P) Skeletal muscle tone II PY 10.4
	Wednesday	Revison Anatomy (L)	Physiology (P): CAL for Amphibian skeletal muscle experiment II Physiology (P): Examination of cranial nerves3,4,6 Biochemistry(P): Revision		SGT Anatomy - Revision	SGT Physiology (P) Anatomy & connections of thalamus	AETCOM Biochemistry 1.3 - The Doctor-Patient Relationship	SGT Anatomy - Revision
	Thursday	Revison Anatomy (L)	Physiology (L) Functions & abnormalities of thalamus PY 10.7	Revison Anatomy (L)	AETCOM - Reflections	Revision Anatomy DH (P)		AETCOM Biochemistry 1.3 -The Doctor-Patient Relationship
	Friday	CM3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures (SDL)	Physiology (L) Functional anatomy & functions of basal ganglia PY10.7	Revison Anatomy (L)	SGT Physiology (P) Disorders of basal ganglia PY 10.7	Revision Anatomy DH (P)		ECE - Physiology (P) Functions & abnormalities of thalamus& Basal ganglia.PY 10.7
	Saturday	Revison Anatomy (L)	Physiology (L) Functional anatomy & neuronal circuits of cerebellum PY 10.7	SGT Biochemistry Revision (P)	Horizontal Integration - Topic Jaundice: AN52.1 Describe & identify the macro &microanatomical features of Liver, Gall bladder, & Pancreas; BI6.13 Describe the functions of the liver, gall bladder; BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of the liver; BI6.15. Describe the abnormalities of liver function tests ; PY4.7 Describe & discuss the structure and functions of liver and gall bladder			
week 42	Monday	Physiology (L) Cerebellar connections & functions PY 10.7	Physiology (P) : Revision Biochemistry (P): Revision		Revison Anatomy (L)	Revision Anatomy DH (P)		SGT Biochemistry Revision (P)
	Tuesday	SGT Biochemistry Revision (P)			ECE Physiology Cerebellar dysfunctions PY 10.7	Revision Anatomy DH (P)		SGT Physiology (P) Anatomy & functions of basal ganglia
	Wednesday	Revison Anatomy (L)			ECE Anatomy	SGT Physiology (P) Structure of vestibular apparatus PY 10.4	SGT Biochemistry Revision (P)	SDL Anatomy
	Thursday	Revison Anatomy (L)	Physiology (L) Mechanism of functioning of vestibular apparatus PY 10.4	Revison Anatomy (L)	AETCOM- Physiology	Revision Anatomy DH (P)		SGT Biochemistry Revision (P)
	Friday	CM3.8 Describe the mode of action, application cycle of commonly used insecticides and rodenticides (P)	Physiology (L) Postural reflexes I PY 10.4	Revison Anatomy (L)	SGT - Physiology (P) Functional anatomy of ear & mechnism of hearing.PY 10.15	Revision Anatomy DH (P)		ECE Physiology (P) Tests for Cerebellar functions.PY 10.7
	Saturday	Revison Anatomy (L)	Physiology (L) Postural reflexes II PY 10.4	Revision Biochemistry (L)	AETCOM/SDL - Anatomy	Revision Anatomy DH (P)		SGT Anatomy (P)

week 43	Monday	Physiology (L) Functions of hypothalamus PY 10.4	Physiology (P) : Revision Biochemistry (P): Revision		Revison Anatomy (L)	Revision Anatomy DH (P)	SGT Biochemistry Revision (P)
	Tuesday	SGT Biochemistry Revision (P)			SGT- Physiology Sex determination & differentiation PY 9.1Onset of puberty PY 9.2	Revision Anatomy DH (P)	SGT Physiology (P) Physiology of smell sensation. PY 10.13
	Date/ Day/Time	9:00-10:00am	10:00-11:00am	11:00-12:00pm	1:00-2:00pm	2:00-3:00pm / 3:00-4:00pm	4:00-5:00pm
	Wednesday	Revison Anatomy (L)	Physiology (P) : Revision Biochemistry (P): Revision		ECE Anatomy	SGT Physiology (P) Body temperature regulation PY 10.4 / SGT Biochemistry Revision (P)	SDL Anatomy
	Thursday	Revison Anatomy (L)	Physiology (L) Limbic system PY 10.4	Revison Anatomy (L)	AETCOM- Physiology	Revision Anatomy DH (P)	SGT Biochemistry Revision (P)
	Friday	CM9.2 Define, calculate and interpret demographic indices including birth rate, death rate, fertility rates (SDL)	Physiology (L) Reticular activating system PY 10.4	Revison Anatomy (L)	ECE- Physiology (P) Auditory pathway, Deafness, Tests for Hearing.PY10.15 & 10.16	Revision Anatomy DH (P)	SGT Physiology Physiological effects of sex hormones PY 9.5
	Saturday	Revison Anatomy (L)	Physiology (L) Reticular activating system PY 10.4	SGT Biochemistry Revision (P)	AETCOM/SDL - Anatomy	Revision Anatomy DH (P)	SDL Anatomy
week 44	Monday	Physiology (L)Sleep & EEG.PY 10.8	Physiology (P) : Physiology (P) CAL for amphibian skeletal muscle experiments III Physiology (P) Examination of cranial nerves - V, VII, IX, X, XI, XII Biochemistry (P): Revision		Revison Anatomy (L)	Revision Anatomy DH (P)	SGT Biochemistry Revision (P)
	Monday	Physiology (L)Sleep & EEG.PY 10.9			Revison Anatomy (L)	Revision Anatomy DH (P)	SGT Biochemistry Revision (P)
	Tuesday	SGT Biochemistry Revision (P)			SGT - Physiology Functional anatomy of eye. PY 10.17	Revision Anatomy DH (P)	SGT Physiology (P) Male reproductive system II PY 9.3
	Wednesday	Revison Anatomy (L)			ECE Anatomy	SGT Physiology (P) .Image formation & refractive errors.PY 10.7 / SGT Biochemistry Revision (P)	SDL Anatomy
	Thursday	Revison Anatomy (L)	Physiology (L) Visual pathway PY 10.7	Revison Anatomy (L)	SGT - Physiology . Accomodation, Light reflex, colour	Revision Anatomy DH (P)	SGT Biochemistry (P)
	Friday	CM9.3 Enumerate and describe the causes of declining sex ratio and its social and health implications (SDL)	Physiology (L)- Female reproducive system I PY 9.4	Revison Anatomy (L)	ECE Physiology Explain common causes of infertility to the couple & role of IVF in its treatment	Revision Anatomy DH (P)	SGT Physiology (P) Physiology of lactation PY9.8
	Saturday	Revison Anatomy (L)	Physiology (L) Female reproducive	Revision Biochemistry (L)	AETCOM/SDL - Anatomy	Revision Anatomy DH (P)	SGT Anatomy (P)
week 45	Monday	Physiology (L)Sleep & EEG.PY 10.9	Physiology (P) : Physiology (P) CAL for amphibian skeletal muscle experiments III Physiology (P) Examination of cranial nerves - V, VII, IX, X, XI, XII Biochemistry (P): Revision		Revison Anatomy (L)	Revision Anatomy DH (P)	SGT Biochemistry Revision (P)
	Tuesday	SGT Biochemistry Revision (P)			SGT - Physiology Functional anatomy of eye. PY 10.17	Revision Anatomy DH (P)	SGT Physiology (P) Male reproductive system II PY 9.3
	Wednesday	Revison Anatomy (L)			ECE Anatomy	SGT Physiology (P) .Image formation & refractive errors.PY 10.7 / SGT Biochemistry Revision (P)	SDL Anatomy

Pre University Exam - WEEK 46-47

L - Lecture		**P - Practical/SGT/Tutorial/IT**			**DH - Dissection Hall**		
Last Friday every month (10-12) - Community Medicine- SDL/AETCOM					**SGT - Small Group Teaching**		
Sports - Outdoor Week 4-5 (Last 2 Saturdays)					**SDL - Self Directed Learning**		
- Indoor Week 10-11 (Last 2 Saturdays)					**AETCOM - Attitude, Ethics & Communication**		
					ECE - Early Clinical Exposure		
1st Internal Exam -Week 14-15					**Integration will be done along with Practical/SGT/Tutorial - two Saturday's in Week 39 & 41 as decided by AIT**		
2nd Intertnal Exam - Week 30-31							
Pre University Exams - Week 46-47							
Diwali Vacations - One Week							
Holi Vacations - One Week							

First Professional Year - Teaching Hours				
Subjects	**Lectures (Hours)**	**Small Group Teaching/ Tutorials/ Integrated**	**Self Directed Learning (Hours)**	**Total (Hours)**
Anatomy	**220**	**415**	**40**	**675**
Physiology	**160**	**310**	**25**	**495**
Biochemistry	**80**	**150**	**20**	**250**
Community	**20**	**27**	**5**	**52**
AETCOM & Professional Development		**48**		**48**
Sprots and Extracurricular				**60**
Formative Assessment and Term Examination				**80**

Pandemic Module

Pandemic Module - 2 hours in Foundation Course and 4 hours n Phase 1 to be taken by Microbiology Department

Feedback on Assessment