**FATHIMA INSTITUTE OF MEDICAL SCIENCES, KADAPA**

MASTER TIMETABLE FOR I MBBS 2019-20 BATCH, I TERM (01-09-2019 to 31-12-2019)

Note:

1. Lecture topics for different subjects are shown in following colours: Anatomy, Physiology, Biochemistry,Aligned Integrated Topic

2. Dissection follows topics covered in Anatomy theory classes

3. Sports and Extracurricular activities: 4:00 PM onwards

4. Legend: BSC - Basic Sciences Correlation; ECE - Early Clinical Exposure; AIT - Aligned Integrated Topic; H - Histology; TLM - Teaching learning method

September 2019

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

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| 7-9-19 | Sat | BIOCHEM  Cell, subcellular components,  & functions, Fluid Mosaic  model | PHYSIOLOGY PY 1.1,  1.5  Structure and functions  of mammalian cell;  Cell membrane transport  mechanisms | ANATOMY  Pectoral Region- Att,  NS, action of mus-  Pectoral, Subclavius,  SA, Mammary gland  location, extent, Reln,  Stage changes, BS, LD,  AA, microscopy,  Development | ANATOMY  Embryology |  | Tutorials  PHYSIOLOGY |

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| TLM | | Lecture | Lecture | DOAP | | DOAP | ANAT  Histology | ANAT  Osteology | PHYSIO | BIOCHEM |
| 9-9-19 | Mon | PHYSIOLOGY PY 1.5  Cell membrane transport  mechanisms | BIOCHEM  Chemistry of CHO- def,  biomedical importance, energy  fuel, classification,  Monosaccharides and  properties | ANATOMY  Dissection follows topics covered in  theory class | | | L  U  N  C  H | Epithelial  tissue | Clavicle | Microscope | Orientation  to lab,  apparatus &  equipment. | AETCOM 1.5 |
| 10-9-19 | Tue |  |  |  |  | |  |  |  |  |  |
| 11-9-19 | Wed | BIOCHEM  Protein chemistry- Def,  classification and properties  of Amino acids | ANATOMY  Axilla I-boundaries, contents,  brachial pl-fromn, br, rel, area  of supply, course, reln& term  br, var in form, cl features of  Erb’s&Klumpke’s paralysis |  |  | |  |  | Haemocyto  metry |  | Physio  Tutorials |
| 12-9-19 | Thu | PHYSIOLOGY PY 2.4  RBC formation  (Erythropoiesis & its  regulation) | ANATOMY  Axilla II-ax a & v (origin,  extent, course, parts, rel,  br/trib), ax LN & areas of  drainage, AA |  |  | |  |  | Physio  Tutorials |
| 13-9-19 | Fri | ANATOMY  H-conn tissue | PHYSIOLOGY PY 2.4,  RBC formation  (Erythropoiesis & its  regulation) |  | BIOCHEM  Tutorials | |  |  | Physio  Tutorials |
| 14-9-19 | Sat |  |  |  |  | |  |  |  |  |  |
| 16-9-19 | Mon | PHYSIOLOGYPY 2.11, 2.13  RBC count- Instruction  Procedure for Reticulocyte  count | BIOCHEM  Reducing and non-reducing  disaccharides | ANATOMY  Osteo:  Scapula,  Humerus |  | | L  U  N  C  H | Connective  tissue | Scapula  and  Humerus | Haemocyto  metry | Lab  hazards,  safety &  waste  disposal | BIOCHEM  ECE for  Clinical Skill  Lab exposure,  Phlebotomy,  Pre-analytical  errors,  centrifuges,  automation,  quality control,  and possible  post-analytical  error |
| 17-9-19 | Tue | ANATOMY  Position, att, NS, action of  Trapezius, LD, deltoid, RC  ms, scapanast, tri of ausc,  anat basis of ax n during IM  inj | PHYSIOLOGY 1.3, 1.4, 1.9  Intercellular communication;  Apoptosis;  Methods used to demonstrate  cell functions, products, and  its applications |  |  | |  |  |
| 18-9-19 | Wed | BIOCHEM  Structural organization of  proteins | ANATOMY  Fascia of UL, compt, Ms of  antrcompt of arm, N & V,  anat basis of venepuncture of  cub v, CF, anast around elbow  jt |  |  | |  |  | PY 2.11  RBC  COUNT |

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| 19-9-19 | Thu | PHYSIOLOGY 1.8  Molecular basis of Resting  membrane potential | ANATOMY  Shoulder jt, SC & AC jt-type,  AS, capsule, SM, lig, reln,  movts, ms, BS, NS, AA |  |  |  |  |  |  |  |  |

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

For the month of October 2019

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| ANAT  Histology | ANAT  Osteology | PHYSIO | BIOCHEM |
| TLM | | Lecture | Lecture | DOAP | DOAP |
| 1-10-19 | Tue | ANATOMY  Post forearm, dorsum hand-ms,  att, NS, action, N&V, wrist  drop, ext ret, extexpn | PHYSIOLOGY PY 2.8  Bleeding disorders and tests of  Haemostasis  (Shared with PATHOLOGY) |  |  | L  U  N  C  H |  |  | HB, PCV  ESR |  | Physio  Turorials |
| 2-10-19 | Wed |  |  |  |  |  |  |  |  |  |
| 3-10-19 | Thu | PHYSIOLOGY PY 3.4,3.5,3.6  Structure of NMJ, transmission  of impulse  Action of NM blockers  Pathophysiology of Myasthenia  gravis  (PHARMACOLOGY nested) | ANATOMY  Elbow, RU, wrist, 1st CMC jts  - type, AS, capsule, SM, lig,  reln, movts, ms, BS, NS, AA,  V, LD, dermatomes of UL |  |  |  |  | PY 2.11  BT CT  BG |  | ANATOMY  ECE for  Clinical Skill  Visit to  Radiology  department |
| 4-10-19 | Fri | ANATOMY  H- cartilage | PHYSIOLOGY PY 3.8, 3.9  Action potential in Muscle  ECC, molecular basis of  muscle contraction | ANATOMY  Osteo: Sternum | BIOCHEM  Tutorials |  |  |  |
| 5-10-19 | Sat | BIOCHEM  Lipids classification and  functions | ANATOMY  Gen embryology | PHYSIOLOGY 2.9  Blood groups &  Clinical  importance,  Blood banking &  Transfusion  (Integration with  PATHOLOGY) | PHYSIOLOGY  PY 3.10, 3.12  Modes of muscle  contraction  Gradation of muscle  activity and other  properties | Tutorials  PHYSIOLOGY | | | | |
| 7-10-19 | Mon |  |  |  |  |  |  |  |  |  |
| 8-10-19 | Tue |  |  |  |  |  |  |  |  |  |
| 9-10-19 | Wed | BIOCHEM  Mechanism of action of Enzymes,  and inhibition | ANATOMY  Osteo: Ribs |  |  | Cartilage | Sternum | BT CT  BG |  |  |
| 10-10-19 | Thu | PHYSIOLOGY  PY 3.10, 3.12  Muscle properties continued | ANATOMY  ICS-def, extent, attachments,  directions, action, NS of  intercostal muscles, ICN,  vessels, ITA, Supr IC a,  subcostal a, MS, CV, CT, XS  joints, mech & types of resp,  CC, IC joint |  |  |  |  |  |
| 11-10-19 | Fri | ANATOMY  H - Bone | PHYSIOLOGY PY 2.6, 2.11  WBC types, functions, count,  variations  Instruction for TLC and AEC |  | BIOCHEM  Tutorials |  |  |  |
| 12-10-19 | Sat |  |  |  |  |  |  |  |  |  |

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

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

For the month of November 2019

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

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| 6-11-19 | Wed | BIOCHEM  Biological oxidation - Oxidative  phosphorylation | ANATOMY  Front of thigh - femoral  triangle- course, rel, br of  fem n, a, v, psoas abs, fem  hernia |  |  |  |  |  |  |  | Physio  Turorials |
| 7-11-19 | Thu | PHYSIOLOGY PY 5.2  Mechanical properties, and  metabolism of card muscle | ANATOMY  Medial side of thigh,  adductor canal, obturator n |  |  |  |  |  |  | Physio  Turorials |
| 8-11-19 | Fri | ANATOMY  H- Skin | PHYSIOLOGY PY 6.2, 6.10  Lung volumes & capacities  Including instruction for  VC & PEFR measurement |  | BIOCHEM  Tutorials |  |  |  |  | Physio  Turorials |
| 9-11-19 | Sat |  |  |  |  |  |  |  |  |  |
| 11-11-19 | Mon | PHYSIOLOGY PY 2.11  Instruction for DLC | BIOCHEM  Metabolism of  carbohydrates- Glycolysis | ANATOMY  Osteo: Patella |  | Skin | Patella |  | Estimation  of SGOT &  SGPT | Physio  Turorials |
| 12-11-19 | Tue | ANATOMY  Gluteal region - ms, v, n,  Trendelenberg sign, sciatic n,  applied anatomy - injection | PHYSIOLOGY PY 5.5  Physiology of E.C.G, its  applications and cardiac  axis |  |  |  |  |  |  | Physio  Turorials |
| 13-11-19 | Wed | BIOCHEM  Digestion and absorption of  lipids and proteins | ANATOMY  Pop reg - B&C, a& v, back  of thigh - msatt, ns, action,  v, sciatic n, art anast |  |  |  |  | PY 2.11,  6.10  DLC/VC+  PEFR |  | Physio  Turorials |
| 14-11-19 | Thu | PHYSIOLOGY PY 5.5  Physiology of E.C.G, its  applications and cardiac axis | ANATOMY  Hip jt-type, AS, cap, lig, rel,  movt, ms, bs, ns, bursae,  compl of fr neck femur,  disart, surg hip repl |  |  |  |  |  |  | Physio  Turorials |
| 15-11-19 | Fri |  |  |  |  |  |  |  |  |  |

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| ANAT  Histology | ANAT  Osteology | | PHYSIO | BIOCHEM |
| TLM | | Lecture | Lecture | DOAP | DOAP |
| 16-11-19 | Sat | BIOCHEM  TCA cycle and gluconeogenesis | PHYSIOLOGY PY 5.6  Abnormal ECG, arrythmias,  heart block and myocardial  Infarction | ANATOMY  H- Respiratory  System | PHYSIOLOGY  PY 6.2, 6.3  Diffusion of gases &  Transport |  | AETCOM 1.2  What it means to be a patient | | | | | |
| 18-11-19 | Mon | PHYSIOLOGY PY 5.3  Events occurring during the Cardiac  cycle | BIOCHEM  Lipid metabolism - beta  oxidation of FA | ANATOMY  Osteo: Tibia |  | Resp  system | | Tibia |  | Estimation  of ALP | AETCOM 1.2 |
| 19-11-19 | Tue | ANATOMY  Front, lat& med of leg, dorsum of  foot - ms, n, v, retinacula, foot drop | PHYSIOLOGY PY 5.3  Cardiac cycle continued, Heart  sounds,  Arterial and venous pulse |  |  |  | |  |  |  | AETCOM 1.2 |
| 20-11-19 | Wed | BIOCHEM  Glycogen metabolism | ANATOMY  Back of leg - ms, n & v,  peripheral heart, rupture of  calcaneal tendon |  |  |  | |  |  |  | AETCOM 1.2 |

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| 21-11-19 | Thu | PHYSIOLOGY PY 6.3  Transport of Respiratory gases, O2  & CO2 | ANATOMY  Sole- muscles, nerves, vessels |  |  |  |  |  |  |  | AETCOM 1.2 |
| 22-11-19 | Fri | ANATOMY  H- Blood vessels | PHYSIOLOGY PY 5.7  Properties of blood vessels  Principles of circulation |  | BIOCHEM  Tutorials |  |  |  |  | AETCOM 1.2 |
| 23-11-19 | Sat | BIOCHEM  Lipid metabolism - FA synthesis | PHYSIOLOGY PY 6.3  Transport of Respiratory  gases, O2 & CO2 | ANATOMY  Knee jt-type, AS,  cap, lig, SM,  movt, ms, bs, ns,  AA, locking &  unlocking, inj,  osteoarthritis, AA | PHYSIOLOGY 8.6  Introduction to  endocrinology  Classification of  hormones  Mechanisms of hormone  Action | Tutorials  PHYSIOLOGY | | | | |
| 25-11-19 | Mon | PHYSIOLOGY  Regulation of respiration | BIOCHEM  HMP and other minor  Pathways | ANATOMY  Osteo: Fibula |  | Blood  Vessels | Fibula |  | Estimation  of total  cholesterol  and HDL | Physio  Turorials |
| 26-11-19 | Tue | ANATOMY  Ankle, TF, subtalar, tr tarsal jts | PHYSIOLOGY  Regulation of respiration |  |  |  |  |  |  | Physio  Turorials |
| 27-11-19 | Wed | BIOCHEM  Ketone body metabolism and  starvation | ANATOMY  Arches of foot-factors,flat foot,  club foot, metatarsalgia, pl  fasciitis |  |  |  |  |  |  | Physio  Turorials |
| 28-11-19 | Thu | PHYSIOLOGY  Regulation of resp including  instruction for Stethography | ANATOMY  BSC class – Thorax |  |  |  |  | Stethogra  phy/  Haematol  ogy  revision |  | Physio  Turorials |
| 29-11-19 | Fri | ANATOMY  Gen embryology | PHYSIOLOGY PY 5.7  Haemodynamics of circulation |  | BIOCHEM  Tutorials |  |  |  | Physio  Turorials |
| 30-11-19 | Sat | BIOCHEM  Regulation of blood sugar and DM  (BSC) | PHYSIOLOGY PY 5.7  Haemodynamics of circulation | ANATOMY  H- Lymphoid  organs | PHYSIOLOGY 8.6  Second messenger  Systems | Tutorials  PHYSIOLOGY | | | | |

For the month of December 2019

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| Date | Day | 9 To 10AM | 10 To 11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  PM | Practicals 2-4 PM (TLM: DOAP)  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| ANAT  Histology | ANAT  Osteology | PHYSIO | BIOCHEM |
| TLM | | Lecture | Lecture | DOAP | DOAP |
| 2-12-19 | Mon | PY 6.6  Pathophysiology of Dyspnoea,  Hypoxia, Cyanosis, Asphyxia,  Drowning, Periodic breathing | BIOCHEM  Cholesterol metabolism  and disorders (BSC) | ANATOMY  Osteo: Articulated  foot |  | L  U  N  C | Lymphoid  organs | Articul.  Foot | Stethograp  hy/  Haematolo  gy revision | Estimation  of  Triglycerides | ANATOMY  ECE for Clinical  Skill  Visit to  Radiology  department |
| 3-12-19 | Tue | ANATOMY  BSC class - Lower limb | PHYSIOLOGY PY 6.4,  6.5  Physiology of High  altitude &deep sea diving  Acclimatization &  Decompression sickness |  |  |  |  |  |  |
| 4-12-19 | Wed | BIOCHEM  Lipoprotein metabolism and  disorders  (BSC- MI) | ANATOMY  Revision topics |  |  |  |  |  |  |

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| 5-12-19 | Thu | PHYSIOLOGY  Hypothalamic control of  hormone secretion | ANATOMY  Embryology |  |  | H |  |  |  |  |  |
| 6-12-19 | Fri | ANATOMY  H- Endocrine glands-1 | PHYSIOLOGYPY 6.5, 6.7  Principles of artificial  respiration, Oxygen  therapy  Lung function tests and  their clinical significance |  | BIOCHEM  Tutorials |  |  |  |  |
| 7-12-19 | Sat | AIT (Linker) - Ishaemic Heart Disease / Myocardial infarction | | | | Tutorials  PHYSIOLOGY | | | | |
| ANATOMY  Blood supply of heart and  anatomical basis of Ischaemic  heart disease | PHYSIOLOGY  Coronary circulation in  relation to IHD and MI  ECG changes is MI and  their physiological basis | BIOCHEM  Lipoprotein and  cholesterol metabolism  and their relation to  MI  Biochemical tests in MI  and their rationale | GEN MED  Discussion of a  case of IHD/MI |
| 9-12-19 | Mon | PHYSIOLOGY  Respiratory System BSC | BIOCHEM  Prostaglandins and  therapeutics (BSC) |  |  | Endocrine  glands |  |  | Estimation  of total  protein,  albumin and  AG ratio | Physio Turorials |
| 10-12-19 | Tue | ANATOMY  Revision topics | PHYSIOLOGY  Respiratory System BSC |  |  |  |  |  | Physio Turorials |
| 11-12-19 | Wed | BIOCHEM  Revision | ANATOMY  Revision topics |  |  |  |  |  |  | Physio Turorials |
| 12-12-2019 to 21-12-2019 1st Internal Assessment | | | | | | | | | | | |
| 22-12-2019 to 01-01-2020 Vacation | | | | | | | | | | | |

Number of teaching hours in first term:   
ANATOMY19/WEEK

PHYSIOLOGY11/WEEK   
 BIOCHEMISTRY6/WEEK

**FATHIMA INSTITUTE OF MEDICAL SCIENCES, KADAPA**

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

Note:

1. Lecture topics for different subjects are shown in following colours: Anatomy, Physiology, Biochemistry,Aligned Integrated Topic

2. Dissection follows topics covered in Anatomy theory classe

3. Sports and Extracurricular activities: 4:00 PM onwards

4. Legend: BSC - Basic Sciences Correlation; ECE - Early Clinical Exposure; AIT - Aligned Integrated Topic; H - Histology; TLM - Teaching learning method

January 2020

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| Date | Day | 9To10AM | 10To11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  PM | Practicals2-4 PM (TLM: DOAP)  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| ANAT  Histology | PHYSIO I | PHYSIO II | BIOCHEM |
| TLM | | Lecture | Lecture | DOAP | DOAP |
| 2-1-20 | Thu | PHYSIOLOGY PY 8.2  Secretion, functions,  regulation of Pituitary  hormones | ANATOMY  Osteo - intro to skull, NV,  NF |  |  | L  U  N  C  H |  | Tutorials  With  feedback  on  formative  assesseme  nt 1 | General  Physical  exam and  radial  pulse | Chromatogr  aphy/TLC | PHYSIO  Tutorials |
| 3-1-20 | Fri | ANATOMY  AN 27.1.Layers of scalp, BS,  NS, surg imp, emiss v, role in  spread of infn | PHYSIOLOGY PY 5.8  Local and systemic  Cardiovascular regulatory  mechanisms | ANATOMY  Endocrine glands  Revision | BIOCHEM  Tutorials |  | PHYSIO  Tutorials |
| 4-1-20 | Sat | BIOCHEMISTRY  Metabolism of amino acids | PHYSIOLOGY PY 5.9  Venous return & Cardiac  output | PHYSIOLOGY  PY 10.1  Organization of  nervous system nerve,  nerve fiber,  myelination, nerve  injury degeneration &  regeneration  Integration with  Anatomy | ANATOMY  AN 28.1-7.  Face: ms, vess,  facial n, AA | COMMUNITY MED | | | | |
| 6-1-20 | Mon | PHYSIOLOGY PY 10.3  sensory receptors, properties  of sensory receptors  Integrated with anatomy | BIOCHEMISTRYBI6.3  Purine synthesis  & disorders 1(BSC) |  |  | Endocrine  glands | Tutorials  With  feedback  on  formative  assesseme  nt 1 | General  Physical  exam and  radial  pulse |  | PHYSIO  Tutorials |
| 7-1-20 | Tue | ANATOMY  Parts, extent, att, mod of  deep cerv fascia | PHYSIOLOGY PY 5.8, 5.9  Cardiac output and its  regulation |  |  |  | PHYSIO  Tutorials |
| 8-1-20 | Wed | BIOCHEMISTRYBI5.4  Urea cycle & regulation | ANATOMY  fascial spaces of neck, intro  to side of neck, lacr app |  |  |  | PHYSIO  Tutorials |
| 9-1-20 | Thu | PHYSIOLOGY PY 5.8, 5.9  Heart rate and its regulation | ANATOMY AN 29.1,2.  Sternocleidomastoid ms&  other ms of neck, wry neck,  cerv plexus, phr n |  |  |  | Tutorials | RS exam | PHYSIO  Tutorials |
| 10-1-20 | Fri | ANATOMY  H: Endocrine glands | PHYSIOLOGY PY 8.2, 8.5  Pituitary hormones | ANATOMY  skull: n occ, n lat | BIOCHEM  Tutorials |  | Tutorials | PHYSIO  Tutorials |
| 11-1-20 | Sat |  |  |  |  |  |  |  |  |  |

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| 13-1-20 | Mon | PHYSIOLOGY PY 8.2  Posterior Pituitary hormones | BIOCHEMISTRYBI6.4  Purine synthesis  & disorders-2(BSC) |  |  |  | Endocrine  glands | Tutorials | RS exam | Spot test -  IEM | PHYSIO  Tutorials |
| 14-1-20 | Tue | ANATOMY  Posterior tri -B&C | PHYSIOLOGY PY 5.9  BP Definition,  determinants, Recording of  BP |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 15-1-20 | Wed |  |  |  |  |  |  |  |  |  |
| 16-1-20 | Thu | PHYSIOLOGY PY 5,8, 5.9  BP- Short term regulation | ANATOMY  Linker - wry neck, facial  palsy, surgsp of neck |  |  |  | Tutorials | RS exam |  | PHYSIO  Tutorials |
| 17-1-20 | Fri | ANATOMY  Histo: Spinal cord | PHYSIOLOGY PY 10.2.  10.10  Function & properties of  synapse.  Mechanisms at synapse,  chemical transmission in  nervous system | ANATOMY  Skull: Nbasalis I | BIOCHEM  Tutorials |  | Tutorials | Recording  of BP and  effect of  posture |  | PHYSIO  Tutorials |
| 18-1-20 | Sat | BIOCHEMISTRYBI5.4  Hyperammonemias | PHYSIOLOGY PY 8.2  Secretion, functions,  regulation of Thyroid  hormones | PHYSIOLOGY PY  5.9  Intermediate and  Long term regulation  of BP | ANATOMY  Emb - pharyngeal  arches | COMMUNITY MED | | | | |
| 20-1-20 | Mon | PHYSIOLOGY PY 10.3  General somatic sensation.  Dorsal column pathway and  Sensations | BIOCHEMISTRYBI6.2  Purine catabolism &  disorders |  |  | Spinal  cord | Tutorials | Recording  of BP and  effect of  posture |  | PHYSIO  Tutorials |
| 21-1-20 | Tue | ANATOMY  B & C of subocc tri,  semispinaliscapitis, splcapitis,  BSC: cisternal puncture | PHYSIOLOGY PY 5.8, 5.9  BP regulation continued,  Hypertension and other  applied aspects |  |  |  | Tutorials | Creatinine  estimation | PHYSIO  Tutorials |
| 22-1-20 | Wed | BIOCHEMISTRY BI5.4  Gly, Ser, Thre metabolism | ANATOMY  Contents of vertebral canal |  |  |  | Tutorials | PHYSIO  Tutorials |
| 23-1-20 | Thu | PHYSIOLOGY PY 8.2  Thyroid hormones | ANATOMY AN 30.5.  Hypophysis cerebri, trigem  gang, mid meningvess,  sharing with physio |  |  |  | Tutorials | PHYSIO  Tutorials |
| 24-1-20 | Fri | ANATOMY  Osteo: n basalis II | PHYSIOLOGY PY 10.3  Interpretation of dorsal  column pathway sensations |  | BIOCHEM  Tutorials |  | Tutorials | PHYSIO  Tutorials |
| 25-1-20 | Sat | BIOCHEMISTRY BI6.2  Pyrimidine metabolism &  Disorders | PHYSIOLOGY PY  Effect of exercise on cardio  respiratory parameters  Instruction for Harvard  step test | PHYSIOLOGY  PY 8.2, 8.5  Secretion, functions,  regulation of  Parathyroid  hormone  Integrated with  Biochemistry | ANATOMY  Emb - face, nose,  palate | COMMUNITY MED | | | | |
| 27-1-20 | Mon | PHYSIOLOGY PY 10.3  Anterolateral pathway  Integrated with Anatomy | BIOCHEMISTRY BI5.4  Metab of aromatic  AA(BSC) |  |  | Revision | Tutorials | Recording  of BP and  effect of  posture |  | Comp assisted  learning  Amphibian  heart videos |

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| 28-1-20 | Tue | ANATOMY AN 30.3.  Dural folds, BSC: extradural  & subdural hemorrhage | PHYSIOLOGY PY 5.10  Cerebral and Splanchnic  Circulation |  |  |  |  | Tutorials |  |  |  |
| 29-1-20 | Wed | BIOCHEMISTRY  BI6.9&10  Mineral metabolism-Calcium  (BSC) | ANATOMY  Osteo - mandible, B of  temporal & ITF | ANATOMY AN 30.4.  DVS & surg imp of  deep fascial v, BSC |  |  | Tutorials |  |
| 30-1-20 | Thu | PHYSIOLOGY PY 10.3  Physiology of pain sensation,  Referred pain, Visceral pain  and other applied aspects  Integrated with Anatomy | ANATOMY AN 31.1.  Orbit - fascia &ms |  |  |  | Tutorials |  |
| 31-1-20 | Fri | ANATOMY AN 30.1.  Osteo :cranial cavity I | PHYSIOLOGY PY5.10  Microcirculation  Cutaneous circulation  Foetal circulation |  | BIOCHEM  Tutorials |  | Tutorials | Effect of  exercise on  cardio  respiratory  parameters  Harvard  step test  /ECG |  |

February 2020

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| Date | Day | 9To10AM | 10To11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  PM | Practicals2-4 PM (TLM: DOAP)  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| ANAT  Histology | PHYSIO I | PHYSIO II | BIOCHEM |
| TLM | | Lecture | Lecture | DOAP | DOAP |
| 1-2-20 | Sat | BIOCHEMISTRYBI6.9&10  Mineral metabolism-  Phosphate | PHYSIOLOGY PY 8.1  Hormones regulating  Calcium and Phosphate | AETCOM 1.3 | ANATOMY  Emb-alimentary  system I - oral  cavity | L | COMMUNITY MED | | | | |
| 3-2-20 | Mon | PHYSIOLOGY  PY 8.2  Secretion, functions,  regulation of Adrenal cortex  hormones | BIOCHEMISTRY  Tryptophan metabolism |  |  | Tutorials | Tutorials | Effect of  exercise on  cardio  respiratory  parameters  Harvard  step test  /ECG | ELECTROP  HORESIS &  PAGE | AETCOM 1.3 |
| 4-2-20 | Tue | ANATOMY  AN 31.2.Orbit - N &vess,  3,4,6 cr n, strabismus,  Horner’ synd, nesting with  Physio | PHYSIOLOGY PY 8.2, 8.4,  8.5  Secretion, functions,  regulation of Adrenal  cortex hormones  Integrated with  Biochemistry |  |  |  | Tutorials |  | AETCOM 1.3 |
| 5-2-20 | Wed | BIOCHEMISTRYBI5.4  Sulphur AA metabolism(BSC) | ANATOMY  AN 32.1.B &subdivn of  antr tri, ML st, SM, DG tri |  |  |  | Tutorials |  | AETCOM 1.3 |

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| 6-2-20 | Thu | PHYSIOLOGY PY 8.2, 8.4,  8.5  Secretion, functions,  regulation of Adrenal  medullary hormones  Integrated with Biochemistry | ANATOMY  AN 28.9.Parotid region -  parts, borders, surf,  contents, nesting with  physio |  |  |  |  | Tutorials |  |  | AETCOM 1.3 |
| 7-2-20 | Fri | ANATOMY  Osteo: Mandible &  boundaries of temporal &  ITF | PHYSIOLOGY PY 10.3  Spinocerebellar pathways  and applied aspects  Integrated with Anatomy |  | BIOCHEM  Tutorials |  | Tutorials |  | AETCOM 1.3 |
| 8-2-20 | Sat |  |  |  |  |  |  |  |  |  |
| 10-2-20 | Mon | PHYSIOLOGY PY 10.4  Organisation of Motor  system  Integrated with Anatomy | BIOCHEMISTRYBI6.5  Fat sol vitamin-Vitamin A  (BSC) |  |  | Tutorials | Tutorials | Effect of  exercise on  cardio  respiratory  parameters  Harvard  step test  /ECG | CALCIUM  ESTIMATI  ON | Anatomy ECE  for Clinical  skill  Visit to ENT  Department |
| 11-2-20 | Tue | ANATOMY  AN 33.3.TMJ &ms of  mastication - att, ns,  pterygoid ven pl | PHYSIOLOGY PY 5.11  Pathophysiology of Shock  and syncope |  |  |  | Tutorials |
| 12-2-20 | Wed | BIOCHEMISTRY BI5.4  Branched chain AA  Metabolism | ANATOMY  AN 35.2.Thyroid, PT gl -  locn, parts, borders, reln,  bs, thyroid sw, sharing with  physio |  |  |  | Tutorials |
| 13-2-20 | Thu | PHYSIOLOGY PY 5.11  Shock and syncope | ANATOMY  AN 35.3.Thymus, subcl a,  car a, tributaries &  terminations of IJV, BCV |  |  |  | Tutorials |
| 14-2-20 | Fri | ANATOMY  Histo - Pancreas | PHYSIOLOGY PY 8.2  Secretion, functions,  regulation of Pancreatic  hormones  Integrated with  Biochemistry | ANATOMY  Osteo: cranial cavity  II | BIOCHEM  Tutorials |  | Tutorials | CVS exam |
| 15-2-20 | Sat | BIOCHEMISTRY BI6.1  Intermediary Metabolism -  Fed state | AIT (Linker) HEART FAILURE | | ANATOMY  Emb : GIT I | COMMUNITY MED | | | | |
| PHYSIOLOGY PY5.11  Pathophysiology of Heart  failure | Case discussion of  Heart failure  (GEN MED) |
| 17-2-20 | Mon | PHYSIOLOGY PY 8.2, 8.4,  8.5  Secretion, functions,  regulation of Pancreatic  hormones  Integrated with Biochemistry | BIOCHEMISTRY BI6.1  Intermediary Metabolism -  Starvation(BSC) |  |  | Pancreas | Tutorials | CVS exam |  | PHYSIO  Tutorials |
| 18-2-20 | Tue | ANATOMY  AN 35.6.Cerv part of symp  chain - extent, form, reln, br | PHYSIOLOGY PY 10.4  Stretch reflex; Mechanism  of maintenance of muscle  tone |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 19-2-20 | Wed | BIOCHEMISTRYBI6.5  Fat soluble vitamins-E& K, | ANATOMY  AN 35.5.Cervgp of LN,  cerv part of trachea, eso,  BSC |  |  |  | Tutorials |  | PHYSIO  Tutorials |

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| 20-2-20 | Thu | PHYSIOLOGY PY  CVS BSC | ANATOMY  AN 29.4.Scalms, cerv  pleura, styl app |  |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 21-2-20 | Fri |  |  |  |  |  |  |  |  |  |
| 22-2-20 | Sat | BIOCHEMISTRYBI5.4  Glu, Asp, Polyamines | PHYSIOLOGY PY 10.4  Other reflexes | PHYSIOLOGY PY  8.3  Physiology of thymus  and pineal gland | ANATOMY  Prevert reg, joint,  AA of cerv rib | COMMUNITY MED | | | | |
| 24-2-20 | Mon | ANATOMY  AN 41.1.Eyeball -parts,  layers, cataract, glaucoma,  central ret aoccln, optic n,  BSC | PHYSIOLOGY PY 10.7  Functional anatomy of eye,  image formation,  physiology of vision | ANATOMY  H- Cornea, Retina |  | Cornea,  Retina | Tutorials | Exam of  Sensory  system | PHOSPHAT  E  ESTIMATI  ON | Physio ECE  Cardio OPD,  ECG, TMT |
| 25-2-20 | Tue | BIOCHEMISTRYBI6.5  Water sol vit 1-B1&B2(BSC) | PHYSIOLOGY PY 10.4  Medial motor system |  |  |  | Tutorials |  |
| 26-2-20 | Wed | BIOCHEMISTRY BI5.4  1 carbon metab&AAurias | ANATOMY  Gross of Oral cavity -lip,  tooth, tongue - morph, ns,  bs, LD, action of ms, hypogl  n palsy, nesting with physio |  |  |  | Tutorials |  |
| 27-2-20 | Thu | PHYSIOLOGY PY  Stress Response (endocrinal) | ANATOMY  Pharynx - Killiansdeh,  sharing with physio |  |  |  | Tutorials |  |
| 28-2-20 | Fri | ANATOMY  Histo - Oral cavity, Lip,  Tooth | PHYSIOLOGY PY 10.1  Visual pathway and lesion  Integration with  ophthalmology | ANATOMY  Osteo: Cranial cavity  III | BIOCHEM  Tutorials |  | Tutorials |  |
| 29-2-20 | Sat | BIOCHEMISTRY BI5.4  Water sol vit 2-  B3,B6,B7(BSC) | PHYSIOLOGY PY 10.4  Muscle tone and its  supraspinal control | PHYSIOLOGY  CVS BSC | ANATOMY  Emb - CNS | COMMUNITY MED | | | | |

March 2020

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| Date | Day | 9To10AM | 10To11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  PM | Practicals2-4 PM (TLM: DOAP)  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| ANAT  Histology | PHYSIO I | PHYSIO II | BIOCHEM |
| TLM | | Lecture | Lecture | DOAP | DOAP |
| 2-3-20 | Mon | PHYSIOLOGY PY 7.1  Structure and function of  Kidneys | BIOCHEMISTRYBI5.4  His,Pro Ala, Leu  Metabolism |  |  | L | Oral  cavity, Lip,  Tooth | Tutorials | Examination  of Cranial N  I-VI | Bilirubin  estimation | PHYSIO  Tutorials |
| 3-3-20 | Tue | ANATOMY  Aud tube, BSC | PHYSIOLOGY PY10.4  Postural reflexes, spinal  animal and decerebrate&  decorticate preparations |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 4-3-20 | Wed | BIOCHEMISTRYBI6.5  Vitamin B12 & Folic  acid(BSC) | ANATOMY  Palatine tonsil, waldeyer’s  ring, tonsillitis, sharing with  physio |  |  |  | Tutorials |  | PHYSIO  Tutorials |

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| 5-3-20 | Thu | PHYSIOLOGY PY 10.17  Refractive errors, color vision,  color blindness  Integration with  Ophthalmology | ANATOMY  AN 37.1.Nose-feat of nasal  septum, lat wall, bs, ns, AA |  |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 6-3-20 | Fri | ANATOMY  Osteo: cerv vert | PHYSIOLOGY PY10.4  Cortico-spinal tract, origin,  course termination and  function.  Integration with Anatomy | ANATOMY  H- Kidney | BIOCHEM  Tutorials |  | Tutorials |  | PHYSIO  Tutorials |
| 7-3-20 | Sat | BIOCHEMISTRY  Metab of aromatic AA(BSC) | PHYSIOLOGY PY  Metabolic syndrome and  obesity; Psychiatric  component related to  metabolic syndrome | PHYSIOLOGY  PY(10.17)(10.20)  Pupil, light  reflex,visual  acuity,field of vision-  tests | ANATOMY  AN  37.2.Paranasal air  sinuses, fnlanat,  max sinusitis,  tumors, BSC | COMMUNITY MED | | | | |
| 9-3-20 | Mon | PHYSIOLOGY PY 10.4  Cortico spinal tract , origin ,  course termination and  function  Integration with Anatomy | BIOCHEMISTRYBI6.5  Pantothenic acid,Lipoic  Acid &Choline |  |  | Kidney | Tutorials | Examination  of Cranial N  I - VI  revision |  | PHYSIO  Tutorials |
| 10-3-20 | Tue | ANATOMY  Pterygopal fossa, gang, max  N | PHYSIOLOGY PY 7.2  Renal blood flow,JG  apparatus ,GFR, renin  angiotensin system |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 11-3-20 | Wed | BIOCHEMISTRYBI6.9&10  Mineral metabolism-  Iron&Copper(BSC) | ANATOMY  AN 38.1.Larynx-morph, st  of wall, ns, bs, actions of ms,  laryngitis, rec lar n injury,  pyriform fossa, BSC |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 12-3-20 | Thu | PHYSIOLOGY PY 10.15  Functional anatomy of ear -  Functions | ANATOMY  AN 40.1,2.Parts of ear,  middle ear \_ B&C, reln, fn,  nesting with physio |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 13-3-20 | Fri | ANATOMY  AN 40.4,5.Otitis externa,  media, myringotomy, BSC | PHYSIOLOGY PY 10.4  UML, LMN and their  lesions | ANATOMY  Indiv bones of skull | BIOCHEM  Tutorials |  | Tutorials |  | PHYSIO  Tutorials |
| 14-3-20 | Sat |  |  |  |  |  |  |  |  |  |
| 16-3-20 | Mon | PHYSIOLOGY PY 7.3  Reabsorption and secretion  in the nephron tubules | BIOCHEMISTRYBI6.5  Vitamin C(BSC) |  |  | Tutorials | Tutorials | Perimetry | Prep of  buffers  &Ph meter | PHYSIO  Tutorials |
| 17-3-20 | Tue | ANATOMY  AN 40.3.Int ear & 8thcr n,  sharing with physio | PHYSIOLOGY PY 10.15  Auditory pathway and  processing of auditory  signals |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 18-3-20 | Wed | BIOCHEMISTRYBI6.9&10  Mineral Metabolsm-I,Mg,Mn | ANATOMY  Intro to neuroanat, nesting  with physio |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 19-3-20 | Thu | PHYSIOLOGY PY 7.5  Renal handling of  electrolytes, fluids, transport  maximum | ANATOMY  H- Ureter |  |  |  | Tutorials |  | PHYSIO  Tutorials |

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| 20-3-20 | Fri | ANATOMY  AN 57.1.Spinal cord - int &  ext feat, nesting with physio | ANATOMY  Sp cord - tracts, injuries,  linker | PHYSIOLOGY  PY 10.6  Spinal cord functions,  transection and spinal  shock | BIOCHEM  Tutorials |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 21-3-20 | Sat | BIOCHEMISTRYBI6.11  Heme synthesis | PHYSIOLOGY  PY 10.5, 10.15  Physiology of hearing,  vestibular system  (equilibrium) | PHYSIOLOGY  Tutorials | ANATOMY  Emb - CNS | COMMUNITY MED | | | | |
| 23-3-20 | Mon | PHYSIOLOGY PY  Endocrionlogy BSC | BIOCHEMISTRY  BI6.9&10  Mineral Metabolism-Se  &Zn |  |  | Ureter | Tutorials |  |  | PHYSIO  Tutorials |
| 24-3-20 | Tue | ANATOMY  Emb– CNS | PHYSIOLOGY PY  Endocrionlogy BSC |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 25-3-20 | Wed |  |  |  |  |  |  |  |  |  |
| 26-3-20 | Thu | II internal assessment |  |  |  |  |  |  |  |  |
| 27-3-20 | Fri |  |  |  |  |  |  |  |  |  |
| 28-3-20 | Sat |  |  |  |  |  |  |  |  |  |
| 30-3-20 | Mon |  |  |  |  |  |  |  |  |  |
| 31-3-20 | Tue |  |  |  |  |  |  |  |  |  |

April 2020

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| Date | Day | 9To10AM | 10To11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  PM | Practicals2-4 PM (TLM: DOAP)  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| ANAT  Histology | PHYSIO I | PHYSIO II | BIOCHEM |
| TLM | | Lecture | Lecture | DOAP | DOAP |
| 1-4-20 | Wed | II internal assessment |  |  |  | L |  |  |  |  |  |
| 2-4-20 | Thu |  |  |  |  |  |  |  |  |  |
| 3-4-20 | Fri |  |  |  |  |  |  |  |  |  |
| 4-4-20 | Sat |  |  |  |  |  |  |  |  |  |
| 6-4-20 | Mon |  |  |  |  |  |  |  |  |  |
| 7-4-20 | Tue | ANATOMY  Histo - urinary bladder | PHYSIOLOGY PY10.16  Deafness, hearing test  Integration with ENT | ANATOMY  Feedback on formative assessment 2 | | Urinary  bladder | Tutorials  With  feedback on  formative  assessment  2 | Examination  of Cranial N  VII - XII | CHARTS | PHYSIO  Tutorials |
| 8-4-20 | Wed | BIOCHEMISTRY BI6.1  Porphyrias (BSC) | ANATOMY  AN 58.12,3,4.Medulla  oblongata-ext feat, TS at 3  levels, cr n nucl with fnlgp,  medial &lat med syns,  nesting with physio |  |  |  |  | PHYSIO  Tutorials |
| 9-4-20 | Thu | PHYSIOLOGY PY7.3  Concentration and dilution of  urine | ANATOMY  Histo - Tongue |  |  |  |  | PHYSIO  Tutorials |
| 10-4-20 | Fri |  |  |  |  |  |  |  |  |  |
| 11-4-20 | Sat |  |  |  |  |  |  |  |  |  |

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| 13-4-20 | Mon | PHYSIOLOGY PY  (10.13)(10.14)  Perception of taste, pathway,  abnormalities  Integration with ENT | BIOCHEMISTRY  Water & electrolyte  balance-1(BSC) |  |  |  | Tongue | Tutorials  With  feedback on  formative  assessment  2 |  |  | PHYSIO  Tutorials |
| 14-4-20 | Tue |  |  |  |  |  |  |  |  |  |
| 15-4-20 | Wed | BIOCHEMISTRYBI6.12  Heme degradation | ANATOMY  AN 59.1,2,3.Pons - ext feat,  TS at 2 levels, cr n nucl with  fnlgp, nesting with physio |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 16-4-20 | Thu | PHYSIOLOGY PY7.5  Acidification of urine | ANATOMY  AN 61.1,2,3.Midbrain - ext  feat, TS at 2 levels, nucl,  benedicts&weberssynd,  sharing with physio |  |  |  | Tutorials | Cranial N  VII - XII  revision |  | PHYSIO  Tutorials |
| 17-4-20 | Fri | ANATOMY  AN 60.1,2,3.  Cerebellum - ext& int feat,  nucl, conn, cerebellar dysfn,  integration with physio | PHYSIOLOGY PY10.7  Cerebellum connections,  functions  Integration with Anatomy | ANATOMY  Histo  Cerebrum,  Cerebellum | BIOCHEM  Tutorials |  | Tutorials | CHARTS | PHYSIO  Tutorials |
| 18-4-20 | Sat | BIOCHEMISTRY  Water & electrolyte balance-  2 | PHYSIOLOGY PY 10.7  Cerebellar lesions | PHYSIOLOGY  PY(10.13)(10.14)  Perception of smell,  smell pathway,  abnormalities  Integration with ENT | ANATOMY  4th vent, BSC | COMMUNITY MED | | | | |
| 20-4-20 | Mon | PHYSIOLOGY PY10.9  BSC-1 Auditory and visual  evoked potentials Integration  with ENT and ophthalmology | BIOCHEMISTRY  Water & electrolyte  balance-2 |  |  | Cerebrum,  Cerebellum | Tutorials | Cranial N  VII - XII  revision |  | PHYSIO  Tutorials |
| 21-4-20 | Tue | ANATOMY  AN 62.2.Cerebrum - surf,  borders, sulci, gyri, poles, fnl  areas, integration with  neurology | PHYSIOLOGY PY 10.7  Cerebral cortex  Areas and Functions  Integration with Anatomy |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 22-4-20 | Wed | ANATOMY  AN 62.4. Basal gang-parts,  conn, sharing with physio | PHYSIOLOGY  PY 10.7  Basal ganglia , nuclei,  connections  Integration with Anatomy |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 23-4-20 | Thu | PHYSIOLOGY PY10.7  Basal ganglia, functions and  lesion  Integration with Psychiatry | ANATOMY  III &lat vent-parts, bound,  feat, rel, sharing with  physio |  |  |  | Tutorials | Examination  of Motor  system and  reflexes |  | PHYSIO  Tutorials |
| 24-4-20 | Fri | ANATOMY  AN 62.4.Limbic sys-parts,  conn, olf n, integration with  neurology | PHYSIOLOGY PY10.7  Nuclei of limbic system,  functions, abnormalities  Integration with Psychiatry | ANATOMY  White matt of  cerebrum | BIOCHEM  Tutorials |  | Tutorials |  | PHYSIO  Tutorials |
| 25-4-20 | Sat |  |  |  |  |  |  |  |  |  |
| 27-4-20 | Mon | PHYSIOLOGY PY7.5  ECF Volume and Osmolality  regulation | BIOCHEMISTRY  Body fluids, ECF  composition, Plasma buffers  and pH |  |  |  | Tutorials | Examination  of Motor  system and  reflexes |  | PHYSIO  Tutorials |

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| 28-4-20 | Tue | PHYSIOLOGY PY 10.7  Nuclei of thalamus, function | ANATOMY  62.5.Thalamus, with BSC |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 29-4-20 | Wed | BIOCHEMISTRY  Nutrition & Energy | ANATOMY  AN 62.5.Epithal, metathal,  subthal - parts, bound, rel,  nucle, conn, int capsule,  integration with psychiatry |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 30-4-20 | Thu | ANATOMY  Hypothal, integration with  psychiatry | PHYSIOLOGY PY10.7  Functions of hypothalamus |  |  |  | Tutorials |  | PHYSIO  Tutorials |

Number of teaching hours in first term:   
 ANATOMY16/WEEK

PHYSIOLOGY13/WEEK   
 BIOCHEMISTRY6/WEEK

COMMUNITY MEDICINE 3/WEEK

**FATHIMA INSTITUTE OF MEDICAL SCIENCES, KADAPA**

MASTER TIMETABLE FOR I MBBS 2019-20 BATCH, III TERM (01-05-2020 to 31-08-2020)

Note:

1. Lecture topics for different subjects are shown in following colours: Anatomy, Physiology, Biochemistry,Aligned Integrated Topic

2. Dissection follows topics covered in Anatomy theory classes

3. Sports and Extracurricular activities: 4:00 PM onwards

4. Legend: BSC - Basic Sciences Correlation; ECE - Early Clinical Exposure; AIT - Aligned Integrated Topic; H - Histology; TLM - Teaching learning method

May 2020

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| Date | Day | 9To10AM | 10To11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  PM | Practicals 2-4 PM (TLM: DOAP)  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| TLM | | Lecture | Lecture | DOAP | DOAP | ANAT  Histology | PHYSIO I | PHYSIO II | BIOCHEM |
| 1-5-20 | Fri |  |  |  |  | L  U  N  C  H |  |  |  |  |  |
| 2-5-20 | Sat | BIOCHEMISTRYBI8.2  Nutrition&Energy(BSC) | PHYSIOLOGY PY7.6  Innervations of urinary  bladder , micturition,  abnormalities | PHYSIOLOGY  PY10.20  (BSC-2) Test for smell,  taste, vision  Integration with ENT,  ophthalmology | ANATOMY  Cr n nuclei | Community Medicine | | | | |
| 4-5-20 | Mon | PHYSIOLOGY PY 4.1  Structure, introduction,  functions of digestive system  Integration with Anatomy | BIOCHEMISTRYBI8.4  Obesity & Balanced Diet | ANATOMY  H- GIT 1 |  | GIT 1 | Tutorials | Examination  of Motor  system and  reflexes | Charts | Physio ECE  Visit to  Optometry &  Audiometry |
| 5-5-20 | Tue | ANATOMY  Ret formation of brain | PHYSIOLOGY PY10.5  Reticular activating system  structure , function.  Integration with Anatomy |  |  |  | Tutorials |  |
| 6-5-20 | Wed | BIOCHEMISTRYBI6.8  Acid Base Balance | ANATOMY  3,4,6 cr n |  |  |  | Tutorials |  |
| 7-5-20 | Thu | PHYSIOLOGY PY (7.7) (7.9)  Cystometry, artificial kidney,  dialysis, renal  transplantation  Integration with General  medicine. | ANATOMY  5thcr n |  |  |  | Tutorials |  |
| 8-5-20 | Fri | ANATOMY  7thcr n | PHYSIOLOGY PY 4.2  Composition, secretion,  functions, regulation of  salivary secretion | ANATOMY  9, 10 cr n | BIOCHEM  Tutorials |  | Tutorials |  |
| 9-5-20 | Sat |  |  |  |  |  |  |  |  |  |
| 11-5-20 | Mon | PHYSIOLOGY PY10.8  EEG, stages of sleep  Integration with Psychiatry | BIOCHEMISTRYBI8.1  Dietary Fibre& PEM (BSC) |  |  |  | Tutorials | Examination  of Abdomen |  | Anatomy  ECE for  clinical skill  Visit to OBG  Department |
| 12-5-20 | Tue | ANATOMY  11, 12 cr n | PHYSIOLOGY PY  Deglutition |  |  |  | Tutorials |  |

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| 13-5-20 | Wed | BIOCHEMISTRYBI6.8  Acid Base Disorders &ABG | ANATOMY  BS of brain (with BSC) |  |  |  |  | Tutorials |  | CASE  DISCUSSION |  |
| 14-5-20 | Thu | PHYSIOLOGY PY9.1  Sex determination,  differentiation, puberty  adolescent and abnormalities  Integration with Anatomy | ANATOMY  AN 44.1.Introdn to ant abd  wall, planes, reg, quad,  fascia, nv, bv, ms |  |  |  | Tutorials |  |
| 15-5-20 | Fri | ANATOMY  AN 44.3.Rectus sheath -  form & contents | PHYSIOLOGY  PY (4.2)(4.3)  Composition, secretion,  function, regulation of  gastric secretion, gastric  movements  Integration with  Biochemistry | ANATOMY  AN 44.4.Boundaries&  contents of ing canal,  Hesselbachs tri, ing  hernia, abd incisions | BIOCHEM  Tutorials |  | Tutorials |  |
| 16-5-20 | Sat | BIOCHEMISTRY  BI6.13,14,15  RFT-1 (BSC) | PHYSIOLOGY  PY (7.8) (7.4)  Renal function tests, renal  clearance, diuretics | PHYSIOLOGY  PY (9.3)(9.5)  Male reproductive  system:  spermatogenesis, male  sex hormones | ANATOMY  H- male  reproductive  system | COMMUNITY MED | | | | |
| 18-5-20 | Mon | PHYSIOLOGY PY (4.2)(4.3)  Small intestine-secretion,  movements  Integration with  Biochemistry | BIOCHEMISTRY )BI7.5  Detoxification |  |  | Male  reproducti  ve system | Tutorials | Examination  of Abdomen |  | Physio ECE  Visit to  Neurology  OPD,  EEG and  ENMG |
| 19-5-20 | Tue | ANATOMY  AN 46.1,2,3,4.Testis -  coverings, int st, side det, bs,  ns, LD, descent, AA,  epididymis, parts, penis -  comp, BS, LD, phimosis,  circumcision, sp cord,  contents, vas def, vasectomy, | PHYSIOLOGY PY 10.9  Higher mental  functions,memory-  physiological basis  Integration with Psychiatry |  |  |  | Tutorials |  |
| 20-5-20 | Wed | BIOCHEMISTRY BI8.3  Diet chart in special  conditions-Pregnancy,  childhood | ANATOMY  BSC: ingherniae, testis AA |  |  |  | Tutorials |  |
| 21-5-20 | Thu | PHYSIOLOGY PY (9.7)(9.9)  Male reproductive  system:effects of removal of  gonads, semen analysis(WHO  guidelines) | ANATOMY  AN 45.1.Thoracolumbar  fascia, major subgroups of  back ms, ns, action,  exposure of kidney from  back, removal of sp cord | ANATOMY  H- Small intestine,  Large intestine |  |  | Tutorials |  |
| 22-5-20 | Fri | ANATOMY  Peritoneal refln | PHYSIOLOGY  PY(4.2)(4.3)  Large intestine-  secretion,movements,  defecation reflex,role of  dietary fiber | ANATOMY  AN47.1,2,3,4.  Boundaries & recesses  of lesser sac, gr sac,  perit folds, pouches,  ascites, peritonitis,  subphr abs, kehr’s sign  linker | BIOCHEM  Tutorials |  | Tutorials |  |

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| 23-5-20 | Sat | AIT (Linker) RENAL FAILURE | | | ANATOMY  Emb -GIT |  | COMMUNITY MED | | | | |
| BIOCHEMISTRY  RFT 2 (in case of acute and  chronic Renal failure) | PHYSIOLOGY PY  Pathophysiology of Renal  failure | PHYSIOLOGY PY  Discussion of sample  case of Renal failure  (Med/ Nephrology) |
| 25-5-20 | Mon | PHYSIOLOGY PY 10.9  Language and Speech -  physiological basis  Integration with Psychiatry | BIOCHEMISTRY BI8.3&5  Special Diet charts for DM,  CAD(BSC) |  |  | Small  intestine,  Large  intestine | Tutorials | Demo of  Comp  Spirometry |  | PHYSIO  Tutorials |
| 26-5-20 | Tue | ANATOMY  Spleen & pancreas - anat  position, features, perit&  other reln, bs, ns, ld, AA,  splenic notch, acc spleen,  celiac tr, br | PHYSIOLOGY PY(9.4)  Female reproductive  system:(ovary-  function,control)(menstrual  cycle) |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 27-5-20 | Wed | BIOCHEMISTRY BI7.1  Introduction to Mol Bio | ANATOMY  Abd part of esoph, stomach,  anat position, feat, perit&  other reln, bs, ns, ld, app,  lymph spread in ca  stomach, vagotomy |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 28-5-20 | Thu | PHYSIOLOGY PY(4.7)  Liver-secretion,function, tests  Integration with  Biochemistry | ANATOMY  BSC - spleen,  pancreas,esoph, stomach | ANATOMY  H- Liver, GB |  |  | Tutorials |  | PHYSIO  Tutorials |
| 29-5-20 | Fri | ANATOMY  Mesentery, SI, vess, origin,  course ,br | PHYSIOLOGY  PY(9.4)(9.5)(9.7)  Female reproductive  system:female sex  hormones,effect of removal  of gonads | ANATOMY  LI - cecum, appendix,  anat position, feat, perit  & other reln, bs, ns, ld,  AA | BIOCHEM  Tutorials |  | Tutorials |  | PHYSIO  Tutorials |
| 30-5-20 | Sat | BIOCHEMISTRY BI7.1  Chromatin, chromosomes &  Genes | PHYSIOLOGY PY (4.8)  Pancreas-  secretion,functions, tests  Integration with  Biochemistry | PHYSIOLOGY PY  Renal system BSC | ANATOMY  Duodenum: anat  position, feat,  perit& other  reln, bs, ns, ld, aa | COMMUNITY MED | | | | |
| 31-5-20 | Sun |  |  |  |  |  |  |  |  |  |

June 2020

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| Date | Day | 9To10AM | 10To11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  P  M | Practicals2-4 PM  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| ANAT  Histology | PHYSIO  TUTORI  ALS | PHYSIO | BIOCHEM |
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| 1-6-20 | Mon | PHYSIOLOGY PY(9.8)  Fertilization, Physiology of  Pregnancy | BIOCHEMISTRY  Immunochemistry |  |  | L  U | Liver, GB | Tutorials | Examination  of RS  Revision |  | Biochem ECE  for clinical  skill  Visit to INU  (Nephro)  wards for  Renal failure  Orientation |
| 2-6-20 | Tue | ANATOMY  AN 47.8.Portal v -formn, course,  relns, trib, portosystemic anast,  hematemesis, caput medussae in  portal HT, linker | PHYSIOLOGY PY 10.5  Autonomic nervous system  Integration with Anatomy |  |  |  | Tutorials | DEMO  ABG |

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| 3-6-20 | Wed | BIOCHEMISTRYBI7.2  DNA Replication & Repair | ANATOMY  Liver, anat position, feat,  peritreln, bs, ns, ld, AA,  calot’s tri, liver biopsy,  EHBA, referred pain in  cholecystitis, obs jaundice,  BSC |  |  | N  C  H |  | Tutorials |  |  |  |
| 4-6-20 | Thu | PHYSIOLOGY PY(11.1)  Structure of skin,mechanism of  temperature regulation | ANATOMY  Kidney, ureter - anat  position, feat, perit& other  reln, bs, ns, ld, aa, referred  pain of kidney to groin | ANATOMY  H- Female reproductive  system |  |  | Tutorials |  |
| 5-6-20 | Fri | ANATOMY  Suprarenal gl - anatpositn,  feat, perit& other reln, bs, ns,  ld, aa, chromaffin syst, BSC | PHYSIOLOGY  PY(9.8)(9.10)  Pregnancy tests, placenta  Integration with OBG | ANATOMY  Diaphragm - att,  openings, ns, action,  abnormal openings,  diaphragm hernia | BIOCHEM  Tutorials |  | Tutorials |  |
| 6-6-20 | Sat | AIT (Linker) JAUNDICE | | | ANATOMY  Emb -  genitourinary  syst | COMMUNITY MED | | | | |
| BIOCHEMISTRY  Catabolism of Heme  Liver function tests and other  tests in case of Jaundice  (LFT 1) | PHYSIOLOGY PY  Mechanism of disposal of  heme catabolism products  Physiological basis of various  types of Jaundice | PATHOLOGY  Pathophysiology of  Jaundice |
| 8-6-20 | Mon | PHYSIOLOGY PY(11.2)  Adaptation to altered  temperature (Heat and cold) | BIOCHEMISTRYBI10.3  Immune responses & T  helper cells |  |  | Female  reproducti  ve system | Tutorials | Examination  of CVS  Revision |  | PHYSIO  Tutorials |
| 9-6-20 | Tue | ANATOMY  N, vess of abd, abd aorta, IVC,  renal v, lumb part of symp  chain, celiac gang, LN | BIOCHEMISTRY  BI6.13,14,15  LFT-2(BSC) |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 10-6-20 | Wed | BIOCHEMISTRYBI7.2  Transcription of DNA | ANATOMY  Perineum I: bound, subdivn,  IRF:B&C, perianal abscess,  AA, BSC |  |  |  | Tutorials |  | PHYSIO  Tutorials |
| 11-6-20 | Thu | PHYSIOLOGY PY(4.4)  Physiology of  digestion,absorption of  nutrients  Integration with Biochemistry | ANATOMY  Perineum II: superf& deep  perineal pouches, perineal  memb, perineal body,  perineal tear, episiotomy | ANATOMY  H- Placenta, Umbilical  cord |  |  | Tutorials |  | PHYSIO  Tutorials |
| 12-6-20 | Fri | ANATOMY  Urinary bladder, urethra - anat  position, feat, perit& other reln,  bs, ns, ld, aa, neur basis of UB,  suprapubiccystotomy, urin  obstrn | PHYSIOLOGY PY 9.8  Parturition and lactation  Integration with OBG | ANATOMY  Emb - genitourinary  syst | BIOCHEM  Tutorials |  | Tutorials |  | PHYSIO  Tutorials |
| 13-6-20 | Sat |  |  |  |  |  |  |  |  |  |
| 15-6-20 | Mon | PHYSIOLOGY PY(11.3)  Mechanism of fever,cold  injuries, and heat stroke | BiochemistryBI6.13,14,15  Adrenocortical Hormones  (BSC) |  |  | Placenta,  Umb cord | Tutorials | Examination  of Abdomen  Revision |  | Biochem ECE  for clinical  skill  Visit to  medicine |

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| 16-6-20 | Tue | ANATOMY  Prostate, SV, ED, anat position,  feat, perit& other reln, bs, ld,  ns, aa, urinary obstrn in BPH &  prost ca | PHYSIOLOGY PY(4.5)  GIT hormones |  |  |  |  | Tutorials |  |  | wards for  Jaundice  cases |
| 17-6-20 | Wed | BIOCHEMISTRYBI7.2  Translation | ANATOMY  AN 48.1.Femalerepr organs:  uterus - position, feat, perit  & other reln, bs, ns, ld, aa,  per vaginal examn,  retroverted ut, prolapsed ut,  fibroids |  |  |  | Tutorials | DEMO  AUTO  ANALYSE  R |
| 18-6-20 | Thu | PHYSIOLOGY PY(9.11)(9.12)  Peri menopause, menopause,  infertility, IVF  Integration with OBG | ANATOMY  Ovary & FT: position, feat,  perit& other reln, bs, ns, ld,  aa, tubal preg, tubal lign, B  SC |  |  |  | Tutorials |  |
| 19-6-20 | Fri | ANATOMY  Rectum - position, feat, perit&  other reln, bs, ns, ld, aa,per  rectal examn, | PHYSIOLOGY PY  GIT BSC  Gut-brain axis | ANATOMY  Anal canal -position,  feat, perit& other reln,  bs, ns, ld,  aa,hemorrhoids, anal  fistula, anal fissure, B  SC | BIOCHEM  Tutorials |  | Tutorials |  |
| 20-6-20 | Sat | BIOCHEMISTRYBI10.4  Biochem of AIDS-1 | PHYSIOLOGY PY  CNS BSC 1 | AETCOM 1.4 | ANATOMY  Emb -  genitorinarysyst | COMMUNITY MED | | | | |
| 22-6-20 | Mon | PHYSIOLOGY PY  GIT BSC  GIT function tests and applied  Aspects | BIOCHEMISTRYBI7.3  Regulation of Gene  expression |  |  | Revision of  Histology  slides | Tutorials | Examination  of Nervous  System  Revision |  | AETCOM 1.4 |
| 23-6-20 | Tue | ANATOMY  N &V of pelvis, origin, course,  relnbr of int iliac a, br of sacral  plexus | PHYSIOLOGY PY(9.6)  Contraception  Integration with OBG,  community medicine |  |  |  | Tutorials |  | AETCOM 1.4 |
| 24-6-20 | Wed | BIOCHEMISTRY BI10.4  Biochem of AIDS-2 | ANATOMY  Pelvic diaphr - ms, joints of  pelvis, intervert, sacroiliac,  pubic symphysis, lordosis,  prolapsed disc,  spondylolisthesis, spina  bifida |  |  |  | Tutorials |  | AETCOM 1.4 |
| 25-6-20 | Thu | PHYSIOLOGY PY  CNS BSC 2 | ANATOMY  AN 73.1.Genetics - chr  classifn, karyotyping, Lyons  hypothesis |  |  |  | Tutorials |  | AETCOM 1.4 |
| 26-6-20 | Fri | ANATOMY  AN 75.1.Str&numchr  aberrations, mosaics, chimeras,  praderWilli,Edward, patau,  polymorphism & mutations | PHYSIOLOGY PY  Reproductive system BSC | ANATOMY  AN 74.1.Modes of  inheritance, pedigree chart,  multifactorial inh,  achondroplasia, cystic  fibrosis, vit D resistant  rickets, hemophilia, duchenne  musc dystrophy, sickle cell  anemia | BIOCHEM  Tutorials |  | Tutorials |  | AETCOM 1.4 |

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| 27-6-20 | Sat | BIOCHEMISTRYBI10.1  Oncogenes & Apoptosis | PHYSIOLOGY  Small group discussion | | ANATOMY  Emb - revn |  | COMMUNITY MED | | | | |
| 29-6-20 | Mon | PHYSIOLOGY PY  CSF | BIOCHEMISTRY BI15.9  CSF |  |  | Tutorials | Tutorials |  |  | Anatomy  ECE for  clinical skill  Visit to  Genetics lab |
| 30-6-20 | Tue | ANATOMY  Prenatal diagnosis,  amniocentesis, CVB | PHYSIOLOGY  Tutorials |  |  |  | Tutorials |  |  |

July 2020

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| Date | Day | 9To10AM | 10To11 AM | 11 To12 noon  Dissection  (Mon - Fri) | 12 to 1 PM  Dissection  (Mon - Fri) | 1-2  PM | Practicals2-4 PM (TLM: DOAP)  (4 out of 5 batches are engaged by rotation) | | | | Free Batch  (Small group  activities)  4:00-5:00 PM |
| ANAT  Histology | PHYSIO I | PHYSIO II | BIOCHEM |
| TLM | | Small group discussion | Small group discussion | DOAP | DOAP |
| 1-7-20 | Wed | BIOCHEMISTRYBI10.2  Biochemistry of  Cancer&Tumor markers | ANATOMY  BSC in genetics |  |  | L  U  N  C  H |  | Tutorials |  |  | Anatomy  ECE for  clinical skill  Visit to  Genetics lab |
| 2-7-20 | Thu | PHYSIOLOGY  Tutorials | ANATOMY  Genetic counseling |  |  |  | Tutorials |  | DEMO  ELISA |
| 3-7-20 | Fri | ANATOMY  Linker – genetics | PHYSIOLOGY  Tutorials | ANATOMY  Revision | BIOCHEM  Tutorials |  | Tutorials |  |  |
| 4-7-20 | Sat | BIOCHEMISTRY BI7.6  Free radicals & antioxidants | PHYSIOLOGY  Tutorials | PHYSIOLOGY  Tutorials |  | COMMUNITY MED | | | | |
| 6-7-20 | Mon | PHYSIOLOGY  Tutorials | BIOCHEMISTRYBI7.4  PCR & Blotting techniques |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 7-7-20 | Tue | ANATOMY | PHYSIOLOGY  Tutorials |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 8-7-20 | Wed | BIOCHEMISTRY  BI6.13,14,15  Thyroid function Tests  (BSC) | ANATOMY  Tutorials |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 9-7-20 | Thu | PHYSIOLOGY  Tutorials | ANATOMY  Tutorials |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 10-7-20 | Fri | ANATOMY  Tutorials | PHYSIOLOGY  Tutorials |  | BIOCHEM  Tutorials |  | Tutorials |  |  | PHYSIO  Tutorials |
| 11-7-20 | Sat |  |  |  |  |  |  |  |  |  |
| 13-7-20 | Mon | PHYSIOLOGY  Tutorials | BIOCHEMISTRY  Thyroid Function Tests-2 |  |  |  | Tutorials |  |  | PHYSIO  Tutorials |
| 14-7-20 | Tue | III Internal Assessment | | | |  | | | | |
| 15-7-20 | Wed |
| 16-7-20 | Thu |
| 17-7-20 | Fri |
| 18-7-20 | Sat |
| 20-7-20 | Mon |
| 21-7-20 | Tue |
| 22-7-20 | Wed |
| 23-7-20 | Thu |

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| 24-7-20 | Fri |  | | | |  |  | | | | |
| 25-7-20 | Sat | BIOCHEMISTRYBI7.4  Recomb DNA  technology&Gene therapy | PHYSIOLOGY  Tutorials | PHYSIOLOGY  Tutorials | ANATOMY | COMMUNITY MEDICINE | | | | |
| 27-7-20 | Mon | PHYSIOLOGY  Tutorials | BIOCHEMISTRY  Other Body Fluids | ANATOMY  Feedback on formative assessment 3 | |  | Tutorials  With  feedback  on  formative  assessment  3 |  |  | PHYSIO  Tutorials |
| 28-7-20 | Tue | ANATOMY | PHYSIOLOGY  Tutorials |  |  |  |  |  | PHYSIO  Tutorials |
| 29-7-20 | Wed | BIOCHEMISTRY  Electrophoresis | ANATOMY  Tutorials |  |  |  |  |  | PHYSIO  Tutorials |
| 30-7-20 | Thu | PHYSIOLOGY  Tutorials | ANATOMY  Tutorials |  |  |  |  |  | PHYSIO  Tutorials |
| 31-7-20 | Fri |  |  |  |  |  |  |  |  |  |  |

August 2020

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

Number of teaching hours in first term:   
 ANATOMY16/WEEK

PHYSIOLOGY15/WEEK   
 BIOCHEMISTRY6/WEEK

PROMOTIONAL EXAMINATION AS PER UNIVERSITY NOTIFICATION