SJM VIDYAPEETHA ®
BASAVESHWARA MEDICAL COLLEGE & HOSPITAL, CHITRADURGA.
1st MBBS YEARLY TIME TABLE

DATE/DAY	8 – 9	9 – 10	10 – 11	11 – 12	12 – 1		2 - 5
03-9-2019 **(Tuesday)**	**Anatomy** (Theory Class) History of Anatomy, Subdivision of Anatomy, Demonstration Anatomical position ; various ; planes of the body ; Terms, Types of movements	**Biochemistry** (Theory) Enumerate the sub-cellular organelles & Understanding fluid mosaic model	**Physiology** (Describe the structure and functions of mammalian cell)				• Introduction to Histology (Batch B) • Study of Microscope Examination of Drop of Blood (Batch C) • General Instructions(Batch -A)
04-9-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	**Anatomy** (Theory Class) Describe the Bones - Different types of bones, law of ossification & Blood supply of bone	Community Medicine			**L U N C H B R E A K**	• Introduction to Histology(Batch C) • Study of Microscope Examination of Drop of Blood (Batch A) • General Instructions(Batch -B)
05-9-2019 **(Thursday)**	**Biochemistry** (Theory) **Discussion on function and disorders associated with sub-cellular organelles**	**Anatomy** (Theory Class) Describe the Joints, Classification, Bursae & synovial membrane and fluid	**Physiology** (Describe and discuss the principles of homeostasis)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
06-9-2019 **(Friday)**	**Anatomy** (Theory Class) Describe the Muscular system - Types of muscle , Tendon , Aponeurosis	**Physiology** (Describe intercellular communication)	**Anatomy** (Self-directed learning) Describe parts, blood & nerve supply of a long bone Describe laws of ossification Describe special features of a sesamoid bone				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
07-9-2019 **(Saturday)**	**Physiology (Clinical Exposure)** Apoptosis	Anatomy (Clinical Exposure) Describe the disease of bones, fracture, diseases of muscles	Biochemistry (Clinical Exposure) **List the transporters across the cell membrane and their features**	AETCOM Module 1.1			

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09-9-2019 **(Monday)**	Biochemistry (Self-directed learning) **Definition, classification, and functions of carbohydrates.**	**Physiology** (Describeanddiscusstransportmechanismsacrosscellmembranes)	Anatomy (Theory Class) Describe the arterial system - Difference between arteries & Vein, Anastomosis, A-V Shunt thrombi, Emboli	**Dissection**		**L U N C H B R E A K**	• Introduction to Histology(Batch A) • Study of Microscope Examination of Drop of Blood (Batch B) • Instructions on Identification of Carbohydrates(Batch -C)
10-9-2019 **(Tuesday)**	Anatomy (Theory Class) Describe the stages of human life. Explain the terms- phylogeny, ontogeny, trimester, viability	Biochemistry (Theory Class) **Reactions and properties of monosaccharides**	**Physiology** (Describeapoptosis– programmedcell death)				• Introduction to Histology(Batch B) • Revision of Study of Microscope Examination of Drop of Blood (Batch C) • Instructions on Identification of Carbohydrates(Batch -A)
11-9-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the venous and Lymphatic system - Lymph & lymph vessels, Lymphoedema	Community Medicine				• Introduction to Histology(Batch C) • Revision of Study of Microscope Examination of Drop of Blood (Batch A) • Instructions on Identification of Carbohydrates(Batch -B)
12-9-2019 **(Thursday)**	Biochemistry (Theory Class) **Role of disaccharides in health and diseases**	Anatomy (Theory Class) Describe the Nervous system - Neuron and its types, synapsic, Nerve fibre & types subdivision its	**Physiology** (Describethefluidcompartmentsofthebody,itsionic compositi on &measurements)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
13-9-2019 **(Friday)**	Anatomy (Theory Class) Study of microscope & common objects.	**Physiology** (Describe the concept of pH & Buffer systems inthebody, Demonstratetheabilitytodescribeanddiscussthemethods usedtodemonstratethefunctionso fthecellsanditsproducts,its communicationsandtheirapplicationsinClinicalcareandresearch.)	Anatomy (Self-directed learning) Describe the various types of cartilage with its structure & distribution in body Describe the various joints with subtypesand examples Describe the concept ofnerve supply of joints &hilton'slaw				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
14-9-2019		Anatomy					
(Saturday)	Physiology (Clinical Exposure) Receptor & G Protein disease	(Clinical Exposure) Describe the thrombosis, infraction & aneurysm Describe the lymphocdena, varicose vein.	Biochemistry (Clinical Exposure) polysaccharides & its clinical cases	AETCOM Module 1.1			

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16-9-2019 **(Monday)**	Biochemistry (Self-directed learning) **Chemistry, classification of amino acids**	**Physiology** (Describeanddiscussthemolecularbasisofrestingmembrane potentialandactionpotentialinexcitabletissue)	Anatomy (Theory Class) Describethe skin & its types Describethe fascia, Describe the types of skin incision.	**Dissection**		**L U N C H B R E A K**	• Study of microscope & common objects(Batch A) • Effect of Various Concentration of Saline on Human RBC (Batch B) • Instructions on Identification of Carbohydrates(Batch -C)
17-9-2019 **(Tuesday)**	Anatomy (Theory Class) Describethe uterine changes occurring during the menstrual cycle. Describe the synchrony between the ovarian and menstrual cycles. Oogensis	Biochemistry (Theory Class) **Discussion on properties of amino acids**	**Physiology** (Describethecompositionandfunctionsofbloodcomponents)				• Study of microscope & common objects(Batch B) • Effect of Various Concentration of Saline on Human RBC (Batch C) • Instructions on Identification of Carbohydrates(Batch A)
18-9-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the attachment, nerve supply & action of pectoralis major and pectoralis minor	Community Medicine				• Study of microscope & common objects • Effect of Various Concentration of Saline on Human RBC (Batch A) • Instructions on Identification of Carbohydrates(Batch -B)
19-9-2019 **(Thursday)**	Biochemistry (Theory Class) **Description of structural organisation of proteins (Primary & Secondary)**	Anatomy (Theory Class) Breast : Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast, Describe development of breast	**Physiology** (Discuss the origin ,forms, variations and functions of plasma proteins)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
20-9-2019 **(Friday)**	Anatomy (Theory Class) Describethe simple epithelium – Structure & its functions	**Physiology** (Describeanddiscussthesynthesisandfunctionsof Haemoglobin andexplainitsbreakdown.Describevariantsofhaemoglobin)	Anatomy (Self-directed learning) Describe the side anatomical position of Clavicle. Mention the important muscle attachment, its articulation, ossification and applied Anatomy.				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes

21-9-2019 **(Saturday)**	Physiology (Clinical Exposure) Body Fluid volumes	Anatomy (Clinical Exposure) Describe the disease of mammary gland. Describe the menstrual cycle, PCOD	Biochemistry (Clinical Exposure) Description of structural organisation of proteins (Tertiary & Quaternary) and clinical correlation.	AETCOM Module 1.1		

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23-9-2019 **(Monday)**	Biochemistry (Self-directed learning) **Students discussion on Myoglobin &Hemoglobin**	**Physiology** (DescribeRBCformation(erythropoietin&itsregulation)anditsfunctions)	Anatomy (Theory Class) Describe the boundaries and contents of axilla. Describe origin, extent,course, parts,relations and branchesof axillary artery & tributaries of vein	**Dissection**		**L U N C H B R E A K**	• the simple epithelium – Structure & its functions(Batch A) • Study of Haemocytometer (BatchB) • Identification of Carbohydrates Maltose & Lactose(Batch -C)
24-9-2019 **(Tuesday)**	Anatomy (Theory Class) Describe spermatogenesis	Biochemistry (Theory Class) **Clinical aspects of Sickle cell anemia**	**Physiology** (Describedifferenttypesofanaemia's)				• the simple epithelium – Structure & its functions(Batch B) • Study of Haemocytometer (BatchC) • Identification of Carbohydrates Maltose & Lactose(Batch A)
25-9-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus, Variations, clinical features of Erb's palsy and klumpke's paralysis.	Community Medicine				• the simple epithelium – Structure & its functions(Batch C) • Study of Haemocytometer (BatchA) • Identification of Carbohydrates Maltose & Lactose(Batch -B)
26-9-2019 **(Thursday)**	Biochemistry (Theory Class) **Fundamental concepts of enzymes & coenzymes**	Anatomy (Theory Class) Describethe position, attachment,nerve supply and actions of trapezius, latissimusdorsi and scapular muscles	**Physiology** (DescribedifferenttypesofJaundice)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
27-9-2019 **(Friday)**	Anatomy (Theory Class) Describe the stratified epithelium – Structure & its functions	**Physiology** (DescribeWBCformation(granulopoiesis)anditsregulation)	Anatomy (Self-directed learning) Describe the side anatomical position of Scapula. Mention the important muscle attachment, its articulation, ossificationand applied Anatomy.				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
28-9-2019 (Saturday)	Physiology (Clinical Exposure) Hypo Proteinemia	**Anatomy (Clinical Exposure) Describe the Brachial plexuses injury Describe the collagen disorders, supracondylar fracture.**	Biochemistry (Clinical Exposure) IUBMB classification of enzymes with examples.	AETCOM Module 1.1			

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30-9-2019 **(Monday)**	Biochemistry (Self-directed learning) **Factor affecting enzyme action in health and disease**	**Physiology** (Describe the formation of platelets, functions and variations.)	Anatomy (Theory Class) Describe the deltoid and rotator cuff muscles and Intermuscular spaces, Explain anatomical basis of injury to axillary nerve during intramuscular injections				• stratified epithelium – Structure & its functions(Batch A) • RBC Estimation (Batch B) • Identification of Carbohydrates Sucrose(Batch -C)
01-10-2019 **(Tuesday)**	Anatomy (Theory Class) Describe the stages and consequences of fertilisation. Describe cleavage and formation of blastocyst, Describe the development of trophoblast, Describe the process of implantation & common abnormal sites of Implantation. Decidua reaction.	Biochemistry (Theory Class) **Role of Enzymes inhibitor in disease**	**Physiology** (Describe the physiological basis of haemostasis anticoagulants)	**Dissection**		**L U N C H B R E A K**	• stratified epithelium – Structure & its functions(Batch B) • RBC Estimation (Batch C) • Identification of Carbohydrates Sucrose(Batch -A)
03-10-2019 **(Thursday)**	Biochemistry (Theory Class) **Importance of enzyme regulation in metabolism**	Anatomy (Theory Class) Describe the muscle groups of upper arm. Describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm. Anastomosis around the elbow joint.	**Physiology** (Describe bleeding & clotting disorders(Haemophilia,purpura))				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
04-10-2019 **(Friday)**	Anatomy (Theory Class)	**Physiology** (Describe different blood group	Anatomy (Self-directed learning)				• Formative Assessment & Feedback/Vertical & Horizontal

	Describe the connective tissue – collagen fibre , Elastic fibre	sanddiscusstheclinicalimportance ofbloodgrouping,bloodbankingandtransfusion)	Describe the side anatomical position of Humerus. Mention the important muscle attachment, its articulation, ossification and applied Anatomy			Integration classes
05-10-2019 **(Saturday)**	Physiology (Clinical Exposure) Thalaesemia	Anatomy (Clinical Exposure) Describe the rotator cuff injury Describe the abnormal sites of implantation.	Biochemistry (Clinical Exposure) (**Understanding the biochemical aspects of OP poisioning**	AETCOM Module 1.2		Sports & Extra Curricular activities

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09-10-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis,Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the boundaries and contents of cubital fossa & posterior compartment of arm.	Community Medicine			**L U N C H B R E A K**	• the connective tissue – collagen fibre , Elastic fibre(Batch C) • RBC Estimation (Batch A) • Identification of Carbohydrates Sucrose Repetition (Batch -B)
10-10-2019 **(Thursday)**	Biochemistry (Theory Class) **Importance of enzyme assay in liver&cardiac diseases**	Anatomy (Theory Class) Describe the muscles, nerves and vessels of ventral forearm with attachments, nerve supply and actions. Describe flexor retinaculum with its attachments	**Physiology** (Defineandclassifydifferentt ypesofimmunity.Describeth e developmentofimmunityand itsregulation)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
11-10-2019 **(Friday)**	Anatomy (Theory Class) Describe various types of connective tissue with functional correlation – Adiposetissue, loose areolar tissue	**Physiology** (EstimateHb,RBC,TLC,)	Anatomy (Self-directed learning) Describe the side anatomical position of Radius. Mention the important muscle attachment, its articulation, ossification and applied Anatomy.				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
12-10-2019 **(Saturday)**	Physiology (Clinical Exposure) Haemoglobin pathies	Anatomy (Clinical Exposure) Describe the applied aspect of brachial artery. Describe the applied aspects of median cubital vein.	Biochemistry (Clinical Exposure) Role of **enzyme markers in disease condition.**	AETCOM Module 1.2			Sports & Extra Curricular activities

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14-10-2019 **(Monday)**	Biochemistry (Self-directed learning) **(Biochemical composition of extracellular matrix in health**	**Physiology** (Estimate RBCindices,DLC,Bloodgroups, BT/CT)	Anatomy (Theory Class) Describe the small muscles of hand. Also describe movements of thumb and muscles involved. Describe course and branches of important blood vessels and nerves in hand.	**Dissection**		**L U N C H B R E A K**	• various types of connective tissue with functional correlation – Adipose tissue, loose areolar tissue(Batch A) • Total Leucocytes Count (Batch B) • Preparation of Osazone(Batch-C)
15-10-2019 **(Tuesday)**	Anatomy (Theory Class) Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate., Describe the process of neurulation.Describe the development of somites and intra-embryonic coelom	Biochemistry (Theory Class) **composition of extracellular matrix in disease**	**Physiology** (DescribetestforESR,Osmoticfragility,Hematocrit.Noteth e findingsandinterpretthetestresultsetc)				• various types of connective tissue with functional correlation – Adipose tissue, loose areolar tissue(Batch B) • Total Leucocytes Count (Batch C) • Preparation of Osazone(Batch-A)
16-10-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths. Infection of fascial spaces of palm	Community Medicine				• various types of connective tissue with functional correlation – Adipose tissue, loose areolar tissue(Batch C) • Total Leucocytes Count (Batch A) • Preparation of Osazone(Batch-B)
17-10-2019 **(Thursday)**	Biochemistry (Theory Class) **Digestion and absorption of carbohydrates**	Anatomy (Theory Class) Describe the important muscle groups of dorsal forearm with attachments,	**Physiology** (Describestepsforreticulocyte)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each

		nerve supply and actions. Describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm. Describe compartments deep to extensor retinaculum. Describe the extensor expansion formation.				Department
18-10-2019 **(Friday)**	Anatomy (Theory Class) Describe the cartilage under the microscope & describe various types and structure- function correlation of the same	**Physiology** (Describestepsfor plateletcount)	Anatomy (Self-directed learning) Describe the side anatomical position of Ulna. Mention the important muscle attachment, its articulation, ossification and applied Anatomy.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
19-10-2019 **(Saturday)**	Physiology (Clinical Exposure) Anaemia	Anatomy (Clinical Exposure) Describe the dupytren's contracture. Describe the carpal tunnel syndrome.	Biochemistry (Clinical Exposure) **Lactose intolerance**	AETCOM Module 1.2		Sports & Extra Curricular activities

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21-10-2019 **(Monday)**	Biochemistry (Self-directed learning) **Glucose transporters**	**Physiology** (Describethestructureandfunctionsofaneuronandneuroglia; DiscussNerveGrowthFactor &othergrowthfactors/cytokines)	Anatomy (Theory Class) Describe the anatomical basis of Wrist drop.Anatomical basis of carpal tunnel syndrome.Anatomical basis of claw hand.	**Dissection**		**L U N C H B R E A K**	• The cartilage under the microscope & describe various types and structure- function(Batch A) • Haemoglobin estimation (Batch B) • Identification of unknown Carbohydrates(Batch -C)
22-10-2019 **(Tuesday)**	Anatomy (Theory Class) Describe the formation & fate of the primitive streak.Describe formation & fate of notochord	Biochemistry (Theory Class) **Aerobic and anaerobic oxidation of Glucose (Glycolysis)**	**Physiology** (Describethetypes,functions&propertiesofnervefibers)				• the cartilage under the microscope & describe various types and structure- function(Batch B) • Haemoglobin estimation (Batch C) • Identification of unknown Carbohydrates(Batch -A)
23-10-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the veins of upper limb and its lymphatic drainage	Community Medicine				• the cartilage under the microscope & describe various types and structure- function(Batch C) • Haemoglobin estimation (Batch A) • Identification of unknown Carbohydrates(Batch -B)
24-10-2019 **(Thursday)**	Biochemistry (Theory Class) **Describing Gluconeogenesis and clinical condition of G6PD**	Anatomy (Theory Class) Describe the shoulder joint - type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	**Physiology** (Describethedegenerationandregenerationinperipheralnerves)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
25-10-2019 **(Friday)**	Anatomy (Theory Class) Describe the bone under the microscope; classify various types and describethe	**Physiology** (Describethestructureofneuro-muscularjunctionandtransmission ofimpulses,	Anatomy (Self-directed learning) Describe the salient features of skeleton of hand .				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes

	structure-function correlation of the same	Discusstheactionofneuro-muscularblockingagents)				
26-10-2019 **(Saturday)**	Physiology (Clinical Exposure) Erythroblastosisfoetalis	Anatomy (Clinical Exposure) Clinical aspect of wrist drop, claw hand, frozen shoulder & shoulder dislocation	Biochemistry (Clinical Exposure) **Clinical case on starvation**	AETCOM Module 1.2		Sports & Extra Curricular activities

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28-10-2019 **(Monday)**	Biochemistry (Self-directed learning) Fate of glucose in fed state- **Glycogenesis**	**Physiology** (Describethepathophysiology ofMyastheniagravis)	Anatomy (Theory Class) Describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio- ulnar joints, wrist joint & first carp metacarpal joint		**U N C H B R E A K**	• bone under the microscope; classify various types and describethe structure-functioncorrelation of the same(Batch A) • TLC Revision (Batch B) • Instruction on Colour reactions(Batch -C)
30-10-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints &Metacarpophalangeal joint	Community Medicine	**Dissection**		• bone under the microscope; classify various types and describethe structure-functioncorrelation of the same(Batch C) • TLC Revision (Batch A) • Instruction on Colour reactions(Batch -B)
31-10-2019 **(Thursday)**	Biochemistry (Theory Class) Glucose in fasting - **Glycogenolysis**	Anatomy (Describe Sternoclavicular Joint. Acromioclavicular joint. Class)	**Physiology** (Describethedifferenttypesofmusclefibresandtheirstructure, Describeactionpotentialanditspropertiesindifferentmuscletypes (skeletal&smooth)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
02-11-2019 **(Saturday)**	Physiology (Clinical Exposure) Jaundice	Anatomy (Clinical Exposure) Clinical aspect of elbow & wrist joint.	Biochemistry (Clinical Exposure) **Inborn errors of glycogen metabolism**	AETCOM Module 1.3		Sports & Extra Curricular activities

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04-11-2019 **(Monday)**	Biochemistry (Self-directed learning)Galactose and Fructose metabolism	**Physiology** (Describethemolecularbasisofmusclecontractioninskeletaland insmoothmuscles , Describethemodeofmusclecontraction(isometricandisotonic), Explainenergysourceandmuscle metabolism)	Anatomy (Theory Class) Describe the extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles.Describe the origin, course, relations and branches of a typical intercostal nerve. Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels internal thoracic vessels.	**Dissection**		**L U N C H B R E A K**	• bone under the microscope; classify various types and describe the structure-function correlation of the same (Batch C) • DLC (Batch B) • Colour reactions of Albumin(Batch -C)
05-11-2019 **(Tuesday)**	Anatomy (Theory Class) Describe the process of Neurulation .Describe the development of somites & Intra – embryonic coelom	Biochemistry (Theory Class) Uronic acid and polyol pathway	**Physiology** (Explainthegradationofmuscular activity , Describemusculardystrophy:myopathies , Describemusculardystrophy:myopathies, PerformErgography)				• bone under the microscope; classify various types and describe the structure-function correlation of the same (Batch C) • DLC (Batch C) • Colour reactions of Albumin(Batch -A)
06-11-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Boundaries of thoracic inlet, cavity and outlet. Mention boundaries and contents of the superior, anterior, middleand posterior mediastinum	Community Medicine				• bone under the microscope; classify various types and describe the structure-function correlation of the same (Batch C) • DLC (Batch A) • Colour reactions of Albumin(Batch -B)
07-11-2019 **(Thursday)**	Biochemistry (Theory Class) Mechanism and significance of blood glucose regulation in health and disease	Anatomy (Describe the pleura the blood supply, lymphatic draining and nerve supply of pleura , Extent of pleura)	**Physiology** (Demonstrateeffectofmild,moderateandsevereexerciseand recordchangesincardio respiratoryparameters , DemonstrateHarvardSteptestanddescribetheimpactoninduced DemonstrateHarvardSteptestanddescribetheimpactoninduced physiologicparametersinasimulatedenvironment)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

08-11-2019 **(Friday)**	Anatomy (Theory Class) Describe the various types of muscle under the microscope Describe the structure-function correlation of the same.	**Physiology** (DemonstrateHarvardSteptestanddescribetheimpactoninduced physiologicparametersinasimulatedenvironment , DescribeStrength-durationcurve , ObservewithComputerassistedlearning(i)amphibiannerve-muscleexperiments(ii)amphibiancardiacexperiments)	Anatomy (Self-directed learning) Describe the salient features of Sternum .			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
09-11-2019 **(Saturday)**	Physiology (Clinical Exposure) Disorders of phagocyte function	Anatomy (Clinical Exposure) Clinical aspect of intercostal drainage. Clinical aspect of superior mediastinum syndrome.	Biochemistry (Clinical Exposure) Clinical aspects of Diabetes mellitus	AETCOM Module 1.3		Sports & Extra Curricular activities

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11-11-2019 **(Monday)**	Biochemistry (Self-directed learning) Chemistry and functions of haemoglobin	**Physiology** (Describe the functional anatomy of heart including chambers, Sounds;andPacemakertissueandconductingsystem.)	Anatomy (Theory Class) Describe the pericardium sinuses in pericardium, blood supply and nerve supply of pericardium	**Dissection**	**U N C H B R**	• Various types of muscle under the microscope .Describe the structure-function correlation of the same. (Batch A) • ESR & PCV & DLC Revision (Batch B) • Colour reactions of Gelatine (Batch -C)

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12-11-2019 **(Tuesday)**	Anatomy (Describe the Formation of functions & fate of – chorion: amonion yolk sac.)	Biochemistry (Theory Class) Major types and derivatives of Hb	**Physiology** (Describethepropertiesofcardiacmuscleincludingitsmorphology, electrical,mechanicalandmetabolicfunctions)			• Various types of muscle under the microscope .Describe the structure-function correlation of the same. (Batch B) • ESR & PCV & DLC Revision (Batch C) • Colour reactions of Gelatine (Batch-A)
13-11-2019 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the external features of heart and the internal features of each chamber of heart.	Community Medicine			• Various types of muscle under the microscope .Describe the structure-function correlation of the same. (Batch C) • ESR & PCV & DLC Revision (Batch A) • Colour reactions of Gelatine (Batch-B)
14-11-2019 (**Thursday)**	Biochemistry (Theory Class) Enumerate high energy compounds and enzymes in biological oxidation.	Anatomy (Theory Class) Describe the origin, course and branches of coronary arteries. Describe the formation, course, tributaries and termination of coronary sinus	**Physiology** (Discusstheeventsoccurringduringthecardiaccycle)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
15-11-2019 **(Friday)**	Anatomy (Theory Class) Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve	**Physiology** (Describegeneration,conductionofcardiacimpulse)	Anatomy (Self-directed learning) Describe the salient features of Typical ribs			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
16-11-2019 (**Saturday)**	Physiology (Clinical Exposure) SCUBA	Anatomy (Clinical Exposure) Clinical aspect of pericardium & developmental anomalies of heart.	Biochemistry (Clinical Exposure) Carbon monoxide poisoning as ETC inhibitors	AETCOM Module 1.3		Sports & Extra Curricular activities

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18-11-2019 **(Monday)**	Biochemistry (Self-directed learning) Components of ETC.	**Physiology** (Describe the physiology of electrocardiogram (E.C.G), itsapplicationsandthecardia caxis)	Anatomy (Theory Class) Mention the parts, position and arterial supply of the conducting system of Heart	**Dissection**		**L U N C H B R E A K**	• Identify multipolar & unipolar neuron, ganglia, peripheral nerve(Batch A) • BT & CT (Batch B) • Instruction on proteins(Batch –C)
19-11-2019 **(Tuesday)**	Anatomy (Allantois & deciduas, structures of umbilical cord. Describe various types of umbilical cord attachments)	Biochemistry (Theory Class) Mechanism of Oxidative phosphorylation and biological uncouplers	**Physiology** (DescribeabnormalECG,arrhythmias,heartblockandmyocardial Infarction)				• Identify multipolar & unipolar neuron, ganglia, peripheral nerve(Batch B) • BT & CT (Batch C) • Instruction on proteins(Batch-A)
20-11-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus &trachea.Describe the extent, relationstributaries of thoracic duct and enumerate its applied anatomy	Community Medicine				• Identify multipolar & unipolar neuron, ganglia, peripheral nerve(Batch C) • BT & CT (Batch A) • Instruction on proteins(Batch-B)
21-11-2019 **(Thursday)**	Biochemistry (Theory Class) role of shuttle pathways in biological oxidation	Anatomy (Theory Class) Describe origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	**Physiology** (Describeanddiscusshemodynamicofcirculatorysystem)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

22-11-2019 **(Friday)**	Anatomy (Theory Class) Describe the structure-function correlation of neuron Describe the ultrastructure of nervous tissue	**Physiology** (Describeanddiscusslocalandsystemiccardiovascularregulatory mechanisms)	Anatomy (Self-directed learning) Describe the salient features of atypical ribs			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
23-11-2019 **(Saturday)**	Physiology (Clinical Exposure) Auto Immune disease	Anatomy (Clinical Exposure) Clinical aspects of Elbow & wrist joint.	Biochemistry (Clinical Exposure) Diabetic ketoacidosis case discussion	AETCOM Module 1.3		Sports & Extra Curricular activities

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25-11-2019 **(Monday)**	Biochemistry (Self-directed learning) Definition and classification of lipids	**Physiology** (Describethe factorsaffectingheartrate,regulationofcardiacoutput &bloodpressure)	Anatomy (Theory Class) Mention the extent, branches and relations of arch of aorta & descending thoracic aorta.	**Dissection**	**UNCH BREAK**	• structure-function correlation of neuron Describe the ultra structure of nervous tissue (Batch A) • Blood Group(Batch B) • Identificationof protein (Albumin) (Batch -C)
26-11-2019 **(Tuesday)**	Anatomy (Describe the formation of placenta, its physiological functions, foetomaternal circulation & placental barrier.Describe role of placental hormones in uterine growth & parturition)	Biochemistry (Theory Class)Defination classification of fatty acids and importance of essential fatty acids	**Physiology** (Describe&discussregionalcirculationincludingmicrocirculation,lymphatic circulation,coronary, cerebral, capillary, skin, foetal, pulmonaryandsplanchniccirculation)			• structure-function correlation of neuron Describe the ultra structure of nervous tissue (Batch B) • Blood Group (Batch C) • Identification of protein (Albumin) (Batch -A)
27-11-2019 **Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the location and extent of thoracic sympathetic chain	Community Medicine			• structure-function correlation of neuron Describe the ultra structure of nervous tissue (Batch C) • Blood Group(Batch A) • Identification of protein (Albumin) (Batch -B)
28-11-2019 **(Thursday)**	Biochemistry (Theory Class) Triacyl glycerol, PUFA and properties of fatty acids.	Anatomy (Describe the splanchnic nerves.)	**Physiology** (Describethepatho-physiologyofshock,syncope)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
29-11-2019 **(Friday)**	Anatomy (Theory Class) Describe the exocrine gland under the microscope & distinguish between serous, mucous and mixed acini	**Physiology** (Describethepatho-physiologyof heartfailure)	Anatomy (Self-directed learning) Describe the salient features of Typical & atypical thoracic vertebrae.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes

30-11-2019 **(Saturday)**	Physiology (Clinical Exposure)	Anatomy (Clinical Exposure) Clinical aspect of coronary vascular disease & disease of oesophagus & trachea, anomalies of aorta.	Biochemistry (Clinical Exposure) Therapeutic uses of prostaglandins	Integrated teaching		Sports & Extra Curricular activities
I – INTERNAL (02-12-2019 TO 07-12-2019)						

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09-12-2019 **(Monday)**	Biochemistry (Self-directed learning) Digestion & absorption of lipids	Physiology (Recordbloodpressure&pulseatrestandindifferentgradesof exerciseandposturesinavolunteerorsimulatedenvironment)	Anatomy (Theory Class) Describe the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba,lineasemilunaris), regions Describe the Fascia, muscles, nerves & blood vessels of anterior abdominal wall Quadrants of abdomen, Abdominal incision.	Dissection		**L U N C H B R E A K**	• Exocrine gland under the microscope & distinguish between serous, mucous and mixed acini (Batch A) • Pulse & BP (Batch B) • Identification of protein (Casein) (Batch -C)
10-12-2019 **(Tuesday)**	Anatomy (Describe the Diagnosis of Pregnancy in first trimester & role of teratogens alpha, -fetoprotein. Prenatal Diagnosis. Process & disadvantages of amniocentesis. Process & Disadvantages of Chorion villus biops.)	Biochemistry (Theory Class) Beta oxidation, energetic & regulation	Physiology (Recordandinterpretnormal ECGinavolunteerorsimulated environment)				• Exocrine gland under the microscope & distinguish between serous, mucous and mixed acini (Batch B) • Pulse & BP (Batch C) • Identification of protein (Casein) (Batch -A)
11-12-2019 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the formation of rectus sheath and its contents	Community Medicine				• Exocrine gland under the microscope & distinguish between serous, mucous and mixed acini (Batch C) • Pulse & BP (Batch A) • Identification of protein (Casein) (Batch -B)
12-12-2019 **(Thursday)**	Biochemistry (Theory Class) alpha, omega oxidation and disorders	Anatomy (Theory Class) Describe the extent, boundaries, contents of Inguinal canal including Hesselbach's triangle inguinal hernia	Physiology (Observecardiovascularautonomicfunctiontestsinavolunteeror simulatedenvironment)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

13-12-2019 **(Friday)**	Anatomy (Theory Class) Describe the structure- function correlation of blood vessels. Identify elastic & muscular blood vessels, capillaries under the microscope	Physiology (Demonstratethecorrectclinicalexaminationofthecardiovascular systeminanormalvolunteerorsimulatedenvironment)	Anatomy (Self-directed learning) Describe the salient features of Lumbar vertebrae.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
14-12-2019 **(Saturday)**	Physiology (Clinical Exposure) Auto Immune Disease	Anatomy (Clinical Exposure) Clinical aspects of Inguinal hernia & different types of hernia A study of different abdominal incision	Biochemistry (Clinical Exposure) (Clinical Exposure) Enumerate ketone bodies and its metabolism	AETCOM Module 1.4		Sports & Extra Curricular activities

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16-12-2019 **(Monday)**	Biochemistry (Self-directed learning) Fatty acid synthase complex	Physiology (RecordArterialpulsetracing usingfingerplethysmographyina volunteerorsimulatedenvironment)	Anatomy (Theory Class) Describe Thoracolumbar fascia Describe the Lumbar plexus for its root value, formation & branches. Describe the back muscles, nervesupply and action	Dissection		**L U N C H B R E A K**	• Structure-function correlation of blood vessels. Identify elastic & muscular blood vessels, capillaries under the microscope(Batch A) • Revision of Pulse & BP (Batch B) • Identification of protein (Gelatin) (Batch -C)
17-12-2019 **(Tuesday)**	Anatomy (Describe the embryological basis of twinning inmonozygotic & dizygotic twins)	Biochemistry (Theory Class) Fatty acid synthesis	Physiology (Describethefunctionalanatomyofrespiratorytract)				• Structure-function correlation of blood vessels. Identify elastic & muscular blood vessels, capillaries under the microscope(Batch B) • Revision of Pulse & BP (Batch C) • Identification of protein (Gelatin) (Batch A)

18-12-2019 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy Describe the of Epididymis &pensis. Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage)	Community Medicine			• Structure-function correlation of blood vessels. Identify elastic & muscular blood vessels, capillaries under the microscope(Batch C) • Revision of Pulse & BP (Batch A) • Identification of protein (Gelatin) (Batch B)
19-12-2019 **(Thursday)**	Biochemistry (Theory Class) Cholesterol Synthesis & Regulation	Anatomy (Theory Class) Describe the peritoneum & its folds, cavity. Describe the ascites & peritonitis	Physiology (Describethemechanicsofnormal respiration,pressurechanges duringventilation,lungvolumeandcapacities,)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
20-12-2019 **(Friday)**	Anatomy (Theory Class) Describe the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen	Physiology (Describethemechanicsofalveolar surface tension,compliance, airwayresistance,ventilation, V/Pratio, diffusioncapacityoflungs)	Anatomy (Self-directed learning) Describe the salient features of Sacrum & coccyx			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
21-12-2019 **(Saturday)**	Physiology (Clinical Exposure) Tissue Transplant	Anatomy (Clinical Exposure) Clinical aspects of male external genitalia Clinical aspects of peritoneum	Biochemistry (Clinical Exposure) Cholesterol derivatives & Hyper cholesterolemia	AETCOM Module 1.4		Sports & Extra Curricular activities

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23-12-2019 **(Monday)**	Biochemistry (Self-directed learning) TAG synthesis, Phospholipid Synthesis	Physiology (Describe and discuss the transport of respiratory gases: Oxygen and Carbondioxide)	Anatomy (Theory Class) Describe the stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Dissection	**UNCH BREAK**	• Lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen (Batch A) • Effect of posture and exercise on BP (Batch B) • Identification of NPN Substances Instruction + Practicals (Batch-C)
24-12-2019 **(Tuesday)**	Anatomy (Describe spermatogenesis)	Biochemistry (Theory Class) Lipid Storage Disorders	Physiology (Describe and discuss the physiology of high altitude)			• Lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen (Batch B) • Effect of posture and exercise on BP (Batch C) • Identification of NPN Substances Instruction + Practicals (Batch A)
26-12-2019 **(Thursday)**	Biochemistry (Theory Class) Water and electrolyte balance	Anatomy (Theory Class) Describe the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric	Physiology (Describe and discuss the physiology of deep sea diving)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
27-12-2019 **(Friday)**	Anatomy (Theory Class) Describe the thymus, tonsil and correlate the structure with function	Physiology (Describe and discuss the principles of artificial respiration)	Anatomy (Self-directed learning) Describe the Pelvis sex differences			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
28-12-2019 **(Saturday)**	Physiology (Clinical Exposure) Di – George Syndrome	Anatomy (Clinical Exposure) Clinical aspects of stomach Clinical aspects of Anomalies of ventral branches of abdominal aorta	Biochemistry (Clinical Exposure) Lipotropic factors/ Fatty Liver/Atherosclerosis and Its Diagnostic tests	AETCOM Module 1.4		Sports & Extra Curricular activities

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30-12-2019 **(Monday)**	Biochemistry (Self-directed learning) Acid base and buffers	Physiology (Describeanddiscussthepri nciplesof oxygen therapy,acclimatizationand decompressionsickness.)	Anatomy (Theory Class) Describe the venous, drainage &enmarate the sites of PC anastomosis	Dissection		**L U N C H B R E A K**	• Thymus, tonsil and correlate the structure with function(Batch A) • Revision of Effect of posture and exercise on BP (Batch B) • Identification of Physiologically Important Substance (Batch -C)
31-12-2019 **(Tuesday)**	Anatomy (Describe the fetal circulation)	Biochemistry (Theory Class) Acid – base balance	Physiology (Describeanddiscussthepath ophysiologyofdyspnoea,hyp oxia, cyanosisasphyxia;drowning, periodicbreathing)				• Thymus, tonsil and correlate the structure with function(Batch B) • Revision of Effect of posture and exercise on BP (Batch C) • Identification of Physiologically Important Substance (Batch A)
01-01-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the spleen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	Community Medicine				• Thymus, tonsil and correlate the structure with function(Batch C) • Effect of posture and exercise on BP (Batch A) • Identification of Physiologically Important Substance (Batch B)
02-01-2020 **(Thursday)**	Biochemistry (Theory Class) Acid – base disorders	Anatomy (Theory Class) Describe the small intestine & large intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied	Physiology (Describeanddiscusslungfun ctiontests&theirclinicalsignif icance)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

		aspects)				
03-01-2020 **(Friday)**	Anatomy (Describe the skin and its appendages under the microscope and correlate the structure with function)	Physiology (Demonstratethecorrecttechniquetoperform&interpretSpirometry)	Anatomy (Self-directed learning) Describe the types ofpelvis.			• Formative Assessment &Feedback/Vertical &Horizontal Integration classes
04-01-2020 **(Saturday)**	Physiology (Clinical Exposure) AIDS	Anatomy (Clinical Exposure) Clinical aspects of portal hypertension Enumarate the sites of portacaval anastomosis Causes of splenomegaly & its clinical features	Biochemistry (Clinical Exposure) Heme synthesis	AETCOM Module 1.4		Sports & Extra Curricular activities

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06-01-2020 **(Monday)**	Biochemistry (Self-directed learning) Heme Catabolism	Physiology (Demonstratethecorrectclinical examinationoftherespiratory systeminanormalvolunteerorsimulatedenvironment)	Anatomy (Theory Class) Describe the Duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Dissection		**L U N C H B R E A K**	• Skin and its appendages under the microscope and correlate thestructure with function (Batch A) • Ergography (Batch B) • Identification of Physiologically Important Substance (Batch -C)
07-01-2020 **(Tuesday)**	Anatomy (Describe the development of Heart tube, right &left artery, interalies septum & its anomalies..)	Biochemistry (Theory Class) Liver function tests	Physiology (Demonstratethecorrecttechniquetoperformmeasurementofpeak expiratoryflowrateinanormalvolunteerorsimulatedenvironment)				• Skin and its appendages under the microscope and correlate thestructure with function (Batch B) • Ergography (Batch C) • Identification of Physiologically

						Important Substance (Batch A)
08-01-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Community Medicine			• Skin and its appendages under the microscope and correlate the structure with function (Batch C) • Ergography (Batch A) • Identification of Physiologically Important Substance (Batch B)
09-01-2020 **(Thursday)**	Biochemistry (Theory Class) Renal function tests	Anatomy (Theory Class) Describe the Liver &billary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Physiology (Describe the structure and &d functions of digestive system)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
10-01-2020 **(Friday)**	Anatomy (Umbilical cord & Placenta)	Physiology (Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion)	Anatomy (Self-directed learning) Describe the side anatomical position of Hipbone.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
11-01-2020 **(Saturday)**	Physiology (Clinical Exposure) Multiple Myloma	Anatomy (Clinical Exposure) Clinical aspects of small and large intestine lesions Clinical features of pancreatitis, hepatitis	Biochemistry (Clinical Exposure) Clinical Aspects of Jaundice	AETCOM Module 1.5		Sports & Extra Curricular activities

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13-01-2020 **(Monday)**	Biochemistry (Self-directed learning) Chemistry of Nucleosides and Nucleotides	Physiology (DescribeGITmovements,regulationandfunctions.Describe Defecationreflex.Explainroleofdietaryfibre.)	Anatomy (Theory Class) Describethe kidney, ureter under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Dissection		**L U N C H B R E A K**	• Umbilical cord & Placenta(Batch A) • Revision of Ergography (Batch B) • Identification of Physiologically Important Substance (Batch -C)
14-01-2020 **(Tuesday)**	Anatomy (Describe the development of right & left ventricle, interventicular septum & its anomalies..)	Biochemistry (Theory Class) Structure and Functions of DNA and RNA	Physiology (Describethephysiologyofdigestionandabsorptionofnutrients)				• Umbilical cord & Placenta(Batch B) • Revision of Ergography (Batch C) • Identification of Physiologically Important Substance (Batch A)
16-01-2020 **(Thursday)**	Biochemistry (Theory Class) Replication	Anatomy (Theory Class) Describe the suprarenal gland under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	Physiology (DescribethesourceofGIThormones,theirregulationandfunctions)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
17-01-2020 **(Friday)**	Anatomy (Describe the structure of Trachea & lung)	Physiology (DescribetheGut-BrainAxis)	Anatomy (Self-directed learning) Mention the important muscle attachment, its articulation, ossificationand applied Anatomy.				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
18-01-2020 **(Saturday)**	Physiology (Clinical Exposure)	Anatomy	Biochemistry (Clinical Exposure)				Sports & Extra Curricular activities

	Chronic Lymphatic leukaemia	(Clinical Exposure) Clinical aspects anomalies of kidney & nephritis Clinical aspects of pheochromocytoma, addison's disease&cuship syndrome	Replication	AETCOM Module 1.5		

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20-01-2020 **(Monday)**	Biochemistry (Self-directed learning) Transcription	Physiology (Describe&discussthestructureandfunctionsofliverandgall bladder.)	Anatomy (Theory Class) Describe the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia	Dissection		**L U N C H B R E A K**	• Describe the structure of Trachea & lung (Batch A) • Stethography(Batch B) • Instruction on Normal Constituents of Urine (Batch -C)
21-01-2020 **(Tuesday)**	Anatomy (Describe the pharyngeal arteries &its fate anomalies arteries)	Biochemistry (Theory Class) Genetic Code and Protein Biosynthesis	Physiology (Describe&discussgastricfunctiontests,pancreaticexocrine functiontests&liverfunctiontests)				• Describe the structure of Trachea & lung (Batch B) • Stethography(Batch C) • Instruction on Normal Constituents of Urine (Batch A)
22-01-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the lymphatic drainage of abdominal cavity	Community Medicine				• Describe the structure of Trachea & lung (Batch C) • Stethography(Batch A) • Instruction on Normal Constituents of Urine (Batch B)

23-01-2020 **(Thursday)**	Biochemistry (Theory Class) Protein Biosynthesis	Anatomy (Theory Class) Describe the pelvis inlet, outlet & cavity Describe & identify the muscles of Pelvic diaphragm	Physiology (Discussthephysiologyaspectsof:pepticulcer,gastro-oesophagealrefluxdisease vomiting,diarrhoea,constipation, A dynamicileus,Hirschsprung'sdisease)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
24-01-2020 **(Friday)**	Anatomy (Describe the structure of chromosomes with classification Describe technique of karyotyping with its applications Describe the Lyon's hypothesis Describe the various modes ofinheritance with examples Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance)	Physiology (Demonstratethecorrectclinicalexaminationoftheabdominina normalvolunteerorsimulatedenvironment)	Anatomy (Self-directed learning) Describe the side anatomical position of Femur. Mention the important muscle attachment, itsarticulation, ossification and applied Anatomy.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
25-01-2020 **(Saturday)**	Physiology (Clinical Exposure) Cardiac tampouade	Anatomy (Clinical Exposure) Clinical aspects of diaphragmatic hernias & its development anomlies, lymphadenitis &lympharatis	Biochemistry (Clinical Exposure) Regulationof Gene Expression in Prokaryotes	Integrated teaching		Sports & Extra Curricular activities

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27-01-2020 **(Monday)**	Biochemistry (Self-directed learning) Regulation of Gene Expression in Eukaryotes	Physiology (Describestructureandfunctionofkidney)	Anatomy (Theory Class) Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of ureter, urinary bladder, urethra.	Dissection	**UNCH BREAK**	• Structure of chromosomes with classification Describe technique of karyotyping with its applications (Batch A) • Revision of Stethography (Batch B) • Analysis Normal Constituents of Urine (Batch -C)
28-01-2020 **(Tuesday)**	Anatomy (Describe the development of venous channel & its anomalies)	Biochemistry (Theory Class) Recombinant DNA technology	Physiology (Describethestructureandfunctionsofjuxtaglomerularapparatus androleofrenin-angiotensinsystem)			• Structure of chromosomes with classification Describe technique of karyotyping with its applications (Batch B) • Revision of Stethography (Batch C) • Analysis Normal Constituents of Urine (Batch A)
29-01-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of ovary, uterine tube, uterus, vagina.	Community Medicine			• Structure of chromosomes with classification Describe technique of karyotyping with its applications (Batch C) • Revision of Stethography (Batch A) • Analysis Normal Constituents of Urine (Batch B)
30-01-2020 **(Thursday)**	Biochemistry (Theory Class) PCR, Blotting Technique and Cloning	Anatomy (Theory Class) Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Accessary male reproductive system.	Physiology (Describethe mechanismofurineformationinvolvingprocessesof filtration,tubularreabsorption &secretion;concentrationanddiluting mechanism)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

31-01-2020 **(Friday)**	Anatomy (Describe multifactorial inheritance with examples Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia)	Physiology (Describe&discussthesignificance&implicationofRenal clearance)	Anatomy (Self-directed learning) Describe the side anatomical position of Tibia. Mention the important muscle attachment, its articulation, ossification and applied Anatomy.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
01-02-2020 **(Saturday)**	Physiology (Clinical Exposure) Purkinje Effect	Anatomy (Clinical Exposure) Clinical aspects of Urinary bladder developmental anomalies of ureter urinary bladder & urethra developmental anomalies of uterine tube.	Biochemistry (Clinical Exposure) Gene therapy, DNA finger Printing	Integrated teaching		Sports & Extra Curricular activities

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03-02-2020 **(Monday)**	Biochemistry (Self-directed learning) Genomic Library and Monoclonal Antibodies	Physiology (Describetherenalregulation offluidandelectrolytes&acid-base balance)	Anatomy Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of rectum &analcanal.	Dissection		**L U N C H B R E A K**	• Multifactorial inheritance with examples Describe the genetic basis & clinical features of Achondroplasia (Batch A) • Spirogram (Batch B) • Instructions on Abnormal Constituents of Urine (Batch -C)
04-02-2020 **(Tuesday)**	Anatomy (Describe the derivatives of foregut & its anomalies.)	Biochemistry (Theory Class) Metabolism of Cancer	Physiology (Describetheinnervationsofurinarybladder,physiologyofmicturitionanditsabnormalities)				• Multifactorial inheritance with examples Describe the genetic basis & clinical features of Achondroplasia (Batch B) • • Spirogram (Batch C)

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10-02-2020 **(Monday)**	Biochemistry (Self-directed learning) Sources requirement, functions and deficiency manifestation of Vitamin E& K	Physiology (Describecustomaryanddiscussthenormalcystometrogram)	Anatomy (Theory Class) Describe the boundaries, content & applied anatomy of Ischiorectal fossa	Dissection	**U N C H B R E A K**	• Structure of Oesophagus, Stomach fundus, stomach pylorus (Batch A) • Revision of Spirogram (Batch B) • Analysis of Abnormal Constituents of Urine (Sugar + Acetone) (Batch -C)
11-02-2020 **(Tuesday)**	Anatomy (Describe the derivatives of midgut & its anomalies.)	Biochemistry (Theory Class) Sources requirement, functions and deficiency manifestation of Vitamin -C	Physiology (Describethesynthesis,secretion,transport,physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitarygland,)			• Structure of Oesophagus, Stomach fundus, stomach pylorus (Batch B) • Revision of Spirogram (Batch C) • Analysis of Abnormal Constituents of Urine (Sugar + Acetone) (Batch A)
12-02-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis	Community Medicine			• Structure of Oesophagus, Stomach fundus, stomach pylorus (Batch C) • Revision of Spirogram (Batch A) • Analysis of Abnormal Constituents of Urine (Sugar + Acetone) (Batch B)
13-02-2020 **(Thursday)**	Biochemistry (Theory Class) Mechanism of Hormone action	Anatomy (Theory Class) Describe the development of Lower limb Describe the major muscles with their attachment, nerve supply and actions of anterior thigh. Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh	Physiology (Describethesynthesis,secretion,transport,physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroidgland.)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
14-02-2020 **(Friday)**	Anatomy (Describe the structure of Liver, Gall bladder, pancreas)	Physiology (Describethesynthesis,secretion,transport,physiologicala	Anatomy (Self-directed learning) Describe the salient features of skeleton of foot			• Formative Assessment & Feedback/Vertical & Horizontal

		ctions, regulation and effect of altered (hypo and hyper) secretion of parathyroid gland)				Integration classes
15-02-2020 **(Saturday)**	Physiology (Clinical Exposure) Einthoven's Triangle	Anatomy (Clinical Exposure) Clinical aspects of Ischia rectal fossa vertebral anomalies.	Biochemistry (Clinical Exposure) Clinical Aspect of Renal failure	Integrated teaching		Sports & Extra Curricular activities

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17-02-2020 **(Monday)**	Biochemistry (Self-directed learning) Case History analysis of lesch-nyhan syndrome	Physiology (Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland)	Anatomy (Theory Class) Describe the boundaries, floor, roof and contents of femoral triangle Explain anatomical basis of Psoas abscess & Femoral hernia	Dissection		**L U N C H B R E A K**	• Structure of Liver, Gall bladder, pancreas (Batch A) • General physical examination (Batch B) • Analysis of Abnormal Constituents of Urine (Blood + Protein) (Batch-C)
18-02-2020 **(Tuesday)**	Anatomy (Describe the hindgut & its anomalies.)	Biochemistry (Theory Class) Hybridoma Technology and DNA sequencing	Physiology (Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pancreas.)				• Structure of Liver, Gall bladder, pancreas (Batch B) • General physical examination (Batch C) • Analysis of Abnormal Constituents of Urine (Blood + Protein) (Batch A)
19-02-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the adductor canal with its content and adductor compartment.	Community Medicine				• Structure of Liver, Gall bladder, pancreas (Batch C) • General physical examination (Batch A) • Analysis of Abnormal Constituents of Urine (Blood + Protein) (Batch B)

20-02-2020 **(Thursday)**	Biochemistry (Theory Class) Discussion on Porphyrrias	Anatomy (Theory Class) Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels , muscles , gluteal region. Describe the site of intramuscular injections. Describe the anatomical basis of Trendeleuburg sign.	Physiology (Describethesynthesis,secretion,transport,physiological actions, regulation and effect of altered (hypo and hyper) secretion ofhypothalamus.)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
22-02-2020 **(Saturday)**	Physiology (Clinical Exposure) Mobitz Type I	Anatomy (Clinical Exposure) Clinical aspects of Femoral Triangle ; Femoral Hernia & psoas abscess	Biochemistry (Clinical Exposure) Clinical Aspects of Scurvy and rickets	Integrated teaching		Sports & Extra Curricular activities

DATE/DAY	**8 – 9**	**9 – 10**	**10 – 11**	**11 – 12**	**12 – 1**		**2 - 5**
24-02-2020 (Monday)	Biochemistry (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Group discussion, Self study etc)	Physiology (Describethephysiologyof Thymus.)	Anatomy (Theory Class) Describethe hamstring group ofmuscles with their attachment, nerve supply and actions Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back ofthigh.	Dissection		**L U N C H B R E A K**	• Structure of Liver, Gall bladder, pancreas (Batch A) • Revision of General physical examination (Batch B) • Analysis of Abnormal Constituents of Urine (Bile Pigments + Bile Salts) (Batch -C)
25-02-2020 **(Tuesday)**	Anatomy (Describe the development of kidney)	Biochemistry (Theory Class) Seminar on Vitamin A & D	Physiology (Describethephysiologyof PinealGland.)				• Structure of Liver, Gall bladder, pancreas (Batch B) • Revision of General physical examination (Batch C) • Analysis of Abnormal Constituents of Urine (Bile Pigments + Bile Salts)

						(Batch A)
26-02-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	Community Medicine			• Structure of Liver, Gall bladder, pancreas (Batch C) • Revision of General physical examination (Batch A) • Analysis of Abnormal Constituents of Urine (Bile Pigments + Bile Salts) (Batch B)
27-02-2020 **(Thursday)**	Biochemistry (Theory Class) Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.	Anatomy (Theory Class) Describe the major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions. Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg. Describe the Venous drainage, Lymphatic drainage of lower limb. Describe the dorsum of foot.	Physiology (Describe functiontests: Thyroidgland,)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
28-02-2020 **(Friday)**	Anatomy (Describe the structure of Kidney, ureter, urinary bladder)	Physiology (Describe functiontests: ;Adrenal cortex , Adrenal medulla)	Anatomy (Self-directed learning) Describe the Anatomical features & position of skull, Introduction to individual bones			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
29-02-2020 **(Saturday)**	Physiology (Clinical Exposure) Wolff – Parkinson white Syndrome	Anatomy (Clinical Exposure) Clinical aspects of sites of	Biochemistry (Clinical Exposure) Clinical Aspect of Gout and Lesch – Nyhan Syndrome	Integrated teaching		Sports & Extra Curricular activities

		Intermuscular injections Trendelenberg sign & test.				

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02-03-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion, Self study on Vitamin E&K	Physiology (Describefunctiontests:pancreas)	Anatomy (Theory Class) Describe the major muscles of back ofleg with their attachment, nerve supply and actions Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg. Describe the dorsum of foot	Dissection		**L U N C H B R E A K**	• Structure of Kidney, ureter, urinary bladder (Batch A) • Sensory System Examination (Batch B) • Instructions on Colorimeter (Batch-C)
03-03-2020 **(Tuesday)**	Anatomy (Describe the development of ureter and its anomalies.)	Biochemistry (Theory Class) Describe & discuss the composition ofCSF	Physiology (Describethemetabolicandendocrineconsequencesofobesity& metabolicsyndrome,)				• Structure of Kidney, ureter, urinary bladder (Batch B) • Sensory System Examination (Batch C) • Instructions on Colorimeter (Batch A)
04-03-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describethe structures in I,II, &III Layer of sole of foot	Community Medicine				• Structure of Kidney, ureter, urinary bladder (Batch C) • Sensory System Examination (Batch A) • Instructions on Colorimeter (Batch B)
05-03-2020 **(Thursday)**	Biochemistry (Theory Class) Calculate albumin: globulin (AG) ratio and creatinine clearance	Anatomy (Theory Class) Describethe structure in IV, V &VI Layer sole of foot.	Physiology (Stressresponse.Outlinethepsychiatry componentpertainingtometabolicsyndrome.)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

06-03-2020 **(Friday)**	Anatomy (Describe the structure of Ovary, uterine tube, uterus)	Physiology (Describe&differentiatethe mechanismofactionofsteroid ,protein andaminehormones)	Anatomy (Self-directedlearning) Describe the norma verticalis			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
07-03-2020 **(Saturday)**	Physiology (Clinical Exposure) Frank Starling law	Anatomy (Clinical Exposure) Clinical aspects of back of leg, Pulsuar fasciitis; Anomalies of arches of foot.	Biochemistry (Clinical Exposure) Case Discussion on Diabetic Nephropathy	Integrated teaching		Sports & Extra Curricular activities

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09-03-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion acid base disorder	Physiology (Describeanddiscusssexdete rmination;sexdifferentiation andtheirabnormitiesandoutl inepsychiatryandpracticalim plicationof sexdetermination.)	Anatomy (Theory Class) Describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint	Dissection		**L U N C H B R E A K**	• Structure of Ovary, uterine tube, uterus (Batch A) • Revision of Sensory System Examination (Batch B) • Estimation of Blood Glucose – Instruction + Practicals (Batch -C)
10-03-2020 **(Tuesday)**	Anatomy (Theory Class) Development of Male reproductive system & its anomalies	Biochemistry (Theory Class) Describe and discuss the metabolic processes in which nucleotides are involved	Physiology (Describe anddiscusspuberty:onset,pr ogression,stages;earlyanddel ayed pubertyandoutlineadolescen tclinicalandpsychological association.)				• Structure of Ovary, uterine tube, uterus (Batch B) • Revision of Sensory System Examination (Batch C) • Estimation of Blood Glucose – Instruction+ Practicals (Batch A)

11-03-2020 **(Wednesday)**	Physiology (Self-directed learning) (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Describe knee joint injuries with its applied anatomy	Community Medicine			• Structure of Ovary, uterine tube, uterus (Batch C) Revision of Sensory System Examination • (Batch A) • Estimation of Blood Glucose – Instruction + Practicals (Batch B)
12-03-2020 **(Thursday)**	Biochemistry (Theory Class) Explain the regulation of lipoprotein metabolism & associated disorders	Anatomy (Theory Class) Describe the ankle joint Describe the arches of the foot with its clinical importance.	Physiology (Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
13-03-2020 **(Friday)**	Anatomy (Describe the structure of Testis, epidydamis, vas defences, prostate gand)	Physiology (Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle-hormonal, uterine and ovarian changes)	Anatomy (Self-directed learning) Describe the Norma frontalis & orbit.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
14-03-2020 **(Saturday)**	Physiology (Clinical Exposure) Laplace Law	Anatomy (Clinical Exposure) Clinical aspects of Hip joint ; Knee it; amble it.	Biochemistry (Clinical Exposure) Clinical aspect of coronary artery disease (CAD)	Integrated teaching		Sports & Extra Curricular activities
II – INTERNAL (16-03-2020 TO 21-03-2020)						

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23-03-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss the physiological effects of sex hormones)	Anatomy (Describe the layers of scalp, its blood supply, its nerve supply and surgical importance Describe emissary veins with its role in spread of infection from extra cranial route to intracranial venous sinuses)	Dissection		**L U N C H B R E A K**	• Structure of Testis, epidydamis, vasdefences, prostate gland (Batch A) • Cardio vascular System Examination (Batch B) • Estimation of Blood Glucose(Batch C)
24-03-2020 **(Tuesday)**	Anatomy (Development of Female reproductive system)	Biochemistry (Theory Class) Chemical messengers and hormone action	**Physiology** (Enumerate the contraceptive methods for male and female. Discuss Their advantages & disadvantages.)				• Structure of Testis, epidydamis, vasdefences, prostate gland (Batch B) • Cardio vascular System Examination (Batch C) • Estimation of Blood Glucose(Batch A)
26-03-2020 **(Thursday)**	Biochemistry (Theory Class)Function, tests and abnormalities of Thyroid and adrenal gland.	Anatomy (Describe the muscles of facial expression and their nerve supply Describe sensory innervations of face Describe the origin /formation, course, branches /tributaries of facial vessels Describe the branches of facial nerve with distribution , Lacrimal apparatus Describe lymphatic drainage of head, face)	**Physiology** (Describe and discuss the effects of removal of gonads on physiological functions)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

27-03-2020 **(Friday)**	Anatomy (Describe the structure of Lip, Tongue fungi form,.)	**Physiology** (Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.)	Anatomy (Self-directed learning) Describe the Pelvis sex differences. Types of pelvis.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
28-03-2020 **(Saturday)**	Anatomy (Early Clinical Exposure on Supracondylar fracture of humerus; Colle's fracture.)			Integrated teaching		Sports & Extra Curricular activities

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30-03-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results)	Anatomy (Describe the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance, Frey's syndrome.)	Dissection	**UNCH BREAK**	• Structure of Lip, Tongue fungi form(Batch A) • Revision of Cardio vascular System Examination (Batch B) • Spotters - I & Preparation of Haemin Crystals (Batch C)
31-03-2020 **(Tuesday)**	Anatomy (Development of Bronchial apparatus and its anomalies)	Biochemistry (Theory Class) Free Radicals and antioxidants	**Physiology** (Discuss the physiological basis of various pregnancy tests)			• Structure of Lip, Tongue fungi form(Batch B) • Revision of Cardio vascular System Examination (Batch C) • Spotters - I & Preparation of Haemin Crystals (Batch A)
01-04-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Describe the attachments, nerve supply, relations and actions of sternocleidomastoid . Side of neck – deep cervical fascia, posterior triangle)	Community Medicine			• Structure of Lip, Tongue fungi form(Batch C) • Cardio vascular System Examination (Batch A) • Spotters - I & Preparation of Haemin Crystals (Batch B)
02-04-2020 **(Thursday)**	Biochemistry (Theory Class) **Amino acid- General**	Anatomy (Describe the attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenusmedius& 4) levator scapulae)	**Physiology** (Discuss the hormonal changes and their effects during perimenopause and menopause)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
03-04-2020 **(Friday)**	Anatomy (Filiform & circumvallate papillae)	**Physiology** (Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility.)	Anatomy (Self-directed learning) Describe the Pelvis sex differences. Types of pelvis.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes

04-04-2020 **(Saturday)**	**Physiology** (Anaemia)	Integrated teaching		Sports & Extra Curricular activities

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06-04-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss the organization of nervous system)	Anatomy (Describe the dural folds & duralvenous sinuses)	Dissection			• Filiform & circumvallate papillae(Batch A) • Respiratory system Examination (Batch B) • GTT (Batch C)

07-04-2020 **(Tuesday)**	Anatomy (Ectodermic derivatives)	Biochemistry (Theory Class) **Amino acid-General**	**Physiology** (Describe and discuss the functions and properties of synapse,)		**A K**	• Filiform & circumvallate papillae(Batch B) • Respiratory system Examination (Batch C) • GTT (Batch A)
08-04-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Theory Class) Describe the extra ocular muscles of eyeball Describe the nerves and vessels in the orbit)	Community Medicine			• Filiform & circumvallate papillae(Batch C) • Respiratory system Examination (Batch A) • GTT (Batch B)
9-04-2020 **(Thursday)**	Biochemistry (Theory Class) **NH3 Metabolism / Urea cycle**	Anatomy (Describe the Anatomical basis of oculomotor; trochlerlear & abducent nerve palsies along with strabismus)	**Physiology** (Describe and discuss the functions and properties of reflex)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
10-04-2020 **(Friday)**	Anatomy (Describe the structure of Pituitary gland, suprarenal gland)	**Physiology** (Describe and discuss the functions and properties of receptors)	Anatomy (Self-directed learning) Describe the cranial cavity, its subdivision, foramina & structures passing through it.Describe the anterior & middle cranial fossa			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
11-04-2020 **(Saturday)**	Biochemistry (Early Clinical Exposure on Myocardial Infarction)			Integrated teaching		Sports & Extra Curricular activities

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13-04-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss somatic sensations & sensory tracts)	Anatomy (Describe boundaries and subdivisions of anterior triangle Describe the boundaries and contents of muscular, carotid, digastric and submental triangles)	Dissection		**L U N C H B R E A K**	• Structure of Pituitary gland, suprarenal gland(Batch A) • Revision of Respiratory system Examination (Batch B) • Estimation of Blood Urea Instruction + Practicals (Batch C)
14-04-2020 **(Tuesday)**	Anatomy (Mesodermal & endodermal derivaties)	Biochemistry (Theory Class) **Urea cycle**	**Physiology** (Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture)				• Structure of Pituitary gland, suprarenal gland(Batch B) • Revision of Respiratory system Examination (Batch C) • Estimation of Blood Urea Instruction + Practicals (Batch A)

15-04-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Describe the extent, boundaries and contents of temporal and infratemporal fossae)	Community Medicine			• Structure of Pituitary gland, suprarenal gland(Batch C) • Revision of Respiratory system Examination (Batch A) • Estimation of Blood Urea Instruction + Practicals (Batch B)
16-04-2020 **(Thursday)**	Biochemistry (Theory Class) **Glycine Metabolism**	Anatomy (Describe the attachments, direction of fibres, nerve supply and actions of muscles of mastication.	**Physiology** (Describe and discuss motor tracts mechanism of equilibrium & vestibular apparatus)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
17-04-2020 **(Friday)**	Anatomy (Describe the structure of thyroid gland, parathyroid gland)	**Physiology** (Describe and discuss structure and functions of reticular activating system,)	Anatomy (Self-directed learning) Describe the posterior cranial fossa			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
18-04-2020 **(Saturday)**	Anatomy (Early Clinical Exposure on Appendicitis; Gall stones)			Integrated teaching		Sports & Extra Curricular activities

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20-04-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss structure and functions of autonomic nervous system (ANS))	Anatomy Describe the clinical significance of pterygoid venous plexus)	Dissection		**L U N C H B R E A K**	• Structure of thyroid gland, parathyroid gland (Batch A) • Motor System Examination (Batch B) • Estimation of Blood Urea (Batch C)
21-04-2020 **(Tuesday)**	Anatomy (Development of Tongue, thyroid gland & pharynx)	Biochemistry (Theory Class) **Phenyl Alanine and Tyrosine metabolism**	**Physiology** (Describe and discuss Spinal cord, its functions, lesion & sensory disturbances)				• Structure of thyroid gland, parathyroid gland (Batch B) • Motor System Examination (Batch C) • Estimation of Blood Urea (Batch A)
22-04-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy Describe the articulating surface, type & movements of temporomandibular joint	Community Medicine				• Structure of thyroid gland, parathyroid gland (Batch C) • Motor System Examination (Batch A) • Estimation of Blood Urea (Batch B)

23-04-2020 **(Thursday)**	Biochemistry (Theory Class) **Phenyl Alanine and Tyrosine metabolism**	Anatomy Describe the features of dislocation of temporomandibular joint)	**Physiology** (Describe and discuss functions of cerebral cortex,)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
24-04-2020 **(Friday)**	Anatomy (Describe the structure of Cornea & retina)	**Physiology** (Describe and discuss functions of basal ganglia)	Anatomy (Self-directed learning) Describe the Typical & atypical cervical vertebral			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
25-04-2020 **(Saturday)**	Physiology (Early Clinical Exposure on Parkinson's Disease)			Integrated teaching		Sports & Extra Curricular activities

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27-04-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss functions of thalamus)	Anatomy (Describe the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion)	Dissection		**L U N C H B R E A K**	• Structure of Cornea & retina(Batch A) • Revision of Motor System Examination (Batch B) • Case reports – I (Batch C)
28-04-2020 **(Tuesday)**	Anatomy (Development of Face)	Biochemistry (Theory Class) **Tryptophan metabolism**	**Physiology** (Describe and discuss functions of , hypothalamus)				• Structure of Cornea & retina(Batch B) • Revision of Motor System Examination (Batch C) • Case reports – I (Batch A)
29-04-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Describe the Location, parts , borders ,surfaces, relations & blood supply of Thyroid gland.)	Community Medicine				• Structure of Cornea & retina(Batch C) • Revision of Motor System Examination (Batch A) • Case reports – I (Batch B)
30-04-2020 **(Thursday)**	Biochemistry (Theory Class) **Histidine & one carbon metabolism**	Anatomy Describe the origin, course & branches of subclavian artery.	**Physiology** (Describe and discuss functions of cerebellum)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
02-05-2020 **(Saturday)**	Biochemistry (Early Clinical Exposure on Jaundice)			Integrated teaching			Sports & Extra Curricular activities

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04-05-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss functions of limbic system and their abnormalities)	Anatomy relations, tributaries and termination of internal jugular & brachiocephalic veins.)	Dissection		**L U N C H B R E A K**	• Structure of Cornea & retina(Batch A) • Reflexes (Batch B) • Estimation of Urine creatinine Instruction & Practical(Batch C)
05-05-2020 **(Tuesday)**	Anatomy (Development of palate and its anomalies)	Biochemistry (Theory Class)Metabolism of **Sulphur containing amino acids**	**Physiology** (Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production)				• Structure of Cornea & retina(Batch B) • Reflexes (Batch C) • Estimation of Urine creatinine Instruction & Practical(Batch A)
06-05-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy Describe the extent, drainage & applied anatomy of cervical lymph nodes. Describe the extent, formation, relation & branches of cervical sympathetic chain)	Community Medicine				• Structure of Cornea & retina(Batch C) • Reflexes (Batch A) • Estimation of Urine creatinine Instruction & Practical(Batch B)
07-05-2020 **(Thursday)**	Biochemistry (Theory Class) **Sulphur containing amino acids and Arginine**	Anatomy (Describe the features of nasal septum, lateral wall of nose, their blood supply and nerve supply)	**Physiology** (Describe and discuss the physiological basis of memory,)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
08-05-2020 **(Friday)**	Anatomy (Describe the structure of Spinal cord, cerebrum & cerebellum)	**Physiology** (Describe and discuss the physiological basis of learning)	Anatomy (Self-directed learning) Describe the atypical cervical vertebral				• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
09-05-2020 **(Saturday)**	Anatomy (Early Clinical Exposure on Haemorrhoids; Fissure in Ano; Fistula in Ano)			Integrated teaching			Sports & Extra Curricular activities

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11-05-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss the physiological basis of speech)	Anatomy (Describe the course and branches of IX & X nerve in the neck)	Dissection			• Structure of Spinal cord, cerebrum & cerebellum (Batch A) • Revision of Reflexes (Batch B) • Estimation of Urine creatinine (Batch C)

12-05-2020 **(Tuesday)**	Anatomy (Development of neural tube its subdivision & its anomalies)	Biochemistry (Theory Class)Metabolism of **Branched chain amino acids, glutamate and aspartate**	**Physiology** (Describe and discuss chemical transmission in the nervous system. Outline the psychiatry element)		**E A K**	• Structure of Spinal cord, cerebrum & cerebellum(Batch B) • Revision of Reflexes (Batch C) • Estimation of Urine creatinine(Batch A)
13-05-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Describe the course and branches of XI & XII nerve in the neck)	Community Medicine			• Structure of Spinal cord, cerebrum & cerebellum(Batch C) • Revision of Reflexes (Batch A) • Estimation of Urine creatinine(Batch B)
14-05-2020 **(Thursday)**	Biochemistry (Theory Class) **Synthesis of Purine**	Anatomy (Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate	**Physiology** (Demonstrate the correct clinical examination of the nervous system: Higher functions)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
15-05-2020 **(Friday)**	Anatomy (Study of genetics charts)	**Physiology** (Demonstrate the correct clinical examination of the nervous system: sensory system)	Anatomy (Self-directed learning) Describe the morphological features of Mandible & hyoid bone.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
16-05-2020 **(Saturday)**	**Physiology** (Early Clinical Exposure Refractive errors)			Integrated teaching		Sports & Extra Curricular activities

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18-05-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Demonstrate the correct clinical examination of the nervous system: motor system)	Anatomy Describe the components and functions of Waldeyer's lymphatic ring Describe the boundaries and clinical significance of pyriform fossa)	Dissection		**L U N C H B R E A K**	• Study of genetics charts(Batch A) • Last six Cranial nerve examination (Batch B) • Case Reports II (Batch C)
19-05-2020 **(Tuesday)**	Anatomy (Development of spinal cord & brain stem. Derivatives of neural crest cell)	Biochemistry (Theory Class) **Purine Synthesis and degradation**	**Physiology** (Demonstrate the correct clinical examination of the nervous system: reflexes)				• Study of genetics charts(Batch B) • Last six Cranial nerve examination (Batch C) • Case Reports II (Batch A)

20-05-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Describe the nasal septum, lateral wall of nose, their blood supply & nerve supply)	Community Medicine			• Study of genetics charts(Batch C) • Last six Cranial nerve examination (Batch A) • Case Reports II (Batch B)
21-05-2020 **(Thursday)**	Biochemistry (Theory Class) **Metabolism of Pyrimidine**	Anatomy (Describe location and functional anatomy of paranasal sinuses)	**Physiology** (Demonstrate the correct clinical examination of the nervous system: cranial nerves in a normal volunteer or simulated environment.)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
22-05-2020 **(Friday)**	Anatomy ()	**Physiology** (Identify normal EEG forms)	Anatomy (Self-directed learning) Describe the morphological features Fetal skull.			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
23-05-2020 **(Saturday)**	Biochemistry (Early Clinical Exposure on Renal failure)			Integrated teaching		Sports & Extra Curricular activities

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26-05-2020 **(Tuesday)**	Anatomy (Development of forebrain, midbrain & its anomalies)	Biochemistry (Theory Class) **Sources functions deficiency manifestations of Thiamine**	**Physiology** (Describe and discuss perception of smell)	**Dissection**		**L U N C H B R E A K**	• Revision of General slides(Batch B) • Revision of Last six Cranial nerve examination (Batch C) • Spotters II(Batch A)
27-05-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx)	Community Medicine				• Revision of General slides (Batch C) • Revision of Last six Cranial nerve examination (Batch A) • Spotters II(Batch B)
28-05-2020 **(Thursday)**	Biochemistry (Theory Class) **Sources functions deficiency manifestations of Riboflavin and Niacin**	Anatomy (Describe the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue' Explain the anatomical basis	**Physiology** (Describe and discuss patho- physiology of altered smell)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

		of hypoglossal nerve palsy)				
29-05-2020 **(Friday)**	Anatomy (Histological features of general slides - Revision)	**Physiology** (Describe and discuss patho-physiology of taste Sensation.)	Anatomy (Self-directed learning) Revision of Upper Limb bones			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
30-05-2020 **(Saturday)**	Anatomy (Early Clinical Exposure on Fracture neck of fewer; knee joint ligament tears.)			Integrated teaching		Sports & Extra Curricular activities

DATE/DAY	**8 – 9**	**9 – 10**	**10 – 11**	**11 – 12**	**12 – 1**		**2 - 5**
01-06-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing)	Anatomy (Describe the parts, blood supply and nerve supply of external Ear.Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube)	Dissection		**L U N C H B R E A K**	• Revision of General slides (Batch A) • Perimeter (Batch B) • Electrophoresis - Demo(Batch C)
02-06-2020 **(Tuesday)**	Anatomy (Describe the stages and consequences of fertilisation. Disorders of development.)	Biochemistry (Theory Class) **Sources functions deficiency manifestations of Pyridoxine & pantothenic acid**	**Physiology** (Describe and discuss pathophysiology of deafness. Describe hearing tests)				• Revision of General slides (Batch B) • Perimeter (Batch C) • Electrophoresis - Demo(Batch A)

03-06-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy Describe the features of internal ear, 8th cranial nerve	Community Medicine			• Revision of General slides (Batch C) • Perimeter (Batch A) • Electrophoresis - Demo(Batch B)
04-06-2020 **(Thursday)**	Biochemistry (Theory Class) **Sources functions deficiency manifestations of Biotin & Folic Acid**	Anatomy (Describe the parts and layers of eyeball.)	**Physiology** (Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
05-06-2020 **(Friday)**	Anatomy (Histological features of general slides - Revision)	**Physiology** (Describe and discuss the physiological basis of lesion in visual pathway)	Anatomy (Self-directed learning) Revision of Thorax bones			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
06-06-2020 **(Saturday)**	**Physiology** (Early Clinical Exposure on Hyperthyroidism/Hypothyroidism)			Integrated teaching		Sports & Extra Curricular activities

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08-06-2020 **(Monday)**	Biochemistry (Self-directed learning) Problem based learning, understanding clinical charts, case history analysis, Group discussion,	**Physiology** (Describe and discuss auditory & visual evoke potentials)	Anatomy (Describe the contents of the vertebral canal.)	Dissection	**U N C H B R E A K**	• Revision of Systemic slides (Batch A) • Revision of Perimeter (Batch B) • Estimation of total proteins and Albumin A/G ratio Instruction (Batch C)
09-06-2020 **(Tuesday)**	Anatomy (Describe the process of implantation & common abnormal sites of Implantation.)	Biochemistry (Theory Class) **Sources functions deficiency manifestations of Vitamin B12**	**Physiology** (Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment)			• Revision of Systemic slides (Batch B) • Revision of Perimeter (Batch C) • Estimation of total proteins and Albumin A/G ratio Instruction (Batch A)
10-06-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Describe the boundaries and contents of suboccipital triangle.)	Community Medicine			• Revision of Systemic slides s(Batch C) • Revision of Perimeter (Batch A) • Estimation of total proteins and Albumin A/G ratio Instruction (Batch B)
11-06-2020 **(Thursday)**	Biochemistry (Theory Class) Integration of metabolism	Anatomy Describe the movements with muscles producing the movements of atlantooccipital joint &atlantoaxial joint)	**Physiology** (Describe and discuss mechanism of temperature regulation Describe and discuss adaptation to altered temperature (heat and cold))			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
12-06-2020 **(Friday)**	Anatomy (Histological features of General slides - Revision)	**Physiology** (Describe and discuss mechanism of fever, cold injuries and heat stroke)	Anatomy (Self-directed learning) Revision of Abdomen bones			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
13-06-2020 **(Saturday)**	Biochemistry (Early Clinical Exposure on Diabetes Mellitus)			Integrated teaching		Sports & Extra Curricular activities

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15-06-2020 **(Monday)**	Biochemistry (Self-directed learning) Biomedical waste management	**Physiology** (Describe and discuss cardio-respiratory and metabolic adjustments during exercise)	Anatomy Describe the various layers of meninges with its extent & Modifications .Describe the circulation of CSF with its applied anatomy Describe the external features blood supply of spinal cord)	Dissection		**L U N C H B R E A K**	• Revision of Systemic slides (Batch A) • First six Cranial nerve examination (Batch B) • Estimation of total proteins and Albumin A/G ratio Practicals (Batch C)
16-06-2020 **(Tuesday)**	Anatomy (Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate.)	Biochemistry (Theory Class) Calcium & Phosphorus metabolism	**Physiology** (Describe and discuss physiological consequences of sedentary lifestyle)				• Revision of Systemic slides (Batch B) • First six Cranial nerve examination (Batch C) • Estimation of total proteins and Albumin A/G ratio Practicals (Batch A)
17-06-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Draw & label transverse section of spinal cord at mid-cervical & mid thoracic Level Enumerate ascending & descending tracts at mid thoracic level of spinal cord Describe the internal features of spinal cord & applied Anatomy.)	Community Medicine				• Revision of Systemic slides (Batch C) • First six Cranial nerve examination (Batch A) • Estimation of total proteins and Albumin A/G ratio Practicals (Batch B)
18-06-2020 **(Thursday)**	Biochemistry (Theory Class) Iron metabolism	Anatomy Describe the medulla oblongata Describe the internal features of medulla oblongata .Describe the	**Physiology** (Describe physiology of Infancy)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each

		medial & lateral medullary syndrome.				Department
19-06-2020 **(Friday)**	Anatomy (Histological features of Systemic slides - Revision)	**Physiology** (Describe and discuss physiology of aging; free radicals and antioxidants)	Anatomy (Self-directed learning) (Revision of Pelvis bone)			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
20-06-2020 **(Saturday)**	Anatomy (Early Clinical Exposure on Parotid gland swellings; Thyroid gland swellings)			Integrated teaching		Sports & Extra Curricular activities
III – INTERNAL (22-06-2020 TO 27-06-2020)						

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29-06-2020 **(Monday)**	Biochemistry (Self-directed learning) Reference Interval & Quality Control	**Physiology** (Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold))	Anatomy Identify external features of pons Draw & label transverse section of pons at the upper and lower level Enumerate cranial nerve nuclei in pons with their functional group	Dissection			• Revision of General slides (Batch A) • Revision of First six Cranial nerve examination (Batch B) • Case reports – II(Batch C)

30-06-2020 **(Tuesday)**	Anatomy (Describe the development of Heart tube, right & left artery, inter atrial septum & its anomalies.)	Biochemistry (Theory Class) Copper, Zinc, Fluoride Iodine, Manganese	**Physiology** (Interpret growth charts)			• Revision of General slides (Batch B) • Revision of First six Cranial nerve examination (Batch C) • Case reports – II(Batch A)
01-07-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy (Describe external& internal features of cerebellum, Blood supply of cerebellar Hemisphere) (	Community Medicine			• Revision of General slides (Batch C) • Revision of First six Cranial nerve examination (Batch A) • Case reports – II(Batch B)
02-07-2020 **(Thursday)**	Biochemistry (Theory Class) Selenium, Magnesium, Cobalt Molybdenum	Anatomy (Describe the external & internal features of midbrain. Describe the Bendikt's and, Weber's syndrome.)	**Physiology** (Interpret anthropometric assessment of infants)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
03-07-2020 **(Friday)**	Anatomy (Histological features of Systemic slides - Revision)	**Physiology** (Discuss the concept, criteria for diagnosis of Brain death)	Anatomy (Self-directed learning) (revision of Lower limb)			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
04-07-2020 **(Saturday)**	Physiology (Early Clinical Exposure on COPD)			Integrated teaching		Sports & Extra Curricular activities

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06-07-2020 **(Monday)**	Biochemistry (Self-directed learning) Calorific Value, BMR. RQ. SDA	**Physiology** (Discuss the physiological effects of meditation Obtain history and perform general examination in the volunteer / simulated environment)	Anatomy Describe the surfaces, sulci, gyri,poles & functional areas of cerebral hemisphere.)	Dissection	**U N C H B R E A K**	• Revision of Systemic slides (Batch A) • Revision of Cranial nerve examination (Batch B) • Chromatography - Demo & Total cholesterol - Demo (Batch C)
07-07-2020 **(Tuesday)**	Anatomy Describe the derivatives of foregut & its anomalies.)	Biochemistry (Theory Class) Biological value of proteins, RDA, Limiting Amino acids, Nitrogen balance	**Physiology** (Demonstrate Basic Life Support in a simulated environment)			• Revision of Systemic slides (Batch B) • Revision of Cranial nerve examination (Batch C) • Chromatography - Demo & Total cholesterol - Demo (Batch A)
08-07-2020 **(Wednesday)**	**Physiology (Self-directed learning)** (Problem based learning, understanding clinical charts, case history analysis, Drawing diagrams, Group discussion, Self study etc)	Anatomy ((Enumerate parts & major connections of basal ganglia & limbic lobe)	Community Medicine			• Revision of Systemic slides (Batch C) • Revision of Cranial nerve examination (Batch A) • Chromatography - Demo & Total cholesterol - Demo (Batch B)
09-07-2020 **(Thursday)**	Biochemistry (Theory Class) Nutritional disorders	Anatomy ((Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and Subthalamus.)	**Physiology** (Discuss the concept, criteria for diagnosis of Brain death implications)			• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department
10-07-2020 **(Friday)**	Anatomy (Histological features of Systemic slides - Revision)	**Physiology** (Describe and discuss cardio-respiratory & its physical training effects)	Anatomy (Self-directed learning) (Revision of Head & neck bones)			• Formative Assessment & Feedback/Vertical & Horizontal Integration classes
11-07-2020 **(Saturday)**	Biochemistry (Early Clinical Exposure on Goitre)			Integrated teaching		Sports & Extra Curricular activities

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13-07-2020 **(Monday)**	Biochemistry (REVISION CLASSES)	**Physiology** REVISION CLASSES	Anatomy (Describe the formation, branches & major areas of distribution of circle of Willis)	Dissection		**L U N C H B R E A K**	• REVISION OF HAEMATOLOGY (Batch B) • Revision of Genetic slides (Batch A) • cholesterol - Demo (Batch C)
14-07-2020 **(Tuesday)**	Anatomy (Development of Male reproductive system & its anomalies)	Biochemistry (REVISION CLASSES)	**Physiology** (REVISION CLASSES)				• REVISION OF HAEMATOLOGY (Batch C) • Revision of Genetic slides (Batch B) • cholesterol - Demo (Batch A)
15-07-2020 **(Wednesday)**	**Physiology (REVISION CLASSES)**	Anatomy (Describe the boundaries, features of III&IVth ventricle & its applied aspects.)	Community Medicine				• REVISION OF HAEMATOLOGY (Batch A) • Revision of Genetic slides (Batch C) • cholesterol - Demo (Batch B)
16-07-2020 **(Thursday)**	Biochemistry (REVISION CLASSES)	Anatomy (Describe the ***boundaries***, features of lateral ventricle & its applied aspects.)	**Physiology** (REVISION CLASSES)				• Seminar/Role Play of cases/Pedagogy/Tutorials/Learning from Patients: Batch wise to each Department

Sd/-
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