

Sri Siddhartha Medical College, Tumkur

MASTER TIME TABLE 1ST MBBS 2019

BLOCK 1 – SEPTEMBER – DECEMBER

1ST WEEK

SGT, CBL, VI, HI,

DAY & DATE	8-9AM	9-10AM	10-11AM	11AM-11.15AM	11.15AM-1.15PM	2-4PM	
02/09/19 MON	HOLIDAY	HOLIDAY	HOLIDAY	HOLIDAY	HOLIDAY	HOLIDAY	
03/09/19 TUE	YOGA	PHYSIOLOGY LECTURE PY – 1.6 Functional organization of human body and body fluid compartments	ANATOMY LECTURE AN-1.1 Terminologies in Anatomy	BREAK	ANATOMY DISSECTION Oath taking	Anatomy practicals – “B” batch - Microscope & common objects. Physiology practicals – “C” batch – Use of compound microscope, examination of drop of blood under microscope. Biochemistry practicals – A batch – Introduction, good and safe lab practices	
04/09/19 WED	ENGLISH	BIOCHEMISTRY LECTURE Introduction to biochemistry	ANATOMY LECTURE AN-65.1,65.2 Histology- Epithelium	BREAK	DISSECTION AN 4.1 Basic structure of Human body Skin & Fascia	Anatomy practicals – “C” batch Microscope & common objects. Physiology practicals – “A batch” - Use of compound microscope, examination of drop of blood under microscope. Biochemistry practicals – B batch – Introduction, good and safe lab practices	
05/09/19 THU	YOGA	ANATOMY LECTURE AN-2.1-2.3 Bone-Structure and classification	PHYSIOLOGY LECTURE PY – 1.2 Homeostasis and disturbances	BREAK	DISSECTION AN 2.5,2.6 Joints and arthroscopy	ANATOMY LECTURE AN- 5.1-5.8 Cardiovascular system and	Anatomy - SGT - Introduction to Osteology, supernumerary bones and

							arteriosclerosis
06/09/19 FRI	AETCOM	PHYSIOLOGY LECTURE PY – 1.1 Cell and cell organelles – Structure and functions	BIOCHEMISTRY LECTURE BI-1.1 Cell fractionation and differential centrifugation	BREAK	Biochemistry – SGT BI-1.1 Marker enzymes of different cell organelle.	CM (Lecture)CM1.1 History & Evolution of Public Health	<u>Physiology Tutorials</u> - Functional organization of human body and body fluid compartments - Homeostasis and disturbances - Cell and cell organelles – Structure and functions
07/09/19 SAT	Formative Assessment Anatomy. Fascia,bone,joints	ANATOMY LECTURE AN-76.1,76.2 Embryology introduction. Mitosis and meiosis	ECE – ANATOMY Degenerative disease- osteoporosis (Ortho Ward)			Mentor mentee meeting	

2nd week

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM- 11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>
09/09/19 MON	KANNADA	ANATOMY LECTURE AN-7.1-7.8 Nervous system and degenerative diseases	PHYSIOLOGY LECTURE PY – 1.1,1.3 Cell membrane – Structure and functions	BREAK	DISSECTION – AN – 3.1-3.3 Muscular system and hypertrophy , hyperplasia	<u>Anatomy practicals</u> – A batch – Microscope, common objects and simple epithelium (AN – 65.1) <u>Physiology practicals</u> – B batch - Use of compound microscope, examination of drop of blood under microscope, effect of saline on RBC's. <u>Biochemistry practicals</u> – C batch – Glassware
10/09/19 TUE	YOGA	PHYSIOLOGY LECTURE PY – 1.5	ANATOMY LECTURE AN-9.1-9.3	BREAK	ANATOMY DISSECTION – Pectoral region (AN-9.1,9.2)	<u>Anatomy practicals</u> – B batch - simple epithelium (AN – 65.1) <u>Physiology practicals</u> – C batch –

		Transport across the cell membrane – I	Pectoral region and mammary gland				Effect of saline on RBC's. <u>Biochemistry practicals</u> – A batch – Glassware
<u>11/09/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-5.2 Chemistry and Properties of amino acids	ANATOMY LECTURE AN – 66.1 Histology – Connective tissue (HI – BI - 9.1)	BREAK	ANATOMY DISSECTION – Pectoral region, (AN-9.1,9.2) CBL – Poland syndrome		<u>Anatomy practicals</u> – C batch - simple epithelium (AN – 65.1) <u>Physiology practicals</u> – A batch - Effect of saline on RBC's. <u>Biochemistry practicals</u> – B batch – Glassware
<u>12/09/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN – 10.1-10.2 Axilla and its contents	PHYSIOLOGY LECTURE PY – 1.5 Transport across the cell membrane- II	BREAK	ANATOMY DISSECTION – Axilla, Drainage of axillary lymph nodes with clinical anatomy(AN- 10.1,10.2)		Osteology Tutorials – AN 8.3. Clavicle and its fractures. Anatomy –VI– Surgical anatomy of mammary gland, carcinoma of breast
<u>13/09/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 1.3 Intercellular connections and communications	BIOCHEMISTRY LECTURE BI-9.1 Extracellular matrix-structure & synthesis	BREAK	Biochemistry – SGT BI-5.2 Proteins- Classification	CM (Lecture) CM1.1 History & Evolution of Public Health	<u>Physiology Tutorials</u> -Cell membrane – Structure and functions - Transport across the cell membrane – I -Transport across the cell membrane-II - Intercellular connections and communications
<u>14/09/19</u> <u>SAT</u>	Formative Assessment Physiology- General physiology	ANATOMY LECTURE AN – 77.3 Embryology – Gametes and gametogenesis	ECE = PHYSIOLOGY Visit to medicine wards – body fluid dynamics and hydration therapy			Mentor mentee meeting	

3rd week

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>	
<u>16/09/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN – 10.5-10.6 Brachial plexus, Thoracic outlet syndrome	PHYSIOLOGY LECTURE PY – 1.4 Apoptosis	BREAK	ANATOMY DISSECTION – Brachial plexus and its injuries.(AN – 10.5,10.6)	Anatomy practicals – A batch – Compound epithelium Physiology practicals – B batch – Haemocytometry Biochemistry practicals – C batch – Preparation of buffer and estimation of pH	
<u>17/09/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY – 2.1 Blood – Composition and functions	ANATOMY LECTURE AN- 10.8,10.9 Scapular and Back muscles, Triangle of Auscultation.	BREAK	ANATOMY DISSECTION - Brachial plexus and variations & its Injuries (AN – 10.5,10.6)	Anatomy practicals – B batch – Compound epithelium Physiology practicals – C batch - Haemocytometry Biochemistry practicals – A batch - Preparation of buffer and estimation of pH	
<u>18/09/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-5.1 Structural organization of proteins	ANATOMY LECTURE AN – 66.1,66.2 Histology – Connective tissue	BREAK	ANATOMY DISSECTION AN- 10.8,10.9 Scapular and Back muscles, anastomosis around scapula	Anatomy practicals – C batch – Compound epithelium (AN – 65.1) Physiology practicals – A batch - Haemocytometry Biochemistry practicals – B batch- Preparation of buffer and estimation of pH	
<u>19/09/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN-10.10-10.13 Scapular muscles and	PHYSIOLOGY LECTURE PY – 2.4 Red Blood Cell	BREAK	ANATOMY DISSECTION – Scapular muscles and intermuscular spaces (AN – 10.10- 10.13) CBL-ROTATOR CUFF INJURIES	Osteology Tutorials – AN – 8.1-8.4 Scapula and fracture	Anatomy – SGT – Winging of scapula Case discussion.

		intermuscular spaces					
<u>20/09/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 2.3 Haemoglobin	BIOCHEMISTRY LECTURE BI-5.2 Proteins- Structure function relationship	BREAK	Biochemistry – SGT BI-5.2 Hb, adult and fetal Hb, hemoglobinopathies (Integration with PY-2.3)	CM (Lecture)CM1.1 Concept of Public Health	<u>Physiology Tutorials</u> -Apoptosis -Blood – Composition and functions -Red Blood Cell -Haemoglobin
<u>21/09/19</u> <u>SAT</u>	Formative Assessment BIOCHEM	ANATOMY LECTURE AN -77.2 Oogenesis	ECE- BIOCHEMISTRY: BI-1.1 Disorders of sub cellular structure and membrane transport				Mentor mentee meeting

4th week

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>
<u>23/09/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN -10.10 Deltoid region and axillary nerve	PHYSIOLOGY LECTURE PY – 2.5 Anemia	BREAK	ANATOMY DISSECTION – Deltoid region and axillary nerve and its injuries (AN – 10.10)	<u>Anatomy practicals</u> – A batch – Connective tissue (65.1) <u>Physiology practicals</u> – B batch – Enumeration of RBC (PY-2.11) <u>Biochemistry practicals</u> – Demonstration of pH meter
<u>24/09/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY – 2.5 Jaundice	ANATOMY LECTURE AN – 10.12 Shoulder joint and shoulder girdle	BREAK	ANATOMY DISSECTION – Shoulder joint and its applied anatomy(AN- 10.12)	<u>Anatomy practicals</u> -B batch - Connective tissue (65.1) <u>Physiology practicals</u> – C batch– Enumeration of RBC (PY-2.11) <u>Biochemistry practicals</u> - Demonstration of pH meter
<u>25/09/19</u>	ENGLISH	BIOCHEMISTRY	ANATOMY	BREAK	ANATOMY	<u>Anatomy practicals</u> – C batch –

<u>WED</u>		LECTURE BI- 3.1 Define and classify carbohydrates.	LECTURE AN – 71.3 Histology - Cartilage		DISSECTION– Shoulder joint, dislocation and injuries (AN - 13.3)	Connective tissue (65.1) <u>Physiology practicals</u> – A batch– Enumeration of RBC (PY-2.11) <u>Biochemistry practicals</u> - Demonstration of pH meter		
<u>26/09/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN – 11.1-11.2 Anterior compartment of arm and cubital fossa	PHYSIOLOGY LECTURE PY – 2.6 White Blood Cell	BREAK	ANATOMY DISSECTION – Anterior compartment of arm (AN – 11.1,11.2)		Osteology Tutorials – Humerus and its fracture	Anatomy – SGT – Case discussion on anterior compartment syndrome and nerve injury
<u>27/09/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 2.7 Platelets	BIOCHEMISTRY LECTURE BI- 3.1 Properties of monosaccharides	BREAK	Biochemistry –BI-9.2 Extracellular matrix- disorders associated (HI with anatomy AN 65.1)	CM (Lecture)CM1.2 Health Defination ,Dimensions	<u>Physiology Tutorials</u> -Anemia -Jaundice -White Blood Cell -Platelets	
<u>28/09/19</u> <u>SAT</u>	HOLIDAY	HOLIDAY	HOLIDAY			HOLIDAY		
<u>29/09/19</u> <u>SUN</u>	HOLIDAY	HOLIDAY	HOLIDAY			HOLIDAY		

1ST WEEK

<u>DAY</u> <u>&DATE</u>	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-</u> <u>11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>
<u>30/09/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN -71.1	PHYSIOLOGY LECTURE PY – 2.8	BREAK	ANATOMY DISSECTION – anterior compartment of arm, cubital fossa and vena puncture (AN –	<u>Anatomy practicals</u> – ‘A’ batch – Histology of cartilage(AN-71.3)

		Histology of bone	Clotting mechanisms – Hemostasis, Clotting factors		11.1,11.2) VIVA – UPPER LIMB		Physiology practicals – B batch – Enumeration of RBC (PY-2.11) Biochemistry practicals – Chromatography
01/10/19 TUE	YOGA	PHYSIOLOGY LECTURE PY – 2.8 Fibrinolytic system, anticlotting mechanism, anticoagulants	ANATOMY LECTURE AN-11.1 to 11.6 Posterior facial compartment of arm	BREAK	ANATOMY DISSECTION AN-11.1 to 11.6 Posterior compartment of arm CBL- Saturday night palsy		Anatomy practicals – “B” batch - Histology of cartilage(AN-71.3) Physiology practicals – “C” batch – Enumeration of RBC (PY-2.11) Biochemistry practicals – A batch – Chromatography
02/10/19 WED	Holiday	Holiday	Holiday	Holiday	Holiday		Holiday
03/10/19 THU	YOGA	ANATOMY LECTURE AN-12.1-12.3 Anterior compartment of forearm – muscles, nerves and vessels	PHYSIOLOGY LECTURE PY – 2.8 Bleeding disorders and investigations	BREAK	AN-12.1-12.3 Superficial muscles of anterior compartment of forearm with nerves and vessels. CBL compartment syndrome and volkmans contractures.		Tutorials AN-8.1,8.2,8.4 Radius and fractures (colles and monteggia) (osteology) Anatomy - SGT - Variations in veins of cubital fossa and venae puncture
04/10/19 FRI	AETCOM	PHYSIOLOGY LECTURE PY – 2.9 Blood groups and transfusion reactions	. BIOCHEMISTRY LECTURE BI- 3.1 Disaccharides, Polysaccharides	BREAK	Biochemistry: BI-3.1 SGT- Reactions of monosaccharides.	CM (Lecture)CM1.2Determinants of Health	Physiology Tutorials - Fibrinolytic system, anticlotting mechanism, anticoagulants -Bleeding disorders and investigations -Blood groups and transfusion reactions
05/10/19	Formative	ANATOMY	ECE – ANATOMY			Mentor mentee meeting	

<u>SAT</u>	Assessment Anatomy- scapular region and arm THEORY	LECTURE AN-12.1 to 12.3 Posterior compartment of forearm muscles. Dorsal digital expansion	Cubital tunnel syndrome, Ulnar nerve injury , pronator syndrome	
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2nd week

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM- 11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>	
<u>07/10/19</u> <u>MON</u>	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	
<u>08/10/19</u> <u>TUE</u>	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	
<u>09/10/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI- 3.1 Proteoglycans	ANATOMY LECTURE AN – 12.12 Nerves and vessels of posterior compartment of forearm, extensor retinaculum.	BREAK	ANATOMY DISSECTION (AN-12.12) Posterior compartment of forearm muscles. Dorsal digital expansion	<u>Anatomy practicals – ‘ C’ batch – cartilage(AN-71.1)</u> <u>Physiology practicals – A batch - Enumeration of RBC (PY-2.11)</u> <u>Biochemistry practicals – B Chromatography</u>	
<u>10/10/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN – 12.12-12.16 PALM--Hand	PHYSIOLOGY LECTURE PY – 2.2 Plasma proteins	BREAK	ANATOMY DISSECTION – (AN-12.12) Nerves and vessels of posterior compartment of forearm,	Tutorials AN- 8.1,8.2,8.4 ulna (osteology)	Anatomy – SGT – duputytern contracture of palmar fascia

		muscles with movements			extensor retinaculum,		and tenosynovitis
<u>11/10/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 5.10 Lymph	BIOCHEMISTRY LECTURE BI-2.1 Enzymes- definition, classification and properties	BREAK	Biochemistry- BI-2.1 Enzymes- mechanism of action, enzyme kinetics	CM (Lecture)CM1.3 Concepts of causation of disease.	<u>Physiology Tutorials</u> - Plasma proteins - lymph
<u>12/10/19</u> <u>SAT</u>	Formative Assessment PHYSIOLOGY- Blood	ANATOMY LECTURE AN – 12.9 Facial spaces of hand and digital sheaths	ECE = PHYSIOLOGY Visit to BLOOD BANK			Mentor-mentee meeting	

3rd week

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>
<u>14/10/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN – 67.1-67.3 Histology of muscular tissue	PHYSIOLOGY LECTURE PY – 2.10 Immunity- I	BREAK	ANATOMY DISSECTION/DOAS – palmar muscles ,surgical spaces and fibrous flexor sheaths (AN – 12.9)	<u>Anatomy practicals</u> – ‘ A ’ batch – bone (AN-71.1) <u>Physiology practicals</u> – B batch – Enumeration of WBC (PY-2.11) <u>Biochemistry practicals</u> – C batch – demonstration of paper Chromatography(BI 11.5)
<u>15/10/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY – 2.10 Immunity- II	ANATOMY LECTURE AN- 12.14-12.15 Vessels and nerves of hand	BREAK	ANATOMY DISSECTION/DOAS Vessels and nerves of hand. REYNAULDS SYNDROME-CBL (AN – 12.14-12.15)	<u>Anatomy practicals</u> – ‘ B ’ batch – bone (AN-71.1,) <u>Physiology practicals</u> – C batch - Enumeration of WBC (PY-2.11) <u>Biochemistry practicals</u> – A batch -

							demonstration of paper Chromatography(BI 11.5)
<u>16/10/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI- 2.4 Enzyme inhibition, Regulation of Enzyme activity	ANATOMY LECTURE AN – 13.3 Joints of upper limb	BREAK	ANATOMY DISSECTION – joints of upper limb, dislocation of elbow joint and colles fracture---CBL (AN – 13.3)		<u>Anatomy practicals</u> – ‘ C’ batch – Bone (AN- 71.1) <u>Physiology practicals</u> – A batch - Enumeration of WBC <u>(PY-2.11)</u> <u>Biochemistry practicals</u> – B batch- demonstration of paper Chromatography(BI 11.5)
<u>17/10/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN-74.2 Genetics – chromosomes, structures, classification and karyotyping	PHYSIOLOGY LECTURE PY – 3.1-3.2 Neurons, neuroglia, nerve fibers, nerve growth factors, cytokines	BREAK	ANATOMY DISSECTION – surface marking and radiology of upper limb (AN – 13.5)		Osteology Tutorials – 8.1,8.2,8.4 skeleton of hand Anatomy – SGT – palmar wounds and surgical incisions
<u>18/10/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 1.8 Resting membrane potential	BIOCHEMISTRY LECTURE BI-2.5 Diagnostic enzymology	BREAK	Biochemistry – SGT – BI- 2.5 Isoenzymes as diagnostic tool	CM (Lecture)CM1.4 Natural History of disease	<u>Physiology Tutorials</u> - Immunity -Neurons, neuroglia, nerve fibers, nerve growth factors, cytokines -Resting membrane potential
<u>19/10/19</u> <u>SAT</u>	Formative Assessment Biochemistry	ANATOMY LECTURE AN – 13.1 Lymphatic drainage and venous drainage of upper limb	ECE- BIOCHEMISTRY –BI-2.6/2.7 Visit to medicine wards- Diagnostic and Therapeutic uses of enzymes				Mentor mentee meeting

4th week

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>
<u>21/10/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN -68.1-68.3 Histology of nervous tissue	PHYSIOLOGY LECTURE PY – 1.8 Action potential	BREAK	ANATOMY DISSECTION – revision of upper limb and viva	<u>Anatomy practicals</u> – ‘A’ batch – Muscular tissue (67.1-67.3) <u>Physiology practicals</u> – B batch – Absolute eosinophil count (PY-2.11) <u>Biochemistry practicals</u> – principles of colorimetry (BI 11.6)
<u>22/10/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY – 3.2 Properties of nerve fibers, neuronal degeneration and regeneration	ANATOMY LECTURE AN – 15.1 Anterior compartment of thigh-cutaneous innervation and muscles	BREAK	ANATOMY DISSECTION – introduction to lower limb and anterior compartment of thigh (AN- 15.1)	<u>Anatomy practicals</u> – ‘B’ batch - Muscular tissue (67.1-67.3) <u>Physiology practicals</u> – C batch– Absolute eosinophil count (PY-2.11) <u>Biochemistry practicals</u> – principles of colorimetry(BI 11.6)
<u>23/10/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-17.1 Chemistry of Nucleotides	ANATOMY LECTURE AN – 15.3 Femoral triangle in detail	BREAK	ANATOMY DISSECTION– Femoral triangle and anterior compartment of thigh (AN -15.3)	<u>Anatomy practicals</u> – ‘C’ batch – Muscular tissue (67.1-78.3) <u>Physiology practicals</u> – A batch– Absolute eosinophil count (PY-2.11) <u>Biochemistry practicals</u> – principles of colorimetry(BI 11.6)
<u>24/10/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN – 75.1 genetics structural and numerical aberrations of chromosomes and mosaicism	PHYSIOLOGY LECTURE PY – 3.7 Classification of muscles, structure of skeletal muscle	BREAK	ANATOMY DISSECTION – Femoral triangle (AN – 15.3)	Osteology Tutorials – hip bone, acetabular feacture ,coxa vera and valga Anatomy – SGT – karyotyping and lyon’s hypothesis
<u>25/10/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 3.8-3.12,3.17 Properties of	BIOCHEMISTRY LECTURE BI-17.1	BREAK	Biochemistry – SGT BI-17.1 Structure	CM (Lecture)CM1.5 Interventions at various <u>Physiology Tutorials</u> - Action potential - Properties of nerve fibers, neuronal degeneration and

		skeletal muscle fibers	Structure and types of DNA		and types of RNA, Cell cycle	levels of Prevention.	regeneration - Classification of muscles, structure of skeletal muscle - Properties of skeletal muscle fibers
<u>26/10/19</u> <u>SAT</u>	Formative Assessment Anatomy Theory – forearm and hand	ANATOMY LECTURE AN – 15.1-15.2 adductor canal and Medial compartment of thigh	<u>Physiology Tutorials/SGT</u> - Fibrinolytic system, anticlotting mechanism, anticoagulants -Bleeding disorders and investigations, Blood groups and transfusion reactions - Plasma proteins, lymph, Immunity -Neurons, neuroglia, nerve fibers, nerve growth factors, cytokines -Resting membrane potential, Action potential - Properties of nerve fibers, neuronal degeneration and regeneration - Classification of muscles, structure of skeletal muscle, Properties of skeletal muscle fibers				Mentor mentee meeting

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>
<u>28/10/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN -69.1-69.3 Histology of blood vessels	PHYSIOLOGY LECTURE PY – 3.4 Neuromuscular junction(NMJ)- structure, events occurring across NMJ	BREAK	ANATOMY DISSECTION – adductor canal and medial compartment of thigh (AN – 15.1-15.2)	<u>Anatomy practicals</u> – ‘A’ batch – (AN -68.1-68.3) nervous tissue <u>Physiology practicals</u> – B batch – differential leucocyte count (PY-2.11) <u>Biochemistry practicals –C Batch Techniques- ELISA(BI-11.6)</u>
<u>29/10/19</u> <u>TUE</u>	---	---	HOLIDAY	---	---	---

<u>30/10/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI -3.2/3.3 Digestion and absorption of carbohydrates	ANATOMY LECTURE AN – 16.1-16.2 Gluteal region Gluteus Maximus and structures under cover	BREAK	ANATOMY DISSECTION– Gluteal region Gluteus Maximus and structures under cover (AN -16.1-16.2)	Anatomy practicals – ‘C’ batch - nervous tissue (AN -68.1-68.3) <u>Physiology practicals</u> – A batch– differential leucocyte count (PY-2.11) <u>Biochemistry practicals - C Batch</u> Techniques- ELISA (BI-11.6)	
<u>31/10/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN – 74.1-74.3 genetics laws of inheritance and clinical syndromes	PHYSIOLOGY LECTURE PY – 3.5,3.6 Drugs acting on NMJ, EMG, Skeletal muscle disorders	BREAK	ANATOMY DISSECTION– Gluteal region Gluteus Maximus and structures under cover, nerves and vessels (AN -16.1-16.2)	Osteology Tutorials – hip bone acetabular feacture ,coxa vera and valga	Anatomy – SGT – femoral vein and artery – cannulations, venae sections, varicose veins
<u>01/11/19</u> <u>FRI</u>	<u>HOLIDAY</u>	<u>HOLIDAY</u>	<u>HOLIDAY</u>	<u>HOLIDAY</u>	<u>HOLIDAY</u>	<u>HOLIDAY</u>	<u>HOLIDAY</u>
<u>02/11/19</u> <u>SAT</u>	Formative Assessment Anatomy Theory- front of thigh and gluteal region	ANATOMY LECTURE AN – 16.4-16.5 Posterior compartment of thigh and lumbosacral plexus	ECE- anatomy–sciatica and femoral hernia – visit to surgery wards			Mentor mentee meeting	

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM- 11.15AM</u>	<u>11AM-11.15AM</u>	<u>2-4PM</u>
<u>04/11/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN -71.1 Histology of Salivary gland	PHYSIOLOGY LECTURE PY – 3.8-3.9,3.11 Smooth muscles	BREAK	ANATOMY DISSECTION – Posterior compartment of thigh and fibular nerve entrapment	<u>Anatomy practicals</u> – ‘A’ batch – Blood vessels(AN -69.1-69.3) <u>Physiology practicals</u> – B batch – Differential leucocyte count (PY-2.11) <u>Biochemistry practicals</u> –C Batch

						Estimation of AST/ALT-Demonstration(11.13)	
05/11/19 TUE	YOGA	PHYSIOLOGY LECTURE PY – 3.9,3.10,3.17 Excitation- contraction, coupling	ANATOMY LECTURE AN – 16.4,16.5 Popliteal Fossa Boundaries contents &relations	BREAK	ANATOMY DISSECTION – Popliteal Fossa		<u>Anatomy practicals</u> – ‘B’ batch - Nervous tissue &– Blood vessels(AN - 69.1-69.3) <u>Physiology practicals</u> – C batch– Differential leucocyte count (PY-2.11) <u>Biochemistry practicals</u> –A Batch Estimation of AST/ALT- Demonstration(11.13)
06/11/19 WED	ENGLISH	BIOCHEMISTRY LECTURE BI-3.4/3.5/3.7 Glycolysis-Pathway, regulation, Inhibitors	ANATOMY LECTURE AN – 17.1-17.3 Hip Joint and dislocations	BREAK	ANATOMY DISSECTION– – Popliteal Fossa (AN -16.6) CBL-Popliteal pulse and haemorrhage		<u>Anatomy practicals</u> – ‘C’ batch – Blood vessels(AN -69.1-69.3) <u>Physiology practicals</u> – A batch– Differential leucocyte count (PY-2.11) <u>Biochemistry practicals</u> –B Batch Estimation of AST/ALT- Demonstration(11.13)
07/11/19 THU	YOGA	ANATOMY LECTURE Embryology AN – 77.4-77.6 Fertilisation , cleavage & ART	PHYSIOLOGY LECTURE PY – 6.1 Introduction to respiratory system	BREAK	ANATOMY DISSECTION– AN – 17.1-17.3 Hip Joint & VIVA		Osteology Tutorials – Femur & fractures femur Anatomy – SGT – psoas abscess intra gluteal Injection
08/11/19 FRI	AETCOM	PHYSIOLOGY LECTURE PY – 6.2 Mechanics of breathing	BIOCHEMISTRY LECTURE BI-3.4/3.5/3.7 Gluconeogenesis- Pathway, regulation, Inhibitors	BREAK	BIOCHEM – SGT- BI- 3.4/3.5/3.7 Glycogen Metabolism	CM (Lecture)CM1.6 Concepts of health Promotion and Education.	<u>Physiology tutorials</u> - Smooth muscles - Excitation-contraction, coupling -- Introduction to respiratory system - Mechanics of breathing
09/11/19 SAT	Formative Assessment – Physiooology- Nerve muscle	ANATOMY LECTURE AN –18.1-18.3 Anterior	ECE- Physiology-Visit to medicine and orthopedics wards		Mentor mentee meeting		

	physiology	compartment of leg and Dorsum of Foot.		
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	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>	
<u>11/11/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN -70.2 Histology of lymphnode & thymus	PHYSIOLOGY LECTURE PY – 6.2 Surface tension, Lung compliance	BREAK	ANATOMY DISSECTION –Anterior compartment of Leg, sural nerve graft (AN –18.1-18.3)	Anatomy practicals – ‘A’ batch. AN -71.1 Salivary glands Physiology practicals – B batch – Differential leucocyte count (PY-2.11) Biochemistry practicals –C Batch Estimation of ALP- Demonstration(11.14)	
<u>12/11/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY – 6.2 Alveolar ventilation, V/P ratio	ANATOMY LECTURE AN – 18.5,18.7 Knee Joint	BREAK	ANATOMY DISSECTION Knee Joint and injuries, (AN – 18.5,18.7) CBL- Knee Joint injuries, Osteoarthritis	Anatomy practicals –‘B’ batch . AN -71.1 Salivary glands Physiology practicals – C batch– Differential leucocyte count (PY-2.11) Biochemistry practicals – A Batch Estimation of ALP- Demonstration(11.14)	
<u>13/11/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-3.6 TCA cycle- Amphibolic and anaplerotic reactions.	ANATOMY LECTURE AN – 19.1-19.4 Lateral compartment& Posterior compartment of Leg.	BREAK	ANATOMY DISSECTION– Lateral compartment& Posterior compartment of Leg. AN – 19.1-19.4	Anatomy practicals – C batch – AN -71.1 Salivary glands. Physiology practicals – A batch– Differential leucocyte count (PY-2.11) Biochemistry practicals – B batch Estimation of ALP- Demonstration(11.14)	
<u>14/11/19</u>	YOGA	ANATOMY	PHYSIOLOGY	BREAK	ANATOMY	Osteology	Anatomy – SGT –

THU		LECTURE Embryology AN – 78.1-78.3 IInd Week of Development, implantation, blastocyst& Development of Trophoblast.	LECTURE PY – 6.2 Diffusion of gases		DISSECTION– Lateral compartment & Muscles of posterior compartment SGT- concept of peripheral heart		Tutorials – Tibia & Patella , fracture with compartment syndrome	Foot Drop- anatomical basis CBL- patellofemoral syndrome
15/11/19 FRI	AETCOM	PHYSIOLOGY LECTURE PY – 6.3 Transport of oxygen	BIOCHEMISTRY LECTURE BI-3.4/3.5/3.7. HMP Shunt Pathway	BREAK	BIOCHEM – SGT-BI- 3.8 Regulation of Blood Glucose	CM (Lecture)CM1.7 Indicators of Health.	Physiology Tutorials - Surface tension, Lung compliance - Alveolar ventilation, V/P ratio - Diffusion of gases - Transport of oxygen	
16/11/19 SAT	Formative Assessment	ANATOMY LECTURE AN –19.2 Nerves and vessels of posterior compartment of leg.	ECE- BIOCHEM-BI-3.9/3.10 Interpretation of Blood glucose levels, Role of Glycosylated Hb in Management of diabetes			Mentor mentee meeting		

	8-9AM	9-10AM	10-11AM	11AM- 11.15AM	11.15AM-1.15PM	2-4PM
18/11/19 MON	KANNADA	ANATOMY LECTURE AN -70.2 Histology of Spleen and Palatine tonsil	PHYSIOLOGY LECTURE PY-6.3 Transport of Carbon dioxide	BREAK	ANATOMY DISSECTION – AN 19.1-19.4 Posterior compartment of Leg	<u>Anatomy practicals</u> – ‘A’ batch – AN -70.2 lymphnode & thymus <u>Physiology practicals</u> – B batch – Haemoglobin estimation (PY-2.11) <u>Biochemistry practicals</u> – C Batch Estimation of Blood Glucose levels (BI-11.21)
19/11/19 TUE	YOGA	PHYSIOLOGY LECTURE PY-6.3	ANATOMY LECTURE AN- 19.5	BREAK	ANATOMY DISSECTION I & II layer of Sole	<u>Anatomy practicals</u> –‘B’ batch AN -70.2. lymphnode & thymus <u>Physiology practicals</u> – C batch–

		Neural regulation of respiration	I & II layer Muscles ,Nerves & Vessels Sole		AN 19.5		Haemoglobin estimation (PY-2.11) <u>Biochemistry practicals – A Batch</u> Estimation of Blood Glucose levels (BI-11.21)
<u>20/11/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-3.4/3.5/3.7. Minor Metabolic Pathways of Glucose Metabolism	ANATOMY LECTURE AN- 19.5 III & IV layer of sole-Muscles Nerves & Vessels	BREAK	ANATOMY DISSECTION– AN .19.5 I & II layer Sole		<u>Anatomy practicals – ‘C</u> AN -70.2. lymphnode & thymus <u>Physiology practicals – A batch–</u> Haemoglobin estimation (PY-2.11) <u>Biochemistry practicals – B batch</u> Estimation of Blood Glucose levels (BI-11.21)
<u>21/11/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE Embryology AN –79.1-79.3 Neurulation, Primitive streak	PHYSIOLOGY LECTURE PY-6.3 Chemical regulation of respiration	BREAK	ANATOMY DISSECTION– III , IV th layer of Sole of Foot		Osteology Tutorials – Fibula Anatomy – SGT – Foot Drop Population PULSE & anatomist
<u>22/11/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY-6.6 Hypoxia	BIOCHEMISTRY LECTURE BI-6.6 Biological Oxidation, Components and Reactions of ETC	BREAK	BIOCHEM – SGT BI-6.6 Oxidative Phosphorylation	CM (Lecture)CM 1.8 Demographic Profile of India & its impact on health.	<u>Physiology tutorials</u> - Transport of CO2 -Neural regulation respiration -Chemical regulation of respiration - Hypoxia
<u>23/11/19</u> <u>SAT</u>	Formative Assessment	ANATOMY LECTURE AN – 19.5 Arches of Foot and its importance	ECE- PHYSIOLOGY TUTORIALS			Mentor mentee meeting	

<u>25/11/19</u>	KANNADA	ANATOMY	PHYSIOLOGY	BREAK	ANATOMY	<u>Anatomy practicals – A batch –</u>
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<u>MON</u>		LECTURE AN -80.2-3 Histology of placenta & Umbilicord	LECTURE PY-6.5 Deep sea physiology- Dysbarism		DISSECTION AN – 19.5 Arches of Foot CBL- flat foot ,club foot	AN -70.2 Histology of Spleen and Palatine tonsil <u>Physiology practicals</u> – B batch – Blood grouping, Bleeding time, Clotting time <u>Biochemistry practicals</u> – C Batch Estimation of Blood Glucose levels (BI-11.21)	
<u>26/11/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY-6.5 High altitude physiology – Acclimatization	ANATOMY LECTURE AN – 20.1,-20.2 Ankle joint and other joints of Lowerlimb.	BREAK	ANATOMY DISSECTION – Ankle joint (AN- 20.1-20.2)	<u>Anatomy practicals</u> -B batch – AN -70.2 Histology of Spleen and Palatine tonsil <u>Physiology practicals</u> – C batch– Blood grouping, Bleeding time, Clotting time (PY-2.11) <u>Biochemistry practicals</u> –A Batch Estimation of Blood Glucose levels (BI-11.21)	
<u>27/11/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-6.9/6.10 Metabolism of Minerals-Calcium & Phosphorus	ANATOMY LECTURE AN – 21.3-21.7 Introduction to thoracic wall Boundarie of apertures & Intercostal space.	BREAK	ANATOMY DISSECTION– Surface anatomy & radiology of lower limb.(AN -20.6)	<u>Anatomy practicals</u> – C batch – AN -70.2 Histology of Spleen and Palatine tonsil <u>Physiology practicals</u> – A batch– Blood grouping, Bleeding time, Clotting time (PY-2.11) <u>Biochemistry practicals</u> –B Batch Estimation of Blood Glucose levels (BI-11.21)	
<u>28/11/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE AN – Derivatives of germ layers & Folding of embryo	PHYSIOLOGY LECTURE PY-11.4, 11.8 Cardiorespiratory changes during exercise	BREAK	ANATOMY DISSECTION – Surface anatomy & radiology of lower limb.(AN -20.6) Viva – lower limb	Osteology Tutorials – Fibula &Skeleton of foot	Anatomy – SGT – CTEV Flat foot.

<u>29/11/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY-6.6 Cyanosis, Asphyxia, Apnoea, Periodic breathing, Artificial respiration	BIOCHEMISTRY LECTURE BI-6.9/6.10 Metabolism of Minerals-Iron Copper	BREAK	Biochemistry SGT- BI- 6.9/6.10 Metabolism of micro minerals	CM (Lecture)CM1.8 Health and Disease Pattern in developed and developing regions	<u>Physiology Tutorials</u> - -Deep sea physiology- Dysbarism - High altitude physiology - Acclimatization -Cardiorespiratory changes during exercise - Cyanosis, Asphyxia, Apnoea, Periodic breathing, Artificial respiration	
<u>30/11/19</u> <u>SAT</u>	Formative Assessment PHYSIOLOGY	ANATOMY LECTURE AN 24.1 Pleura	<u>Tutorials physiology</u> - Smooth muscle - Neuromuscular junction(NMJ)-structure, events occurring across NMJ, Excitation-contraction coupling, Drugs acting on NMJ, EMG, Skeletal muscle disorders - Introduction to CVS, Coronary circulation, Cardiac muscle – Structure and Properties, Conducting system of heart, Cardiac cycle, ECG, Heart rate, cardiac arrhythmia, Cardiac output, Hemodynamics of blood					

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM- 11.15AM</u>	<u>11AM-11.15AM</u>	<u>2-4PM</u>
<u>02/12/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN 25.1 Histology of Trachea &Lung	PHYSIOLOGY LECTURE PY- 6.7 Pulmonary function tests	BREAK	ANATOMY DISSECTION – AN – 21.3-21.7 Introduction to thoracic wall -Boundaries, apertures &typical	<u>Anatomy practicals – ‘A’ batch.</u> AN 25.1 Histology of Trachea &Lung <u>Physiology practicals – B batch –</u> ESR,PCV,Blood indices (PY-2.12) <u>Biochemistry practicals –C Batch</u> Estimation of Calcium and

					Intercostal space.	Phosphorus- Demonstration (BI-11.11)
<u>03/12/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY-6.7 Pathophysiology of COPD	ANATOMY LECTURE AN – 24.2 Lungs	BREAK	ANATOMY DISSECTION AN- 24.1 Pleura CBL- Pneumothorax & Hydrothorax	<u>Anatomy practicals – ‘A’ batch.</u> AN 25.1 Histology of Trachea & Lung <u>Physiology practicals – C batch–</u> ESR,PCV,Blood indices (PY-2.12) <u>Biochemistry practicals - A batch</u> Estimation of Calcium and Phosphorus- Demonstration (BI-11.11)
<u>04/12/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-6.9/6.10 Metabolism of Micro minerals	ANATOMY LECTURE AN – 24.3-21.11 Bronchopulmonary segments of Lungs, Introduction to mediastinum	BREAK	ANATOMY DISSECTION– – AN – 24.2 Lungs SGT- BRONCHOGENIC CARCINOMA	<u>Anatomy practicals – ‘A’ batch.</u> AN 25.1 Histology of Trachea & Lung <u>Physiology practicals – A batch–</u> ESR,PCV,Blood indices (PY-2.12) <u>Biochemistry practicals – B’ batch</u> Estimation of Calcium and Phosphorus- Demonstration (BI-11.11)
<u>05/12/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE Embryology AN – 80.3,81.1-81.3 Placenta, fetal membrane - structure Function and clinical anatomy	PHYSIOLOGY LECTURE PY-6.6 Pulmonary circulation , Pulmonary edema	BREAK	ANATOMY DISSECTION– AN – Lungs & Mediastinum	Osteology Tutorials – Typical ribs Anatomy – SGT – Pleural effusion & thoracocentesis
<u>06/12/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 5.1,5.10 Introduction to CVS, Coronary circulation	BIOCHEMISTRY LECTURE BI-4.1 Chemistry of lipids- Definition,	BREAK	BIOCHEM – SGT- BI-4.1 Chemistry of lipids- fatty acids, CM (Lecture) CM 3.1 Health hazards of	<u>Physiology tutorials</u> - Pulmonary function tests - Pathophysiology of COPD -Pulmonary circulation , Pulmonary edema

			Classification.		functions, properties	air pollution and prevention.	- Introduction to CVS, Coronary circulation
<u>07/12/19</u> <u>SAT</u>	Formative Assessment Pleura and lung discussion	ANATOMY LECTURE AN –22.1,22.2 Pericardium, sinuses and External features of Heart.	ECE- ANATOMY PLEURAL EFFUSION (MEDICINE WARD)			Mentor mentee meeting	

	<u>8-9AM</u>	<u>9-10AM</u>	<u>10-11AM</u>	<u>11AM-11.15AM</u>	<u>11.15AM-1.15PM</u>	<u>2-4PM</u>
<u>09/12/19</u> <u>MON</u>	KANNADA	ANATOMY LECTURE AN -52.1 Histology of Tongue	PHYSIOLOGY LECTURE PY – 5.2 Cardiac muscle – Structure, Properties of heart	BREAK	ANATOMY DISSECTION – Pericardium, sinuses Pericardial effusion & Cardiac tamponade	<u>Anatomy practicals – ‘A’ batch</u> AN -80.2-3 <u>Histology of placenta & Umbilicord</u> <u>Physiology practicals – B batch –</u> Revision of haematology practicals <u>Biochemistry practicals –SGT- C batch</u> Diagnostic and Therapeutic uses of enzymes(BI-2.6/2.7)
<u>10/12/19</u> <u>TUE</u>	YOGA	PHYSIOLOGY LECTURE PY – 5.1,5.2,5.4 Conducting system of heart	ANATOMY LECTURE AN -22.2 Interior of Heart	BREAK	ANATOMY DISSECTION External features of Heart	<u>Anatomy practicals – ‘A’ batch</u> AN -80.2-3 <u>Histology of placenta & Umbilicord</u> <u>Physiology practicals – C batch–</u> Revision of haematology practicals <u>Biochemistry practicals – SGT- A batch</u> Diagnostic and Therapeutic uses of enzymes(BI-2.6/2.7)

<u>11/12/19</u> <u>WED</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-4.1 Chemistry of lipids- Phospholipids, Cholesterol	ANATOMY LECTURE AN –22.3-22.5 Blood supply of Heart and cardiac catheterization	BREAK	ANATOMY DISSECTION– AN -22.2 Interior of Heart & Valvular heart diseases of heart		Anatomy practicals – ‘A’ batch AN -80.2-3 Histology of placenta & Umbilicord <u>Physiology practicals</u> – A batch– Revision of haematology practicals <u>Biochemistry practicals</u> – SGT-B’ batch Diagnostic and Therapeutic uses of enzymes(BI-2.6/2.7)	
<u>12/12/19</u> <u>THU</u>	YOGA	ANATOMY LECTURE Embryology AN – 25.2 Development of CVS - I	PHYSIOLOGY LECTURE PY – 5.3 Cardiac cycle – I	BREAK	ANATOMY DISSECTION– AN -22.2 Interior of Heart and blood supply of heart		Osteology Tutorials – Atypical ribs	Anatomy – SGT – anatomical basis of CAD- Angina, MI, Cardiac referred pain
<u>13/12/19</u> <u>FRI</u>	AETCOM	PHYSIOLOGY LECTURE PY – 5.3 Cardiac cycle – II	BIOCHEMISTRY LECTURE BI-4.2 Digestion and absorption of lipids	BREAK	BIOCHEM – SGT--BI- 3.9/3.10 Interpretatio n of Blood glucose levels	CM (Lecture) CM 3.1 Health hazards of noise and radiation Pollution and its preventio n.	<u>Physiology Tutorials</u> - Cardiac muscle – Structure, Properties - Conducting system of heart - Cardiac cycle	
<u>14/12/19</u> <u>SAT</u>	Formative Assessment	ANATOMY LECTURE AN-22.6,22.7 Fibrous skeleton of heart and conducting system	ECE- PHYSIOLOGY – Visit to medicine, Chest & TB wards		Mentor mentee meeting			

3rd week of December –Internal assessment examination of Theory & practical’s

23rd December 2019 – feedback from students

4th week of December—Sports/Extra-curricular activities