

BANGALORE MEDICAL COLLEGE AND RESEARCH INSTITUTE, BENGALURU
MASTER TIMETABLE FOR I MBBS 2019-20 BATCH, I TERM (01-09-2019 to 31-12-2019)

Note:

1. Lecture topics for different subjects are shown in following colours: **Anatomy**, **Physiology**, **Biochemistry**, **Aligned Integrated Topic**
2. Dissection follows topics covered in Anatomy theory classes
3. Allocation of hours for Self-directed learning is as follows:
 Every week : Monday 8-9AM : Anatomy
 Wednesday 8-9AM : Physiology
 Friday 8-9AM : Biochemistry
4. Sports and Extracurricular activities: 4:30 PM onwards
5. Legend: BSC – Basic Sciences Correlation; ECE – Early Clinical Exposure; AIT – Aligned Integrated Topic; H – Histology; TLM – Teaching learning method; DOAP – Demonstrate, Observe, Assess, Perform

September 2019

Date	Day	9 To 10AM	10 To 11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	1-2 PM	Practicals 2-4 PM (TLM: DOAP) (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities) 1:30 – 4:30 PM
							ANAT Histology	ANAT Osteology	PHYSIO	BIOCHEM	
TLM		Lecture	Lecture	Lecture	Lecture						
2-9-19	Mon					L U N C H					
3-9-19	Tue	ANATOMY Anatomical positions, planes, relations, comparison, laterality & movements, diff types of skin & dermatomes, superficial fascia, mod of deep fascia with function, principles of skin incisions	PHYSIOLOGY PY 1.2 Principles of Homeostasis	AETCOM 1.5 Cadaver as the first teacher			Microscope	Introduct to osteology	Microscope	Orientation to lab	AETCOM 1.5
4-9-19	Wed	BIOCHEM Introduction to Biochemistry	ANATOMY Composition of bone, bone marrow, parts, blood & nerve supply, laws of ossification, sesamoid bone, types of cartilage & distribution	ANATOMY Joints, types & V eg, NS, Hilton's law							AETCOM 1.5
5-9-19	Thu	PHYSIOLOGY PY 1.6 Body fluid compartments, ionic composition & measurement	ANATOMY Muscle- classifn acc to st & fn, parts of sk muscle, tendon, aponeurosis, shunt & spurt muscle	ANATOMY NS-gen plan with components of CNS, PNS, ANS, components & fn, parts of neuron, cl based on size & fn, st of typical sp n, principles of sensory & motor innervations of muscle, laws of inn of muscle with AA, types of synapse, diff in symp & spinal ganglia	PHYSIOLOGY PY 3.1, 3.2, 3.3 Structure, function of neuron & Neuroglia Nerve growth factors Types of nerve fibres Nerve degeneration & regeneration						AETCOM 1.5
6-9-19	Fri	ANATOMY H - Cell & epithelial tissue	PHYSIOLOGY PY 2.1 Composition of Blood Introduction to RBC & its properties	ANATOMY Osteo: Intro to bone, Clavicle	BIOCHEM Tutorials						AETCOM 1.5

7-9-19	Sat	BIOCHEM BI1.1 Cell, subcellular components, & functions, Fluid Mosaic model	PHYSIOLOGY PY 1.1, 1.5 Structure and functions of mammalian cell; Cell membrane transport mechanisms	ANATOMY Pectoral Region- Att, NS, action of mus- Pectoral, Subclavius, SA, Mammary gland location, extent, Reln, Stage changes, BS, LD, AA, microscopy, Development	ANATOMY Embryology		Tutorials PHYSIOLOGY			
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TLM	Lecture	Lecture	DOAP	DOAP	ANAT Histology		ANAT Osteology	PHYSIO	BIOCHEM		
9-9-19	Mon	PHYSIOLOGY PY 1.5 Cell membrane transport mechanisms	BIOCHEM BI3.1 Chemistry of CHO- def, biomedical importance, energy fuel, classification, Monosaccharides and properties	ANATOMY Dissection follows topics covered in theory class		L U N C H	Epithelial tissue	Clavicle	Microscope	Orientation to lab, apparatus & equipment.	AETCOM 1.5
10-9-19	Tue										
11-9-19	Wed	BIOCHEM BI5.1 Protein chemistry- Def, classification and properties of Amino acids	ANATOMY Axilla I-boundaries, contents, brachial pl-fromn, br, rel, area of supply, course, reln & term br, var in form, cl features of Erb's & Klumpke's paralysis						Haemocyto metry		Physio Tutorials
12-9-19	Thu	PHYSIOLOGY PY 2.4 RBC formation (Erythropoiesis & its regulation)	ANATOMY Axilla II-ax a & v (origin, extent, course, parts, rel, br/trib), ax LN & areas of drainage, AA								Physio Tutorials
13-9-19	Fri	ANATOMY H-conn tissue	PHYSIOLOGY PY 2.4, RBC formation (Erythropoiesis & its regulation)		BIOCHEM Tutorials						Physio Tutorials
14-9-19	Sat										
16-9-19	Mon	PHYSIOLOGY PY 2.11, 2.13 RBC count- Instruction Procedure for Reticulocyte count	BIOCHEM BI3.1 Reducing and non-reducing disaccharides	ANATOMY Osteo: Scapula, Humerus			L U N C H	Connective tissue	Scapula and Humerus	Haemocyto metry	Lab hazards, safety & waste disposal
17-9-19	Tue	ANATOMY Position, att, NS, action of Trapezius, LD, deltoid, RC ms, scap anast, tri of ausc, anat basis of ax n during IM inj	PHYSIOLOGY 1.3, 1.4, 1.9 Intercellular communication; Apoptosis; Methods used to demonstrate cell functions, products, and its applications								
18-9-19	Wed	BIOCHEM BI5.2 Structural organization of proteins	ANATOMY Fascia of UL, compt, Ms of antr compt of arm, N & V, anat basis of venepuncture of cub v, CF, anast around elbow jt							PY 2.11 RBC COUNT	

19-9-19	Thu	PHYSIOLOGY 1.8 Molecular basis of Resting membrane potential	ANATOMY Shoulder jt, SC & AC jt-type, AS, capsule, SM, lig, reln, movts, ms, BS, NS, AA							
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							ANAT Histology	ANAT Osteology	PHYSIO	BIOCHEM		
TLM		Lecture	Lecture	DOAP	DOAP		Tutorials PHYSIOLOGY					
20-9-19	Fri	ANATOMY H – Nerve	PHYSIOLOGY PY 2.3, 2.11, 2.12 Synthesis & functions of Hb, its variants Estimation of Hb, PCV, ESR. Interpret results		BIOCHEM Tutorials	L U N C H						
21-9-19	Sat	BIOCHEM BI2.1 Enzymes, classification, factors affecting enzyme activity	PHYSIOLOGY PY 1.8 Molecular basis of Action potential	PHYSIOLOGY PY 2.5 Different types of Anaemias Haematological indices (Shared with PATHOLOGY)	ANATOMY Conference							
23-9-19	Mon	PHYSIOLOGY PY 2.7, 2.13 Formation of Platelets, functions & variations Describe steps for platelet count	BIOCHEM BI3.1 Polysaccharides including proteoglycans – MPS Including BSC	ANATOMY Osteo: Radius, Ulna		L U N C H	Nerve	Radius, Ulna	RBC COUNT		Physio Tutorials	
24-9-19	Tue	ANATOMY Ms Post compt of arm, v&N, anat basis of Sat night Palsy	PHYSIOLOGY PY 2.8 Physiological basis of Haemostasis								Physio Tutorials	
25-9-19	Wed	BIOCHEM BI5.1 Classification and properties of proteins	ANATOMY Flexor compt forearm-ms, att, NS, action, n&V, flexor ret, carpal tunnel synd							PY 2.11, 2.12 HB, PCV, ESR,		Physio Tutorials
26-9-19	Thu	PHYSIOLOGY PY 1.8, 3.17 Molecular basis of Action potential, properties Strength Duration curve	ANATOMY Palm-ms, movts of thumb with ms inv, V&N, claw hand, FFS, ulnar & radial bursa, dig syn sh, fascial sp, AA									Physio Tutorials
27-9-19	Fri	ANATOMY H – muscle	PHYSIOLOGY PY 3.7 Different types of Muscle fibres and their structure, Sarcomere, Sarcotubular system		BIOCHEM Tutorials							Physio Tutorials
28-9-19	Sat											
30-9-19	Mon	PHYSIOLOGY PY 2.8 Physiological basis of Haemostasis, anticoagulants	BIOCHEM9.1,2 Components of ECM and disorders Biochemistry of Lens including BSC (Shared with PHYSIOLOGY)	ANATOMY Osteo: Articulated hand				Muscle	Art hand	HB, PCV, ESR	Abnormal constituents of urine	Physio Tutorials

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TLM		Lecture	Lecture	DOAP	DOAP		ANAT Histology	ANAT Osteology	PHYSIO	BIOCHEM	
14-10-19	Mon	PHYSIOLOGY PY 3.11 Energy source & metabolism in muscle (Integration with BIOCHEM)	BIOCHEM2,3,4 Enzyme inhibition continued				Bone	Ribs			PHYSIO ECE for Clinical Skill Blood bank visit
15-10-19	Tue	ANATOMY Osteo: Thoracic vertebrae	PHYSIOLOGY PY 3.13 Muscular dystrophy & myopathies (Integration with GENERAL MEDICINE)								
16-10-19	Wed	BIOCHEM BI6.2 Nucleic acid chemistry – DNA structure and types	ANATOMY BSC class- Upper limb								
17-10-19	Thu	PHYSIOLOGY Blood BSC	ANATOMY Revision topics								
18-10-19	Fri	ANATOMY Gen Embryology	PHYSIOLOGY Nerve-Muscle BSC		BIOCHEM Tutorials						
19-10-19	Sat	AIT (Linker) - ANAEMIA					Tutorials PHYSIOLOGY				
		BIOCHEM Haemoglobin and Haemoglobinopathies BSC	PHYSIOLOGY Anaemia – Physiological basis	PATHOLOGY Pathophysiology of anemias and its investigations	COMMUNITY MED Community aspects of Anaemias						
21-10-19	Mon	ANATOMY Borders of thoracic cavity, inlet, outlet, pleura, BS, NS, LD, extent of pleura, recesses, AA, lung-EF, relations, root, BPS, BS, NS, LD, AA	PHYSIOLOGY PY 6.1 Introduction to RS, Functional anatomy of respiratory tract				Bone	Thoracic vertebrae	PY 2.11 TLC	Colorimetry and spectrophoto metry	PY 3.18 Computer assisted learning: Amphibian Muscle- Nerve videos
22-10-19	Tue	BIOCHEM BI2.3 Regulation of enzymes & isoenzymes (BSC – MI)	PHYSIOLOGY PY 6.2 Mechanics of normal respiration, Pressure changes during ventilation								
23-10-19	Wed	ANATOMY Pericardium, sinuses, BS, NS, Ext Heart, BS, NS, IHD	PHYSIOLOGY PY 5.1 Functional anatomy of heart, chambers, sounds Coronary circulation								
24-10-19	Thu	ANATOMY Int heart, fib sk, conducting sys, AA	PHYSIOLOGY 5.1, 5.2, 5.4 Pacemaker tissue & conducting system Electrical prop of cardiac muscle, Generation & spread of cardiac impulse								

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							ANAT Histology	ANAT Osteology	PHYSIO	BIOCHEM	
TLM		Lecture	Lecture	DOAP	DOAP						
25-10-19	Fri	BIOCHEM6.2,7.1 Nucleic acid chemistry- DNA continued RNA types and differences between DNA & RNA	ANATOMY H – salivary glands		BIOCHEM Tutorials						
26-10-19	Sat	BIOCHEM BI4.1 Compound lipids and clinical importance of Lipoproteins	ANATOMY Mediastinum – divisions, B&C, AA	PHYSIOLOGY 2.6 Leucopoiesis & its regulation	PHYSIOLOGY 3.14 Mosso's Ergography Instruction	Tutorials PHYSIOLOGY					
28-10-19	Mon	PHYSIOLOGY PY 2.10 Def and types of Immunity Development of immunity and its regulation (Integration with BIOCHEM)	BIOCHEM BI2.5,6,7 Clinical utility of enzymes and EIA	ANATOMY Osteo: Hip bone		Salivary gland	Hip bone	PY 2.11, 3.14 AEC/ Ergography	Estimation of glucose	BIOCHEM ECE for Clinical Skill Visit to Haematology wards For orientation towards Thalassemia and Hemophilia	
29-10-19	Tue										
30-10-19	Wed	BIOCHEM BI6.6 Biological oxidation- ETC	ANATOMY Trachea, esophagus, TD, joints of thorax, AA								
31-10-19	Thu	PHYSIOLOGY PY 6.2 Biophysics of ventilation, Alveolar surface tension, compliance, airway resistance and V/P ration	ANATOMY SVC, aorta, phrenic n, vagus n, th sym tr, pulm tr, azygos sys, splanchnic n								

For the month of November 2019

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							ANAT Histology	ANAT Osteology	PHYSIO	BIOCHEM	
TLM		Lecture	Lecture	DOAP	DOAP						
1-11-19	Fri										
2-11-19	Sat	BIOCHEM BI5.2 Plasma proteins, Fractions separation APR	PHYSIOLOGY PY 2.2 Origin, forms, functions & variations of Plasma proteins	ANATOMY H – Lymphatics	PHYSIOLOGY Lymph circ and Fn Reticuloendothelial system	Tutorials PHYSIOLOGY					
4-11-19	Mon	PHYSIOLOGY PY 3.8 Action potential and contraction of Smooth muscle	BIOCHEM BI3.3 Digestion and absorption of carbohydrates	ANATOMY Osteo: Femur		Lymphatic vessel	Femur			Physio Turorials	
5-11-19	Tue	ANATOMY Front of thigh- fascia, ms, LN,GSV, fascia lata, ven dr, ld, dermatomes, varicose v, DVT	PHYSIOLOGY PY 5.2 Morphology of cardiac muscle, & mechanical properties							Physio Turorials	

5-12-19	Thu	PHYSIOLOGY Hypothalamic control of hormone secretion	ANATOMY Embryology			H						
6-12-19	Fri	ANATOMY H- Endocrine glands-1	PHYSIOLOGY PY 6.5, 6.7 Principles of artificial respiration, Oxygen therapy Lung function tests and their clinical significance		BIOCHEM Tutorials							
7-12-19	Sat	AIT (Linker) – Ischaemic Heart Disease / Myocardial infarction						Tutorials PHYSIOLOGY				
		ANATOMY Blood supply of heart and anatomical basis of Ischaemic heart disease	PHYSIOLOGY Coronary circulation in relation to IHD and MI ECG changes in MI and their physiological basis	BIOCHEM Lipoprotein and cholesterol metabolism and their relation to MI Biochemical tests in MI and their rationale	GEN MED Discussion of a case of IHD/MI							
9-12-19	Mon	PHYSIOLOGY Respiratory System BSC	BIOCHEM BI4.6 Prostaglandins and therapeutics (BSC)					Endocrine glands			Estimation of total protein, albumin and AG ratio	Physio Tutorials
10-12-19	Tue	ANATOMY Revision topics	PHYSIOLOGY Respiratory System BSC									Physio Tutorials
11-12-19	Wed	BIOCHEM Tutorials	ANATOMY Tutorials									Physio Tutorials
12-12-2019 to 21-12-2019 1 st Internal Assessment												
23-12-2019	Mon	PHYSIOLOGY Feed back on Ist Formative assessment	BIOCHEM Feed back on Ist Formative assessment	ANATOMY Feed back on Ist Formative assessment							Physio Tutorials	
24-12-2019	Tue	PHYSIOLOGY Small group discussion		ANATOMY Tutorials							Physio Tutorials	
25-12-2019	Wed											
26-12-2019	Thu	PHYSIOLOGY Tutorials		BIOCHEM Tutorials							Physio Tutorials	
27-12-2019	Fri	PHYSIOLOGY Tutorials		BIOCHEM Tutorials							Physio Tutorials	
28-12-2019	Sat	BIOCHEM Tutorials		ANATOMY Tutorials			Tutorials PHYSIOLOGY					
29-12-2019 to 01-01-2020 Holidays												

Number of teaching hours in first term:

Subject	Anatomy	Physiology	Biochemistry	Community medicine
Theory / Lectures	71	66	33	48
Dissection/ Practicals/ Tutorials/ Small group activity/Assessment	183	76	63	(during Foundation course)
Total	254	142	96	

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MASTER TIMETABLE FOR I MBBS 2019-20 BATCH, II TERM (01-01-2020 to 30-04-2020)

Note:

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- Dissection follows topics covered in Anatomy theory classes
- Allocation of hours for Self-directed learning is as follows:
 Every week : Monday 8-9AM : Anatomy
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- Sports and Extracurricular activities: 4:30 PM onwards
- Legend: BSC – Basic Sciences Correlation; ECE – Early Clinical Exposure; AIT – Aligned Integrated Topic; H – Histology; TLM – Teaching learning method; DOAP – Demonstrate, Observe, Assess, Perform

January 2020

Date	Day	9To10AM	10To11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	1-2 PM	Practicals 2-4 PM (TLM: DOAP/ Small groups) (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities) 1:30-4:30 PM
							ANAT Histology/ Osteology	PHYSIO I	PHYSIO II	BIOCHEM	
TLM		Lecture	Lecture	DOAP	DOAP						
2-1-20	Thu	PHYSIOLOGY PY 8.2 Secretion, functions, regulation of Pituitary hormones	ANATOMY Osteo – intro to skull, NV, NF			L U N C H		Tutorials	PY 11.13 General Physical exam and radial pulse	Chromatogr aphy/TLC	PHYSIO Tutorials
3-1-20	Fri	ANATOMY AN 27.1.Layers of scalp, BS, NS, surg imp, emiss v, role in spread of infn	PHYSIOLOGY PY 5.8 Local and systemic Cardiovascular regulatory mechanisms	ANATOMY H-Endocrine glands 1	BIOCHEM Tutorials						PHYSIO Tutorials
4-1-20	Sat	BIOCHEMISTRY Metabolism of amino acids	PHYSIOLOGY PY 5.9 Venous return & Cardiac output	PHYSIOLOGY PY 10.1 Organization of nervous system nerve, nerve fiber, myelination, nerve injury degeneration & regeneration Integration with anatomy	ANATOMY AN 28.1-7. Face: ms, vess, facial n, AA		COMMUNITY MED				
6-1-20	Mon	PHYSIOLOGY PY 10.3 sensory receptors, properties of sensory receptors Integrated with anatomy	BIOCHEMISTRY BI6.3 Purine synthesis & disorders 1(BSC)				Endocrine Glands 1	Tutorials	General Physical exam and radial pulse		PHYSIO Tutorials
7-1-20	Tue	ANATOMY Parts, extent, att, mod of deep cerv fascia	PHYSIOLOGY PY 5.8, 5.9 Cardiac output and its regulation								PHYSIO Tutorials
8-1-20	Wed	BIOCHEMISTRY BI5.4 Urea cycle & regulation	ANATOMY fascial spaces of neck, intro to side of neck, lacr app								PHYSIO Tutorials
9-1-20	Thu	PHYSIOLOGY PY 5.8, 5.9 Heart rate and its regulation	ANATOMY AN 29.1,2. Sternocleidomastoid ms & other ms of neck, wry neck, cerv plexus, phr n					Tutorials	PY 6.9 RS exam		PHYSIO Tutorials

10-1-20	Fri	ANATOMY H: Endocrine glands 2	PHYSIOLOGY PY 8.2, 8.5 Pituitary hormones	ANATOMY skull: n occ, n lat	BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials
11-1-20	Sat									
13-1-20	Mon	PHYSIOLOGY PY 8.2 Posterior Pituitary hormones	BIOCHEMISTRY BI6.4 Purine synthesis & disorders-2(BSC)			Endocrine glands 2	Tutorials	RS exam	Spot test - IEM	PHYSIO Tutorials
14-1-20	Tue	ANATOMY Posterior tri –B&C	PHYSIOLOGY PY 5.9 BP Definition, determinants, Recording of BP				Tutorials			PHYSIO Tutorials
15-1-20	Wed									
16-1-20	Thu	PHYSIOLOGY PY 5,8, 5.9 BP- Short term regulation	ANATOMY Linker – wry neck, facial palsy, surg sp of neck				Tutorials	RS exam		PHYSIO Tutorials
17-1-20	Fri	ANATOMY Histo: Spinal cord	PHYSIOLOGY PY 10.2, 10.10 Function & properties of synapse. Mechanisms at synapse, chemical transmission in nervous system	ANATOMY Skull: Nbasalis I	BIOCHEM Tutorials		Tutorials	PY 5.12 Recording of BP and effect of posture		PHYSIO Tutorials
18-1-20	Sat	BIOCHEMISTRY BI5.4 Hyperammonemias	PHYSIOLOGY PY 8.2 Secretion, functions, regulation of Thyroid hormones	PHYSIOLOGY PY 5.9 Intermediate and Long term regulation of BP	ANATOMY Emb – pharyngeal arches	COMMUNITY MED				
20-1-20	Mon	PHYSIOLOGY PY 10.3 General somatic sensation. Dorsal column pathway and sensations	BIOCHEMISTRY BI6.2 Purine catabolism & disorders			Spinal cord	Tutorials	Recording of BP and effect of posture		PHYSIO Tutorials
21-1-20	Tue	ANATOMY B & C of subocc tri, semispinalis capitis, splcapitis, BSC: cisternal puncture	PHYSIOLOGY PY 5.8, 5.9 BP regulation continued, Hypertension and other applied aspects				Tutorials		Creatinine estimation	PHYSIO Tutorials
22-1-20	Wed	BIOCHEMISTRY BI5.4 Gly, Ser, Thre metabolism	ANATOMY Contents of vertebral canal				Tutorials			PHYSIO Tutorials
23-1-20	Thu	PHYSIOLOGY PY 8.2 Thyroid hormones continued. Thyroid function tests	BIOCHEM BI6.13,14,15 Thyroid function Tests (BSC)				Tutorials			PHYSIO Tutorials
24-1-20	Fri	ANATOMY Osteo: n basalis II	PHYSIOLOGY PY 10.3 Interpretation of dorsal column pathway sensations		BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials
25-1-20	Sat	ANATOMY AN 30.5. Hypophysis cerebri, trigem gang, mid mening vess Integrated with Physiology	PHYSIOLOGY PY 3.15, 3.16 Effect of exercise on cardio respiratory parameters Instruction for Harvard step test	PHYSIOLOGY PY 8.2, 8.5 Secretion, functions, regulation of Parathyroid hormone Integrated with Biochemistry	ANATOMY Emb – face, nose, palate	COMMUNITY MED				

27-1-20	Mon	PHYSIOLOGY PY 10.3 Anterolateral pathway Integrated with Anatomy	BIOCHEMISTRY BI6.2 Pyrimidine metabolism & disorders	ANATOMY Osteo – mandible, B of temporal & ITF			Osteology Skull Mandible	Tutorials	Recording of BP and effect of posture		PY 3.18 Comp assisted learning Amphibian heart videos
28-1-20	Tue	ANATOMY AN 30.3. Dural folds, BSC: extradural & subdural hemorrhage	PHYSIOLOGY PY 5.10 Cerebral and Splanchnic circulation					Tutorials			
29-1-20	Wed	BIOCHEMISTRY BI6.9&10 Mineral metabolism-Calcium (BSC)	ANATOMY AN 30.4. DVS & surg imp of deep fascial v, BSC					Tutorials			
30-1-20	Thu	PHYSIOLOGY PY 10.3 Physiology of pain sensation, Referred pain, Visceral pain and other applied aspects Integrated with Anatomy	ANATOMY AN 31.1. Orbit – fascia & ms					Tutorials			
31-1-20	Fri	ANATOMY AN 30.1. Osteo :cranial cavity I	PHYSIOLOGY PY5.10 Microcirculation Cutaneous circulation Foetal circulation		BIOCHEM Tutorials			Tutorials	Effect of exercise on cardio respiratory parameters Harvard step test /ECG		

February 2020

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							ANAT Hist / Ost	PHYSIO I	PHYSIO II	BIOCHEM	
TLM		Lecture	Lecture	DOAP	DOAP		COMMUNITY MED				
1-2-20	Sat	BIOCHEMISTRY BI6.9&10 Mineral metabolism-Phosphate	PHYSIOLOGY PY 8.1 Hormones regulating Calcium and Phosphate Integrated with Biochemistry	AETCOM 1.3	ANATOMY Emb-alimentary system I – oral cavity	L					
3-2-20	Mon	PHYSIOLOGY PY 8.2, 8.4, 8.5 Secretion, functions, regulation of Adrenal cortex hormones Integrated with Biochemistry	BIOCHEMISTRY BI6.13,14,15 Adrenocortical Hormones (BSC)				Osteo - Cranial cavity I	Tutorials	PY 3.15, 3.16 Effect of exercise on cardio respiratory parameters	ELECTROPHORESIS & PAGE	AETCOM 1.3
4-2-20	Tue	ANATOMY AN 31.2. Orbit – N & vess, 3,4,6 cr n, strabismus, Horner' synd, Integrated with physio	PHYSIOLOGY PY 8.2, 8.4, 8.5 Functions, regulation of Adrenal cortex hormones (continued), Applied aspects					Tutorials	Harvard step test /ECG PY 5.13		AETCOM 1.3
5-2-20	Wed	BIOCHEMISTRY BI6.5 Fat solub vitamin-Vitamin D (BSC)	ANATOMY AN 32.1. B & subdivn of antr tri, ML st, SM, DG tri					Tutorials			AETCOM 1.3

6-2-20	Thu	PHYSIOLOGY PY 8.2, 8.4, 8.5 Secretion, functions, regulation of Adrenal medullary hormones Shared with Biochemistry	ANATOMY AN 28.9. Parotid region – parts, borders, surf, contents, Integrated with physio				Tutorials			AETCOM 1.3
7-2-20	Fri	ANATOMY Osteo: cranial cavity II	PHYSIOLOGY PY 10.3 Spinocerebellar pathways and applied aspects Integrated with Anatomy		BIOCHEM Tutorials		Tutorials			AETCOM 1.3
8-2-20	Sat									
10-2-20	Mon	PHYSIOLOGY PY 10.4 Organisation of Motor system Integrated with Anatomy	BIOCHEMISTRY BI5.4 Tryptophan metabolism (BSC)			Osteo Cranial cavity II	Tutorials	Effect of exercise on cardio respiratory parameters Harvard step test /ECG	CALCIUM ESTIMATION	<u>Anatomy ECE for Clinical skill</u> Visit to ENT department
11-2-20	Tue	ANATOMY AN 33.3. TMJ & ms of mastication – att, ns, pterygoid ven pl	PHYSIOLOGY PY 5.11 Pathophysiology of Shock and syncope				Tutorials			
12-2-20	Wed	BIOCHEMISTRY BI6.5 Fat sol vitamin-Vitamin A (BSC)	ANATOMY AN 35.2. Thyroid, PT gl – locn, parts, borders, reln, bs, thyroid sw, sharing with physio				Tutorials			
13-2-20	Thu	ANATOMY AN 35.3. Thymus, subcl a, car a, tributaries & terminations of IJV, BCV	PHYSIOLOGY PY 8.3 Physiology of Thymus and pineal gland				Tutorials			
14-2-20	Fri	ANATOMY Histo – Pancreas	PHYSIOLOGY PY 8.2 Secretion, functions, regulation of Pancreatic hormones Integrated with Biochemistry		BIOCHEM Tutorials		Tutorials	PY 5.15 CVS exam		
15-2-20	Sat	BIOCHEMISTRY BI6.1 Intermediary Metabolism – Fed state	AIT (Linker) HEART FAILURE PHYSIOLOGY PY5.11 Pathophysiology of Heart failure Case discussion of Heart failure (GEN MED)		ANATOMY Emb : GIT	COMMUNITY MED				
17-2-20	Mon	PHYSIOLOGY PY 8.2, 8.4, 8.5 Secretion, functions, regulation of Pancreatic hormones Integrated with Biochemistry	BIOCHEMISTRY BI6.1 Intermediary Metabolism – Starvation (BSC)			Pancreas	Tutorials	CVS exam		PHYSIO Tutorials
18-2-20	Tue	ANATOMY AN 35.6. Cerv part of symp chain – extent, form, reln, br	PHYSIOLOGY PY 10.4 Stretch reflex; Mechanism of maintenance of muscle tone				Tutorials			PHYSIO Tutorials
19-2-20	Wed	BIOCHEMISTRY BI5.4 Sulphur AA metabolism (BSC)	ANATOMY AN 35.5. Cerv gp of LN, cerv part of trachea, eso, BSC				Tutorials			PHYSIO Tutorials
20-2-20	Thu	PHYSIOLOGY PY 5.11 Shock and syncope	ANATOMY AN 29.4. Scal ms, cerv pleura, styl app				Tutorials			PHYSIO Tutorials

21-2-20	Fri																		
22-2-20	Sat	BIOCHEMISTRY BI5.4 Branched chain AA metabolism	ANATOMY Prevert reg, joint, AA of cerv rib	ANATOMY AN 41.1. Eyeball –parts, layers, cataract, glaucoma, central ret a occln, optic n, <u>BSC</u>	PHYSIOLOGY PY 10.7 Functional anatomy of eye, image formation, physiology of vision	COMMUNITY MED													
24-2-20	Mon	PHYSIOLOGY PY 10.1 Visual pathway and lesion Integration with ophthalmology	BIOCHEMISTRY BI5.4 Metabolism of aromatic AA (BSC)	ANATOMY H- Cornea, Retina		Cornea, Retina	Tutorials	PY 10.11 Exam of HMF and Sensory system	PHOSPHAT E ESTIMATION	Physio ECE Cardio OPD, ECG, TMT									
25-2-20	Tue	ANATOMY Pharynx – Killians deh, sharing with physio	PHYSIOLOGY PY 10.4 Other reflexes				Tutorials												
26-2-20	Wed	BIOCHEMISTRY BI6.5 Fat soluble vitamins-E& K,	PHYSIOLOGY PY 10.17 Refractive errors, color vision, color blindness Integration with ophthalmology				Tutorials												
27-2-20	Thu	PY(10.17)(10.20) Pupil, light reflex, visual acuity, field of vision-tests	ANATOMY Osteo: Cranial cavity III				Tutorials												
28-2-20	Fri	ANATOMY Gross of Oral cavity –lip, tooth, tongue – morph, ns, bs, LD, action of ms, hypogl n palsy, Integ Physiology	PHYSIOLOGY PY (10.13)(10.14) Perception of taste, pathway, abnormalities Integration with Anatomy		BIOCHEM Tutorials		Tutorials												
29-2-20	Sat	BIOCHEMISTRY BI5.4 1 carbon metab & AAurias	PHYSIOLOGY PY 10.4 Medial motor system	PHYSIOLOGY CVS BSC	ANATOMY Emb – CNS	COMMUNITY MED													

March 2020

Date	Day	9To10AM	10To11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	1-2 PM	Practicals2-4 PM (TLM: DOAP) (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities) 1:30-4:30 PM
							ANAT Histology	PHYSIO I	PHYSIO II	BIOCHEM	
	TLM	Lecture	Lecture	DOAP	DOAP						
2-3-20	Mon	PHYSIOLOGY PY 10.4 Muscle tone and its supraspinal control	BIOCHEMISTRY BI5.4 Glu, Asp, Polyamines	ANATOMY Histo – Oral cavity, Lip, Tooth, Tongue		L	Oral cavity, Lip, Tooth, Tongue	Tutorials	PY 10.11, 10.20 Examination of Cranial N I-VI	Bilirubin estimation	PHYSIO Tutorials
3-3-20	Tue	ANATOMY Aud tube, <u>BSC</u>	PHYSIOLOGY PY10.4 Postural reflexes, spinal animal and decerebrate & decorticate preparations					Tutorials			PHYSIO Tutorials
4-3-20	Wed	BIOCHEMISTRY BI8.2 Nutrition & Energy (BSC)	ANATOMY Palatine tonsil, Waldeyer's ring, tonsillitis,					Tutorials			PHYSIO Tutorials
5-3-20	Thu	PHYSIOLOGY	ANATOMY Indiv bones of skull					Tutorials			PHYSIO Tutorials

6-3-20	Fri	ANATOMY AN 37.1 Nose-feat of nasal septum, lat wall, bs, ns, AA	PHYSIOLOGY PY(10.13)(10.14) Perception of smell, smell pathway, abnormalities Integration with ENT		BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials
7-3-20	Sat	BIOCHEMISTRY BI8.4 Obesity & Balanced Diet	PHYSIOLOGY PY Metabolic syndrome and obesity; Psychiatric component related to metabolic syndrome	PHYSIOLOGY PY 7.1 Structure and function of Kidneys	ANATOMY AN 37.2. Paranasal air sinuses, fnl anat, max sinusitis, tumors, BSC	COMMUNITY MED				
9-3-20	Mon	PHYSIOLOGY PY 10.4 Cortico spinal tract , origin , course termination and function Integration with Anatomy	BIOCHEMISTRY BI6.5 Water sol vit 1- B1&B2(BSC)	ANATOMY H- Kidney		Kidney	Tutorials	Examination of Cranial N I – VI revision		PHYSIO Tutorials
10-3-20	Tue	ANATOMY Pterygopal fossa, gang, max nerve	PHYSIOLOGY PY 7.2 Renal blood flow, JG apparatus, renin angiotensin system				Tutorials			PHYSIO Tutorials
11-3-20	Wed	BIOCHEMISTRY BI5.4 Metab of aromatic AA(BSC)	ANATOMY AN 38.1 Larynx-morph, st of wall, ns, bs, actions of ms, laryngitis, rec lar n injury, pyriform fossa, BSC				Tutorials			PHYSIO Tutorials
12-3-20	Thu	ANATOMY AN 40.1,2 Parts of ear, middle ear _ B&C, reln, fn, Integrated with physio	PHYSIOLOGY PY 10.15 Functional anatomy of ear – functions Integrated with Anatomy				Tutorials			PHYSIO Tutorials
13-3-20	Fri	ANATOMYAN 40.4,5 Otitis externa, media, myringotomy, BSC	PHYSIOLOGY PY 10.4 UML, LMN and their lesions		BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials
14-3-20	Sat									
16-3-20	Mon	PHYSIOLOGY PY 7.2 Glomerular Filtration, determinants, Regulation	BIOCHEMISTRY BI5.4 Water sol vit 2-B3, B6, B7 (BSC)	ANATOMY Osteo: cerv vert		Osteo-Cervical vert	Tutorials	PY 10.20 Perimetry	Prep of buffers & Ph meter	PHYSIO Tutorials
17-3-20	Tue	ANATOMY AN 40.3.Int ear & 8 th cr n, sharing with physio	PHYSIOLOGY PY 10.15 Auditory pathway and processing of auditory signals				Tutorials			PHYSIO Tutorials
18-3-20	Wed	BIOCHEMISTRY BI5.4 His, Pro Ala, Leu Metabolism	ANATOMY Intro to neuroanat, <u>nesting</u> with physio				Tutorials			PHYSIO Tutorials
19-3-20	Thu	PHYSIOLOGY PY 7.3 Reabsorption and secretion in the nephron tubules	ANATOMY AN 57.1.Spinal cord – int & ext feat, <u>Integrated</u> with physio				Tutorials			PHYSIO Tutorials
20-3-20	Fri	ANATOMY Sp cord – tracts, injuries, Integrated with physio	PHYSIOLOGY PY 10.6 Spinal cord functions, transection and spinal shock		BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials

21-3-20	Sat	BIOCHEMISTRY BI6.5 Vitamin B12 & Folic acid (BSC)	PHYSIOLOGY PY 10.5, 10.15 Physiology of hearing, vestibular system (equilibrium)	PHYSIOLOGY PY 7.5 Renal handling of electrolytes, fluids, transport maximum	ANATOMY Emb – CNS	COMMUNITY MED				
23-3-20	Mon	PHYSIOLOGY PY Stress Response (Endocrinal)	BIOCHEMISTRY BI6.5 Vitamin C (BSC)				Tutorials			PHYSIO Tutorials
24-3-20	Tue	ANATOMY Emb – CNS	PHYSIOLOGY PY Endocrinology BSC				Tutorials			PHYSIO Tutorials
25-3-20	Wed									
26-3-20 to 04-04-2020 II internal assessment										

						April 2020				
Date	Day	9To10AM	10To11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	Practicals 2-4 PM (TLM: DOAP) (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities) 1:30-4:30 PM
TLM		Lecture	Lecture	DOAP	DOAP	ANAT Histology	PHYSIO I	PHYSIO II	BIOCHEM	
6-4-20	Mon									
7-4-20	Tue	ANATOMY Histo – Ureter, Urinary bladder	PHYSIOLOGY PY10.16 Deafness, hearing test Integration with ENT	ANATOMY Feedback on formative assessment 2		Ureter, Urinary bladder	Tutorials With feedback on formative assessment 2	PY 10.20 Examination of Cranial N VII - XII	CHARTS + feedback on formative assessment 2	PHYSIO Tutorials
8-4-20	Wed	BIOCHEMISTRY BI6.5 Pantothenic acid, Lipoic Acid & Choline	ANATOMY AN 58.12,3,4 Medulla oblongata-ext feat, TS at 3 levels, cr n nucl with fnl gp, medial & lat med syns, nesting with physio							PHYSIO Tutorials
9-4-20	Thu	PHYSIOLOGY PY PHYSIOLOGY PY10.9 BSC-1 Auditory and visual evoked potentials Integration with ENT and ophthalmology	ANATOMY AN 59.1,2,3 Pons – ext feat, TS at 2 levels, cr n nucl with fnl gp, nesting with physio							PHYSIO Tutorials
10-4-20	Fri									
11-4-20	Sat									
13-4-20	Mon	PHYSIOLOGY PY7.3 Concentration and dilution of urine	BIOCHEMISTRY Water & electrolyte balance-1(BSC)				Tutorials With feedback on formative assessment 2			PHYSIO Tutorials
14-4-20	Tue									
15-4-20	Wed	BIOCHEMISTRY BI6.9&10 Mineral metabolism- Iron & Copper (BSC)	ANATOMY AN 61.1,2,3 Midbrain – ext feat, TS at 2 levels, nucl, benedicts & webers synd, sharing with physio				Tutorials			PHYSIO Tutorials
16-4-20	Thu	ANATOMY AN 60.1,2,3. Cerebellum – ext & int feat, nucl, conn, cerebellar dysfn, integration with physio	PHYSIOLOGY PY10.7 Cerebellum connections, functions Integration with Anatomy				Tutorials	Cranial N VII – XII revision		PHYSIO Tutorials
17-4-20	Fri	PHYSIOLOGY PY 10.7 Cerebellar lesions	ANATOMY Histo Cerebrum, Cerebellum		BIOCHEM Tutorials		Tutorials		CHARTS	PHYSIO Tutorials

18-4-20	Sat	BIOCHEMISTRY Water & electrolyte balance-2 Integrated with Physiology	PHYSIOLOGY PY7.5 ECF Volume and Osmolality regulation Integrated with Biochemistry	PHYSIOLOGY PY10.20 (BSC-2) Test for smell, taste, vision Integration with ENT, ophthalmology	ANATOMY 4 th vent, <u>BSC</u>	COMMUNITY MED				
20-4-20	Mon	ANATOMY AN 62.2.Cerebrum – surf, borders, sulci, gyri, poles, fnl areas, integration with neurology	PHYSIOLOGY PY 10.7 Cerebral cortex Areas and Functions Integration with Anatomy			Cerebrum, Cerebellum	Tutorials	Cranial N VII – XII revision		PHYSIO Tutorials
21-4-20	Tue	ANATOMY AN 62.4.Limbic sys-parts, conn, olf n, <u>integration</u> with neurology	PHYSIOLOGY PY10.7 Nuclei of limbic system, functions, abnormalities Integration with Psychiatry				Tutorials			PHYSIO Tutorials
22-4-20	Wed	BIOCHEMISTRY BI6.11 Heme synthesis	ANATOMY III & lat vent-parts, bound, feat, rel, <u>sharing</u> with physio				Tutorials			PHYSIO Tutorials
23-4-20	Thu	ANATOMY AN 62.4. Basal gang-parts, conn, <u>sharing</u> with physio	PHYSIOLOGY PY 10.7 Basal ganglia , nuclei, connections Integration with Anatomy				Tutorials	PY 10.11 Examination of Motor system and reflexes		PHYSIO Tutorials
24-4-20	Fri	PHYSIOLOGY PY10.7 Basal ganglia, functions and lesion Integration with Psychiatry	ANATOMY White matt of cerebrum		BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials
25-4-20	Sat									
27-4-20	Mon	PHYSIOLOGY PY7.5 Acidification of urine and regulation of H ⁺ ion concentration Integration with Biochemistry	BIOCHEMISTRY BI6.8 Acid Base Balance Integration with Physiology				Tutorials	Examination of Motor system and reflexes		PHYSIO Tutorials
28-4-20	Tue	PHYSIOLOGY PY 10.7 Nuclei of thalamus, function	ANATOMY 62.5.Thalamus, with <u>BSC</u>				Tutorials			PHYSIO Tutorials
29-4-20	Wed	BIOCHEMISTRY BI6.8 Acid Base Disorders &ABG	ANATOMY AN 62.5.Epithal, metathal, subthal – parts, bound, rel, nucle, conn, int capsule, <u>integration</u> with psychiatry				Tutorials			PHYSIO Tutorials
30-4-20	Thu	ANATOMY Hypothal, <u>integration</u> with psychiatry	PHYSIOLOGY PY10.7 Functions of hypothalamus				Tutorials			PHYSIO Tutorials

Number of teaching hours in Second term:

Subject	Anatomy	Physiology	Biochemistry	Community medicine
Theory / Lectures	81	76	38	27
Dissection/ Practicals/ Tutorials/ Small group activity/Assessment	170	111	61	
Total	251	187	99	

**BANGALORE MEDICAL COLLEGE AND RESEARCH INSTITUTE, BENGALURU
MASTER TIMETABLE FOR I MBBS 2019-20 BATCH, III TERM (01-05-2020 to 31-08-2020)**

Note:

- Lecture topics for different subjects are shown in following colours: **Anatomy**, **Physiology**, **Biochemistry**, **Aligned Integrated Topic**
- Dissection follows topics covered in Anatomy theory classes
- Allocation of hours for Self-directed learning is as follows:
Every week : Monday 8-9AM : Anatomy
Wednesday 8-9AM : Physiology
Friday 8-9AM : Biochemistry
- Sports and Extracurricular activities: 4:30 PM onwards
- Legend: BSC – Basic Sciences Correlation; ECE – Early Clinical Exposure; AIT – Aligned Integrated Topic; H – Histology; TLM – Teaching learning method; DOAP – Demonstrate, Observe, Assess, Perform

May 2020

Date	Day	9To10AM	10To11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	1-2 PM	Practicals 2-4 PM (TLM: DOAP) (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities) 1:30-4:30 PM	
							TLM	Lecture	Lecture	DOAP		DOAP
1-5-20	Fri											
2-5-20	Sat	BIOCHEMISTRY BI6.1 Porphyrias (BSC)	PHYSIOLOGY PY7.6 Innervations of urinary bladder , micturition, abnormalities	PHYSIOLOGY PY4.1 Structure, introduction, functions of digestive system Integration with Anatomy	ANATOMY Cr n nuclei	L	Community Medicine					
4-5-20	Mon	PHYSIOLOGY PY (7.7) (7.9) Cystometry, artificial kidney, dialysis, renal transplantation Integration with General medicine.	BIOCHEMISTRY BI6.9&10 Mineral Metabolism Mg, Mn	ANATOMY H- GIT 1		U	GIT 1	Tutorials	Examination of Motor system and reflexes	Charts	Physio ECE Visit to Optometry & Audiometry	
5-5-20	Tue	ANATOMY Ret formation of brain	PHYSIOLOGY PY10.5 Reticular activating system structure , function. Integration with Anatomy			C		Tutorials				
6-5-20	Wed	BIOCHEMISTRY BI6.12 Heme degradation	ANATOMY 3,4,6 cr n			H		Tutorials				
7-5-20	Thu	PHYSIOLOGY PY 4.2 Composition, secretion, functions, regulation of salivary secretion	ANATOMY 5th cr n					Tutorials				
8-5-20	Fri	ANATOMY 7th cr n	PHYSIOLOGY PY10.8 EEG, stages of sleep Integration with Psychiatry	ANATOMY 9, 10 cr n	BIOCHEM Tutorials			Tutorials				
9-5-20	Sat											
11-5-20	Mon	PHYSIOLOGY PY De-glutition	BIOCHEMISTRY BI6.9&10 Mineral Metabolism-Se &Zn					Tutorials	PY 4.10 Examination of Abdomen		Anatomy ECE for clinical skill Visit to OBG department	

12-5-20	Tue	ANATOMY 11, 12 cr n	PHYSIOLOGY PY9.1 Sex determination, differentiation, puberty adolescent and abnormalities Integration with Anatomy				Tutorials			
13-5-20	Wed	BIOCHEMISTRY BI8.3 Diet chart in special conditions-Pregnancy, childhood	ANATOMY BS of brain (with BSC)				Tutorials		CASE DISCUSSION	
14-5-20	Thu	PHYSIOLOGY PY 10.9 Higher mental functions, memory-physiological basis Integration with Psychiatry	ANATOMY AN 44.1 Introdn to ant abd wall, planes, reg, quad, fascia, nv, bv, ms				Tutorials			
15-5-20	Fri	ANATOMY AN 44.3.Rectus sheath – form & contents	PHYSIOLOGY PY (4.2)(4.3) Composition, secretion, function, regulation of gastric secretion, gastric movements Integration with Biochemistry	ANATOMY AN 44.4 Boundaries & contents of ing canal, Hesselbachs tri, ing hernia, abd incisions	BIOCHEM Tutorials		Tutorials			
16-5-20	Sat	BIOCHEMISTRY BI6.13,14,15 RFT-1 (BSC)	PHYSIOLOGY PY (7.8) (7.4) Renal function tests, renal clearance, diuretics	PHYSIOLOGY PY 10.9 Language and Speech -physiological basis Integration with Psychiatry	ANATOMY H- male reproductive system	COMMUNITY MED				
18-5-20	Mon	PHYSIOLOGY PY (4.2)(4.3) Small intestine-secretion, movements Integration with Biochemistry	BIOCHEMISTRY BI8.3&5 Special Diet charts for DM, CAD (BSC)			H- Male reproducti ve system	Tutorials	PY 4.10 Examination of Abdomen		Physio ECE Visit to Neurology OPD, EEG and ENMG
19-5-20	Tue	ANATOMY AN 46.1,2,3,4 Testis – coverings, int st, side det, bs, ns, LD, descent, AA, epididymis, parts, penis – comp, BS, LD, phimosis, circumcision, sp cord, contents, vas def, vasectomy,	PHYSIOLOGY PY (9.3)(9.5) Male reproductive system: spermatogenesis, male sex hormones				Tutorials			
20-5-20	Wed		ANATOMY BSC: ing herniae, testis AA				Tutorials			
21-5-20	Thu	PHYSIOLOGY PY (9.7)(9.9) Male reproductive system: effects of removal of gonads, semen analysis(WHO guidelines)	ANATOMY AN 45.1 Thoracolumbar fascia, major subgroups of back ms, ns, action, exposure of kidney from back, removal of sp cord				Tutorials			
22-5-20	Fri	ANATOMY Peritoneal refln	PHYSIOLOGY PY Renal system BSC	ANATOMY AN47.1,2,3,4. Boundaries & recesses of lesser sac, gr sac, perit folds, pouches,	BIOCHEM Tutorials		Tutorials			

				ascites, peritonitis, subphr abs, kehr's sign linker						
23-5-20	Sat	AIT (Linker) RENAL FAILURE			ANATOMY Emb –GIT	COMMUNITY MED				
		BIOCHEMISTRY RFT 2 (in case of acute and chronic Renal failure)	PHYSIOLOGY PY Pathophysiology of Renal failure	PHYSIOLOGY PY Discussion of sample case of Renal failure (Med/ Nephrology)						
25-5-20	Mon	PHYSIOLOGY PY(4.2)(4.3) Large intestine-secretion, movements, defecation reflex, role of dietary fiber	BIOCHEMISTRY BI8.1 Dietary Fibre & PEM (BSC)	ANATOMY H- Small intestine, Large intestine		H- Small intestine, Large intestine	Tutorials	Demo of Comp Spirometry		PHYSIO Tutorials
26-5-20	Tue	ANATOMY Spleen & pancreas – anat position, features, perit & other reln, bs, ns, ld, AA, splenic notch, acc spleen, celiac tr, br	PHYSIOLOGY PY (4.8) Pancreas-secretion, functions, tests Integration with Biochemistry				Tutorials			PHYSIO Tutorials
27-5-20	Wed	BIOCHEMISTRY BI7.1 Introduction to Mol Bio	ANATOMY Abd part of esoph, stomach, anat position, feat, perit & other reln, bs, ns, ld, app, lymph spread in ca stomach, vagotomy				Tutorials			PHYSIO Tutorials
28-5-20	Thu	PHYSIOLOGY PY(9.4) Female reproductive system:(ovary-function,control)(menstrual cycle)	ANATOMY BSC – spleen, pancreas, esoph, stomach				Tutorials			PHYSIO Tutorials
29-5-20	Fri	ANATOMY Mesentery, SI, vess, origin, course , br	PHYSIOLOGY PY 10.5 Autonomic nervous system Integration with Anatomy		BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials
30-5-20	Sat	BIOCHEMISTRY BI7.1 Chromatin, chromosomes & Genes	PHYSIOLOGY PY(9.4)(9.5)(9.7) Female reproductive system: female sex hormones, effect of removal of gonads	PHYSIOLOGY PY(11.1) Structure of skin, mechanism of temperature regulation	ANATOMY LI – cecum, appendix, anat position, feat, perit & other reln, bs, ns, ld, AA	COMMUNITY MED				
31-5-20	Sun									

June 2020

Date	Day	9To10AM	10To11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	1-2 P M	Practicals 2-4 PM (TLM: DOAP/Small groups) (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities)
TLM	Lecture	Lecture	DOAP	DOAP	ANAT Histology		PHYSIO I	PHYSIO II	BIOCHEM		
1-6-20	Mon	PHYSIOLOGY PY(9.8) Fertilization, Physiology of pregnancy	BIOCHEMISTRY Immunochemistry	ANATOMY H- Female reproductive system		L	H- Female Reproductive system	Tutorials	Examination of RS Revision		Biochem ECE for clinical skill Visit to INU
2-6-20	Tue	ANATOMY	PHYSIOLOGY PY(11.2)					Tutorials		DEMO ABG	

		Duodenum: anat position, feat, perit & other reln, bs, ns, ld, aa	Adaptation to altered temperature (Heat and cold)			U N C H					(Nephro) wards for Renal failure orientation	
3-6-20	Wed	BIOCHEMISTRY BI7.5 Detoxification	ANATOMY AN 47.8 Portal v –formn, course, relns, trib, portosystemic anast, hematemesis, caput medussae in portal HT, linker					Tutorials				
4-6-20	Thu	ANATOMY Liver, anat position, feat, perit reln, bs, ns, ld, AA, calot's tri, liver biopsy, EHBA, referred pain in cholecystitis, obs jaundice, BSC	PHYSIOLOGY PY(4.7) Liver-secretion, function, tests Integration with Biochemistry					Tutorials				
5-6-20	Fri	ANATOMY H- Liver, GB	PHYSIOLOGY PY(9.8)(9.10) Pregnancy tests, placenta Integration with OBG		BIOCHEM Tutorials			Tutorials				
6-6-20	Sat	AIT (Linker) JAUNDICE			ANATOMY Emb – genitourinary syst		COMMUNITY MED					
		BIOCHEMISTRY Catabolism of Heme Liver function tests and other tests in case of Jaundice (LFT 1)	PHYSIOLOGY PY Mechanism of disposal of heme catabolism products Physiological basis of various types of Jaundice	PATHOLOGY Pathophysiology of Jaundice								
8-6-20	Mon	PHYSIOLOGY PY(11.3) Mechanism of fever, cold injuries, and heat stroke	BIOCHEMISTRY BI10.3 Immune responses & T helper cells					Liver, GB	Tutorials	Examination of CVS Revision		PHYSIO Tutorials
9-6-20	Tue	ANATOMY Kidney, ureter – anat position, feat, perit & other reln, bs, ns, ld, aa, referred pain of kidney to groin	BIOCHEMISTRY BI6.13,14,15 LFT-2(BSC)						Tutorials			PHYSIO Tutorials
10-6-20	Wed	BIOCHEMISTRY BI7.2 DNA Replication & Repair	ANATOMY Suprarenal gl – anat positn, feat, perit & other reln, bs, ns, ld, aa, chromaffin syst, BSC						Tutorials			PHYSIO Tutorials
11-6-20	Thu	PHYSIOLOGY PY(4.4) Physiology of digestion, absorption of nutrients Integration with Biochemistry	ANATOMY Diaphragm – att, openings, ns, action, abnormal openings, diaphragm hernia						Tutorials			PHYSIO Tutorials
12-6-20	Fri	ANATOMY N, vess of abd, abd aorta, IVC, renal v, lumb part of symp chain, celiac gang, LN	PHYSIOLOGY PY 9.8 Parturition and lactation Integration with OBG	ANATOMY Emb – genitourinary syst	BIOCHEM Tutorials				Tutorials			PHYSIO Tutorials
13-6-20	Sat											
15-6-20	Mon	PHYSIOLOGY PY(4.5) GIT hormones	BIOCHEMISTRY BI7.2 Transcription of DNA	ANATOMY H- Placenta, Umbilical cord				Placenta, Umb cord	Tutorials	Examination of Abdomen Revision		Biochem ECE for clinical skill Visit to medicine wards for

16-6-20	Tue	ANATOMY Perineum I: bound, subdivn, IRF:B&C, perianal abscess, AA, BSC	PHYSIOLOGY PY GIT BSC Gut-brain axis				Tutorials			Jaundice cases
17-6-20	Wed	BIOCHEMISTRY BI7.2 Translation	ANATOMY Perineum II: superf & deep perineal pouches, perineal memb, perineal body, perineal tear, episiotomy				Tutorials		DEMO AUTO ANALYSER	
18-6-20	Thu	PHYSIOLOGY PY(9.11)(9.12) Peri menopause, menopause, infertility, IVF Integration with OBG	ANATOMY Urinary bladder, urethra – anat position, feat, perit & other reln, bs, ns, ld, aa, neur basis of UB, suprapubic cystotomy, urin obstrn				Tutorials			
19-6-20	Fri	ANATOMY Prostate, SV, ED, anat position, feat, perit & other reln, bs, ld, ns, aa, urinary obstrn in BPH & prost ca	PHYSIOLOGY PY CNS BSC 1			BIOCHEM Tutorials	Tutorials			
20-6-20	Sat	AIT (Linker) STROKE			ANATOMY Emb – genitorinary syst	COMMUNITY MED				
		ANATOMY Blood supply of Brain and Brain stem; Anatomical basis of stroke	PHYSIOLOGY Pathophysiological basis of Stroke	MEDICINE/NEURO Discussion on clinical presentation in stroke at various levels in the CNS						
22-6-20	Mon	AETCOM 1.4	BIOCHEMISTRY BI7.3 Regulation of Gene expression				Revision of Histology slides	Tutorials	Examination of Nervous System Revision	AETCOM 1.4
23-6-20	Tue	ANATOMY AN 48.1 Female repr organs: uterus – position, feat, perit & other reln, bs, ns, ld, aa, per vaginal examn, retroverted ut, prolapsed ut, fibroids	PHYSIOLOGY PY(9.6) Contraception Integration with OBG, community medicine					Tutorials		AETCOM 1.4
24-6-20	Wed	BIOCHEMISTRY BI10.4 Biochem of AIDS-1	ANATOMY Ovary & FT: position, feat, perit & other reln, bs, ns, ld, aa, tubal preg, tubal lign, B SC					Tutorials		AETCOM 1.4
25-6-20	Thu	PHYSIOLOGY PY CNS BSC 2	ANATOMY Rectum - position, feat, perit & other reln, bs, ns, ld, aa,per rectal examn,					Tutorials		AETCOM 1.4
26-6-20	Fri	ANATOMY Anal canal -position, feat, perit & other reln, bs, ns, ld, aa,hemorrhoids, anal fistula, anal fissure, B SC	PHYSIOLOGY PY Reproductive system BSC	ANATOMY N &V of pelvis, origin, course, reln br of int iliac a, br of sacral plexus		BIOCHEM Tutorials		Tutorials		AETCOM 1.4
27-6-20	Sat	BIOCHEMISTRY BI10.4 Biochem of AIDS-2	PHYSIOLOGY Small group discussion			ANATOMY Emb - revn	COMMUNITY MED			
29-6-20	Mon	PHYSIOLOGY PY CSF	BIOCHEMISTRY BI15.9 CSF				Tutorials	Tutorials	PY 5.14, 5.16	

30-6-20	Tue	ANATOMY Pelvic diaphr – ms, joints of pelvis, intervert, sacroiliac, pubic symphysis, lordosis, prolapsed disc, spondylolisthesis, spina bifida	PHYSIOLOGY PY GIT BSC GIT function tests and applied aspects	ANATOMY Prenatal diagnosis, amniocentesis, CVB			Tutorials	Demo Cardiac autonomic functions & Finger Plethysmo		Anatomy ECE for clinical skill Visit to Genetics lab
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July 2020

Date	Day	9To10AM	10To11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	1-2 PM	Practicals2-4 PM (TLM: DOAP) (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities) 1:30-4:30 PM
							ANAT Histology	PHYSIO I	PHYSIO II	BIOCHEM	
TLM		Small group discussion	Small group discussion	DOAP	DOAP						
1-7-20	Wed	BIOCHEMISTRY BI10.1 Oncogenes & Apoptosis	ANATOMY AN 73.1 Genetics – chr classifn, karyotyping, Lyons hypothesis			L U N C H		Tutorials	PY 5.14, 5.16 Demo Cardiac autonomic functions & Finger Plethysmo		Anatomy ECE for clinical skill Visit to Genetics lab
2-7-20	Thu	PHYSIOLOGY Tutorials	ANATOMY AN 75.1 Str & num chr aberrations, mosaics, chimeras, prader Willi,Edward, patau, polymorphism & mutations					Tutorials		DEMO ELISA	
3-7-20	Fri	ANATOMY AN 74.1 Modes of inheritance, pedigree chart, multifactorial inh, achondroplasia, cystic fibrosis, vit D resistant rickets, hemophilia, duchenne musc dystrophy, sickle cell anemia	PHYSIOLOGY Tutorials	ANATOMY BSC in genetics	BIOCHEM Tutorials			Tutorials			
4-7-20	Sat	BIOCHEMISTRY BI10.2 Biochemistry of Cancer & Tumor markers	PHYSIOLOGY Tutorials	PHYSIOLOGY Tutorials	ANATOMY Genetic counseling		COMMUNITY MED				
6-7-20	Mon	PHYSIOLOGY Tutorials	BIOCHEMISTRY BI7.4 PCR & Blotting techniques				Tutorials	PY 11.14 BLS Demo		PHYSIO Tutorials	
7-7-20	Tue	ANATOMY Linker – genetics	PHYSIOLOGY Tutorials				Tutorials			PHYSIO Tutorials	
8-7-20	Wed	BIOCHEMISTRY BI7.6 Free radicals & antioxidants	ANATOMY Tutorials				Tutorials			PHYSIO Tutorials	
9-7-20	Thu	PHYSIOLOGY Tutorials	ANATOMY Tutorials				Tutorials			PHYSIO Tutorials	
10-7-20	Fri	ANATOMY Tutorials	PHYSIOLOGY Tutorials		BIOCHEM Tutorials		Tutorials			PHYSIO Tutorials	
11-7-20	Sat										
13-7-20	Mon	PHYSIOLOGY Tutorials	BIOCHEMISTRY BI7.4 Recomb DNA technology & Gene therapy				Tutorials			PHYSIO Tutorials	
14-7-20 to 24-07-2020 III Internal Assessment											
25-7-20	Sat	BIOCHEMISTRY Feedback on formative assessment 3	PHYSIOLOGY Feedback on formative assessment 3	ANATOMY Feedback on formative assessment 3			COMMUNITY MEDICINE				

27-7-20	Mon	PHYSIOLOGY Tutorials	BIOCHEMISTRY Tutorials	ANATOMY Revision of Dissection topics			Tutorials			PHYSIO Tutorials
28-7-20	Tue	ANATOMY Tutorials	PHYSIOLOGY Tutorials	ANATOMY Revision of Dissection topics						PHYSIO Tutorials
29-7-20	Wed	BIOCHEMISTRY Tutorials	ANATOMY Tutorials	ANATOMY Revision of Dissection topics						PHYSIO Tutorials
30-7-20	Thu	PHYSIOLOGY Tutorials	ANATOMY Tutorials	ANATOMY Revision of Dissection topics						PHYSIO Tutorials
31-7-20	Fri									

August 2020

Date	Day	9To10AM	10To11 AM	11 To12 noon Dissection (Mon – Fri)	12 to 1 PM Dissection (Mon – Fri)	1-2 PM	Practicals2-4 PM (4 out of 5 batches are engaged by rotation)				Free Batch (Small group activities)
							ANAT Histology	PHYSIO I	PHYSIO II	BIOCHEM	
1-8-20	Sat	BIOCHEMISTRY Tutorials	PHYSIOLOGY PY Tutorials	PHYSIOLOGY PY Tutorials	ANATOMY Tutorials		Community medicine				
3-8-20	Mon	PHYSIOLOGY PY Tutorials	BIOCHEMISTRY Tutorials	PHYSIOLOGY PY Tutorials	ANATOMY Tutorials	L	Tutorials	Tutorials	Tutorials	Immuno Diffusion	Tutorials
4-8-20	Tue	ANATOMY Tutorials	PHYSIOLOGY PY Tutorials	PHYSIOLOGY PY Tutorials	ANATOMY Tutorials	U	Tutorials	Tutorials	Tutorials	Tutorials	Tutorials
5-8-20	Wed	BIOCHEMISTRY Tutorials	ANATOMY Tutorials	PHYSIOLOGY PY Tutorials	ANATOMY Tutorials	N	Tutorials	Tutorials	Tutorials	Tutorials	Tutorials
6-8-20	Thu	PHYSIOLOGY PY Tutorials	ANATOMY Tutorials	PHYSIOLOGY PY Tutorials	ANATOMY Tutorials	C	Tutorials	Tutorials	Tutorials	Tutorials	Tutorials
7-8-20	Fri	ANATOMY Tutorials	PHYSIOLOGY PY Tutorials	BIOCHEMISTRY Tutorials		H	Tutorials	Tutorials	Tutorials	Tutorials	Tutorials
10-8-20	Mon	ANATOMY Tutorials		PHYSIOLOGY PY Tutorials			BIOCHEMISTRY Tutorials				
11-8-20	Tue	ANATOMY Tutorials		PHYSIOLOGY PY Tutorials			BIOCHEMISTRY Tutorials				
12-8-20	Wed	ANATOMY Tutorials		PHYSIOLOGY PY Tutorials			BIOCHEMISTRY Tutorials				
13-8-20	Thu	ANATOMY Tutorials		PHYSIOLOGY PY Tutorials			BIOCHEMISTRY Tutorials				
14-8-20	Fri	ANATOMY Tutorials		PHYSIOLOGY PY Tutorials			BIOCHEMISTRY Tutorials				

Number of teaching hours in Third term:

Subject	Anatomy	Physiology	Biochemistry	Community medicine
Theory / Lectures	50	41	28	30
Dissection/ Practicals/ Tutorials/ Small group activity/Assessment	124	100	70	
Total	174	141	98	

ANNUAL EXAMINATION AS PER UNIVERSITY NOTIFICATION