

PEOPLE'S COLLEGE OF MEDICAL SCIENCES & RESEARCH CENTRE
PRE-CLINICAL DEPARTMENTS
TIME TABLE OF IST PROFESSIONAL MBBS 2019-20 BATCH

Color Codes

Anatomy

Biochemistry

Physiology

AETCOM

Sports

ECE

SDL

Community medicine

DATE:

| DAY | TIME | | | | | |
|--------------------------------|--|--|---|-----------------------|--|---|
| | 8 – 9am (Interactive-lecture) | 9 – 10am (Interactive-lecture) | 10 – 12pm (DOAP/Practical-DOAP) | 12 – 1pm | 1 – 3pm (SGT/Demo) | 3 – 4pm |
| Cell Block | | | | | | |
| Monday 02/09/2019 | Anatomical terminologies AN1.1 (Interactive-lecture) | Introduction of Physiology (Interactive-lecture) | Physiology Microscope, stains and procedure Py 0 Introduction Amphibian PY0.1 Biochemistry(Batch C) BI11.1 SGD | L U N C H | Anatomy Histology Batch A: Microscope and common objects Anat: tutorials- SGD(SGD 2 batches- 4hrs) | SDL Biochemistry |
| Tuesday 03/09/2019 | Parts, blood supply of long bone with laws of ossification AN 2.1,2.2&2.3 (Interactive-lecture) | Bone and Bone marrow AN1.2 (Interactive Interactive- lecture) | Physiology Microscope, stains and procedure Py 0 Introduction Amphibian PY0.1 Biochemistry : BI11.1 SGD | | Anatomy Batch B: Microscope and common objects Anat: tutorials- SGD(SGD 2 batches- 4hrs) | Structure and functions of mammalian cell (PY1.1) (Interactive-lecture) |
| Wednesday 04/09/2019 | intercellular communication and Apoptosis (PY1.3)and 1.4 (Interactive Interactive- lecture) (Interactive Interactive- | Cell BI 1.1 | Physiology Batch B Microscope, stains and procedure Py 0 Batch C: Introduction Amphibian PY0.1 Biochemistry: BI11.1 SGD | | Anatomy Batch C: Microscope and common objects Other batches : Clavicle AN8.1 & 8.3 Anat: tutorials- SGD(SGD 2 | Cell BI 1.1 (Interactive-lecture) |

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| | | | | | batches- 4hrs) | | |
| Thursday 05/09/2019 | BI 5.1 PROTEIN/AMINOACIDS (Interactive-lecture) | Joints AN 2.5&2.6 (Interactive-lecture) | Anatomy: Dissection Bone Demo:AN2.1-2.6 | | Physiology tutorials-SGD : SGD | Sports 3-4pm Sports 4-5pm | |
| Friday 06/09/2019 | Epithelium AN65.1 (Interactive-lecture) | describe and discuss the priciples of Homeostasis (PY1.2) Interactive- lecture) | Anatomy: Dissection Bone Demo:AN2.1-2.6 | | ECECharts anat | | |
| Saturday 07/09/2019 | describe and discuss transport mechanisms across the cell membrane (py 1.5) | Epithelium AN65.1, (Interactive- lecture) | Anatomy: Dissection Bone Demo:AN2.1-2.6 | | Tutorials-SGD: amino acid and protein classification | Body fluids | |
| END of WEEK 1 | | | | | | | |
| Monday 09/09/2019 | Pectoralis major and minor AN 9.1 Interactive-lecture) | describe and discuss transport mechanisms across the cell membrane (py 1.5) | Physiology RBC- PY2.11 Amphibian Graph skeleton muscle –I PY 3.18 Biochemistry BI 11.2 SGD | L U N C H | Anatomy Histology Batch A B C EpitheliumAN65.1 & 65.2 SGD/ practicals | Community Medicine Interactive-lecture | |
| Tuesday 10/09/2019 | Holiday | | | | Holiday | | |
| Wednesday 11/09/2019 | Holiday | | | | Holiday | | |
| Body fluids | | | | | | | |
| Thursday 12/09/2019 | BI6.7 water and electrolytes(sharing with physiology) | Water and electrolytes PY | Anatomy/Dissection Pectoral region and mammary gland AN 9.1 to 9.3 | | | Physiology Tutorial: Body fluids | Sports (3-4pm) Sports(4-5pm) |
| Friday 13/09/2019 | Breast AN 9.3 AN 10.4 & 10.7 (Vertical | Breast AN 9.2 | Anatomy/Dissection Pectoral region and mammary gland | | ECE | charts physio | |

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| | Integration) | | AN 9.1 to 9.3 | | | |
| Saturday 14/09/2019 | Describe the composition and functions of blood components Discuss the origin, forms, variations and functions of plasma proteins PY 2.1/2.2 (Vertical Integration) | SDL Anatomy | Anatomy/Dissection Pectoral region and mammary gland AN 9.1 to 9.3 | | Tutorials-SGD: Electrolytes | Erythropoiesis PY2.3 |
| End of Week 2 | | | | | | |
| Monday 16/09/2019 | Connective tissue AN66.1&66.2 Interactive-lecture) | ErythropoiesisDescribe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin, structure &functions of RBC (PY2.3) Interactive-lecture) | Physiology Batch A Hb estimation PY2.11 Amphibian Graph skeleton muscle –II PY 3.18 Biochemistry C Normal constituents of urineBI11.3, 11.4 Normal urine DOAP | L U N C H | Anatomy Histology Batch A Demonstration connective tissue 66.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL of Biochemistry |
| Tuesday 17/09/2019 | Axilla boundaries and contents and Axillary artery AN 10.1&10.2 Interactive-lecture) | Enzymes classification, active centre BI2.1 Interactive-lecture) | Physiology RBC- PY2.11 Amphibian Graph skeleton muscle –I PY 3.18 BI 11.2- Buffers and Ph | | Anatomy Histology Batch B Demonstration connective tissue 66.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL of Physiology |
| Wednesday 18/09/2019 | Structure &functions of neuron and neuroglia discuss NGF and other growth factors/cytokines (PY3.1) | Brachial plexuses AN 10.3 Interactive-lecture) | Physiology RBC- PY2.11 Amphibian Graph skeleton muscle –I PY 3.18 Biochemistry Batch A BI 11.2- Buffers and Ph | | Anatomy Histology Batch C Demonstration connective tissue 66.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | Enzymes BI2.4 Interactive-lecture) |

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| Thursday 19/09/2019 | BI2.4 Catalysis, ENZYME ACTIVITY, MM equation Interactive-lecture) | Brachial plexus AN 10.3, 10.5 & 10.6 Interactive-lecture vertical integration) | Anatomy/Dissection Axilla and brachial plexus AN 10.1 to 10.5 | | Physiology Tutorial : PCT General physiology |
| | | | | | Sports (3-4pm) |
| | | | | | Sports (4-5pm) |
| Friday 20/09/2019 | Introduction to embryology AN 76.1, 76.2 Interactive-lecture) | Describe RBC formation (erythropoiesis & its regulation) and its functions 2.4 Interactive-lecture) | Anatomy/Dissection Axilla and brachial plexus AN 10.1 to 10.5 | | ECEbiochemistry Charts |
| | | | | | ECE |
| Saturday 21/09/2019 | Describe Types, classification and properties of nerve fiber (PY3.2) Pharmacology Vertical Integration | Microscopy bone AN 71.1 Interactive-lecture) | Anatomy/Dissection Axilla and brachial plexus AN 10.1 to 10.5 | | Tutorials-SGD: enzyme, factors regulating |
| | | | | | SDL Anatomy |

END of WEEK 3

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| Monday 23/09/2019 | Spermatogenesis 77.3 Interactive- lecture) | Describe WBC formation (granulopoiesis) and its regulation PY2.6 Interactive- lecture) | Physiology WBC- PY- 2.11 Amphibian Graph skeleton muscle –III PY 3.18 Biochemistry C BI11.4 Perform abnormal urine Practical DOAP | L U N C H | Anatomy Histology Batch A Demonstration AN 71.1 Bone Anat: tutorials- SGD(SGD 2 batches- 4hrs) | Community Medicine Interactive-lecture |
| Tuesday 24/09/2019 | Oogenesis and ovarian cycle 77.3&77.2 Interactive- lecture) | BI2.4 Enzyme Inhibitions, factors regulating enzyme activity Interactive- lecture) | Physiology Batch C: Hb estimation PY2.11 Batch A: Amphibian Graph skeleton muscle –II PY 3.18 PY 3.18 | | Anatomy Histology Batch B Demonstration AN 71.1 Bone Anat: tutorials- SGD(SGD 2 batches- 4hrs) | SDL physiology Hemoglobinopathies |

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| | | | <p>Biochemistry B Normal constituents of urineBI11.3, 11.4 Normal urine DOAP</p> | | | |
| <p>Wednesday 25/09/2019</p> | <p>Nerve muscle-degeneration and regeneration PY 3.3 Interactive-lecture)</p> | <p>Arterial Anastomosis around the scapula with triangle of auscultation 10.9 Interactive-lecture)</p> | <p>Physiology Batch B: Hb estimation PY2.11 Batch C: Amphibian Graph skeleton muscle –II PY 3.18</p> <p>Biochemistry A Normal constituents of urineBI11.3, 11.4 Normal urine DOAP</p> | | <p>Anatomy Histology Batch C Demonstration AN 71.1 Bone Anat: tutorials-SGD(SGD 2 batches-4hrs)</p> | <p>AETCOM(1.1)</p> |
| <p>Thursday 26/09/2019</p> | <p>BI2.5 Clinical enzymology-1 Vertical integration)</p> | <p>Deltoid and rotator cuff muscles 10.10 &10.13 Interactive-lecture)</p> | <p>Anatomy/Dissection Shoulder and scapular region 10.8 to 10.13</p> | <p>Physiology Tutorial</p> | <p>Shoulder joint 10.12 Interactive-lecture)</p> | |
| <p>Friday 27/09/2019</p> | <p>Shoulder joint 10.12 Interactive-lecture vertical integration)</p> | <p>Define and classify different types of immunity. Describe the development of immunity and its regulation PY2.10 Interactive-lecture)</p> | <p>Anatomy/Dissection Shoulder and scapular region 10.8 to 10.13</p> | | <p>AETCOM 1.1</p> | <p>AETCOM SDL</p> |

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| <p>Saturday 28/09/2019</p> | <p>describe the structure of neuromuscular junction and transmission of impulses (PY3.4)</p> <p>describe the fluid compartments of the body, its ionic composition and measurements and describe the concept of pH & buffer system of the body (PY 1.6 & 1.7 Interactive-lecture)</p> | <p>SDL Anatomy</p> | <p>Anatomy/Dissection Shoulder and scapular region 10.8 to 10.13</p> | | <p>Community Medicine Practical</p> | <p>Sports (3-4pm)</p> <p>Sports (4-5pm)</p> |
| <p>END of WEEK 4</p> | | | | | | |
| <p>Monday 30-09-2019</p> | <p>Cartilage AN 71.1 & 2.4 Interactive-lecture)</p> | <p>Describe the formation of platelets, functions and</p> | <p>Physiology RBC indices PY2.11 Amphibian Graph - Cardiac muscle –I PY 3.18</p> | <p>L U N</p> | <p>Anatomy Histology Demonstration Cartilage 71.1 Anat: tutorials-</p> | <p>SDL of Biochemistry</p> |

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| | | variations.PY 2.7 Interactive-lecture) | PY3.18 Biochemistry(C) BI11.5 Colour reaction of proteins DOAP | C H | SGD(SGD 2 batches-4hrs) | |
| Tuesday 01/10/2019 | Menstrual cycle and ovarian cycle 77.1&77.2 Interactive-lecture) | BI5.2 structure of HB And BI6.12 Interactive-lecture) | WBC- PY- 2.11 Amphibian Graph skeleton muscle –III PY 3.18 Biochemistry(B) BI11.4 Perform abnormal urinePractical DOAP | | Anatomy Histology Demonstration Cartilage 71.1 Anat: tutorials-SGD(SGD 2 batches-4hrs) | SDL physiology |
| Wednesday 02/10/2019 | Holiday | | | | Holiday | |
| Thursday 03/10/2019 | BI 6.11 Heme metabolism ALIGNEMENT | 1 st week of development Fertilization to implantation 77. 4 | Anatomy/Dissection Front and back of arm with cubital fossa AN 11.1 to AN 11.6 | | Physiology Tutorial | Sports (3-4pm) |
| | | | | | | Sports (4-5pm) |
| Friday 04/10/2019 | Boundaries and contents of cubital fossa, Anatomical basis of venipuncture of cubital veins AN 11.3&11.5 | Describe the different types of muscle fibres and their structure (PY3.7) Interactive-lecture) | Anatomy/Dissection Front and back of arm with cubital fossa AN 11.1 to AN 11.6 | | ECE anatomy video | |
| Saturday 05/10/2019 | Boundaries and contents of cubital fossa, Anatomical basis of venipuncture of | SDL Anatomy Nerve injuries | Anatomy/Dissection Front and back of arm with cubital fossa AN 11.1 to AN 11.6 | Biochemistry tutorials-SGD: heme | Action potential –PY-3.8 | |

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| | cubital veins AN 11.3&11 (Interactive- lecture vertical integration) | | | | | |
| END of week 5 | | | | | | |
| Monday 07/10/2019 | Microscopy of muscle AN 67.1,67.2&67.3 (Interactive- lecture) | Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion PY 2.9 (Interactive- lecture) Vertical integration | Physiology DLC- PY2.11 Amphibian graphs Cardiac muscles-I PY3.18 BIOChemistry C: BI 11.6,11.18 Describe the principles of colorimetry/ spectrophotometry DOAP | L U N C H | Anatomy Histology Demonstration of muscular tissue 67.1,67.2&67.3 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | Community Medicine Interactive-lecture |
| Tuesday 08/10/2019 | Holiday | | | | Holiday | |
| Wednesday 09/10/2019 | Describe the action potential and its properties in different muscle types (PY 3.8) (Interactive- lecture) | Contraception, fertility and sterility AN 77.5&77.6 (Interactive- lecture) Vertical integration | WBC- PY- 2.11 Amphibian Graph skeleton muscle –III PY 3.18 BI11.4(A) Perform abnormal urine Practical DOAP | | Anatomy Histology Demonstration of muscular tissue 67.1,67.2&67.3 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | Heme metabolism BI 6.11 (Alignment) |

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| Thursday 10/10/2019 | BI2.6, BI 2.7 Clinical enzymology Vertical integration | General anatomy vascular system AN 5.1 to 5.8 Interactive-lecture) | Anatomy/Dissection Of forearm both flexor and extensor compartment with flexor retinaculum and carpal tunnel syndrome AN 12.1 to 12.4 | | Physiology Tutorial Sports (3-4pm) Sports (4-5pm) |
| Friday 11/10/2019 | Flexor retinaculum and carpal tunnel syndrome 12.4 Interactive-lecture) | describe the molecular basis of muscle contraction in skeletal muscle and smooth muscle (PY3.9) Interactive-lecture) | Anatomy/Dissection Of forearm both flexor and extensor compartment with flexor retinaculum and carpal tunnel syndrome AN 12.1 to 12.4 | | ECE physiology (charts) |
| Saturday 12/10/2019 | Describe the mode of muscle contraction (isotonic and isometric) explain energy source and muscle metabolism, (PY3.10 ,3.11, 3.12 and 3.17) Interactive-lecture) | SDL Anatomy Carpal tunnel syndrome | Anatomy/Dissection Of forearm both flexor and extensor compartment with flexor retinaculum and carpal tunnel syndrome AN 12.1 to 12.4 | | Community Practical gradation of muscular activity and describe strength duration curve (PY3.10 ,3.11 |

END of WEEK 6

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| <p align="center">Monday 14/10/2019</p> | <p>Vascular tissue AN 69.1, 69.2 & 69.3 Interactive- lecture)</p> | <p>Muscle contraction 3.9</p> | <p>Physiology Blood grouping Amphibian graphs Cardiac muscles-III PY3.18 BI 11.7,11.21Estimation of Serum Creatinine and Creatinine Clearance DOAP</p> | <p align="center">L U N C H</p> | <p>Anatomy Histology Demonstration of vascular tissue AN 69.1 to 69.3 Anat: tutorials- SGD(SGD 2 batches- 4hrs)</p> | <p align="center">SDL of Biochemistry</p> |
| <p align="center">Tuesday 15/10/2019</p> | <p>2nd week of development AN 78.1 to 78.3 Interactive- lecture)</p> | <p>BI 3.1 Chemistry monosaccharides and disaccharides D. lecture</p> | <p>Physiology RBC indices PY2.11 Amphibian Graph - Cardiac muscle –I PY 3.18 Biochemistry BI11.5 Colour reaction of proteins DOAP</p> | | <p>Anatomy Histology Demonstration of vascular tissue AN 69.1 to 69.3 Anat: tutorials- SGD(SGD 2 batches- 4hrs)</p> | <p align="center">Community Medicine Interactive-lecture</p> |
| <p align="center">Wednesday 16/10/2019</p> | <p>Mode of muscle contraction PY3.10</p> | <p>2nd week of development AN 78.4 & AN 78.5</p> | <p>Physiology RBC indices PY2.11 Amphibian Graph - Cardiac muscle –I PY 3.18 Biochemistry BI11.5 Colour reaction of proteins DOAP</p> | | <p>Anatomy Histology Demonstration of vascular tissue AN 69.1 to 69.3 Anat: tutorials- SGD(SGD 2 batches- 4hrs)</p> | <p align="center">AETCOM(1.1) 7</p> |
| <p align="center">Thursday 17/10/2019</p> | <p>BI3.2, 3.3,5.3 Digestion and absorption of carbohydrates and proteins Interactive- lecture)</p> | <p>Palmar spaces AN 12.10 Interactive- lecture)</p> | <p>Anatomy/Dissection of hand AN 12.5 to 12.15</p> | | <p>Physiology Tutorial</p> | <p align="center">Sports (3-4pm)</p> <hr/> <p align="center">Sports(4-5pm)</p> |
| <p align="center">Friday</p> | <p>Nerve injuries</p> | <p>Energy sources</p> | <p>Anatomy/Dissection of</p> | | | <p align="center">ECE biochemistry(reports)</p> |

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| 18/10/2019 | of upper limb AN 12.8, 12.13 Interactive-lecture) | and muscle metabolism PY3.11 to PY 3.12 Interactive-lecture) | hand AN 12.5 to 12.15 | | | |
| Saturday 19/10/2019 | Muscular myopathies PY3.13 Vertical integration | General anatomy lymphatic system AN 6.1 to 6.3 Interactive-lecture) | Anatomy/Dissection of hand AN 12.5 to 12.15 | | Tutorials-SGD: Digestion of carbs and proteins | SDL Anatomy: lymphatic drainage of upper limb |
| END of Week 7 | | | | | | |
| Monday 21/10/2019 | Microscopic anatomy of lymph node, spleen, thymus & tonsil AN 70.2 Interactive-lecture) | Introduction to CVS PY 5.1 | Physiology BTCT- PY2.11 Amphibian Graph - Cardiac muscle –II PY 3.18 Biochemistry BI11.8,11.21,11.22 Estimation of serum protein, albumin and A: G ratio DOAP | L U N C H | Anatomy Dissection/Histology Demonstration of Microscopic anatomy of lymph node, spleen, thymus & tonsil AN 70.2 Anat: tutorials-SGD(SGD 2 batches-4hrs) | Community Medicine Interactive-lecture |
| Tuesday 22/10/2019 | 3 rd week of development AN 79.1 to 79.3 Interactive-lecture) | BI5.3 urea cycle Interactive-lecture) | Physiology BT/CT PY2.11 Amphibian Graph - Cardiac muscle –I PY 3.18 / Biochemistry(B) BI 11.6,11.18 Describe the principles of Colorimetry/spectrophotometry Demo | | Anatomy Dissection/Histology Demonstration of Microscopic anatomy of lymph node, spleen, thymus & tonsil AN 70.2 Anat: tutorials-SGD(SGD 2 batches-4hrs) | SDL Biochemsitry |
| Wednesday 23/10/2019 | Describe the functional anatomy of respiratory tract PY6.1 | 3 rd week of development AN 79.3 to 79.6 Interactive-lecture) | Physiology BT/CT - PY2.11 Amphibian Graph - Cardiac muscle –I PY 3.18 Biochemistry(A) BI 11.6,11.18 Describe the principles of | | Anatomy Dissection/Histology Demonstration of Microscopic anatomy of lymph node, spleen, thymus & tonsil AN 70.2 Anat: tutorials- | 3 rd to 8 th week of development Interactive-lecture) |

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| | | | Colorimetry/ spectrophotometry DEMO | | SGD(SGD 2 batches- 4hrs) | |
| Thursday 24/10/2019 | BI3.4 ,BI3.5 ,BI3.7,BI3.8 glycolysis and gluconeogenesis D.Lecture | Superficial veins, dermatomes and radiological anatomy of upper limb AN13.2, 13.7 Interactive- lecture vertical integration | Anatomy/Dissection Joints, surface marking , dematomes& radiology of upperlimb AN13.1 to 13.7 | | Physiology Tutorial | Sports (3-4pm) |
| Friday 25/10/2019 | Skin AN 4.1 To 4.5 Interactive- lecture) | Properties of cardiac muscle PY5.2 | Anatomy/Dissection Joints, surface marking , dematomes& radiology of upperlimb AN13.1 to 13.7 | | | |
| Saturday 26/10/2019 | Describe the mechanics of normal respiration, pressure changes during ventilation PY 6.2 Vertical integration | SDL Anatomy Skin diseases | Anatomy/Dissection Joints, surface marking , dematomes& radiology of upperlimb AN13.1 to 13.7 | | AETCOM 1.1 | AETC OM SDL |
| END Of Week 8 | | | | | | |
| Monday 28-10-2019 | Holiday | Holiday | Holiday | L U N C | Holiday | Holiday |
| Tuesday 29/10/2019 | Histology of skin AN 72.1 Interactive- lecture vertical integration | BI3.4 ,BI3.5 ,BI3.7,BI3.8 glycogen metabolism, BI3.5 Interactive | 1. Estimate ESR/PCV/ osmotic fragility PY 2.12 2. record BP and pulse at rest and in different grades of exercise/ | | | Anatomy Histology Demonstration Skin AN 72.1 Anat: tutorials- SGD(SGD 2 batches- |

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| | | lecture | posture in a volunteer PY 5.12 BI 11.7,11.21 Estimation of serum creatinine and creatinine clearance | H | 4hrs) | | |
| Wednesday 30/10/2019 | Discuss the events occurring during the cardiac cycle PY 5.3 Vertical integration | Thoracic wall AN 21.1 to 21.3 Interactive- lecture) | 1. Estimate ESR/PCV/ osmotic fragility PY 2.12 2. record BP and pulse at rest and in different grades of exercise/ posture in a volunteer PY 5.12 BI 11.7,11.21 Estimation of serum creatinine and creatinine clearance) | | Anatomy Histology Demonstration Skin AN 72.1 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | Sports(3-4pm) | |
| Thursday 31/10/2019 | BI3.4 ,BI3.5 ,BI3.7,BI3.8 HMP Interactive- lecture) | Inter costal space 21.4 to 21.10 Interactive- lecture) | Anatomy/Dissection Thoracic cage, intercostal space and its contents 21.1 to 21.11 | | Physiology Tutorial Cardiac cycle | Thoracic wall AN 21.1 to 21.3 Interactive-lecture) | |
| Friday 01/11/2019 | Placenta AN 80.3&80.5 Interactive- lecture) | Transport ventilation, V/P ratio, alveolar surface tension and compliance PY 6.2 of respiratory gases PY6.3 Interactive- lecture) | Anatomy/Dissection Thoracic cage, intercostal space and its contents 21.1 to 21.11 | | ECE anatomy videos | ECE | |
| Saturday 02/11/2019 | Describe generation, | Umbilical cord AN80.2 & 80.7 | Anatomy/Dissection Thoracic cage, intercostal | | Tutorials-SGD : carb metabolism | SDL Anatomy : anomalies of placenta | |

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| | conduction of cardiac impulse PY 5. Interactive-lecture)4 PY5.4 | Interactive-lecture) | space and its contents 21.1 to 21.11 | | | |
| END of week 9 | | | | | | |
| Monday 04/11/2019 | Histology of placenta and umbilical cord Vertical integration | Work of breathing , diffusion capacity of lungs PY 6.2 | Estimate ESR/PCV/ osmotic fragility PY 2.12 Amphibian graphs – cardiac muscle -III BI 11.9, 11.10 Serum Cholesterol and HDL,TGL DOAP | L U N C H | Anatomy Histology Demonstration of placenta and umbilical cord Anat: tutorials-SGD(SGD 2 batches-4hrs) | Community medicine Interactive-lecture |
| Tuesday 05/11/2019 | Pleura AN 24.1 Interactive-lecture) | BI3.9 Blood glucose hoemostasis Vertical integration | Estimate platelets count 2.Examine JVP and Arterial Pulse tracing by finger plethysmography PY 5.16 BI11.8,11.21,11.22 Estimation of serum protein, albumin and A: G ratio DOAP | | Anatomy Histology Demonstration of placenta and umbilical cord Anat: tutorials-SGD(SGD 2 batches-4hrs) | SDL physiology: ECG |
| Wednesday 06/11/2019 | Describe the physiology of electrocardiogram (E.C.G), its wave form PY 5.5 VERTICAL INT MEDICINE | Lung AN 24.1 to 24.6 Interactive-lecture) | Physiology Estimate platelets count 2.Examine JVP and Arterial Pulse tracing by finger plethysmography PY 5.16 BI11.8,11.21,11.22 Estimation of serum protein, albumin and A: G ratio DOAP | | Anatomy Histology Demonstration of placenta and umbilical cord Anat: tutorials-SGD(SGD 2 batches-4hrs) | Teratology & fetal age estimation AN77.6 & 80.6 Interactive-lecture) |

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| Thursday 10/10/2019 | BI3.10 Diabetes and its complication Vertical integration | Twinning AN 80.4 Interactive-lecture) | Anatomy/Dissection Lung & pleura AN 24.1 to 24.6 & 25.1 | | Physiology Tutorial | Sports (3-4pm) | |
| | | | | | | Sports(4-5pm) | |
| Friday 07/11/2019 | Teratology & fetal age estimation AN77.6 & 80.6 Interactive-lecture vertical itegration | Describe and discuss lung function tests | Anatomy/Dissection Lung & pleura AN 24.1 to 24.6 & 25.1 | | ECE physiology charts/ videos | | |
| Saturday 08/11/2019 | cardiac axis and applications of ECG PY 5.5 Vertical integration | SDL Anatomy: fetal age estimation | Anatomy/Dissection Lung & pleura AN 24.1 to 24.6 & 25.1 | | Community Practical | cardiac axis and applications of ECG –II PY 5.5 | |
| END of WEEK 10 | | | | | | | |
| Monday 10/11/2019 | Histology of lung and trachea Interactive-lecture) | Define and Describe lung volume and capacities Interactive-lecture) | Estimate platelets count 2.Examine JVP and Arterial Pulse tracing by finger plethysmography PY 5.16 BI 11.11 Calcium and phosphorous DOAP | L U N C H | Anatomy Histology Demonstration of lung and trachea Anat: tutorials-SGD(SGD 2 batches-4hrs) | SDL of Biochemistry | |
| Tuesday 12/11/2019 | Holiday | | | | | holiday | |
| Wednesday 13/11/2019 | BI3.10 Diabetes and its complications Vertical integration | Mediastinum AN 21.11 Vertical integration | DLC Record B.P. and arterial pulse at rest and at different grades of exercise and posture PY-5.12 BI 11.9, 11.10 Serum Cholesterol and HDL,TGL DOAP | | | Anatomy Histology Demonstration of lung and trachea Anat: tutorials-SGD(SGD 2 batches-4hrs) | Sports |

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| Thursday 14/11/2019 | BI5.4 Protein metabolism(1) Interactive- lecture) | Pericardium AN 22.1 Vertical integration | Anatomy/Dissection Heart and pericardium AN 22.1 to 22.5 | | Physiology Tutorial : ECG | Sports |
| Friday 15/11/2019 | Chambers of the heart 22.2 Interactive- lecture) | Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide PY 6.3 | Anatomy/Dissection Heart and pericardium AN 22.1 to 22.5 Histology/Demonstration | | ECE biochemistry Reports/ casescenarios | |
| Saturday 16/11/2019 | Describe regulation of respiration | Blood supply of the heart AN 22.3to 22.5 (vertical integration) | Anatomy/Dissection Heart and pericardium AN 22.1 to 22.5 | | FA 1: class test followed by feedback- biochemsitry | Anatomy Interactive- lecture Chambers of the heart 22.2 Interactive- lecture) SDI Anatomy : ischemic heart diseases |
| End of week 11 | | | | | | |
| Monday 18/11/2019 | Mediastinum AN 23.1 to 23.3 Interactive- lecture) | Describe and discuss haemodynamics of circulatory system-i PY 5.7 Vertical integration | DLC Record B.P. and arterial pulse at rest and at different grades of exercise and posture PY-5.12 BI 11.13 Estimations AST/ALT DOAP | L U N C H | Anat Interactive- lecture Blood supply of the heart AN 22.3to 22.5 Interactive-lecture) (vertical integration | Community Medicine Interactive-lecture |
| Tuesday 19/11/2019 | Mediastinum AN 23.4 to 23.7 Interactive- lecture) | BI5.4 Protein metabolism(2) Interactive- lecture) | DLC Record B.P. and arterial pulse at rest and at different grades of exercise and posture PY-5.12 BI 11.11 | | Development of hear Interactive-lecture)t AN 25.3 | SDL physiology: IHD |

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| | | | Calcium and phosphorous DOAP | | | |
| Wednesday 20/11/2019 | Describe and discuss local and systemic cardiovascular regulatory mechanisms PY 5.8 Vertical integration | Development of heart 25.3 Interactive-lecture) | Estimate platelets count 2.Examine JVP and Arterial Pulse tracing by finger plethysmography PY 5.16 BI 11.9, 11.10 Serum Cholesterol and HDL,TGL DOAP | | FA Anatomy 1 followed by feedback | Anatomy Interactive-lecture Fetal circulation 25.4 Interactive-lecture) Sports(3-4pm) Sports(4-5pm) |
| Thursday 21/11/2019 | BI 5.4 protein metabolism(3) Interactive-lecture) | Development of heart 25.3 & 25.4 Interactive-lecture) | Anatomy/Dissection Mediastinum 23.1 to 23.7 | | Physiology Tutorial | Sports (3-4pm) Sports (4-5pm) |
| Friday 22/11/2019 | Fetal circulation 25.4 Interactive-lecture) | Define Heart rate Describe the factors affecting heart rate, regulation of heart rate PY 5.9 Vertical integration | Anatomy/Dissection Mediastinum 23.1 to 23.7 | | AETCOM | AETCOM SDL |

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| <p>Saturday 23/11/2019</p> | <p>Describe and discuss the physiology of high altitude PY 6.4 Vertical integration</p> | <p>SDL Anatomy: Congenital anomalies of heart</p> | <p>Anatomy/Dissection Mediastinum 23.1 to 23.7</p> | | <p>Community Medicine Practical</p> | <p>Regulation of respiration</p> |
| <p>END of week 12</p> | | | | | | |
| <p>Monday 25-11-2019</p> | <p>Holiday</p> | <p>Holiday</p> | <p>Holiday</p> | <p>L U N C H</p> | <p>Holiday</p> | <p>Holiday</p> |
| <p>Tuesday 26/11/2019</p> | <p>Development of arterial arches AN 25.6 Interactive-lecture)</p> | <p>Lipid chemistry BI4.1/4.2 Interactive-lecture)</p> | <p>DLC PHYSIOLOGY REVISION BI 11.13 Estimations AST/ALT DOAP</p> | | <p>Hip bone AN 14.1 to 14.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>SDL of Physiology/</p> |
| <p>Wednesday 27/11/2019</p> | <p>Define cardiac output, factors affecting cardiac output, PY 5.9</p> | <p>Development of arterial arches AN 25.6 Interactive-lecture)</p> | <p>DLC PHYSIOLOGY REVISION BI 11.11 Calcium and phosphorous DOAP</p> | | <p>Femur AN 14.1 to 14.3 Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | |
| <p>Thursday 28/11/2019</p> | <p>Lipid chemistry BI4.1/4.2 Interactive-lecture)</p> | <p>Chromosomes AN 73.1 to 73.3 Interactive-lecture)</p> | <p>Anatomy/Dissection Xray, barium swallow & surface marking AN 25.7 to 25.9</p> | <p>Physiology Tutorial -CO</p> | <p>Sports</p> | |

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| Friday 29/11/2019 | Karyotyping AN 73.2 Interactive- lecture) | regulation of cardiac output and measurement PY5.9 | Anatomy/Dissection Xray, barium swallow & surface marking AN 25.7 to 25.9 | | ECE Anatomy (charts) | |
| Saturday 30/11/2019 | Describe and discuss the physiology of high altitude PY 6.4 | Pedigree AN 74.2 chart Interactive- lecture) | Anatomy/Dissection Xray, barium swallow & surface marking AN 25.7 to 25.9 | | Biochemistry Tutorials- SGD/protein metabolism | SDL Anatomy |
| End of Week 13 | | | | | | |
| Monday 02/12/2019 | Pattern of inheritance AN 74.1 to 74.3 Interactive- lecture) | Define Blood pressure Describe the factors affecting BP, PY Vertical integration 5.9 | Estimate platelets count 2.Examine JVP and Arterial Pulse tracing by finger plethysmography PY 5.16 BI11.14 Estimation of ALP DOAP | L U N C H | Karyotyping and genetic charts AN 73.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | Community Medicine Interactive- lecture |
| Tuesday 03/12/2019 | HOLIDAY | holiday | Holiday | | | |
| Wednesday 04/12/2019 | Describe and discuss the High altitude physiolog and acclimatization . PY6.5 | Femoral triangle and femoral hernia AN 15.3 & 15.4 Interactive- lecture) | PHYSIOLOGY REVISION/SGT BI 11.13 Estimations AST/ALT DOAP | | | Karyotyping and genetic charts AN 73.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) |

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| <p>Thursday 05/12/2019</p> | <p>Digestion and absorption of lipids BI 4.2,4.3 Interactive-lecture)</p> | <p>Venous drainage of lowerlimb and varicosities of veins lowerlimb 20.3 Interactive-lecture vertical integration</p> | <p>Anatomy/Dissection front and medial side of the thigh AN 15.1 to 15.5</p> | | <p>Physiology Tutorial : scuba diving and precautions</p> | <p>Sports 3-4pm Sports 4-5pm</p> |
| <p>Friday 06/12/2019</p> | <p>Skin AN 4.1 to 4.5 Interactive-lecture)</p> | <p>Describe and discuss the pathophysiology of drowning, periodic breathing and decompression sickness PY 6.6</p> | <p>Anatomy/Dissection front and medial side of the thigh AN 15.1 to 15.5</p> | | <p>ECE physiology(reports/videos)</p> | |
| <p>Saturday 07/12/2019</p> | <p>Describe regulation of blood pressure py 5.9 Vertical integration</p> | <p>SDL Anatomy</p> | <p>Anatomy/Dissection front and medial side of the thigh AN 15.1 to 15.5</p> | | <p>Community Practical/DOAP</p> | <p>regulation of blood pressure-II- py 5.9</p> |
| <p>End of Week 14</p> | | | | | | |
| <p>Monday 09/12/2019</p> | <p>Skin AN 72.1 Interactive-lecture vertical intergration</p> | <p>principles of artificial respiration, oxygen therapy, hypoxia, cyanosis asphyxia</p> | <p>DLC Record and interpret normal ECG PY5.13 BI11.16 Observe the commonly done investigations BI 11.16</p> | <p>L U N C H</p> | <p>Histology skin AN 72.1 Other batches tibia and patella Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>SDL Biochemistry- Gall stones</p> |

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| <p>Tuesday 10/12/2019</p> | <p>Gluteal region AN 16.1 to 16.3 Interactive-lecture)</p> | <p>FA synthesis and breakdown BI 4.2 Interactive-lecture)</p> | <p>BT/CT REVISION Record and interpret normal ECG PY5.13</p> <p>BI11.14 Estimation of ALP DOAP</p> | <p>Histology skin AN 72.1 Other batches tibia and patella Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>community medicine Interactive-lecture</p> |
| <p>Wednesday 11/12/2019</p> | <p>Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects PY 11.4</p> | <p>Hip joint AN 17.1 to 17.3 Interactive-lecture)</p> | <p>BT/CT REVISION Record and interpret normal ECG PY5.13</p> <p>BI11.14 Estimation of ALP Vertical integrationDOAP</p> | <p>Histology skin AN 72.1 Other batches tibia, fibula and patella Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>AETCOM module 1.3</p> |
| <p>Thursday 12/12/2019</p> | <p>FA synthesis and breakdown BI 4.2 Interactive-lecture)</p> | <p>Hip joint AN 17.1 to 17.3 Interactive-lecturevertical integration)</p> | <p>Anatomy/Dissection Gluteal region and back of thigh AN 16.1 to 16.6</p> | <p>Physiology Tutorial</p> | <p>Sports</p> |
| <p>Friday 13/12/2019</p> | <p>Chromosomal aberrations AN 75.1 & 75.2 to 75.4 Interactive-lecture)</p> | <p>Pathophysiology of Cyanosis, dyspnoea, asphyxia, periodic breathing</p> | <p>Anatomy/Dissection Gluteal region and back of thigh AN 16.1 to 16.6</p> | <p>ECE biochemistry(lab reports)</p> | |

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| <p>Saturday 14/12/2019</p> | <p>Principles of Artificial respiration Vertical integration</p> | <p>Genetic counseling AN 75.5 Interactive-lecture)</p> | <p>Anatomy/Dissection Gluteal region and back of thigh AN 16.1 to 16.6</p> | | <p>Biochemistry Tutorials-SGD: lipids</p> | <p>SDL Anatomy</p> |
| <p>END of week 15</p> | | | | | | |
| <p>Monday 16/12/2019</p> | <p>Knee joint AN 18.1 to 18.3 Interactive-lecture)</p> | <p>Describe & discuss microcirculation, capillary circulation and oedema PY 5.10</p> | <p>Physiology Seminar BI11.16 Observe the commonly Done investigation BI 11.16 Demo</p> | <p>L U N C H</p> | <p>Dissection popliteal fossa and Knee joint AN 18.1 to 18.3 And 16.6 Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>Community Medicine Interactive-lecture</p> |
| <p>Tuesday 17/12/2019</p> | <p>Knee joint 18.4 to 18.6 Interactive-lecture)</p> | <p>Cholesterol synthesis and breakdown BI 4.2 Interactive-lecture)</p> | <p>Physiology seminar BI11.16 Observe the commonly done investigation BI 11.16 Demo</p> | | <p>Dissection popliteal fossa and Knee joint AN 18.1 to 18.3 And 16.6 Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>SDL physiology exercise effects on systems</p> |
| <p>Wednesday 18/12/2019</p> | <p>Describe lymph and lymphatic circulation</p> | <p>Vertical integration applied anatomy of Hip joint and knee joint</p> | <p>Physiology seminar BI11.16 Observe the commonly</p> | | <p>Dissection popliteal fossa and Knee joint AN 18.1 to</p> | <p>SDL biochemistry</p> |

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| | PY 5.10 | By orthopedics AN 17.2,17.3&18.6, 18.7 Interactive- lecture) | Done investigation BI 11.16 Demo | | 18.3 And 16.6 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | |
| Thursday 19/12/2019 | Cholesterol synthesis and breakdown BI 4.2 Interactive- lecture) | Vertical integration applied anatomy of Hip joint and knee joint By orthopedics AN 17.2,17.3&18.6, Interactive- lecture) 18.7 | Anatomy Dissection/ histology Revision | | Physiology Tutorial : coronary circulation | Vertical integration applied anatomy of Hip joint and knee joint By orthopedics AN 17.2,17.3&18.6, 18.7 Interactive- lecture) |
| Friday 20/12/2019 | Back of leg AN 19.3,19.4 Interactive- lecture) | Discuss coronary circulation and pathophysiology of CAD | Anatomy Dissection/ histology Revision | | AETCOM 1.3 | AETCOM Module 1.3(SDL) |

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| <p>Saturday 21/12/2019</p> | <p>Describe cerebral circulation</p> <p>Describe & discuss regional circulation including skin, foetal, pulmonary and splanchnic circulation PY 5.10 VERTICLE WITH MEDICINE</p> | <p>SDL Anatomy Varicosities of vein</p> | <p>Anatomy Dissection/ histology Revision</p> | | <p>Physiology FA 1 followed by feedback</p> | <p>Back of leg AN 19.3,19.4</p> | Sports (3-4pm) |
| | | | | | | | Sports(4-5pm) |
| End of week 16 | | | | | | | |
| <p>Monday 30/12/19</p> | <p>Arches of Foot An19.4, 19.5 <u>Interactive-lecture</u></p> | <p>Describe the patho-physiology of shock, syncope</p> | <p>BT/CT REVISION Demonstrate</p> | | <p>L U</p> | <p>Dissection Front and lateral compartment of leg dorsum of the foot</p> | <p>SDL biochemistry: metabolic syndrome</p> |

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| | | and heart failure PY 5.11 | <p>Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment</p> <p>PY 3.16</p> <p>SPIROMETRY – PY 6.8 Physiology</p> <p>BI11.16 Observe the commonly Demo</p> | N C H | <p>AN18.1-18.4 Anat: tutorials-SGD(SGD 2 batches-4hrs)</p> | bariatric surgery |
| Tuesday 31/12/19 | Anatomical basis of flat and club foot AN 19.6,19.7 (Vertical integration) Interactive-lecture) | Lipoprotein metabolism BI 4.3 (Vertical integration) | <p>DLC REVISION</p> <p>Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment</p> <p>PY 3.16</p> <p>BI11.16 Observe the commonly Demo</p> | | <p>Dissection Front and lateral compartment of leg dorsum of the foot AN18.1-18.4 Anat: tutorials-SGD(SGD 2 batches-4hrs)</p> | SDL physiology- CSF |

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| Wednesday 1/1/20 | Demonstrate structure and function of kidney PY-7.1 | Joints of the foot AN 20.2 Interactive-lecture) | DLC REVISION Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment PY 3.16 Physiology BI11.16 Observe the commonly Demo | | Dissection Front and lateral compartment of leg dorsum of the foot AN18.1-18.4 Anat: tutorials-SGD(SGD 2 batches-4hrs) | Sdl anatomy |
| Thursday 2/1/20 | Lipoprotein metabolism BI 4.3 (Vertical integration) | Varicose veins and DVT An20.5 (Vertical integration) Interactive-lecture) | 4Dissection Back of leg and sole AN 19.1,19.2 Articulated foot AN 19.4,19.5 | | FA –II Followed by feedback-physiology | Sports |
| Friday 3/1/20 | Palpation of vessels AN20.9 (Vertical integration) Interactive-lecture) | P1. Describe the structure and functions of digestive system PY4.1 | 4Dissection Back of leg and sole AN 19.1,19.2 Articulated foot AN 19.4,19.5 | | ECE anatomy (charts/x-rays/reports) | |
| Saturday | Describe the | Development of | Dissection | | Biochemistry | SDL anatomy |

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| 4/1/20 | composition, mechanism of secretion, functions, and regulation of saliva PY4.2 | limbs AN20.3, 20.10 | Back of leg and sole AN 19.1,19.2 Articulated foot AN 19.4,19.5 | L U N C H | tutorials-SGD- lipid profile | | |
| End of WEEK 17 | | | | | | | |
| Monday 06/1/20 | Histology of esophagus and stomach AN52.1 Interactive-lecture) | functions, and regulation of gastric secretion py 4.2 | Ergography PY 3.14 Clinical examination of respiratory system PY6.9 Case interpretation /ECE BI2.7,3.10,4.5 SGD | | | Histology of esophagus and stomach AN52.1 Anat: tutorials-SGD(SGD 2 batches-4hrs) | Community medicine Interactive-lecture |
| Tuesday 07/1/20 | Atherosclerosis BI4.4 (Vertical integration | Anterior abdominal wall AN44.1, AN44.2 Interactive-lecture) | Ergography PY 3.14 Clinical examination of respiratory system PY6.9 Case interpretation /ECE BI2.7,3.10,4.5 SGD | | | Histology of esophagus and stomach AN52.1 Anat: tutorials-SGD(SGD 2 batches-4hrs) | SDLphysiology- effect of yoga |
| Wednesday 08/1/20 | Rectus sheath An 44.3 Interactive-lecture) | pancreatic, intestinal juices and bile secretion PY 4.2 | Ergography PY 3.14 Clinical examination of respiratory system PY6.9 Case interpretation | | Histology of esophagus and stomach AN52.1 Anat: tutorials-SGD(SGD 2 batches-4hrs) | SDL anatomy | |

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| | | | /ECE BI2.7,3.10,4.5 SGD | | | |
| Thursday 09/1/20 | Prostaglandins and eicosanoids BI4 Interactive-lecture) .6 | Inguinal canal AN 44.4, 44.5 Interactive- lecture) | Anterior abdominal wall and inguinal canal AN44.1-44.5 | | PHYSIOLOGY TUTORIAL SALIVA | Inguinal canal AN 44.4, 44.5 Interactive- lecturevertical integration |
| Friday 10/1/20 | Anterior abdominal wall and inguinal canal vertical Integration AN44.1-44.5 Interactive-lecture) | Describe GIT movements, regulation and functions PY 4.3 | Anterior abdominal wall and inguinal canal AN44.1-44.5 | ECE physiology(reports/videos) | | |
| Saturday 11/1/20 | Describe defecation reflex. Explain role of dietary fibre. PY 4.3 | SDL anatomy Testis | Anterior abdominal wall and inguinal canal AN44.1-44.5 | Community medicine practical- DOAP/DOAP | | Sports(3-4pm) Sports 4-5pm |
| End of week 18 | | | | | | |
| Monday | Histology of | Describe & | SPIROMETRY PY | | Histology of | SDL biochemistry brown adipose |

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| 13/1/20 | small intestine AN52.1 Interactive-lecture) | discuss gastric function tests, pancreatic exocrine function tests PY 4.8 | 6.8 Clinical examination of Abdomen PY4.10 SGD Case report 2 BI 5.5,6.811.20 | L U N C H | small intestine AN52.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | tissue |
| Tuesday 14/1/20 | Peritoneum AN47.1, 47.2 Interactive-lecture) | TCA and Biological oxidation BI3.6 Interactive-lecture) | SPIROMETRY PY 6.8 Clinical examination of abdomen PY4.10 / Biochemistry SGD Case report 2 BI 5.5,6.811.20 | | Histology of small intestine AN52.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL anatomy |
| Wednesday 15/1/20 | PY 7.2 J-G 29pparatus | Peritoneum AN47.1, 47.2, 47.3,47.4 (Vertical integration) Interactive-lecture) | SPIROMETRY PY 6.8 Clinical examination of abdomen PY4.10 / Biochemistry SGD Case report 2 BI 5.5,6.811.20 | | Histology of small intestine AN52.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL anatomy |
| Thursday 16/1/20 | TCA and Biological oxidation BI3.6 Interactive-lecture) | Peritoneum AN47.1, 47.2, 47.3,47.4 (Vertical integration) Interactive-lecture) | Peritoneum, stomach and liver AN47.12,47.5 | | PHYSIOLOGY TUTORIAL – GASTRIC SECRETION | sports |
| Friday 17/1/20 | Stomach AN47.5 Interactive-lecture) | GFR-2 PY 7. 3 | Peritoneum, stomach and liver AN47.12,47.5 | | ECE Biochemistry (charts) | |

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| <p>Saturday 18/1/20</p> | <p>Describe the physiology of digestion and absorption of nutrients PY 4.4</p> | <p>Liver AN47.5,47.7 Interactive-lecture</p> | <p>Peritoneum, stomach and liver AN47.12,47.5</p> | <p>Tutorials-SGD: Biological oxidation</p> | <p>SDL anatomy – liver cirrhosis</p> |
| <p align="center">End of Week 19</p> | | | | | |
| <p align="center">LIVER BLOCK</p> | | | | | |
| <p>Monday 20/1/20</p> | <p>Histology of liver gall bladder and pancreas AN52.1 Interactive-lecture</p> | <p>Describe & discuss the structure and functions of liver and gall bladder PY 4.2</p> | <p>1. Clinical examination of sensory system. PY10.11 2. Measurement of peak expiratory flow rate PY-6.10 Biochemistry Practical *** (ECE) LFT BI6.13,6.14,6.15 (alignment)</p> | <p>L U N C H</p> <p>Histology of liver gall bladder and pancreas AN52.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>Community medicine Interactive-lecture</p> |
| <p>Tuesday 21/1/20</p> | <p>Portal vein AN47.08 Interactive-lecture</p> | <p>Jaundice and porphyrias BI6.11 Vertical integration</p> | <p>1. 1. Clinical examination of sensory system. PY10.11 2. Measurement of peak expiratory flow rate PY-6.10 Biochemistry Practical *** (ECE) LFT BI6.13,6.14,6.15 (alignment)</p> | <p>Histology of liver gall bladder and pancreas AN52.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>SDL physiology- Liver cirrhosis</p> |

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| Wednesday 22/1/20 | Describe the source of GIT hormones, their regulation and functions PY 4.5 | Portosystemic anastomosis Vertical integration AN47.10 Interactive-lecture) | 1. 1. Clinical examination of sensory system. PY10.11 2. Measurement of peak expiratory flow rate PY-6.10 Biochemistry Practical *** (ECE) LFT BI6.13,6.14,6.15 (alignment) | | Histology of liver gall bladder and pancreas AN52.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | AETCOM module 1.3 |
| Thursday 23/1/20 | Fed and fasting state BI6.1 Interactive-lecture) | Extrahepatic Biliary Apparatus AN47.6 Interactive-lecture) | Dissection portal vein, extra hepatic biliary apparatus, spleen, pancreas, duodenum AN 47.5-47.9 | | PHYSIOLOGY TUTORIAL GFR | FA 1 Community medicine class test followed by feedback |
| Renal Block | | | | | | |
| Friday 24/1/2019 | Kidney AN47.5 Interactive-lecture) | mechanism of urine formation (tubular reabsorption , secretion and filtration) I PY 7. | Dissection portal vein, extra hepatic biliary apparatus, spleen, pancreas, duodenum AN 47.5-47.9 | | AETCOM 1.3 | AETCOM SDL |
| Saturday 25/1/2019 | Describe the Gut-Brain Axis PY 4.6 | Kidney AN47.5 Interactive-lecture vertical integration | Dissection portal vein, extra hepatic biliary apparatus, spleen, pancreas, duodenum AN 47.5-47.9 | | Community medicine practical | SDL anatomy - hydronephrosis |
| End of week 20 | | | | | | |
| Monday 27/1/20 | Histology of kidney ureter Interactive- | 3Acid base | 6. Examination of Motor system-I | L | Histology of kidney ureter and | SDL Biochemistry-anion gap importance |

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| | lecture)and bladder AN52.2 | balance PY 7.5 | PY 10.11 Visual acuity RFT BI6.13,6.14,6.15 (alignment) | U N C H <div style="border: 1px solid black; padding: 5px; display: inline-block;"> R E N A L S </div> | bladder AN52.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | | |
| Tuesday 28/1/20 | Diaphragm AN47.13,47.14 Interactive-lecture) | PH, Buffers, ABG BI6.7 (Alignment) | 6. Examination of Motor system-I PY 10.11 Visual acuity RFT BI6.13,6.14,6.15 (alignment) | | | Histology of kidney ureter and bladder AN52.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL physiology: acidification of urine |
| Wednesday 29/1/20 | Acidification of urine PY 7. | Development of GIT AN52.5,52.6 Interactive-lecture) | . 1. Examination of Motor system-I PY 10.11 Visual acuity / Biochemistry Practical***ECE RFT BI6.13,6.14,6.15 (alignment) | | | Histology of kidney ureter and bladder AN52.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | AETCOM 1.4 |
| Thursday 30/1/20 | PH, Buffers, ABG BI6.7 (Alignment) | Development of GIT AN52.5,52.6 Interactive-lecture) | Dissection Posterior abdominal wall AN45.1-45.3 | | | PHYSIOLOGY TUTORIALS-SGD FORMATION OF URINE | Sports |
| Friday 31/1/20 | Development of Kidney AN52.7 Interactive-lecture) | 55Acidification of urine PY 4. | Dissection Posterior abdominal wall AN45.1-45.3 | | | | ECE anatomy(charts) |

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| Saturday 01/02/20 | renal regulation of fluid and electrolyte balance PY 7.5 | Development of Kidney AN52.7 Interactive-lecture) | Dissection Posterior abdominal wall AN45.1-45.3 | | Biochemistry tutorials-SGD: ABG report interpretation | SDL anatomy :Congenital anomalies of kidney |
| End of Renal block | | | | | | |

End of Week 21

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| Monday 3/2/20 | Histology of large intestine and appendix AN52.1 Interactive-lecture) | Innervation of bladder & micturition reflex PY 7.6, Describe cystometry and discuss the normal cystometrogram 7.9 | Examination of MOTOR system –II REFLEXES PY-10.11 PERIMETRY –PY-10.20 Demo of commonly performed test BI11.16 | | Histology of large intestine and appendix AN52.1 Other batches lumbar vertebra and pelvis AN 53.1&53.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | Community Interactive-lecture |
| Tuesday 4/2/20 | Pelvic diaphragm AN 48.1&48.4 Interactive-lecture) | DNA and RNA structure BI 7.1 Interactive-lecture) | Examination of MOTOR system –II REFLEXES PY-10.11 Histology of large intestine and appendix AN52.1 PERIMETRY –PY-10.20 Demo of commonly performed test BI11.16 | | Histology of large intestine and appendix AN52.1 Other batches lumbar vertebra AN 53.1&53.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL physiology: Counter current mechanism |

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| Wednesday 5/2/20 | Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease PY 4.9 | Urinary bladder AN 48.1,48.5, 48.6 (Interactive-lecture) | <p>Examination of MOTOR system –II REFLEXES</p> <p>Demo of commonly performed test BI11.16</p> <p>PY-10.11</p> <p>PERIMETRY –PY-10.20</p> | | <p>Histology of large intestine and appendix AN52.1</p> <p>Other batches lumbar vertebra AN 53.1&53.2</p> <p>Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | sports |
| Thursday 6/2/20 | Dna and RNA structure BI7.1 (Interactive-lecture) | Uterus 38.1,48.5 & 48.8 (Interactive-lecture) | Dissection pelvis AN 48.1,48.2, 51.1,51.2 | | PHYSIOLOGY TUTORIAL MICTURATION | AETCOM 1.4 |
| Friday 7/2/20 | Uterus fallopian tube ovary 38.1,48.5 & 48.8 (Interactive-lecture vertical integration) | Describe & discuss the significance & implications of renal clearance PY 7.4, | Dissection pelvis AN 48.1,48.2, 51.1,51.2 | | ECE physiology (charts/reports) | |
| Saturday 8/2/20 | vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's | Uterus fallopian tube ovary 38.1,48.5 & 48.8 Vertical integration (Interactive-lecture) | Dissection pelvis AN 48.1,48.2, 51.1,51.2 | | Community practical/DOAP | SDL Anatomy |

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| | disease PY 4.9 | lecture) | | | | |
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End of week 22

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| Monday 10/2/20 | Histology of female reproductive system AN 52.2 Interactive-lecture) | Renal function test and applied PY7.8 | Examination of cranial nerves I,V,VII,IX PY 10.11, PY 10.20 2. REV Demo of commonly performed test BI11.16 | Histology of female reproductive system AN 52.2 Other batches lumbar vertebra and pelvis and sacrum AN 53.1&53.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL of biochemistry: genetic code | | |
| Tuesday 11/2/20 | Prostate AN 48.1 & 48.7 Interactive-lecture) | Replication and repair BI7.2 Interactive-lecture) | Examination of cranial nerves I,V,VII,IX PY 10.11, PY 10.20 2. REV Demo of commonly performed test BI11.16 | | | Histology of female reproductive system AN 52.2 Other batches lumbar vertebra and pelvis and sacrum AN 53.1&53.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL community medicine |
| Wednesday 12/2/20 | Classification & mechanism of action of hormones PY 8.6 | Male urethra AN 48.1 Interactive-lecture) | Examination of cranial nerves I,V,VII,IX PY 10.11,PY 10.20 Demo of commonly performed test BI11.16 2. REV/SGT | | | | |
| Thursday 13/2/20 | Replication and repair BI7.2 Interactive-lecture) | Prostate AN 48.1, 48.7 Vertical intergration Interactive-lecture) | Dissection pelvis AN 48.1,48.2, 51.1,51.2, 54.1,54.3, 55.1& 55.2 Demo of commonly performed test BI11.16 | | | Physiology tutorials-SGD Applied Renals | Rectum and anal canal AN 48.1 Interactive-lecture) |

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| Friday 14/2/20 | Rectum AN 48.1 Interactive-lecture) | Describe artificial kidney, dialysis and renal transplantation PY 7.7 | Dissection pelvis AN 48.1,48.2, 51.1,51.2, 54.1,54.3, 55.1& 55.2 Demo of commonly performed test BI11.16 | | ECE biochemistry | |
| Saturday 15/2/20 | Hypothalamus and Ant Pituitary - I PY 8.2 | SDL ANAT Anal canal AN 48.1 | Dissection pelvis AN 48.1,48.2, 51.1,51.2, 54.1,54.3, 55.1& 55.2 | | FA 2 Class test followed by feedback - Biochemistry | Histology of male reproductive system AN52.2 Interactive-lecture) |
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End of week 23

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| Monday 17/2/20 | Histology of male reproductive system AN52.2 Interactive-lecture) | Describe and discuss the Organization of Nervous system PY 10.1 | Examination of cranial nerves – III,IV,VI. PY 10.11, PY 10.20 Demo of commonly performed test BI11.16 | | Histology of male reproductive system AN52.2 Other batches Skull AN 26.1, 26.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | Community Interactive-lecture |
| Tuesday 18/2/20 | Scalp AN 27.1,27.2 Interactive-lecture) | Transcription BI7.2 Interactive-lecture) | Examina,ntion of cranial nerves – III,IV,VI. PY 10.11, PY 10.20 Demo of commonly performed test BI11.16 | | Histology of male reproductive system AN52.2 Other batches Skull AN 26.1, 26.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | SDL physiology: Action of hormones |

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| Wednesday 19/2/20 | Ant Pituitary – II PY 8.3 | Parotid gland 28.9 Interactive-lecture) | Examination of cranial nerves – III,IV,VI. PY 10.11, PY 10.20 Demo of commonly performed test BI11.16 | | |
| Thursday 20/2/20 | Translation BI 7.2Protein targeting Interactive-lecture) | Facial nerve 28.6,28.7 Interactive-lecture) | Dissection Scalp AN 27.1,27.2 | PHYSIOLOGY TUTORIAL MECHANISM OF ACTION OF HORMONES | Sports |
| Friday 21/2/20 | Holiday | holiday | | | |
| Saturday 22/2/20 | Describe and discuss functions and properties of Synapse I PY 10.2 Post Pituitary PY 8.2 | Bell's palsy and frey's syndrome 28.9,28.10 Interactive-lecture vertical integtraion | Dissection of face AN 28.1 to 28.4 | Community Practical /DOAP | SDL anatomy : LMN palsy |
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End of week 24

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| <p>Monday 24/2/20</p> | <p>Deep cervical fascia AN 35.1 Interactive-lecture)</p> | <p>Thymus and pineal gland PY 8.3</p> | <p>Examination of cranial nerves-X,XI,XII. PY 10.11</p> <p>Auditory and visual evoke potentials PY 10.19</p> <p>Seminar Biochemsitry</p> | | <p>Aanatomy Interactive-lecture face anterior triangle of neck and thyroid gland AN 28.1-28.4, Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>SDL biochemistry Vitamin D and diabetes or cancer relation</p> | |
| <p>Tuesday 25/2/20</p> | <p>Posterior triangle of neck AN 29.1 ,29.4 Interactive-lecture)</p> | <p>Targeting and sorting BI 9.3 Interactive-lecture)</p> | <p>Examination of cranial nerves-X,XI,XII. PY 10.11</p> <p>Auditory and visual evoke potentials PY 10.19</p> | | <p>Anatomy Interactive-lecture triangle of neck and thyroid gland AN 29.1, 29.4, 35.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs)</p> | <p>SDL physiology: Neurotransmitters</p> | |
| <p>Wednesday 26/2/20</p> | <p>Neurotransmitters and receptors PY 10.2 PY 10.10</p> | <p>Anterior triangle of neck AN 32.1,32.2 Interactive-lecture)</p> | <p>Examination of cranial nerves-X,XI,XII. PY 10.11</p> <p>Auditory and visual evoke potentials PY 10.19 Seminar Biochemsitry</p> | | <p>FA 2 anatomy class test followed by feedback</p> | <p>Anterior triangle of neck AN 32.1,32.2 Interactive-lecture</p> | <p>AETCOM 1.4</p> |

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| Thyroid block | | | | Thyroid Block | | |
| Thursday 27/2/20 | Vitamin D BI6.5 Vertical integration | Thyroid gland AN 35.2 Interactive- lecture) | Dissection face anterior triangle of neck and thyroid gland AN 28.1- 28.4, 29.1, 29.4, 35.2 | PHYSIOLOGY TUTORIAL ANT.PITUTARY | Sports3-4pm | |
| Friday 28/2/20 | Thyroid gland AN 35.2&35.8 Vertical integration Interactive-lecture) | Thyroid I PY.8.2, 8.4 | Dissection face anterior triangle of neck and thyroid gland AN 28.1 to 28.4 29.1, 29.4, 35.2 | | Sports4-5pm | |
| Saturday 29/2/20 | Thyroid II PY.8.2, 8.4 | SDI anatomy | Dissection face anterior triangle of neck and thyroid gland AN 28.1 to 28.4 29.1, 29.4, 35.2 | | ECE anatomy (charts) | |
| | | | | Tutorials-SGD biochemistry: Vitamin D | Histology of endocrine glands Thyroid, parathyroid, pancreas, adrenal & pituitary Interactive-lecture) | |

End of week 25

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| Monday 2/3/20 | Histology of endocrine glands Thyroid, parathyroid, pancreas, adrenal & pituitary Interactive- lecture) | Parathyroid gland PY 8.2 | EEG 10.12 Thyroid function test BI 11.16, 6.12-6.14 SGD | | Histology of endocrine glands Thyroid, parathyroid, pancreas, adrenal & pituitary Anat: tutorials- SGD(SGD 2 batches- 4hrs) | Community Medicine Interactive-lecture |
| Tuesday 3/3/20 | Dural folds and dural venous sinuses AN 30.3 Interactive- lecture) | Cavernous sinus AN 30.4 Interactive- lecture) | EEG 10.12 Thyroid function test BI 11.16, 6.12-6.14 SGD | | Histology of endocrine glands Thyroid, parathyroid, pancreas, adrenal & pituita Anat: tutorials-SGD(SGD 2 batches- 4hrs)ry | SDL physiology: Applied thyroid |
| Wednesday | Holiday | | Holiday | | | |

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| 4/3/20 | | | | | | |
| Thursday 5/3/20 | Branchial apparatus 43.4 (Interactive-lecture) | Vitamin D (Interactive-lecture) BI 6.5 | Dissection Dural folds and dural venous sinuses AN 30.3, 30.4 | | Physiology tutorials-SGD thyroid | Sports |
| Friday 6/3/20 | Mineral calcium BI6.9-6.10 (Alignment) | Physiology of bone & Calcium metabolism PY 8.1 | Dissection Dural folds and dural venous sinuses AN 30.3, 30.4 | | ECE physiology clinical dept visit | |
| Saturday 7/3/20 | Describe and discuss somatic sensations PY 10.3 | Branchial apparatus 43.4 (Interactive-lecture) | Embryology models | | Tutorials-SGD: iodine metabolism | SDI anatomy ;cavernous venous sinus thrombosis |
| End of week 26 | | | | | | |

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| Monday 9/3/20 | Holiday | holiday | | | | |
| Tuesday 10/3/20 | Histology of salivary glands AN 43.2 (Interactive-lecture) | Adrenal gland I (cortex)PY 8.2, 8.4 | Biochemistry AND Physiology Revision SGD | | Histology of salivary glands AN 43.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | Community medicine SDL |
| Wednesday 11/3/20 | Adrenal gland II (applied aspects)PY 8.2, 8.5 | Development of face AN 43.4 (Interactive-lecture) | Biochemistry AND Physiology Revision SGD | | Histology of salivary glands AN 43.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | AETCOM 1.4 |

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| Thursday 12/3/20 | Calcium BI6.9-6.10 Alignment and vertical integration | Development of face AN 43.4 Interactive- lecture) | Deep dissection of neck AN 35.1 to 35.8 | Physiology tutorials-SGD Adrenal gland | Sports (3-4pm) | |
| | Holiday | | | | Sports(4-5pm) | |
| Friday 13/3/20 | Holiday | | | | | |
| Saturday 14/3/20 | Adrenal gland I (cortex)PY 8.2, 8.4 Adrenal medulla PY 8.2 | SDL anat Cervical lymph nodes | Deep dissection of neck AN 35.1 to 35.8 AN 34.1&34.2 | Physiology FA 3 followed by feedback | Temporo- mandibular joint AN 33.2, 33.3 Interactive- lecture) | Pharynx AN 36.1, 36.5 Interactive- lecture) |
| End of week 27 | | | | | | |

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| Monday 16/3/20 | Temporo- mandibular joint AN 33.2, 33.3 Interactive- lecture) | Hypothalamus ,Thalamus - structure ,function and applied aspects PY 10.7 | BI 11.21 Estimation of blood glucose DOAP | Temporal and infra temporal fossa 33.1 &33.5 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | SDL Biochemistry HBA1c, OGTT | |
| Tuesday 17/3/20 | Pharynx AN 36.1, 36.5 Interactive- lecture)vertical integration | Diabetes Vertical integration | BI 11.21 Estimation of blood glucose DOAP | Temporal and infra temporal fossa 33.1 &33.5 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | SDL physiology hypothalamus | |
| Wednesday 18/3/20 | Endocrine Pancreas PY 8.2 | Tonsil and soft palate AN 36.1&36.2 Interactive- lecture) | BI 11.21 Estimation of blood glucose DOAP | Pharynx AN 36.1, 36.5 Tonsil and soft palate AN 36.1&36.2 Lateral wall of nasal cavity | AETCOM 1.4 | |

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| | | | | | AN 37.1 Anat: tutorials-SGD(SGD 2 batches-4hrs) | |
| Thursday 19/3/20 | Diabetes and complication Vertical integration | Lateral wall of nasal cavity AN 37.1 Interactive-lecture) | Pharynx AN 36.1, 36.5 Tonsil and soft palate AN 36.1&36.2 Lateral wall of nasal cavity AN 37.1 | | Physiology Tutorials-SGD HYPOTHALAMUS | Sports |
| Friday 20/3/20 | Paranasal air sinuses AN 37.2 Interactive-lecture) | Physiology of Pain and endogenous analgesia PY-10.3 | Pharynx AN 36.1, 36.5 Tonsil and soft palate AN 36.1&36.2 Lateral wall of nasal cavity AN 37.1 | | AETCOM module 1.4, 1.5 | AETCOM SDL |
| Saturday 21/3/20 | Physiology of Pain and endogenous analgesia PY-10.3 | Ear middle ear AN 40.2 Interactive-lecture) | Dissection ear AN 40.1,40.4, 40.4 | | Tutorials-SGD: structure of insulin receptor and insulin | SDL anatomy : tonsillitis and complications |

End of week 28

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| Monday 23/3/20 | Holiday | Holiday | holiday | | | |
| Tuesday 24/3/20 | Diabetes mellitus PY 8.2, 8.5 | Obesity BI 8.4 Vertical integration | Biochemistry AND Physiology Revision SGD | | Tutorials Biochemistry SGD | SDL physiology Pain |
| Wednesday 25/3/20 | Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, | Revision class | Biochemistry AND Physiology Revision SGD Biochemistry AND Physiology Revision SGD | | Physiology tutorials SGD | AETCOM 1.5 |

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| | Stress response. Outline the psychiatry component pertaining to metabolic syndrome.PY 8.5 | | | | | |
| | 26 /3/20—1/4/20 II INTERNAL ASSESMENT | | | | | |

End of week 29

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| tHRUSDAY 2/4/20 | Holiday | holiday | | | | |
| Friday 3/4/20 | Larynx AN 38.1,38.3 Interactive-lecture) | Organization of motor system (motor neurons, muscle spindle and golgi tendon organ | Dissection Larynx AN 38.1,38.3 | | ECE biochemistry (clinical visit medicine) | |
| Saturday 4/4/20 | Describe and discuss functions of cerebral cortex PY 10.7 | Larynx AN 38.1,38.3 Vertical integration Interactive-lecture) | Dissection Larynx AN 38.1,38.3 | | Biochemistry tutorials-SGD: q paper discussion | SDL anatomy |

End of week 30

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| Monday 6/4/20 | Holiday | Holiday | | | Holiday | Holiday |
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| Tuesday 7/4/20 | Reflex arc , classification of reflexes(stretch ,inverse stretch and withdrawal reflex | Diabetes investigation Vertical integration | Physiology tutorials : SGD Biochemistry Seminar | | Cranial cavity, mandible, cervical vertebrae AN 26.3,26.4,26.5,26.7 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | SDL community medicine |
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| Wednesday 8/4/20 | descending pathways (pyramidal and Extrapyramidal Tract PY 10.4 | Suboccipital triangle AN 42.1,42.3 Interactive- lecture) | Physiology tutorials : SGD Biochemistry Seminar | | Cranial cavity, mandible, cervical vertebrae AN 26.3,26.4,26.5,26.7 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | AETCOM 1.5 |
| Thursday 9/4/20 | RDNA BI7.4 Interactive lecture | Tongue 39.1,39.2 Interactive- lecture) | Cranial cavity, mandible, cervical vertebrae AN 26.3,26.4,26.5,26.7 | | Physiology Ascending pathways | SPORTS(3-4pm) Sports(4-5pm) |
| Friday 10/4/20 | Nervous tissue AN 7.1 to 7.8 Interactive- lecture) | ANS PY-10.5 | Cranial cavity, mandible, cervical vertebrae AN 26.3,26.4,26.5,26.7 | | Ece BIOCHEMISTRY (CLINICAL AND LAB VISIT MEDICNE AND CENTRAL LAB) | |
| CNS BLOCK | | | | | CNS BLOCK | |
| Saturday 11/4/20 | SPINAL CORD –PY- 10.6 | SDL Spinal cord | Dissection Tongue 39.1,39.2 | | Community practical | Spinal cord AN 57.1,57.5 Interactive-lecture) |

End of week 31

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| Monday 13/4/20 | Histology of tongue AN 39.1, 39.2 Interactive- lecture) | mechanism of maintainance of tone ,posture ,equilibrium | REVISION/SGD Biochemistry Seminar | | Histology of tongue AN 39.1, 39.2 Other batches surface marking and radiology of head and neck | SDL biochemistry: CSF analysis |
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| | | and movements PY 10.4 | | | AN 43.1,43.5, 43.9 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | |
| Tuesday 14/4/20 | Holiday | Holiday | Holiday | | | Holiday |
| Wednesday 15/4/20 | ANS PY-10.5 | Spinal cord AN 57.1,57.5 Interactive-lecture vertical and horizontal integration | REVISION/SGD Biochemistry Seminar | | Histology of tongue AN 39.1, 39.2 Other batches surface marking and radiology of head and neck AN 43.1,43.5, 43.9 Anat: tutorials-SGD(SGD 2 batches- 4hrs) | AETCOM 1.5 |
| Thursday 16/4/20 | R DNA Interactive lecture | Meninges and csf AN 56.1,56.2 Interactive-lecture) | Meninges and csf AN 56.1,56.2 Spinal cord vertical integration AN 57.1,57.5 | | Physiology tutorials-SGD: muscle Tone | Sports |
| Friday 17/4/20 | Histology of peripheral nerves and ganglia AN 68.1 Interactive-lecture) | SPINAL CORD –PY-10.6 | Meninges and csf AN 56.1,56.2 Spinal cord vertical integration AN 57.1,57.5 | | ECE anatomy(neurology dept visit) | |
| Saturday 18/4/20 | Describe and discuss functions of cerebral cortex PY 10.7 | Spinal cord vertical integration AN 57.1,57.5 Interactive-lecture) | Meninges and csf AN 56.1,56.2 Spinal cord vertical integration AN 57.1,57.5 | | Biochmistry tutorials-SGD Chimeric DNA | SDL anatomy : Spinal cord injuries |

End of week 32

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| Monday 20/4/20 | Medulla AN 58.1 ,58.4 Interactive-lecture) | Describe and discuss functions of | REVISION/SGD | | Histology of peripheral nerves and ganglia AN 68.1 Anat: | SDL Biochemistry Crisper , proteomics, |
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| | | basal ganglia PY 10.7 | Biochemistry CSF analysis BI 11.15 | | tutorials- SGD(SGD 2 batches- 4hrs) | |
| Tuesday 21/4/20 | Medulla AN 58.1 ,58.4 Interactive- lecture vertical integration | RDNA BI7.4 Interactive lecture | REVISION/SGD Biochemistry CSF analysis BI 11.15 | | Histology of peripheral nerves and ganglia AN 68.1 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | SDL physiology |
| Wednesday 22/4/20 | Basal ganglia applied aspects PY 10.7 | Pons AN 59.1 to 59.3 Interactive- lecture) | REVISION/SGD Biochemistry CSF analysis BI 11.15 | | Histology of peripheral nerves and ganglia AN 68.1 Anat: tutorials- SGD(SGD 2 batches- 4hrs) | AETCOM 1.5 |
| Thursday 23/4/20 | RDNA BI7.4 Interactive lecture | Cerebellum AN 60.1 to 60.3 Interactive- lecture) | Dissection Brain stem AN 58,59,60 | | Physiology tutorials-SGD Basal ganglia | Sports(3-4pm) Sports(4-5pm) |
| Friday 24/4/20 | Cerebellum AN 60.1 to 60.3 Interactive- lecture) | Describe and discuss functions and functional organization Cerebellum PY 10.7 | Dissection Brain stem AN 58,59,60 | | ECE physio medicine visit | |
| Saturday 25/4/20 | Cerebellum applied aspects PY 10.7 | SDL anatomy Cerebellar Lesions | Dissection Brain stem AN 58,59,60 | | Tutorials-SGD R-DNA technology | Bainstem lesions AN 61.1,61.3 Interactive-lecture vertical integration |

| End of week 33 | | | | | | |
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| Monday 27/4/20 | Histology of spinal cord , cerebellum and cerebrum AN 64.1 Interactive-lecture) | Smell and taste sensation PY- 10.13 | REVISION Physiology Biochemistry Quiz SGD | | Histology of spinal cord , cerebellum and cerebrum AN 64.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs | Community medicine Interactive-lecture |
| Tuesday 28/4/20 | Mid brain AN 61.1,61.3 Interactive-lecture) | PCR BI 7.4 Interactive lecture | REVISION Physiology Biochemistry Quiz SGD | | Histology of spinal cord , cerebellum and cerebrum AN 64. Anat: tutorials-SGD(SGD 2 batches- 4hrs 1 | SDL physiology : Eye |
| Wednesday 29/4/20 | Describe and discuss mechanism of temperature regulation PY 11.1 | Cerebral hemisphere AN 62.2 Interactive-lecture) | REVISION Physiology Biochemistry Quiz SGD | | Histology of spinal cord , cerebellum and cerebrum AN 64.1 Anat: tutorials-SGD(SGD 2 batches- 4hrs | AETCOM SDL |
| Thursday 30/4/20 | Role of Xenobiotics BI 7.5 Interactive lecture | Cerebral hemisphere AN 62.2 Interactive-lecture) | Dissection CNS AN 62.2, 62.3 | | Physiology Tutorials-SGD TEMPRATURE REGULATION | SPORTS(3-4pm) SPORTS(4-5pm) |
| Friday 1/5/20 | Cerebral hemisphere AN 62.2 Vertical integration Interactive-lecture) | Describe and discuss adaptation to altered temperature (heat and cold) PY 11.2 | Dissection CNS AN 62.2, 62.3 | | ECE physiology clinical medicine | |

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| Saturday 2/5/20 | Describe and discuss mechanism of fever, cold injuries and heat stroke PY 11.3 | White matter of cerebrum AN 62.3 Interactive-lecture) | Dissection CNS AN 62.2, 62.3 | | Community medicine practical SDL Anatomy: Stroke |

End of week 34

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| Monday 4/5/20 | Internal capsule AN 62.3 Interactive-lecture) | Describe and discuss physiological consequences of sedentary lifestyle PY 11.5 | PHYSIOLOGY practical REVISION DOAP Biochemistry practical revision DOAP | Dissection Internal capsule AN 62.3 Lateral and third ventricle AN 63.1 And 63.24th ventricle AN 63.1& 63.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs | SDI biochemistry: drug metabolism |
| Tuesday 5/5/20 | Lateral and third ventricle AN 63.1 And 63.2 Interactive-lecture) | Role of xenobiotics BI 7.5 Interactive lecture | PHYSIOLOGY practical REVISION DOAP Biochemistry practical revision DOAP | Dissection Internal capsule AN 62.3 Lateral and third ventricle AN 63.1 And 63.24th ventricle AN 63.1& 63.2 Anat: tutorials-SGD(SGD 2 batches- 4hrs | SDI community medicine |
| Wednesday 6/5/20 | EYE PY 10.17 | 4 th ventricle AN 63.1& 63.2 Interactive-lecture) | PHYSIOLOGY practical REVISION DOAP Biochemistry practical revision DOAP | Dissection Internal capsule AN 62.3 Lateral and third ventricle AN 63.1 And 63.24th ventricle AN 63.1& 63.2 | Describe and discuss structure and functions of Reticular activating system PY 10.5 |

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| | | | | | Anat: tutorials- SGD(SGD 2 batches- 4hrs | |
| Thursday 7/5/20 | Holiday | | | | Holiday | |
| Friday 8/5/20 | Basal ganglia AN 62.4 Interactive- lecture) | Describe and discuss structure and functions of Reticular activating system PY 10.5 | CNS Dissection 62.4,62.5 | | ECE biochemistry (Medicine and central lab visit) | |
| Saturday 9/5/20 | Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production PY 10.8 | Thalamus AN 62.5 | Dissection CNS 62.4,62.5 | | Biochemistry tutorials-SGD : Xenobiotics | FA 2 Community medicine class test followed by feedback |
| End of week 35 | | | | | | |

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| Monday 11/5/20 | Eyeball AN 31.1, 41.1,41.3 Interactive- lecture vertical | Describe and discuss physiological Describe and | Revision physiology Biochemistry practical revision DOAP | | Histology of retina,cornea AN 31.1 Dissection orbit | Community medicine Interactive-lecture |
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| | inteegration | discuss functions of limbic system and their abnormalities PY 10.7 | | | AN 31.1 to31.5 Anat: tutorials-SGD(SGD 2 batches- 4hrs | |
| Tuesday 12/5/20 | Extra ocular muscles AN 31.1,31.5 Interactive-lecture) | Cancer biochemistry BI10.1 Interactive lecture | Revision physiology Biochemistry practical revision DOAP | | Histology of retina,cornea AN 31.1 Histology of retina,cornea AN 31.1 Dissection orbit AN 31.1 to31.5 Anat: tutorials-SGD(SGD 2 batches- 4hrs | SDI physiology: |
| Wednesday 13/5/20 | EAR PY-10.1 | Blood supply of brain AN 62.6 vertical integration Interactive-lecture) | Revision physiology Biochemistry practical revision DOAP | | Histology of retina,cornea AN 31.1 Dissection orbit AN 31.1 to31.5 Anat: tutorials-SGD(SGD 2 batches- 4hrs | EAR PY-10.1 |
| Thursday 14/05/20 | Cancer biochemistry BI10.1 Interactive lecture and vertical integration pathology | Blood supply of brain AN 62.6 vertical integration Interactive-lecture) | Blood supply of brain 62.6 DEMO | | Physiology tutorials-SGD Special senses | sports (3-4pm) Sports(4-5pm) |
| Friday 15/05/20 | Ischiorectal fossa 49.4 | EAR PY-10.1 | Blood supply of brain 62.6 Demo | | ECE anatomy ophthal visit | |

SUMMER VACATION—16/5/20—30/5/20

End of WEEK 36

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| Monday 1/6/2019 | Superficial perineal AN 49.1 Interactive-lecture) | Pathophysiology of taste and smell PY-10.14 | PHYSIOLOGY practical REVISION DOAP Biochemistry practical revision DOAP | L U N C H | Physiology tutorials /SGD | SDL of Biochemistry |
| Tuesday 2/6/2019 | Deep perineal pouch 49.1pouch Interactive-lecture) | Tumor markers BI10.2 Interactive lecture | PHYSIOLOGY practical REVISION DOAP Biochemistry practical revision DOAP | | Biochemistry SGD/ tutorials | SDL of Physiology/ |
| Wednesday 3/6/2019 | Pathophysiology of deafness PY-10.16 | Prineal tear and episiotomy AN 49.5 Vertical integration Interactive-lecture) | PHYSIOLOGY practical REVISION DOAP Biochemistry practical revision DOAP | | Anatomy histology revision Tutorials/SGD | Pathophysiology of deafness PY-10.16 |
| Thursday 4/6/2019 | Tumor markers BI10.2 Interactive lecture | Development of CNS AN 64.2,64.3 Interactive-lecture) | Physiology SGD/ tutorials | | Physiology Tutorial : smell | Prineal tear and episiotomy AN 49.5 Vertical integration Interactive-lecture) |
| Friday 5/6/2019 | Development of CNS AN 64.2,64.3 Interactive-lecture) | Sex determination & sex differentiation PY. 9.17 | Anatomy SGD/ tutorials Dissection revision | | ECE physiology medicine/ OBG | |
| Saturday 6/6/2019 | Puberty PY 9.2 | Development of eye ball AN 43.4 Interactive- | Biochemistry SGD/Tutorials | | Tutorials-SGD: enzymes as tumor markers | SDL Anatomy |

| End of Week 37 | | | | | | |
|-------------------------------|--|--|--|----------------------------------|---|--|
| Monday 8/6/2019 | Development of eye ball AN 43.4 Interactive-lecture) | Male reproductive system PY 9.3 | SGD physiology Biochemistry Case report revision | L U N C H | Biochemistry tutorials: SGD revision | Community Medicine Interactive-lecture |
| Tuesday 9/6/2019 | ANS | Immunology BI10.3,10.4 Interactive lecture | SGD physiology Biochemistry Case report revision | | Physiology tutorials/SGD | SDL Physiology: infertilities |
| Wednesday 10/6/2019 | Female reproductive Menstrual cycle PY 9.4 | ANS | SGD physiology Biochemistry Case report revision | | Histology revision-Tutorials/SGD anatomy | Female reproductive Menstrual cycle PY 9.4 |
| Thursday 11/6/2019 | Immunology BI10.3,10.4,10.5 Interactive lecture | Radiology Vertical integration | Physiology Tutorials / SGD | | Physiology tutorials-SGD Female reproductive system | Sports(3-4pm) |
| | | | | | | Sports(4-5pm) |
| Friday 12/6/2019 | Radiology Vertical integration | Sex hormones + effect of removal of gonads PY 9.5,9.7 | Biochemistry SGD/tutorials | | ECE biochemistry: visit to clinical lab and Rheumatology/medicine | |
| Saturday 13/6/2019 | Physiology Pregnany & Parturation PY 9.8 | BI6.5 Vitamins Interactive lecture and vertical integration | Anatomy SGD/Tutorials Osteology revision | | Community Medicine Practical-DOAP | SDL Anatomy |
| End of week 38 | | | | | | |
| Monday 15/6/20 | Vitamins BI6.5 Interactive lecture and vertical | L 148 :Describe and discuss vestibular apparatus PY | Biochemistry and physiology Spotters revision | | Upperlimb and lower limb revision Interactive-lecture) | SDL of Biochemistry |

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| | integration | 10.4 | | | | |
| Tuesday 16/6/20 | Immunology BI10.3,10.4,10.5 Interactive lecture and vertical integration with microbiology | | Biochemistry and Physiology spotters revision SGD | | Biochemsitry SGD | SDL of Physiology |
| Wednesday 17/6/20 | L 151 :Describe physiology of Infancy PY 11.6 | Development of CNS AN 64.2,64.3 Interactive-lecture) | Biochemistry and physiology Spotters revision SGD | | Physiology SGD | SDL of Biochemistry |
| Thursday 18/6/20 | ECM Interactive lecture and vertical integration with pathology | | Anatomy SGD / Tutorials Thorax AND abdomen revision | | Physiology tutorials-SGD | Surface marking and its importance Interactive-lecture) |
| Friday 19/6/20 | Free radicals and antioxidants BI 7.6 (Alignment) | L 152 : Describe and discuss physiology of aging; free radicals and antioxidants PY 11.7 | Biochemsitry SGD/ tutorials | | ECE anat ENT visit | |
| Saturday 20/6/20 | L 153 :Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different | SDL anatomy: contrast X-rays | Physiology tutorials/SGD | | Tutorials-SGD: Antioxidants | Sports(3-4pm) |

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| | environmental conditions (heat and cold) PY 11.8 | | | | | Sports (4-5pm) |
|--|--|--|--|--|--|----------------|

END of 39 weeks

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|-----------------------------|---|--|--|--|-----------------------------|---|
| Monday 22/6/20 | Nerve injuries of upperlimb (Interactive-lecture) | Interpret growth charts AND Interpret anthropometric assessment of infants PY 11.9 PY 11.10 VI PAEDS | Biochemistry and physiology Case report revision SGD | | Biochemistry SGD /tutorials | Community Medicine Interactive-lecture |
| Tuesday 23/6/20 | Nerve injuries of lowerlimb (Interactive-lecture) | Immunology BI 10.3 (Interactive lecture and vertical integration) | Biochemistry and physiology Case report revision SGD | | Head and neck revision | SDL physiology |
| Wednesday 24/6/20 | Discuss the concept, criteria for diagnosis of Brain death and its implications PY 11.11 | Brain stem lesions (Interactive-lecture) | Biochemistry and physiology Case report revision SGD | | Physiology tutorials /SGD | SDL Community medicine |

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| Thursday 25/6/20 | Vitamins BI6.5 Interactive- lecture/vertical integration | Brain stem lesions Interactive- lecturevertical anf horizontal integration | Anatomy SGD Revision CNS | | Physiology tutorials-SGD Growth charts | Cranial nerves Interactive- lecture) |
| Friday 26/6/20 | Vitamins BI6.5 Vertical integration | L 156 : Discuss the physiological effects of meditation PY11.12 | Biochemistry SGD/ tutorials: Vitamins | | ECE physiology Medicine/OBG | |
| Saturday 27/6/20 | L 156 : Discuss the physiological effects of meditation PY11.12 | SDI Anatomy: embryology models | Physiology SGD tutorials | | Community medicine Interactive-lecture | Community Medicine Practical |
| END of weeks | | | | | | |
| 29/06/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 30/06/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 1/07/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 2/07/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 3/07/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 4/07/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 6/07/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 7/07/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 8/07/20 | SGD biochemistry | | SGD Physiology | | SGD Physiology | |
| 9/07/20 | SGD biochemistry | | SGD physiology | | SGD Physiology | |
| 10/07/20 | SGD ANATOMY | | SGD physiology | | SGD Physiology | |
| 11/07/20 | SGD ANATOMY | | SGD physiology | | SGD Physiology | |
| 13/07/20 | SGD ANATOMY | | SGD physiology | | SGD Physiology | |
| 14/07/20 | SGD ANATOMY | | SGD physiology | | SGD biochemistry | |
| 15/07/20 | SGD | | SGD physiology | | SGD biochemistry | |

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|------------------------|----------------|--|----------------|--|------------------|
| | ANATOMY | | | | |
| 16/07/20 | SGD ANATOMY | | SGD Physiology | | SGD biochemistry |
| 17/07/20 | SGD physiology | | SGD physiology | | SGD physiology |
| 18/07/20 | SGD physiology | | SGD physiology | | SGD physiology |
| End of 40 weeks | | | | | |

PEOPLE'S COLLEGE OF MEDICAL SCIENCES & RESEARCH CENTRE
PRE-CLINICAL DEPARTMENTS
TIME TABLE OF IST PROFESSIONAL MBBS 2019-20 BATCH

REF. NO.

DATE:

| DAY | TIME | | | | | |
|------------------|---|---|---|----------------------------------|---|--|
| | 8 – 9am | 9 – 10am | 10 – 12pm | 12 – 1pm | 1 – 3pm | 3 – 4pm |
| Monday | Anatomy Interactive- lecture | Physiology Interactive- lecture | Physiology / Biochemistry Practical | L U N C H | Anatomy Dissection/Histology Demonstration /SGT | SDL of Biochemistry * Community Medicine Interactive-lecture |
| Tuesday | Anatomy Interactive- lecture | Biochemistry Interactive- lecture | Physiology / Biochemistry Practical | | Anatomy Dissection/Histology Demonstration /SGT | SDL of Physiology/ Community Medicine |
| Wednesday | Physiology Interactive- lecture | Anatomy Interactive- lecture | Physiology / Biochemistry Practical | | Anatomy Dissection/Histology Demonstration /SGT | AETCOM |
| Thursday | Biochemistry Interactive- lecture | Anatomy Interactive- lecture | Anatomy/Dissection Histology/Demonstration | | Physiology Tutorial | Sports 40 |
| Friday | Anatomy Interactive- lecture | Physiology Interactive- lecture | Anatomy/Dissection Histology/Demonstration | | ECE(Anat/Phy/Bio) | |
| Saturday | Physiology | | Anatomy/Dissection | | Biochemistry | Sports20 /SDL20# |

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|--|---------------------|--------------|-------------------------|--|---|--|
| | Interactive-lecture | Anatomy/SDL@ | Histology/Demonstration | | Tutorials-SGD/SGT @@ Community Medicine Practical | |
|--|---------------------|--------------|-------------------------|--|---|--|

Note:

- * Community Medicine Interactive-lecture- Alternate weeks of month (20 hrs.)
- ” Community Medicine SDL every 3rd week of Alternate month.
- ## SDL- Every Alternate week of the month (20 hrs.)
- @ SDL- Every Alternate week of the month (20 hrs.)
- @@ Community medicine practical every alternate weeks (20 hrs.)
- @@@ ECE- first 3 weeks of the month
- Abc: **SDL-** (Self Directed Learning), **ECE-** (Early Clerical Exposure)

Dean
PCMS & RC
Bhanpur, Bhopal

Professor & Head
Deptt. of Anatomy
PCMS & RC
Bhanpur, Bhopal

Professor & Head
Deptt. of Physiology
PCMS & RC
Bhanpur, Bhopal

Professor & Head
Deptt. of Biochemistry
PCMS & RC
Bhanpur, Bhopal

Professor & Head
Deptt. of Community Medicine
PCMS & RC
Bhanpur, Bhopal

| Subject | Interactive-lecture (Hours) | Practical/Demo (Hours) | Self-directed Learning (hours) | Total (Hours) |
|------------------------------------|--------------------------------|---------------------------|-----------------------------------|------------------|
| Anatomy | 220 | 416 | 40 | 676 |
| Physiology | 160 | 310 | 25 | 495 |
| Biochemistry | 80 | 150 | 20 | 250 |
| PSM | 20 | 28 | 5 | 53 |
| ECE | | | | 90 |
| ACETCOM | | 26 | 8 | 34 |
| Sports /ECA | | | | 60 |
| | Grand Total | | | 1658 |
| Formative assessment(80hrs) | | | | |

| | |
|---------------------------|-------------------------|
| Physiology | 2+ 3+3+6+ 12= 26 |
| Biochemistry | 2+ 3+3+6+ 12= 26 |
| Anatomy | 2+ 3+3+6+12= 26 |
| Community medicine | 2 |
| Total | 80 |

