

JSS MEDICAL COLLEGE
(Constituent College)
JSS Academy of Higher Education & Research
(Deemed to be University)
Accredited 'A+' Grade by NAAC



MBBS Phase I Overview

Block	Systems	Duration
Foundation course		January 2021
Block I	General anatomy, General embryology, general histology, General Physiology, Musculoskeletal system, Neuro muscular physiology, Blood, , Cardiovascular system, General biochemistry , Chemistry of biomolecules, transport mechanism, Jaundice, Vitamins, Minerals	1 st of Feb 2021 till 3 rd week of April
1st Internal assessment		Last week of April 2021 & 1 st week of May
Block II	Respiratory system, Gastrointestinal system, Renal system, Endocrine system, Genital system, General metabolism, Acid Base Balance, Detoxification, Organ Function tests	2 nd week of May to last week of July 2021
2nd Internal assessment		2 nd & 3 rd week of August 2021
Block III	Nervous system, special senses, Reproductive system, general metabolism, Intermediatory metabolism, Genetics, Molecular biology, Applied biochemistry, Cancer biochemistry, Isotopes	4 th week of August – 3 rd week of November 2021
3rd Internal assessment		Last week of Nov 2021 & 1 st week of Dec 2021
University exam		January 2022

Number of teaching hours

SI NO	Lecture	Practical/SGT/DOAP	SDL	Total
Anatomy	181	439	31	651
Physiology	150	256	25	431
Biochemistry	89	112	20	221
Community Medicine	20	26	5	51

Note:

- One hour classes are lecture classes & two hour classes are small group teachings.
- For practicals 200 students are divided into 4 batches. Everyday Anatomy & Biochemistry will have one batch each & physiology will have 2 batches.

Foundation course time table

SI no	Date	In-charge Faculty from MEU	Topic, Faculty & Time		
			11-12 Noon	12- 1 PM	2.30PM- 3.30 PM
1	7.01.2021 Thursday	Dr. Deepa Bhat and Dr. Vijaya Vageesh	Induction programme		
2	8.01.2021 Friday	Dr. Arun M	Introduction to MBBS Program Dr.Pushpalatha K	University rules (Attendance & Exams) Dr. M. Renuka, JSSAHER	Initiating and sustaining motivation for Professional Excellence Dr. MA Shekar
3	9.01.2021	Dr. Pushpalatha	History of medicine	Principles of primary	-----

	Saturday	K	Dr.Manthappa	care:Dr. Chandan N, Community medicine	
4	11.01.2021 Monday	Dr. Madhu Srinivasarangan	Leadership skills Dr.Arun	Stress management Dr. Kishor M	Inspiring future leaders in health care Dr. Surinder Singh
5	12.01.2021 Tuesday	Dr. Kiran HS	Physicians role in the society Immunization requirements of health care professionals. Dr. Anil Bilimale	Covid updates, Do's & don'ts Dr Chethak	Tips to stay healthier & learn to live with Covid Dr. Basavanagowdappa. H
6	13.01.2021 Wednesday	Dr. Ashwini P K	Interpersonal relationship & Communication skills Dr. Shivanand	Mentorship Dr.Vijaya vageesh	Clinician as an efficient communicator Dr. Sanjeev Levin
7	15.01.2021 Friday	Dr. M C Sapna Patel	National Health priority Dr. Smitha MC	National health policies Dr. Smitha MC	Profession beyond MBBS Dr.Arun (IAS)
8	16.01.2021 Saturday	Dr. Manthappa M	Introduction to health research Dr.Madhu srinivasarangan	Yoga & life style Mr. Ravi, JSSAHER	The way to success in medical profession Dr Vivek Jawali
9	18.01.2021 Monday	Dr. Deepti T	Patient safety & biohazard safety Dr. Sowmya GS	Traffic rules NR Traffic Police	To improve people's lives. Dr. Ravi MD
10	19.01.2021 Tuesday	Dr. Pushpa VH	Professionalism & Attitude Dr.Vijaya vageesh	Time management Dr.Nithin KB	Positive Attitude Mr. Satish Chandra S R
11	20.01.2021 Wednesday	Dr. Soumya HV	Medical ethics in Research	Introduction to medical humanities	Social Media and Its Effects on Human Perception and

			Institutional Ethical committee	Dr.Kiran HS	Socialization Dr.Prathiba perirae
12	21.01.2021 Thursday	Dr. Nithin KB	Hand washing Needle/Scalpel injuries Dr. Deepashree R	Concept of biosafety Handling biowaste/biomaterial management Dr. Deepashree R	Hygiene practice during clinical practice Dr.Manjunath shetty
13	22.01.2021 Friday	Dr. Madhukesh R	How to study Dr.Deepa Bhat	Reflective practice Dr.Pushpalatha K	Global experience as a clinician Dr. Pratap Chandra

Phase I – Block I

General anatomy, General embryology, general histology, General Physiology, Musculoskeletal system, Neuro muscular physiology, Blood, Cardiovascular system, General biochemistry , Chemistry of biomolecules, transport mechanism, Jaundice, Vitamins, Minerals, Diabetes Mellitus

I Internal assessment: Tentatively- Last week of April 2021 & 1st week of May

Early Clinical Exposure

Department	Anatomy	Physiology	Biochemistry
Topics	1. Surgical importance of palmar spaces 2. Peripheral pulsation & its clinical application 3. Fractures of bones & dislocations of joints	1. Dehydration and oedema 2. Blood bank visit 3. Myocardial infarction	1. Haemolytic Anaemia 2. Liver Function Test 3. Connective Tissue Disorders

AETCOM

Module 1	What does it mean to be a doctor?	<ul style="list-style-type: none"> • Enumerate and describe professional qualities and roles of a physician • Describe and discuss the commitment to lifelong learning as an important part of physician growth • Describe and discuss the role of a physician in health care system • Identify ,discuss physician's role and responsibility to society and the community that she/ he serves
Module 5	The cadaver as our first teacher	Demonstrate respect and follows the correct procedure when handling cadavers and other biologic tissue

Week 1

Time Week 1	Day 01 01.02.2021 Monday	Day 02 02.02.2021 Tuesday	Day 03 03.02.2021 Wednesday	Day 04 04.02.2021 Thursday	Day 05 05.02.2021 Friday	Day 06 06.02.2021 Saturday
8 – 9 am		PY1.1 Functions of cell membrane and organelle	AN4.1-4.5 Skin, Superficial fascia & deep fascia	PY 1.6 Body fluids Dr. NGV	BI 1.1 Molecular and functional organization of a cell and its sub-cellular components.	AN7.1 – AN7.3 Nervous tissue
9 – 10 am	White coat ceremony	An1.1 Anatomy terminologies	PY 1.2 Introduction to Homeostasis	AN2.1-2.4 Bone	AN5.1- AN5.4 Blood Vessels and others aspects	PY 1.8 Resting Membrane potential
10 – 11 am	JSSU online portal CIO	Introduction to biochemistry : Evolution of life	PY 1.3 Cytoskeleton & Intracellular communication	PY1.5 Transport across the cell membrane	PY 1.6,1.4 Body fluids, Apoptosis	AN3.1-AN3.3 Muscular tissue
11 – 1 pm	Antiragging & Gender harassment	AETCOM module 1.5 oath taking & Introduction to dissection	AN4.5 Skin incisions	An 2.5-2.6 Joints	AN13. & 13.6 Introduction to upper limb	AETCOM:1.1.1 professional qualities and roles of a physician AETCOM:1.1.3: Role of a physician in health care system
2 pm – 4 pm DOAP	Department visit on rotation	Histology: Microscopes				Sports/ Extracurricular activities
		Physiology: PY2.11 Microscopes, concentration of saline & Haemoglobin				
		Biochemistry: BI 11.1 Introduction to laboratory guidelines				

Week 2

Time Week 2	Day 07 08.02.2021 Monday	Day 08 09.02.2021 Tuesday	Day 09 10.02.2021 Wednesday	Day 10 11.02.2021 Thursday	Day 11 12.02.2021 Friday	Day 12 13.02.2021 Saturday
8 – 9 am	PY1.8 Action Potential	BI2.1 Enzymes	AN9.2 Mammary Gland Integration & Alignment	PY3.2 Properties of nerve fibres	BI 2.3 Factors affecting enzyme activity, Km and its significance	AN66.1, AN66.2 Connective tissue
9 – 10 am	BI2.1 Enzymes	PY3.1,3.2 Structure and functions of neurons, classification of nerve fibres	PY Tutorials	AN10.1.10.2,10.4,10.7 Axilla	PY SDL	AETCOM Module 1.5 AN 82.1 Ethics
10 – 11 am	AN9.1 Pectoral region	AN6.1-6.3 Lymphatic system	PY3.2 Classification of nerve fibres	Community medicine		
11 – 1 pm	AN 8.1-8.4 Clavicle, Scapula	Dissection of pectoral region	Dissection of pectoral region & Mammary gland	AN 8.1, 8.2, 8.4 Humerus	Dissection of Axilla	
2 pm – 4 pm DOAP	Histology: AN65.1, 65.2 Epithelial tissue				BI 2.4-2.7 Enzymes: Classification, clinical utility of serum enzymes as markers and laboratory investigations Case based Discussion	Sports/ Extracurricular activities
	Physiology: PY2.11 Haemoglobin & Haemocytometer					
	Biochemistry: BI 11.6 & 11.18 Colorimeter & Spectrophotometer					

Week 3

Time Week 3	Day 13 15.02.2021 Monday	Day 14 16.02.2021 Tuesday	Day 15 17.02.2021 Wednesday	Day 16 18.02.2021 Thursday	Day 17 19.02.2021 Friday	Day 18 20.02.2021 Saturday
8 – 9 am	PY3.3 Degeneration and regeneration of nerve fibres	BI 2.4 Enzyme Regulation & Enzyme Inhibition – Enzyme inhibitors as Poisons & Drugs	BI 2.6 Discuss use of enzymes in laboratory investigations (Enzyme based assays)	PY3.9 Muscle contraction	AN 77.1-77.3 Gametogenesis	AN10.10,10.12, 10.13 Shoulder Region & Shoulder joint
9 – 10 am	AN10.3 10.5 10.6 Axilla-Brachial plexus	AN 67.1-67.3 Histology of Muscular tissue	AN10.8,10.9,10.11, 10.14, 10.15 Back & Scapular Region	AN76.1-76.2 Introduction to embryology	PY tutorials	Visit to hospital
10 – 11 am	PY3.4 3.5 3.6 Neuromuscular junction	PY3.7 Muscle types	PY3.8 Properties of Skeletal muscle	Community Medicine	PY tutorials	
11 – 1 pm	BLS & First aid	BLS & First aid	BLS & First aid	BLS & First aid	BLS & First aid	
2 pm – 4 pm DOAP	Visit to hospital Visit to hospital Visit to hospital				Sports/ Extracurricular activities	Sports/ Extracurricular activities

Week 4

Time Week 4	Day 19 22.02.2021 Monday	Day 20 23.02.2021 Tuesday	Day 21 24.02.2021 Wednesday	Day 22 25.02.2021 Thursday	Day 23 26.02.2021 Friday	Day 24 27.02.2021 Saturday
8 – 9 am	BI 2.4-2.7 Laboratory results of enzymes activities & clinical utility of various enzymes as markers of pathological conditions	PY3.11, 3.13 Energetics of Muscle Contraction	Community Medicine	AN77.4-77.6 First week of development	BI 5.2 Structure – function relationship with reference to hemoglobin, carbonic anhydrase, collagen	PY2.3 Haemoglobin
9 – 10 am	PY3.10 EC coupling	AN11.1,11.3-11.6 Arm & Cubital fossa	PY Tutorials	PY3.9 Smooth Muscle	AN12.1,12.3,12.4 Front of forearm	ECE Physiology- Dehydration edema
10 – 11 am	AN11.1,11.3-11.6 Arm & Cubital fossa	BI 5.1 Structural organization of Proteins		PY2.1,2.2 Introduction to Blood, Haematopoiesis, Plasma Proteins	PY2.4 RBC's Structure, erythropoiesis	
11 – 1 pm	BLS & First aid	Dissection of Brachial Plexus	AN8.1, 8.2, 8.4-8.6 Radius, ulna & Articulated hand Dissection of Back & Scapular Region	Dissection of Back & Scapular Region Dissection of Shoulder joint	Dissection of arm	
2 pm – 4 pm DOAP	Visit to hospital	Histology: AN 67.1-67.3 Muscular tissue Physiology: PY 2.11, 2.12 RBC & ESR,PCV Biochemistry: BI 11.14 Estimation of Alkaline phosphatase				PY SDL

Week 5

Time Week 5	Day 25 01.03.2021 Monday	Day 26 02.03.2021 Tuesday	Day 27 03.03.2021 Wednesday	Day 28 04.03.2021 Thursday	Day 29 05.03.2021 Friday	Day 30 06.03.2021 Saturday
8 – 9 am	BI 6.11 Structure & functions of Heme, Heme metabolism & porphyrin metabolism	BI 6.12 Major types of Haemoglobin and its derivatives found in the body & their physiological & pathological relevance	AN12.5-12.10 Palm	PY2.6 WBC's DR. RL	AN13.3 &13.4 Joints of upperlimb	AN71.1 Bone
9 – 10 am	AN12.11,12.13-12.15 Back of Forearm	PY2.5 Jaundice & Anaemia	BI 6.5 Metabolism of Folate and Vitamin B12, and deficiency manifestations	AN12.5-12.10 Palm	PY tutorials	ECE Anatomy: Surgical importance of palmar spaces
10 – 11 am	Community Medicine	AN78.1-78.5 Embryology: 2 nd week of development	Community Medicine	PY2.10 Immunity Dr. PSA		
11 – 1 pm	Dissection of Arm & Dissection of Cubital fossa	Dissection of forearm	Dissection of forearm	Dissection of palm	Dissection of palm	
2 pm – 4 pm DOAP	Histology: AN71.2 Cartilage, AN66.1, AN66.2 Connective tissue				BI tutorials- Case reports Iron Deficiency anemia and Megaloblastic anemia	AN SDL
	Physiology: PY 2.11 RBC , BTCT					
	Biochemistry: BI 11.13 Estimation of SGOT/SGPT					

Week 6

Time Week 6	Day 31 08.03.2021 Monday	Day 32 09.03.2021 Tuesday	Day 33 10.03.2021 Wednesday	11.03.2021 Thursday	Day 34 12.03.2021 Friday	Day 35 13.03.2021 Saturday
8 – 9 am	AN11.2,12.2.12.12 Vessels & Nerves of upper limb	PY2.10 Immunity DR. PSA	BI 10.3, 10.4 Cellular and humoral components of the immune system & describe the types and structure of antibody		PY2.8 Haemostasis Dr. RL	AN69.1-69.3 Blood vessels
9 – 10 am	PY Tutorials	AN78.1-78.5 Embryology: 2 nd week of development	PY2.7 Platelet Dr. RL		Community Medicine	ECE Biochemistry: Hemolytic Anemia
10 – 11 am		BI 6.9, 6.10 Iron -Functions, Metabolism, homeostasis	AN13.5 Radiology of upperlimb		PY SDL	
11 – 1 pm	Discussion of vessels of Upper limb	Discussion of upper limb Nerves	AN 13.5 Demonstration of X Rayof upperlimb		AN13.6,13.7 Surface projection of Upper limb	
2 pm – 4 pm DOAP	Histology: AN71.1Bone Physiology: PY 2.11WBC & BT,CT Biochemistry: BI 11.13 Estimation of SGOT/SGPT					PY SDL

Week 7

Time Week 7	Day 36 15.03.2021 Monday	Day 37 16.03.2021 Tuesday	Day 38 17.03.2021 Wednesday	Day 39 18.03.2021 Thursday	Day 40 19.03.2021 Friday	Day 41 20.03.2021 Saturday
8 – 9 am	AN15.1 Front of Thigh (Veins, Nerves, Lymphatics& Deep Fascia)	PY2.9 Blood group	BI 6.5 Thiamine and Riboflavin - RDA, dietary source, Role in health & disease	PY5.1,5.2 Properties of cardiac muscle	BI6.5 Niacin and Pantothenic Acid- RDA, dietary source, Role in health & disease	AN 68.1-68.3 Nervous tissue- Peripheral nerve& Ganglia
9 – 10 am	PY2.8 Haemostasis	AN15.2, 15.3 Muscles of front of thigh & Femoral triangle	PY Tutorials	AN79.1-79.6 3 rd to 8 th week of development	PY Tutorials	ECE Physiology- Blood bank visit
10 – 11 am	PY2.9 Blood group	BI 10.3, 10.4 Innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses. Antigens and concepts	Community Medicine	AN15.5 Adductor region & canal		
11 – 1 pm	Unit test	AN 14.1,14.2 Hip bone & Femur Dissection of front of thigh	Dissection of front of thigh	Dissection of Femoral triangle	Dissection of Adductor region	
2 pm – 4 pm DOAP	Histology: AN 69.1-69.3 Blood vessels Physiology: PY 2.11 WBC & Blood group Biochemistry: BI 11.16 Electrophoresis Principle, Types with special reference to Hb electrophoresis				Biochemistry Tutorials- Primary immune deficiency, SCID, Autoimmune Disorders, Multiple Myeloma-Case discussion	AN SDL

Week 8

Time Week 8	Day 42 22.03.2021 Monday	Day 43 23.03.2021 Tuesday	Day 44 24.03.2021 Wednesday	Day 45 25.03.2021 Thursday	Day 46 26.03.2021 Friday	Day 47 27.03.2021 Saturday
8 – 9 am	AN16.1-16.3 Gluteal region	AN16.1-16.3 Gluteal region	PY5.4 Conduction system of heart	AN 16.4-16.5 Back of thigh	BI 4.1 Triglycerides, Phospholipids, Sphingolipids, glycolipids-composition, distribution and functions	PY2.8 Haemostasis
9 – 10 am	PY SDL	PY Tutorials	BI 4.1 Lipids – Definition, classification, Essential & Non-essential Fatty acids, Cholesterol & Hormonal steroids	PY5.5 ECG	PY5.5 ECG	ECE: Biochemistry; Liver Function Tests
10 – 11 am	BI 6.5 Pyridoxine and Biotin-RDA, dietary source, Role in health & disease, Cutaneous manifestations		AN79.1-79.6 3 rd to 8 th week of development	Community medicine	AN70.1 Histology of Glands	
11 – 1 pm	Dissection of Gluteal region	Dissection of Gluteal region	Dissection of Gluteal region	AN 14.1-14.3 Tibia & Fibula	Dissection of Back of thigh	
2 pm – 4 pm DOAP	Histology: AN 68.1-68.3 Nervous tissue				Biochemistry tutorials- Case reports related to Thiamine Deficiency, CO poisoning	Sports/ Extracurricular activities
	Physiology: PY 2.11 DLC, Osmotic fragility & SG					
	Biochemistry: : BI 11.16 Colour reactions of Proteins & Immunodiffusion					

Week 9

Time Week 9	Day 48 29.03.2021 Monday	Day 49 30.03.2021 Tuesday	Day 50 31.03.2021 Wednesday	Day 51 01.04.2021 Thursday	02.04.2021 Friday	Day 52 03.04.2021 Saturday
8 – 9 am	AN72.1 Histology of Skin	PY5.3 Cardiac Cycle	BI 9.2, 9.3 Involvement of ECM components in health & disease, Protein Targeting & sorting along with associated disorders	PY5.8 Cardiovascular regulation		AN70.2 Lymphnode & palatine tonsil
9 – 10 am	BI 6.5 Vitamin C -RDA, dietary source, Role in health & disease	AN 16.6 Popliteal fossa	PY Tutorials	AN 17.1 Hip joint		ECE: Anatomy: Fractures of bones & dislocations of joints
10 – 11 am	PY SDL	BI 9.1 Functions & Components of Extracellular Matrix Involvement of ECM components in health & disease	AN18.1-18.3 Anterior & Lateral compartment of leg	AN79.1-79.6 3 rd to 8 th week of development		
11 – 1 pm	Dissection of Back of thigh	Dissection of Back of thigh	Dissection of Popliteal fossa	Dissection of Hip joint		
2 pm – 4 pm DOAP	Histology: AN 70.1 Glands & AN 72.1 Skin					Sports/ Extracurricular activities
	Physiology: PY 2.11 DLC, Ergograph					
	Biochemistry: BI 11.16 Protein Electrophoresis					

Week 10

Time Week 10	Day 53 05.04.2021 Monday	Day 54 06.04.2021 Tuesday	Day 55 07.04.2021 Wednesday	Day 56 08.04.2021 Thursday	Day 57 09.04.2021 Friday	Day 58 10.04.2021 Saturday
8 – 9 am	AN18.1-18.3 Anterior & Lateral compartment of leg	BI 7.6 Free radicles & antioxidants	BI 5.4 Metabolism of sulphur containing aminoacids	PY5.9 Cardiac output	BI 6.9-6.10 Zinc, copper, Magnesium - Functions, Metabolism, homeostasis	AN 18.4-18.7 Knee joint
9 – 10 am	PY5.9 Heart rate & Its regulation	PY5.9 Cardiac output	PY tutorials	AN19.1-19.4 Back of leg	AN70.2 Spleen & Thymus	ECE Anatomy: Peripheral pulsation & its clinical application
10 – 11 am	PY5.9 Cardiac output	AN79.1-79.6 3 rd to 8 th week of development		PY Hemodynamics	Community medicine	
11 – 1 pm	AN 14.4 Bones of foot	Dissection of Anterior & Lateral compartment of leg	Dissection of Anterior & Lateral compartment of leg	Dissection of Back of Leg	Dissection of Back of Leg	
2 pm – 4 pm DOAP	Histology: AN70.2 Lymph node & Tonsil				Histology(C): AN 7.2 Spleen & Thymus, Physiology(A,B): PY 2.11, 5.12 AEC & Nerve simulation, Biochemistry(D): BI 11.21 Estimation of blood glucose	Sports/ Extracurricular activities
	Physiology: PY 2.11DLC, Ergograph					
	Biochemistry: BI 11.17 Identification of Carbohydrates & OSPE, Benedits test					

Week 11

Time Week 11	Day 59 12.04.2021 Monday	13.04.2021 Tuesday	14.04.2021 Wednesday	Day 60 15.04.2021 Thursday	Day 61 16.04.2021 Friday	Day 62 17.04.2021 Saturday
8 – 9 am	BI 3.1 Monosaccharides, Disaccharides- Role as energy fuel, structural element and storage in human body	09.04.2021 Friday- practicals	16.04.2021 Friday- practicals	PY5.9 Blood pressure	BI 3.1 Disaccharides- Role as energy fuel, structural element and storage in human body	AN20.1,20.2 Joints of Lower Limb
9 – 10 am	PY5.9 Blood pressure			PY5.10 Coronary circulation	PY5.10 Cerebral and Cutaneous circulation	ECE: Physiology- Myocardial infarction
10 – 11 am	Community medicine			AN 19.8 Sole	AN 19.8 Sole	
11 – 1 pm	Dissection of Knee joint			Dissection of Sole	Dissection of Sole	
2 pm – 4 pm DOAP	Histology: AN 7.2 Spleen & Thymus Physiology: PY 2.11, 5.12 AEC & Nerve simulation Biochemistry: BI 11.21 Estimation of blood glucose					

Week 12

Time Week 12	Day 63 19.04.2021 Monday	Day 64 20.04.2021 Tuesday	Day 65 21.04.2021 Wednesday	Day 66 22.04.2021 Thursday	Day 67 23.04.2021 Friday	Day 68 24.04.2021 Saturday
8 – 9 am	AN 15.1,16.1, 16.5, 18.2, 19.2, 20.3, 20.4, 20.5 Vessels of lower limb - varicose veins	BI 3.1 Polysaccharides – Role as energy fuel, structural element and storage in human body	PY5.11 Heart failure	BI 3.1 Chemistry of Carbohydrates (Revision)	AN 19.5-19.7 Arches of foot	Histology revision
9 – 10 am	PY5.10 Regional circulation	PY5.11 Shock	AN80.1 Foetal membranes	PY tutorial	AN 80.4,80.6 Twinning & Teratology	ECE Biochemistry: Connective Tissue Disorders
10 – 11 am	PY5.10 Fetal & splanchnic Circulation	AN80.2-80.3,80.7 Placenta & Umbilical cord	AN 20.7 Surface projection of lower limb		Community medicine	
11 – 1 pm	Dissection of Sole	Vessels of lower limb - varicose veins	AN 20.8 Nerves of lower limb	AN 20.6 Radiology of lower limb	AN 20.7 Surface projection of lower limb	
2 pm – 4 pm DOAP	Histology: AN80.2-80.3,80.7 Placenta & Umbilical cord				AETCOM1.1.2 & 1.1.4 Lifelong learning as an physician growth Physician's role and responsibility to society and the community	BI SDL activities
	Physiology: PY 5.12 Animal simulation & Reticulocyte & platelet count					
	Biochemistry: BI 11.17 Glucometer					

1st Internal assessment Time table- Tentative

Theory	Anatomy	Physiology	Biochemistry
Dates	26.04.2021	28.04.2021	30.04.2021

Practical	03.05.2021	04.05.2021	05.05.2021	06.05.2021	07.05.2021	08.05.2021
Anatomy	Batch A	Batch B	Batch C	Batch D	Batch E	Batch F
Physiology	Batch C	Batch D	Batch E	Batch F	Batch A	Batch B
Biochemistry	Batch E	Batch F	Batch A	Batch B	Batch C	Batch D

Note: Answer booklets will be shown and feedback will be given following the practical exams in respective departments

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1st Internal assessment		Last week of April 2021 & 1 st week of May
Block II	Respiratory system, Gastrointestinal system, Renal system, Endocrine system, Genital system, General metabolism, Acid Base Balance, Detoxification, Organ Function tests	2 nd week of May to last week of July 2021
2nd Internal assessment		2 nd & 3 rd week of August 2021
Block III	Nervous system, special senses, Reproductive system, general metabolism, Intermediatory metabolism, Genetics, Molecular biology, Applied biochemistry, Cancer biochemistry, Isotopes	4 th week of August – 3 rd week of November 2021
3rd Internal assessment		Last week of Nov 2021 & 1 st week of Dec 2021
University exam		January 2022

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Foundation course time table

SI no	Date	In-charge Faculty from MEU	Topic, Faculty & Time		
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2	8.01.2021 Friday	Dr. Arun M	Introduction to MBBS Program Dr.Pushpalatha K	University rules (Attendance & Exams) Dr. M. Renuka, JSSAHER	Initiating and sustaining motivation for Professional Excellence Dr. MA Shekar
3	9.01.2021	Dr. Pushpalatha	History of medicine	Principles of primary	-----

	Saturday	K	Dr.Manthappa	care:Dr. Chandan N, Community medicine	
4	11.01.2021 Monday	Dr. Madhu Srinivasarangan	Leadership skills Dr.Arun	Stress management Dr. Kishor M	Inspiring future leaders in health care Dr. Surinder Singh
5	12.01.2021 Tuesday	Dr. Kiran HS	Physicians role in the society Immunization requirements of health care professionals. Dr. Anil Bilimale	Covid updates, Do's & don'ts Dr Chethak	Tips to stay healthier & learn to live with Covid Dr. Basavanagowdappa. H
6	13.01.2021 Wednesday	Dr. Ashwini P K	Interpersonal relationship & Communication skills Dr. Shivanand	Mentorship Dr.Vijaya vageesh	Clinician as an efficient communicator Dr. Sanjeev Levin
7	15.01.2021 Friday	Dr. M C Sapna Patel	National Health priority Dr. Smitha MC	National health policies Dr. Smitha MC	Profession beyond MBBS Dr.Arun (IAS)
8	16.01.2021 Saturday	Dr. Manthappa M	Introduction to health research Dr.Madhu srinivasarangan	Yoga & life style Mr. Ravi, JSSAHER	The way to success in medical profession Dr Vivek Jawali
9	18.01.2021 Monday	Dr. Deepti T	Patient safety & biohazard safety Dr. Sowmya GS	Traffic rules NR Traffic Police	To improve people's lives. Dr. Ravi MD
10	19.01.2021 Tuesday	Dr. Pushpa VH	Professionalism & Attitude Dr.Vijaya vageesh	Time management Dr.Nithin KB	Positive Attitude Mr. Satish Chandra S R
11	20.01.2021 Wednesday	Dr. Soumya HV	Medical ethics in Research	Introduction to medical humanities	Social Media and Its Effects on Human Perception and

			Institutional Ethical committee	Dr.Kiran HS	Socialization Dr.Prathiba perirae
12	21.01.2021 Thursday	Dr. Nithin KB	Hand washing Needle/Scalpel injuries Dr. Deepashree R	Concept of biosafety Handling biowaste/biomaterial management Dr. Deepashree R	Hygiene practice during clinical practice Dr.Manjunath shetty
13	22.01.2021 Friday	Dr. Madhukesh R	How to study Dr.Deepa Bhat	Reflective practice Dr.Pushpalatha K	Global experience as a clinician Dr. Pratap Chandra

Phase I – Block I

General anatomy, General embryology, general histology, General Physiology, Musculoskeletal system, Neuro muscular physiology, Blood, Cardiovascular system, General biochemistry , Chemistry of biomolecules, transport mechanism, Jaundice, Vitamins, Minerals, Diabetes Mellitus

I Internal assessment: Tentatively- Last week of April 2021 & 1st week of May

Early Clinical Exposure

Department	Anatomy	Physiology	Biochemistry
Topics	4. Surgical importance of palmar spaces 5. Peripheral pulsation & its clinical application 6. Fractures of bones & dislocations of joints	1. Dehydration and oedema 2. Blood bank visit 3. Myocardial infarction	1. Haemolytic Anaemia 2. Liver Function Test 3. Connective Tissue Disorders

AETCOM

Module 1	What does it mean to be a doctor?	<ul style="list-style-type: none"> • Enumerate and describe professional qualities and roles of a physician • Describe and discuss the commitment to lifelong learning as an important part of physician growth • Describe and discuss the role of a physician in health care system • Identify ,discuss physician's role and responsibility to society and the community that she/ he serves
Module 5	The cadaver as our first teacher	Demonstrate respect and follows the correct procedure when handling cadavers and other biologic tissue

Week 1

Time Week 1	Day 01 01.02.2021 Monday	Day 02 02.02.2021 Tuesday	Day 03 03.02.2021 Wednesday	Day 04 04.02.2021 Thursday	Day 05 05.02.2021 Friday	Day 06 06.02.2021 Saturday
8 – 9 am		PY1.1 Functions of cell membrane and organelle	AN4.1-4.5 Skin, Superficial fascia & deep fascia	PY 1.6 Body fluids Dr. NGV	BI 1.1 Molecular and functional organization of a cell and its sub-cellular components.	AN7.1 – AN7.3 Nervous tissue
9 – 10 am	White coat ceremony	An1.1 Anatomy terminologies	PY 1.2 Introduction to Homeostasis	AN2.1-2.4 Bone	AN5.1- AN5.4 Blood Vessels and others aspects	PY 1.8 Resting Membrane potential
10 – 11 am	JSSU online portal CIO	Introduction to biochemistry : Evolution of life	PY 1.3 Cytoskeleton & Intracellular communication	PY1.5 Transport across the cell membrane	PY 1.6,1.4 Body fluids, Apoptosis	AN3.1-AN3.3 Muscular tissue
11 – 1 pm	Antiragging & Gender harassment	AETCOM module 1.5 oath taking & Introduction to dissection	AN4.5 Skin incisions	An 2.5-2.6 Joints	AN13. & 13.6 Introduction to upper limb	AETCOM:1.1.1 professional qualities and roles of a physician AETCOM:1.1.3: Role of a physician in health care system
2 pm – 4 pm DOAP	Department visit on rotation	Histology: Microscopes				Sports/ Extracurricular activities
		Physiology: PY2.11 Microscopes, concentration of saline & Haemoglobin				
		Biochemistry: BI 11.1 Introduction to laboratory guidelines				

Week 2

Time Week 2	Day 07 08.02.2021 Monday	Day 08 09.02.2021 Tuesday	Day 09 10.02.2021 Wednesday	Day 10 11.02.2021 Thursday	Day 11 12.02.2021 Friday	Day 12 13.02.2021 Saturday
8 – 9 am	PY1.8 Action Potential	BI2.1 Enzymes	AN9.2 Mammary Gland Integration & Alignment	PY3.2 Properties of nerve fibres	BI 2.3 Factors affecting enzyme activity, Km and its significance	AN66.1, AN66.2 Connective tissue
9 – 10 am	BI2.1 Enzymes	PY3.1,3.2 Structure and functions of neurons, classification of nerve fibres	PY Tutorials	AN10.1.10.2,10.4,10.7 Axilla	PY SDL	AETCOM Module 1.5 AN 82.1 Ethics
10 – 11 am	AN9.1 Pectoral region	AN6.1-6.3 Lymphatic system	PY3.2 Classification of nerve fibres	Community medicine		
11 – 1 pm	AN 8.1-8.4 Clavicle, Scapula	Dissection of pectoral region	Dissection of pectoral region & Mammary gland	AN 8.1, 8.2, 8.4 Humerus	Dissection of Axilla	
2 pm – 4 pm DOAP	Histology: AN65.1, 65.2 Epithelial tissue				BI 2.4-2.7 Enzymes: Classification, clinical utility of serum enzymes as markers and laboratory investigations Case based Discussion	Sports/ Extracurricular activities
	Physiology: PY2.11 Haemoglobin & Haemocytometer					
	Biochemistry: BI 11.6 & 11.18 Colorimeter & Spectrophotometer					

Week 3

Time Week 3	Day 13 15.02.2021 Monday	Day 14 16.02.2021 Tuesday	Day 15 17.02.2021 Wednesday	Day 16 18.02.2021 Thursday	Day 17 19.02.2021 Friday	Day 18 20.02.2021 Saturday
8 – 9 am	PY3.3 Degeneration and regeneration of nerve fibres	BI 2.4 Enzyme Regulation & Enzyme Inhibition – Enzyme inhibitors as Poisons & Drugs	BI 2.6 Discuss use of enzymes in laboratory investigations (Enzyme based assays)	PY3.9 Muscle contraction	AN 77.1-77.3 Gametogenesis	AN10.10,10.12, 10.13 Shoulder Region & Shoulder joint
9 – 10 am	AN10.3 10.5 10.6 Axilla-Brachial plexus	AN 67.1-67.3 Histology of Muscular tissue	AN10.8,10.9,10.11, 10.14, 10.15 Back & Scapular Region	AN76.1-76.2 Introduction to embryology	PY tutorials	Visit to hospital
10 – 11 am	PY3.4 3.5 3.6 Neuromuscular junction	PY3.7 Muscle types	PY3.8 Properties of Skeletal muscle	Community Medicine	PY tutorials	
11 – 1 pm	BLS & First aid	BLS & First aid	BLS & First aid	BLS & First aid	BLS & First aid	
2 pm – 4 pm DOAP	Visit to hospital Visit to hospital Visit to hospital				Sports/ Extracurricular activities	Sports/ Extracurricular activities

Week 4

Time Week 4	Day 19 22.02.2021 Monday	Day 20 23.02.2021 Tuesday	Day 21 24.02.2021 Wednesday	Day 22 25.02.2021 Thursday	Day 23 26.02.2021 Friday	Day 24 27.02.2021 Saturday
8 – 9 am	BI 2.4-2.7 Laboratory results of enzymes activities & clinical utility of various enzymes as markers of pathological conditions	PY3.11, 3.13 Energetics of Muscle Contraction	Community Medicine	AN77.4-77.6 First week of development	BI 5.2 Structure – function relationship with reference to hemoglobin, carbonic anhydrase, collagen	PY2.3 Haemoglobin
9 – 10 am	PY3.10 EC coupling	AN11.1,11.3-11.6 Arm & Cubital fossa	PY Tutorials	PY3.9 Smooth Muscle	AN12.1,12.3,12.4 Front of forearm	ECE Physiology- Dehydration edema
10 – 11 am	AN11.1,11.3-11.6 Arm &Cubital fossa	BI 5.1 Structural organization of Proteins		PY2.1,2.2 Introduction to Blood, Haematopoiesis, Plasma Proteins	PY2.4 RBC's Structure, erythropoiesis	
11 – 1 pm	BLS & First aid	Dissection of Brachial Plexus	AN8.1, 8.2, 8.4-8.6 Radius, ulna & Articulated hand Dissection of Back & Scapular Region	Dissection of Back & Scapular Region Dissection of Shoulder joint	Dissection of arm	
2 pm – 4 pm DOAP	Visit to hospital	Histology: AN 67.1-67.3 Muscular tissue Physiology: PY 2.11, 2.12 RBC & ESR,PCV Biochemistry: BI 11.14 Estimation of Alkaline phosphatase				PY SDL

Week 5

Time Week 5	Day 25 01.03.2021 Monday	Day 26 02.03.2021 Tuesday	Day 27 03.03.2021 Wednesday	Day 28 04.03.2021 Thursday	Day 29 05.03.2021 Friday	Day 30 06.03.2021 Saturday
8 – 9 am	BI 6.11 Structure & functions of Heme, Heme metabolism & porphyrin metabolism	BI 6.12 Major types of Haemoglobin and its derivatives found in the body & their physiological & pathological relevance	AN12.5-12.10 Palm	PY2.6 WBC's DR. RL	AN13.3 &13.4 Joints of upperlimb	AN71.1 Bone
9 – 10 am	AN12.11,12.13-12.15 Back of Forearm	PY2.5 Jaundice & Anaemia	BI 6.5 Metabolism of Folate and Vitamin B12, and deficiency manifestations	AN12.5-12.10 Palm	PY tutorials	ECE Anatomy: Surgical importance of palmar spaces
10 – 11 am	Cmmunity Medicine	AN78.1-78.5 Embryology: 2 nd week of development	Cmmunity Medicine	PY2.10 Immunity Dr. PSA		
11 – 1 pm	Dissection of Arm & Dissection of Cubital fossa	Dissection of forearm	Dissection of forearm	Dissection of palm	Dissection of palm	
2 pm – 4 pm DOAP	Histology: AN71.2 Cartilage, AN66.1, AN66.2 Connective tissue				BI tutorials- Case reports Iron Deficiency anemia and Megaloblastic anemia	AN SDL
	Physiology: PY 2.11 RBC , BTCT					
	Biochemistry: BI 11.13 Estimation of SGOT/SGPT					

Week 6

Time Week 6	Day 31 08.03.2021 Monday	Day 32 09.03.2021 Tuesday	Day 33 10.03.2021 Wednesday	11.03.2021 Thursday	Day 34 12.03.2021 Friday	Day 35 13.03.2021 Saturday
8 – 9 am	AN11.2,12.2.12.12 Vessels & Nerves of upper limb	PY2.10 Immunity DR. PSA	BI 10.3, 10.4 Cellular and humoral components of the immune system & describe the types and structure of antibody		PY2.8 Haemostasis Dr. RL	AN69.1-69.3 Blood vessels
9 – 10 am	PY Tutorials	AN78.1-78.5 Embryology: 2 nd week of development	PY2.7 Platelet Dr. RL		Community Medicine	ECE Biochemistry: Hemolytic Anemia
10 – 11 am		BI 6.9, 6.10 Iron -Functions, Metabolism, homeostasis	AN13.5 Radiology of upperlimb		PY SDL	
11 – 1 pm	Discussion of vessels of Upper limb	Discussion of upper limb Nerves	AN 13.5 Demonstration of X Rayof upperlimb		AN13.6,13.7 Surface projection of Upper limb	
2 pm – 4 pm DOAP	Histology: AN71.1Bone Physiology: PY 2.11WBC & BT,CT Biochemistry: BI 11.13 Estimation of SGOT/SGPT					PY SDL

Week 7

Time Week 7	Day 36 15.03.2021 Monday	Day 37 16.03.2021 Tuesday	Day 38 17.03.2021 Wednesday	Day 39 18.03.2021 Thursday	Day 40 19.03.2021 Friday	Day 41 20.03.2021 Saturday
8 – 9 am	AN15.1 Front of Thigh (Veins, Nerves, Lymphatics& Deep Fascia)	PY2.9 Blood group	BI 6.5 Thiamine and Riboflavin - RDA, dietary source, Role in health & disease	PY5.1,5.2 Properties of cardiac muscle	BI6.5 Niacin and Pantothenic Acid- RDA, dietary source, Role in health & disease	AN 68.1-68.3 Nervous tissue- Peripheral nerve& Ganglia
9 – 10 am	PY2.8 Haemostasis	AN15.2, 15.3 Muscles of front of thigh & Femoral triangle	PY Tutorials	AN79.1-79.6 3 rd to 8 th week of development	PY Tutorials	ECE Physiology- Blood bank visit
10 – 11 am	PY2.9 Blood group	BI 10.3, 10.4 Innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses. Antigens and concepts	Community Medicine	AN15.5 Adductor region & canal		
11 – 1 pm	Unit test	AN 14.1,14.2 Hip bone & Femur Dissection of front of thigh	Dissection of front of thigh	Dissection of Femoral triangle	Dissection of Adductor region	
2 pm – 4 pm DOAP	Histology: AN 69.1-69.3 Blood vessels				Biochemistry Tutorials- Primary immune deficiency, SCID, Autoimmune Disorders, Multiple Myeloma-Case discussion	AN SDL
	Physiology: PY 2.11 WBC & Blood group					
	Biochemistry: BI 11.16 Electrophoresis Principle, Types with special reference to Hb electrophoresis					

Week 8

Time Week 8	Day 42 22.03.2021 Monday	Day 43 23.03.2021 Tuesday	Day 44 24.03.2021 Wednesday	Day 45 25.03.2021 Thursday	Day 46 26.03.2021 Friday	Day 47 27.03.2021 Saturday
8 – 9 am	AN16.1-16.3 Gluteal region	AN16.1-16.3 Gluteal region	PY5.4 Conduction system of heart	AN 16.4-16.5 Back of thigh	BI 4.1 Triglycerides, Phospholipids, Sphingolipids, glycolipids-composition, distribution and functions	PY2.8 Haemostasis
9 – 10 am	PY SDL	PY Tutorials	BI 4.1 Lipids – Definition, classification, Essential & Non-essential Fatty acids, Cholesterol & Hormonal steroids	PY5.5 ECG	PY5.5 ECG	ECE: Biochemistry; Liver Function Tests
10 – 11 am	BI 6.5 Pyridoxine and Biotin-RDA, dietary source, Role in health & disease, Cutaneous manifestations		AN79.1-79.6 3 rd to 8 th week of development	Community medicine	AN70.1 Histology of Glands	
11 – 1 pm	Dissection of Gluteal region	Dissection of Gluteal region	Dissection of Gluteal region	AN 14.1-14.3 Tibia & Fibula	Dissection of Back of thigh	
2 pm – 4 pm DOAP	Histology: AN 68.1-68.3 Nervous tissue				Biochemistry tutorials- Case reports related to Thiamine Deficiency, CO poisoning	Sports/ Extracurricular activities
	Physiology: PY 2.11 DLC, Osmotic fragility & SG					
	Biochemistry: : BI 11.16 Colour reactions of Proteins & Immunodiffusion					

Week 9

Time Week 9	Day 48 29.03.2021 Monday	Day 49 30.03.2021 Tuesday	Day 50 31.03.2021 Wednesday	Day 51 01.04.2021 Thursday	02.04.2021 Friday	Day 52 03.04.2021 Saturday
8 – 9 am	AN72.1 Histology of Skin	PY5.3 Cardiac Cycle	BI 9.2, 9.3 Involvement of ECM components in health & disease, Protein Targeting & sorting along with associated disorders	PY5.8 Cardiovascular regulation		AN70.2 Lymphnode & palatine tonsil
9 – 10 am	BI 6.5 Vitamin C -RDA, dietary source, Role in health & disease	AN 16.6 Popliteal fossa	PY Tutorials	AN 17.1 Hip joint		ECE: Anatomy: Fractures of bones & dislocations of joints
10 – 11 am	PY SDL	BI 9.1 Functions & Components of Extracellular Matrix Involvement of ECM components in health & disease	AN18.1-18.3 Anterior & Lateral compartment of leg	AN79.1-79.6 3 rd to 8 th week of development		
11 – 1 pm	Dissection of Back of thigh	Dissection of Back of thigh	Dissection of Popliteal fossa	Dissection of Hip joint		
2 pm – 4 pm DOAP	Histology: AN 70.1 Glands & AN 72.1 Skin					Sports/ Extracurricular activities
	Physiology: PY 2.11 DLC, Ergograph					
	Biochemistry: BI 11.16 Protein Electrophoresis					

Week 10

Time Week 10	Day 53 05.04.2021 Monday	Day 54 06.04.2021 Tuesday	Day 55 07.04.2021 Wednesday	Day 56 08.04.2021 Thursday	Day 57 09.04.2021 Friday	Day 58 10.04.2021 Saturday
8 – 9 am	AN18.1-18.3 Anterior & Lateral compartment of leg	BI 7.6 Free radicles & antioxidants	BI 5.4 Metabolism of sulphur containing aminoacids	PY5.9 Cardiac output	BI 6.9-6.10 Zinc, copper, Magnesium - Functions, Metabolism, homeostasis	AN 18.4-18.7 Knee joint
9 – 10 am	PY5.9 Heart rate & Its regulation	PY5.9 Cardiac output	PY tutorials	AN19.1-19.4 Back of leg	AN70.2 Spleen & Thymus	ECE Anatomy: Peripheral pulsation & its clinical application
10 – 11 am	PY5.9 Cardiac output	AN79.1-79.6 3 rd to 8 th week of development		PY Hemodynamics	Community medicine	
11 – 1 pm	AN 14.4 Bones of foot	Dissection of Anterior & Lateral compartment of leg	Dissection of Anterior & Lateral compartment of leg	Dissection of Back of Leg	Dissection of Back of Leg	
2 pm – 4 pm DOAP	Histology: AN70.2 Lymph node & Tonsil				Histology(C): AN 7.2 Spleen & Thymus, Physiology(A,B): PY 2.11, 5.12 AEC & Nerve simulation, Biochemistry(D): BI 11.21 Estimation of blood glucose	Sports/ Extracurricular activities
	Physiology: PY 2.11DLC, Ergograph					
	Biochemistry: BI 11.17 Identification of Carbohydrates & OSPE, Benedits test					

Week 11

Time Week 11	Day 59 12.04.2021 Monday	13.04.2021 Tuesday	14.04.2021 Wednesday	Day 60 15.04.2021 Thursday	Day 61 16.04.2021 Friday	Day 62 17.04.2021 Saturday
8 – 9 am	BI 3.1 Monosaccharides, Disaccharides- Role as energy fuel, structural element and storage in human body	09.04.2021 Friday- practicals	16.04.2021 Friday- practicals	PY5.9 Blood pressure	BI 3.1 Disaccharides- Role as energy fuel, structural element and storage in human body	AN20.1,20.2 Joints of Lower Limb
9 – 10 am	PY5.9 Blood pressure			PY5.10 Coronary circulation	PY5.10 Cerebral and Cutaneous circulation	ECE: Physiology- Myocardial infarction
10 – 11 am	Community medicine			AN 19.8 Sole	AN 19.8 Sole	
11 – 1 pm	Dissection of Knee joint			Dissection of Sole	Dissection of Sole	
2 pm – 4 pm DOAP	Histology: AN 7.2 Spleen & Thymus Physiology: PY 2.11, 5.12 AEC & Nerve simulation Biochemistry: BI 11.21 Estimation of blood glucose					

Week 12

Time Week 12	Day 63 19.04.2021 Monday	Day 64 20.04.2021 Tuesday	Day 65 21.04.2021 Wednesday	Day 66 22.04.2021 Thursday	Day 67 23.04.2021 Friday	Day 68 24.04.2021 Saturday
8 – 9 am	AN 15.1,16.1, 16.5, 18.2, 19.2, 20.3, 20.4, 20.5 Vessels of lower limb - varicose veins	BI 3.1 Polysaccharides – Role as energy fuel, structural element and storage in human body	PY5.11 Heart failure	BI 3.1 Chemistry of Carbohydrates (Revision)	AN 19.5-19.7 Arches of foot	Histology revision
9 – 10 am	PY5.10 Regional circulation	PY5.11 Shock	AN80.1 Foetal membranes	PY tutorial	AN 80.4,80.6 Twinning & Teratology	ECE Biochemistry: Connective Tissue Disorders
10 – 11 am	PY5.10 Fetal & splanchnic Circulation	AN80.2-80.3,80.7 Placenta & Umbilical cord	AN 20.7 Surface projection of lower limb		Community medicine	
11 – 1 pm	Dissection of Sole	Vessels of lower limb - varicose veins	AN 20.8 Nerves of lower limb	AN 20.6 Radiology of lower limb	AN 20.7 Surface projection of lower limb	
2 pm – 4 pm DOAP	Histology: AN80.2-80.3,80.7 Placenta & Umbilical cord				AETCOM1.1.2 & 1.1.4 Lifelong learning as an physician growth Physician's role and responsibility to society and the community	BI SDL activities
	Physiology: PY 5.12 Animal simulation & Reticulocyte & platelet count					
	Biochemistry: BI 11.17 Glucometer					

1st Internal assessment Time table- Tentative

Theory	Anatomy	Physiology	Biochemistry
Dates	26.04.2021	28.04.2021	30.04.2021

Practical	03.05.2021	04.05.2021	05.05.2021	06.05.2021	07.05.2021	08.05.2021
Anatomy	Batch A	Batch B	Batch C	Batch D	Batch E	Batch F
Physiology	Batch C	Batch D	Batch E	Batch F	Batch A	Batch B
Biochemistry	Batch E	Batch F	Batch A	Batch B	Batch C	Batch D

Note: Answer booklets will be shown and feedback will be given following the practical exams in respective departments

Phase I - Block II

Respiratory system, Endocrinology, Gastrointestinal system, Renal system, Genital system, General metabolism, Acid Base Balance, Detoxification, Organ Function tests

Early Clinical Exposure

Department	Anatomy	Physiology	Biochemistry
Topics	1. Coronary artery 2. X ray, CT & MRI of thorax 3. Pelvic floor	1. COPD 2. Acid peptic disease 3. Glomerulopathies	1. Laboratory results associated with metabolism of lipids & Case reports related to lipid storage disorders 2. Acid base balance 3. Diabetes Mellitus

AETCOM

Module 2	What does it mean to be a patient	<ul style="list-style-type: none"> • Enumerate and describe professional qualities and roles of a physician • Demonstrate empathy in patient encounters
Module 3	The doctor patient relationship	<ul style="list-style-type: none"> • Enumerate and describe professional qualities and roles of a physician • Demonstrate empathy in patient encounters

Time	Day 69 10.05.2021 Monday	Day 70 11.05.2021 Tuesday	Day 80 12.05.2021 Wednesday	Day 81 13.05.2021 Thursday	14.05.2021 Friday	Day 82 15.05.2021 Saturday
8 – 9 am	AN 21.1, 21.3 Introduction to thorax	BI 6.6 Redox potential, High energy compounds , shuttle mechanisms	PY6.2 Lung volumes & capacity	AN24.1 Pleura Integration		PY6.2 Airway resistance
9 – 10 am	PY6.1 Non respiratory function	AN 21.4-2.7, 21.9 Intercostal spaces	AN21.11 Superior mediastinum Integration	PY6.2 Airway resistance		BI 6.6 Role of oxidative stress in the pathogenesis of conditions such as cancer, complications of Diabetes Mellitus and atherosclerosis
10 – 11 am	AN 25.1 Histology Lung & Trachea	PY6.2 Mechanics of respiration	PY6.2 Alveolar surface tension	BI 6.6 Oxidative phosphorylation- definition and enzymes Electron transport chain and Mechanism of ATP synthesis, Inhibitors and uncouplers		AN 25.2 Development of pleura & Lungs
11 – 1 pm	AN21.1-21.3 Osteology of thorax	Dissection of thoracic wall	Discussion of superior mediastinum	Dissection of pleura		BI Tutorials
2 pm – 4 pm DOAP	Histology: AN 25.1 Lung & Trachea					
	Physiology: PY 5.12 GPE and pulse					
	Biochemsitry: Analysis of Normal Urine –Demo-OSPE- Urinometer					

Week 16

Time	Day 83 17.05.2021 Monday	Day 84 18.05.2021 Tuesday	Day 85 19.05.2021 Wednesday	Day 86 20.05.2021 Thursday	Day 87 21.05.2021 Friday	Day 88 22.05.2021 Saturday
8 – 9 am	PY6.3 Oxygen transport	AN 25.2 Development of pleura & Lungs	PY6.3 Carbon dioxide Transport	BI 6.7-6.8 Acids, bases, buffers, pH, Henderson-Hasselbach equation, Body Buffers, Respiratory Regulation of pH	PY 6.6 Hypoxia Integration & Applied aspect	AN 25.2 Development of heart
9 – 10 am	AN52.1 General plan GIT & Esophagus	PY6.3 Oxygen transport	AN 24.2-24.5 Lungs Integration	AN 24.6 Trachea	PY Tutorilas	BI 6.7- 6.8 Acid base disorders –Respiratory acidosis & alkalosis
10 – 11 am	PY tutorials	AN 24.2-24.5 Lungs	PY 6.3 Regulation of respiration	PY 6.3 Regulation of respiration		CM 9.1: Demography, demographic cycle, vital statistics
11 – 1 pm	Dissection of pleura	Dissection of lungs	Dissection of lungs	Dissection of lungs SDL	Dissection of Trachea	BI Tutorials Case reports related to Respiratory acidosis & alkalosis
2 pm – 4 pm DOAP	Histology: AN 52.1 General plan GIT & Esophagus				AETCOM 2.1 Professional qualities and roles of a physician	Sports/ Extracurricular activities
	Physiology: PY6.8 & 5.12 Stethography and BP					
	Biochemistry: Analysis of Abnormal Urine(Demo) OSPE- Heat Coagulation test & Urine Dipstix for Protein					

Week 17

Time	Day 89 24.05.2021 Monday	Day 90 25.05.2021 Tuesday	Day 91 26.05.2021 Wednesday	Day 92 27.05.2021 Thursday	Day 93 28.05.2021 Friday	Day 94 29.05.2021 Saturday
8 – 9 am	AN22.11 Middle mediastinum & Pericardium	PY8.6 Mechanism of action of hormones	BI 11.17 RIA, ELISA CLIA (Hormonal assay)	PY8.2 Hypothalamo hypophyseal tract	BI 4.5 De Novo Synthesis of fatty acids	PY8.2 Pituitary gland
9 – 10 am	PY6.4,6.5 High altitude physiology Deep sea diving Integration	AN22.2 Heart- Features	PY8.6 Mechanism of action of hormones	AN22.3-22.7 Heart- blood & nerve supply Integration	PY tutorials	AN 25.2 Development of heart
10 – 11 am	PY 6.5 Artificial respiration Integration	AN 25.2 Development of heart	PY tutorials	BI 4.5 Beta oxidation of fatty acids Oxidation of fatty acids – alpha and omega along with disorders		CM 9.2: Population explosion and population dynamics in India
11 – 1 pm	Dissection of pericardium	Dissection of heart	Dissection of heart	Dissection of heart	Dissection of heart SDL	BI Tutorials Isoenzymes- Diagnostic & Therapeutic enzymes-Case based discussion
2 pm – 4 pm DOAP	AN25.9 Surface projection of thorax				PY Tutorials	AN SDL
	Physiology 6.8 & 5.12: spirometry and recording of BP					
	Biochemistry: BI 11. 2: Preparation of Buffers & estimation of pH					

Week 18

Time	Day 95 31.05.2021 Monday	Day 96 01.06.2021 Tuesday	Day 97 02.06.2021 Wednesday	Day 98 03.06.2021 Thursday	Day 99 04.06.2021 Friday	Day 100 05.06.2021 Saturday
8 – 9 am	AN 25.2 Development of heart Integration	PY8.2 Pituitary gland	AN44.1-44.3, 44.6, Anterior abdominal wall Integration	PY8.2 Pituitary gland	BI 4.4 Cholesterol – Synthesis & breakdown Formation and utilization of ketone bodies and ketosis	AN44.4,44.5 Inguinal canal Integration
9 – 10 am	AN23.1-23.7 Posterior mediastinum	BI 4.5 Phospholipids and triglycerides – formation & breakdown, Lipid Storage Disorders	AN52.4 Development of Ant. abdominal wall	BI tutorials	AN 52.6 Development of GIT	ECE Physiology: COPD
10 – 11 am	CM 9.5: Introduction to methods of population control	PY Tutorials	PY8.2 Pituitary gland		PY4.1 Organisation of GIT	
11 – 1 pm	Dissection of Posterior mediastinum	Dissection of Posterior mediastinum	AN25.7, 25.8 Radiology of Thorax	AN44.7 Abdominal incisions	AN44.1 Dissection of Anterior abdominal wall	
2 pm – 4 pm DOAP	Histology: AN Tutorials				BI tutorials PBL on IBS, Gastric ulcer, Gall stones, Pancreatitis	PY SDL
	Physiology: PY 6.9 & 6.8: RS Examination & Spirometry					
	Biochemistry: BI 11.10 Estimation of Triglycerides					

Week 19

Time	Day 101 07.06.2021 Monday	Day 102 08.06.2021 Tuesday	Day 103 09.06.2021 Wednesday	Day 104 10.06.2021 Thursday	Day 105 11.06.2021 Friday	Day 106 12.06.2021 Saturday
8 – 9 am	AN52.1, 52.3 Histology of Stomach	AN47.1-47.4 Peritoneum	PY4.3 Mastication & Deglutition	BI 4.6 Prostaglandins and inhibitors of Eicosonoid synthesis	AN47.5 Stomach Integration	PY4.2,4.3 Stomach Integration
9 – 10 am	PY4.2 Saliva	BI 4.3 Lipoproteins and Atherosclerosis and Metabolism in adipose tissue, fatty liver & lipotropic factors Integration	CM 1.7: Calculation and interpretation of various health indicators in given scenarios	AN47.1-47.4 Peritoneum Integration	PY4.2,4.3 Stomach	ECE Anatomy: Coronary artery
10 – 11 am	PY SDL	PY tutorials		AN 52.6 Development of GIT	CM 9.6 National Population policy and sources of health information (vital statistics)	
11 – 1 pm	AN44.3 Dissection of ant abd wall	Dissection of Inguinal canal	Dissection of Inguinal canal	Dissection of Peritoneum	Dissection of Peritoneum	
2 pm – 4 pm DOAP	AN 52.1-52.3 Stomach				BI Tutorials Case reports related to Dyslipidemia	BI SDL
	Physiology 5.12 & 6.9:RS examination and Effect of posture and exercise on BP					
	Biochemistry: BI 11.9 Estimation of HDL Cholesterol					

Week 20

Time	Day 107 14.06.2021 Monday	Day 108 15.06.2021 Tuesday	Day 109 16.06.2021 Wednesday	Day 110 17.06.2021 Thursday	Day 111 18.06.2021 Friday	Day 112 19.06.2021 Saturday
8 – 9 am	BI 5.4 Laboratory results of analytes associated with lipid metabolism BI 4.7	BI 3.9 Regulation of blood glucose & its clinical significance	PY4.2 Pancreas	AN52.1 Histology of Liver	PY4.7 Liver Integration	BI 3.10 Diabetes mellitus - laboratory diagnosis and GTT
9 – 10 am	PY SDL	PY Tutorials	AN47.5 Liver	PY4.7 Liver	CM: 9.1 Calculation and interpretation of various health indicators in given scenarios	ECE Physiology: Acid peptic disease
10 – 11 am	CM: 5.1 Introduction to nutrition, common source of nutrients and foods	AN47.5 Pancreas & Spleen	PY8.2 Endocrine Pancreas	PY8.2 Endocrine Pancreas		
11 – 1 pm	Dissection of stomach & Celiac trunk	Dissection of stomach & Celiac trunk	Dissection of Pancreas	Dissection of spleen	Dissection of Liver	
2 pm – 4 pm DOAP	AN Seminar				BI tutorials	Sports/ Extracurricular activities
	Physiology: PY 5.12 Effect of posture and exercise on BP, Skill certification					
	Biochemistry: BI 11.9-11.10 Estimation of Triglycerides/HDL Cholesterol					

Week 21

Time	Day 113 21.06.2021 Monday	Day 114 22.06.2021 Tuesday	Day 115 23.06.2021 Wednesday	Day 116 24.06.2021 Thursday	Day 117 25.06.2021 Friday	Day 118 26.06.2021 Saturday
8 – 9 am	AN47.5, 47.8, 47.10, 47.11 Gall bladder, Portal vein	AN47.5 Small intestine	PY 4.5 Large intestine	AN52.1 Histology of Small intestine	BI 5.3 Digestion and absorption of proteins PY4.4 Integration	BI 4.2 Digestion and absorption of lipids PY4.4 Integration
9 – 10 am	BI 7.5 Detoxification	PY4.3 Small intestine	AN47.5 Colon, Caecum & Appendix Integration	PY4.3, GI Hormones	PY Tutorials	ECE Anatomy: X ray, CT & MRI of thorax
10 – 11 am	CM 14.1 Define, list source, classify hospital waste and describe health hazards of HW	AN 52.6 Development of GIT	BI 3.2-3.3 Digestion and absorption of Carbohydrates PY4.4 Integration	AN 52.6 Development of GIT		
11 – 1 pm	Dissection of Liver	Dissection of Small intestine	Dissection of Small intestine	Dissection of Large intestine	Dissection of Large intestine	
2 pm – 4 pm DOAP	Histology: AN 52.1 Liver				BI SDL	Sports/ Extracurricular activities
	Physiology: PY 5.12 Skill certification and cardiac simulation					
	Biochemistry: BI 11.8 Estimation of Total Protein, albumin & A:G ratio					

Week 22

Time	Day 119 28.06.2021 Monday	Day 120 29.06.2021 Tuesday	Day 121 30.06.2021 Wednesday	Day 122 01.07.2021 Thursday	Day 123 02.07.2021 Friday	Day 124 03.07.2021 Saturday
8 – 9 am	BI Radioisotopes	BI 5.4 Common disorders associated with protein metabolism	AN52.7 Development of Urinary system	AN52.2 Histology of Kidney	AN47.5 Suprarenal gland	PY7.3,7.4 GFR
9 – 10 am	AN47.5 Kidney	AN47.5 Ureter Integration	PY Tutorials	PY7.2 JG Apparatus	PY Tutorials	ECE Biochemistry: Diabetes Mellitus
10 – 11 am	PY7.1 Non excretory function of kidney Integration	CM 14.2 Methods of Hospital waste management		AN47.12-47.14 Diaphragm & post. abd. wall		
11 – 1 pm	Dissection of Kidney	Dissection of kidney & Ureter	Dissection of kidney & Ureter	Dissection of Suprarenal Gland	Dissection of Diaphragm & post. Abd. wall	
2 pm – 4 pm DOAP	Histology: AN 52.1 Small intestine				BI Tutorials Case reports on jaundice	AN SDL
	Physiology: PY 5.15:CVS Examination and cardiac simulation					
	Biochemistry: BI 11.12 Estimation of Serum Bilirubin					

Week 23

Time	Day 125 05.07.2021 Monday	Day 126 06.07.2021 Tuesday	Day 127 07.07.2021 Wednesday	Day 128 08.07.2021 Thursday	Day 129 09.07.2021 Friday	Day 130 10.07.2021 Saturday
8 – 9 am	BI 5.5 Laboratory results of analyse associated with metabolism of protein	PY7.3 Renal handling of sodium, Glucose, water Integration	BI 5.4 Formation of Ammonia & Urea	PY7.3 Counter current mechanism	AN48.2 Testis & Spermatic cord Integration	AN52.1 Histology of Colon & Appendix
9 – 10 am	PY7.3 GFR	AN48.2,48.6 Urinary bladder Integration	PY7.3 Renal handling Potassium, calcium, magnesium	BI 5.4 Formation of Ammonia Integration	PY Tutorials	ECE Biochemistry: Laboratory results associated with metabolism of lipids & Case reports related to lipid storage disorders
10 – 11 am	AN52.7 Development of Urinary system	BI 6.7 Water and electrolyte balance of body fluids & associated derangements	AN48.2 Urethra	PY7.3 Regulation of ECF volume Integration		
11 – 1 pm	Dissection of Diaphragm & post. Abd. wall	Dissection of Urinary bladder	Dissection of Urinary bladder & Urethra	Dissection of Urinary bladder & Urethra - SDL		
2 pm – 4 pm DOAP	Histology: AN 52.2 Kidney				AETCOM 2.2 Empathy in patient encounters	PY SDL
	Physiology: PY 5.15, 5.13 CVS Examination & ECG					
	Batch D Biochemistry: BI 11.7, 11.17 Estimation of Urinary Creatinine, Estimated GFR, Creatinine clearance					

Week 24

Time	Day 131 12.07.2021 Monday	Day 132 13.07.2021 Tuesday	Day 133 14.07.2021 Wednesday	Day 134 15.07.2021 Thursday	Day 135 16.07.2021 Friday	Day 136 17.07.2021 Saturday
8 – 9 am	PY7.5 Acid base balance Integration	AN48.2, 48.5,48.7 Prostate & Seminal vesicle Integration	BI 6.5 Vitamin A- RDA, dietary source, Role in health & disease, Cutaneous manifestations	BI 6.5 Vitamin E and K- RDA, dietary source, Role in health & disease	AN52.2 Histology of Urinary bladder& Ureter	AN52.7 Development of Urinary system
9 – 10 am	AN52.7 Development of Urinary system	BI 6.7-6.8 Renal regulation of pH, Metabolic acidosis & alkalosis, anion gap and its importance CBL	AN48.2,48.5 Uterus Integration	CM 9.2 Calculation and interpretation of fertility indicators	BI 6.13-6.15 Renal Function Tests CBL	AETCOM 3.1 Professional qualities and roles of a physician
10 – 11 am	PY7.6, 7.9 Micturition	PY7.7,7.8 RFT & Artificial kidney Integration	CM 13.1 Disaster management: Concept and cycle	BI 3.4 Glycolysis , Gluconeogenesis, Glycogen, HMP Shunt Pathway		
11 – 1 pm	Dissection of testis & spermatic cord	Dissection of Prostate & & Seminal vesicle	Dissection of Prostate & & Seminal vesicle	Dissection of uterus	Dissection of uterus	
2 pm – 4 pm DOAP	Histology: AN 52.1 Colon Appendix				BI Tutorials case reports on Formation of ammonia & Urea	
	Physiology: PY4.10 Abdominal Examination, Skill certification					
	Biochemistry: BI 11.16 Ion Selective electrode & ABG analysis					

Time	Day 137 19.07.2021 Monday	Day 138 20.07.2021 Tuesday	21.07.2021 Wednesday	Day 139 22.07.2021 Thursday	Day 140 23.07.2021 Friday	Day 141 24.07.2021 Saturday
8 – 9 am	AN48.2,48.5 Ovary & Uterine tube	PY8.2 Thyroid gland		PY8.2 Thyroid gland	CM 13.3, CM 13.4 Manmade disasters and Disaster control authority	AN52.1 Histology of Gall bladder & pancreas
9 – 10 am	PY8.2 Thyroid gland	PY SDL		BI 6.9-6.10 Iodine , Fluorine-Functions, Metabolism, homeostasis	PY Tutorials	ECE Biochemistry: Acid base balance
10 – 11 am	AN48.2 Anal canal Integration			AN48.2 Rectum Integration		
11 – 1 pm	Dissection of Ovary & Uterine tube	Dissection of Ovary & Uterine tube		Unit test	Dissection of Anal canal & Rectum	
2 pm – 4 pm DOAP	Histology: AN 52.2 Urinary bladder & Ureter					
	Physiology: skill certification					
	Batch D Biochemistry BI11.7& 11.21 Estimation Of serum Urea and Creatinine					

Week 26

Time	Day 142 26.07.2021 Monday	Day 143 27.07.2021 Tuesday	Day 144 28.07.2021 Wednesday	Day 145 29.07.2021 Thursday	Day 146 30.07.2021 Friday	Day 147 31.07.2021 Saturday
8 – 9 am	AN49.1-49.3 Perineal pouches Integration	AN49.4,49.5 Ischiorectal fossa Integration	PY8.2 Parathyroid gland Integration	BI 6.9-6.10 Calcium phosphate metabolism	PY8.2 Adrenal gland	BI 6.5 Vitamin D Integration
9 – 10 am	PY8.1 Calcium homeostasis	PY tutorials	PY SDL	BI tutorials	PY tutorials	ECE Physiology: Glomerulopathies
10 – 11 am	CM 1.8: Demographic profile of India and its impact on health		BI 6.13-6.15 Thyroid function test PBL			
11 – 1 pm	Dissection of Perineal pouches	Dissection of Perineal pouches	Dissection of Ischiorectal fossa	Dissection of Ischiorectal fossa	ECE Anatomy: Pelvic floor	
2 pm – 4 pm DOAP	Histology: AN 52.1 Gall bladder & pancreas				AETCOM 3.2 Empathy in patient encounters	
	Physiology: PY 5.13 ECG					
	Biochemistry: BI 11.11 Estimation of Calcium					

Week 27

Time	Day 148 02.08.2021 Monday	Day 149 03.08.2021 Tuesday	Day 150 04.08.2021 Wednesday	Day 151 05.08.2021 Thursday	Day 152 06.08.2021 Friday	Day 153 07.08.2021 Saturday
8 – 9 am	AN45.1-45.3 Posterior abdominal wall	PY8.2 Adrenal gland	BI 3.6 Concept of TCA Cycle as amphibolic pathway & its regulation Integration	PY 8.2 Local hormone	BI 3.7 Common poisons inhibit crucial enzymes of carbohydrate metabolism	AN Revision
9 – 10 am	BI 3.5 ,3.8 Regulation & integration of Carbohydrate metabolism along with associated diseases, laboratory results of analytes associated with metabolism of carbohydrates	BI 6.13-6.15 Adrenal Function tests & Disorders of Parathroid gland PBL	AN 52.7 Development of Urinary system	CM: 9.2 Calculation and Interpretation of fertility indicators	PY Tutorials	BI Tutorials PBL on fructose intolerance, Pyruvate Kinase deficiency galactosemia, TCA cycle
10 – 11 am	PY8.2 Adrenal gland	PY SDL	BI Tutorials			
11 – 1 pm	Dissection of Post abdominal wall	AN 54.1-54.3 Radiology of Abdomen	AN 54.1-54.3 Radiology of Abdomen	Surface projections of abdomen SDL	Surface projections of abdomen SDL	
2 pm – 4 pm DOAP	AN Revision histology				BI Tutorials Case reports on Hypocalcemia & Parathyroid metabolism	Sports
	PY Revision Examination of CVS & RS					
	Biochemistry: BI 11.11 Estimation of Inorganic Phosphorous					

2nd Internal assessment Time table

Theory	Anatomy	Physiology	Biochemistry
Dates	09.08.2021	11.08.2021	13.08.2021

Practical	14.08.2021	16.08.2021	17.08.2021	18.08.2021	19.08.2021	21.08.2021
Anatomy	Batch A	Batch B	Batch C	Batch D	Batch E	Batch F
Physiology	Batch C	Batch D	Batch E	Batch F	Batch A	Batch B
Biochemistry	Batch E	Batch F	Batch A	Batch B	Batch C	Batch D

Note: Feedback will be given following the practical exams in respective departments

Phase I - Block III

Nervous system, special senses, Reproductive system, general metabolism, Intermediatory metabolism, Genetics, Molecular biology, Applied biochemistry, Cancer biochemistry, Isotopes

IAE: Tentatively 4th week of July & 1st week of August

Early Clinical Exposure

Clinical skills: 3 hrs of 4 sessions

Topic will be finalised after discussing with Integration committee & Curriculum committee

AETCOM

Module 3	The doctor patient relationship	<ul style="list-style-type: none">• Enumerate and describe professional qualities and roles of a physician• Demonstrate empathy in patient encounters
Module 4	The foundations of communication 1	<ul style="list-style-type: none">• Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non- judgemental and empathetic manner

Week 30

Time	Day 154 23.08.2021 Monday	Day 155 24.08.2021 Tuesday	Day 156 25.08.2021 Wednesday	Day 157 26.08.2021 Thursday	Day 158 27.08.2021 Friday	Day 159 28.08.2021 Saturday
8 – 9 am	AN52.2 Histology of Testis & Epididymus	PY9.3 Male reproductive system	AN43.4 Pharyngeal arches	PY9.3 Male reproductive system	BI 6.1 Metabolic processes that takes place in specific organs in fasting & fed states	AN28.3,28.4, 28.7,28.8 Face- vessels & Nerve
9 – 10 am	PY9.2 Puberty	AN27.1,27.2 Scalp Integration	CM 9.1 Calculation and interpretation of vital statistics in given scenarios	AN28.1, 28.2 Face- Muscles & Sensory innervation	PY Tutorials	ECE
10 – 11 am	PY9.3 Male reproductive system	BI 3.10 Interpret the results of blood glucose level & other laboratory investigation related to disorders of Carbohydrate metabolism		PY Tutorials		
11 – 1 pm	AN26.1 Osteology, Introduction to Head & Neck	AN26.2 Skull norma	Dissection of Scalp	Dissection of Scalp	Dissection of Face	
2 pm – 4 pm DOAP	Histology: An 52.1 Testis & Epididymus				AETCOM 3.1 Professional qualities and roles of a physician	Sports/ Extracurricular activities
	Physiology: PY 10.11 Examination of Sensory system & Motor system					
	Biochemistry: BI 11.4 Analysis of Abnormal Urine					

Week 31

Time	Day 160 30.08.2021 Monday	Day 161 31.08.2021 Tuesday	Day 162 01.09.2021 Wednesday	Day 163 02.09.2021 Thursday	Day 164 03.09.2021 Friday	Day 165 04.09.2021 Saturday
8 – 9 am	PY9.4 Female reproductive system	AN43.4 Pouches & Cleft	PY9.4 Female reproductive system Integration	AN29.1,29.3,29.4,35.1 Posterior triangle- Muscles, Deep fascia	BI 8.4 Nutritional importance of commonly used food items	AN52.5 Histology of Prostate & Vas deferens
9 – 10 am	AN52.2 Histology of Ovary	PY9.3,9.9 PBL	PY Tutorials	BI 11.16 Quality control	AN29.1a Posterior triangle-boundaries & Contents	ECE
10 – 11 am	BI 8.1 Importance of various dietary componenets, calorific value, BMR, SDA, RQ & its application	AN28.9,28.10 Parotid gland Integration		BI 8.2 Types & causes of PEM	PY9.4 Female reproductive system	
11 – 1 pm	Dissection of Face	Dissection of Parotid region	Dissection of Parotid region	Dissection of Post Triangle	Dissection of Post Triangle	
2 pm – 4 pm DOAP	Histology: AN 52.1 Ovary				BI Tutorials Case reports on PEM & obesity	PY SDL
	Physiology: PY 10.11 Examination of motor system & EEG, EP					
	Biochemistry: BI 11.17 OSPE –Dipstick test for Proteinuria, Determination of Albumin in Urine & test for Bence Jones Proteinuria					

Week 32

Time	Day 166 06.09.2021 Monday	Day 167 07.09.2021 Tuesday	Day 168 08.09.2021 Wednesday	Day 169 09.09.2021 Thursday	10.09.2021 Friday	Day 170 11.09.2021 Saturday
8 – 9 am	BI 8.4 Causes effects & health risk associated with obesity	AN32.1, 32.2, 35.1-10 Anterior triangle I (Including deep structures & Thyroid gland)	PY9.8 Physiological changes of pregnancy, Parturition & lactation Integration	PY9.8,9.10 Pregnancy psychological disorders Integration& alignment		AN43.2 Histology of thyroid gland
9 – 10 am	PY9.8 Placental hormones	PY Tutorials	AN32.1, 32.2, 35.1-6, 8-10 Anterior triangle II	AN32.1, 32.2, 35.1-10 Anterior triangle III Integration		ECE
10 – 11 am	AN43.4 Development of thyroid gland & tongue		BI 8.3 Dietary advice for optimal health in childhood & adults in DM, CAD & pregnancy	AN Tutorials		
11 – 1 pm	Dissection of Post Triangle	Dissection of Post Triangle SDL	Mandible Dissection of Anterior triangle	Dissection of Anterior triangle		
2 pm – 4 pm DOAP	Histology: AN 52.5 Prostate & Vas deferens					PY SDL
	Physiology: PY10.11 Examination of Reflexes, Cerebellar function tests					
	Biochemistry: BI 11.5 Screening for Inborn errors of Carbohydrate Metabolism Chromatography					

Week 33

Time	Day 171 13.09.2021 Monday	Day 172 14.09.2021 Tuesday	Day 173 15.09.2021 Wednesday	Day 174 16.09.2021 Thursday	Day 175 17.09.2021 Friday	Day 176 18.09.2021 Saturday
8 – 9 am	AN43.4 Development of Face & palate	PY10.2 Synapse	BI10.2 Biochemical Tumor markers, Biochemical basis of Cancer therapy Integration	AN30.3,30.4,56.1 Dural folds & Sinuses	PY10.2 Synapse	AN52.5 Histology of Uterus & fallopian tube
9 – 10 am	PY9.12 Contraception Integration& alignment	AN41.1-41.3 Back of neck &suboccipital region	PY Tutorials	PY10.2 Synapse	AN30.4,30.5 Cavernous sinus & Pituitary gland Integration	ECE
10 – 11 am	PY10.1 Organisation of nervous system	CM 9.3: Declining sex ratio and its consequences: Poster making		AN43.4 Development of Face & palate Integration	PY10.2 Somatosensory system - Receptor	
11 – 1 pm	Dissection of thyroid gland	Dissection of thyroid gland SDL	Dissection of back of neck & Suboccipital region	Dissection of back of neck & Suboccipital region	Unit test	
2 pm – 4 pm DOAP	Histology: AN 43.2 Thyroid gland				AETCOM 3.2 Empathy in patient encounters	BI SDL
	Physiology: PY 10.11, 10.20 Reflexes, Examination of cranial nerve					
	Biochemistry: : BI 11.5 Screening for Inborn errors of Protein Metabolism & Chromatography					

Week 34

Time	Day 177 20.09.2021 Monday	Day 178 21.09.2021 Tuesday	Day 179 22.09.2021 Wednesday	Day 180 23.09.2021 Thursday	Day 181 24.09.2021 Friday	Day 182 25.09.2021 Saturday
8 – 9 am	AN64.2 Development of CNS	PY10.2 Receptor	AN 50.1- 50.4 Vertebral column AN57.1-57.5 Spinal cord Integration	PY10.3 Pain sensation Integration	BI 10.1 Cancer initiation, promotion Oncogenes, oncogene activation, P53, apoptosis	AN58.1-58.4 Medulla Integration
9 – 10 am	PY Tutorials	CM 5.1 Common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	PY10.3 Sensory tracts	AN62.7 Introduction & blood supply of brain	AN57.1-57.5 Spinal cord AN64.1 Histology of spinal cord	ECE
10 – 11 am			PY10.3 Sensory tracts Somatic sensation	PY PBL	PY tutorials	
11 – 1 pm	Interior of cranium	Dissection of Cavernous sinus	Dissection of spinal cord	Base of brain & Blood supply of brain	Base of brain & Blood supply of brain	
2 pm – 4 pm DOAP	Histology: AN 52.5 Uterus & fallopian tube				AETCOM 4 Communication-1	Sports/ Extracurricular activities
	Physiology: PY 10.20 Examination of cranial nerve					
	Biochemistry: BI 11.15 CSF analysis and related case reports					

Week 35

Time	Day 183 27.09.2021 Monday	Day 184 28.09.2021 Tuesday	Day 185 29.09.2021 Wednesday	Day 186 30.09.2021 Thursday	Day 187 01.10.2021 Friday	02.10.2021 Saturday
8 – 9 am	AN64.2 Development of CNS	PY10.2 Reflex	AN61.1-61.3 Midbrain Integration	AN62.5 Thalamus & hypothalamus	PY10.4 Motor tract Integration	
9 – 10 am	PY Tutorials	AN59.1-59.3 Pons Integration	PY10.2 Reflex	PY10.4 Motor tract	CM 13.2 Disaster management and Triage: PBL	
10 – 11 am		BI 7.1 Nucleic acids – DNA &RNA structure, types and functions	PY Tutorials	PY10.7 Thalamus		
11 – 1 pm	Dissection of Medulla	Dissection of Pons	Dissection of Midbrain	Thalamus & Hypothalamus	Thalamus & Hypothalamus	
2 pm – 4 pm DOAP	Histology: Seminar				AETCOM 4 Communication-1	
	Physiology: PY 10.20 Examination of Cranial nerve, Skill certification					
	Biochemistry: : BI 11.16 ELISA, ImmunoDiffusion					

Week 36

Time	Day 188 04.10.2021 Monday	Day 189 05.10.2021 Tuesday	06.10.2021 Wednesday	Day 190 07.10.2021 Thursday	Day 191 08.10.2021 Friday	Day 192 09.10.2021 Saturday
8 – 9 am	AN60.1-60.3 Cerebellum	PY10.7 Cerebellum		PY10.7 Basal Ganglia Integration	BI 6.2 Discuss the metabolic processes in which nucleotides are involved	AN62.1,62.2 Cerebrum Integration
9 – 10 am	PY10.6 Transaction of spinal cord Integration	AN62.4 Basal ganglia & limbic system		AN62.1,62.2 Cerebrum	PY10.7 Cerebellum Integration	ECE
10 – 11 am	AN64.1 Histology of cerebellum	PY10.7 Basal Ganglia		PY10.7 Hypothalamus	PY Tutorials	
11 – 1 pm	Dissection of Cerebellum	Basal ganglia & Limbic system		Basal ganglia & Limbic system	Dissection of cerebrum	
2 pm – 4 pm DOAP	Histology: AN 64.1 Cerebellum & AN 64.1 Spinal cord					
	Physiology: PY 10.11 Perimetry, Skill certification					
	Biochemistry: Estimation of Uric acid & related case reports					

Week 37

Time	Day 193 11.10.2021 Monday	Day 194 12.10.2021 Tuesday	Day 195 13.10.2021 Wednesday	14.10.2021 Thursday	15.10.2021 Friday	Day 196 16.10.2021 Saturday
8 – 9 am	AN64.1 Histology of cerebrum	AN62.3 White matter Integration	PY10.4 Posture			BI 6.3 Disorders associated with Nucleotide metabolism, Laboratory results of analytes associated with Gout & Lesch Nyhan syndrome
9 – 10 am	PY10.7 Cerebral cortex	CM:Common source of nutrients: exhibition and demonstration	AN63.1,63.2 Ventricles Integration			ECE
10 – 11 am	PY10.7 Limbic system Integration	PY10.4 Vestibular apparatus Integration	PY10.7 CSF Integration			
11 – 1 pm	Dissection of cerebrum	Dissection of white matter	Dissection of white matter			
2 pm – 4 pm DOAP	Histology: AN64.1Cerebrum					Sports/ Extracurricular activities
	Physiology: PY10.11, perimetry and skill certification					
	Biochemistry: BI 11.16 Isolation of DNA					

Week 38

Time	Day 197 18.10.2021 Monday	Day 198 19.10.2021 Tuesday	20.10.2021 Wednesday	Day 199 21.10.2021 Thursday	Day 200 22.10.2021 Friday	Day 201 23.10.2021 Saturday
8 – 9 am	AN43.4 Development of Eye	PY10.5,10.8 EEG, sleep		BI 7.2 Genetics- DNA Replication & DNA repair	AN43.2 Histology of cornea & Retina	PY10.17 Vision
9 – 10 am	PY10.4 Posture Integration	AN75.1,75.2 Genetics		PY10.9 Speech Integration	AN31.1-31.4, 31.5, 41.1 Orbit II Integration	ECE
10 – 11 am	AN43.2 Histology of pituitary gland	PY10.9 Learning & Memory Integration		AN31.1-31.4, 31.5, 41.1 Orbit I	PY10.5 Autonomic Nervous system	
11 – 1 pm	Dissection of Ventricles	UNIT Test		Dissection of orbit	Dissection of orbit SDL	
2 pm – 4 pm DOAP	Histology: AN 43.2 Pituitary gland					
	Physiology: PY 10.20 Skill certification					
	Biochemistry: BI 7.4 Demonstration of PCR technique					

Week 39

Time	Day 202 25.10.2021 Monday	Day 203 26.10.2021 Tuesday	Day 204 27.10.2021 Wednesday	Day 205 28.10.2021 Thursday	Day 206 29.10.2021 Friday	Day 207 30.10.2021 Saturday
8 – 9 am	AN34.1,34.2 Submandibular gland Integration	PY10.17 Physiology of image formation	PY10.17 Photochemistry of vision Visual acuity Integration	PY 10.17 Vision SDL	BI 7.3 Gene mutation & Regulation of gene expression in eukaryotes	AN33.3,33.4 TMJ Integration
9 – 10 am	PY Tutorials	BI 7.2 Eukaryotic transcription and post transcriptional modifications & Translation and post translational modifications	PY10.18 Visual pathway	CM 14.2 Biomedical waste management methods: Video demonstration and discussion	PY10.17 Color vision Integration	ECE
10 – 11 am		CM:Disaster Management: Picture collection and exhibition	AN33.1,33.2 Temporal & Infratemporal		AN52.1 Histology of suprarenal	
11 – 1 pm	Dissection of orbit	Dissection of Submandibular region	Dissection of Submandibular region	Dissection of Temporal & Infratemporal	Dissection of Temporal & Infratemporal	
2 pm – 4 pm DOAP	Histology: AN 43.2 Cornea & Retina				BI Tutorials PBL	PY SDL
	Physiology;PY Revision					
	Biochemistry: BI 7.4 Development of PCR product by Agarose					

gel electrophoresis

Week 40

Time	01.11.2021 Monday	Day 208 02.11.2021 Tuesday	03.11.2021 Wednesday	Day 209 04.11.2021 Thursday	05.11.2021 Friday	Day 210 06.11.2021 Saturday
8 – 9 am		BI 7.4 Genetics- Recombinant DNA technology, gene therapy		AN37.2,37.3 Paranasal air sinuses Integration& Alignment		AN39.1,39.2 Tongue Integration
9 – 10 am		AN37.1-37.3 Nasal cavity Integration		BI 7.4 Genetics- PCR in diagnosis of Disease		ECE
10 – 11 am		PY10.13,10.14 Olfaction Integration		PY SDL		
11 – 1 pm		Dissection of Nasal cavity & sinuses		Dissection of Nasal cavity & sinuses		
2 pm – 4 pm DOAP	Histology: AN 52.1 Suprarenal gland					
	Physiology: PY Revision					
	Biochemistry: BI 11.16 TLC,PAGE					

Week 41

Time	Day 211 08.11.2021 Monday	Day 212 09.11.2021 Tuesday	Day 213 10.11.2021 Wednesday	Day 214 11.11.2021 Thursday	Day 215 12.11.2021 Friday	Day 216 13.11.2021 Saturday
8 – 9 am	AN43.2 Histology of tongue	PY11.1-11.3 Skin & body temperature	AN36.1, 36.3,36.4 Pharynx	AN40.2 Middle ear Integration& Alignment	BI 11.1 biomedical waste management	PY10.15 AN40.3 Inner ear
9 – 10 am	PY10.13,10.14 Gustation Integration	PY11.1 PBL	BI 7.4 Genetics- DNA Sequencing and its applications	PY10.15 Role of external & middle ear	AN75.3,75.4 Genetics	ECE
10 – 11 am	CM 14.3 Guided discussion: Laws related to biomedical waste management	AN36.1,36.2 Tonsil, soft palate Integration	AN40.1,40.2 External ear & Auditory tube	AN38.1-38.3 Larynx	PY11.1-11.3 Regulation of body temperature	
11 – 1 pm	Dissection of tongue	Dissection of Pharynx, Tonsil & palate	Dissection of Pharynx, Tonsil & palate	Dissection of larynx	Dissection of larynx	
2 pm – 4 pm DOAP	Histology: AN43.2 Tongue				BI Tutorials FISH & related case reports	AN SDL
	Physiology: PY Revision					
	Biochemistry; Western Blotting technique					

Week 42

Time	Day 217 15.11.2021 Monday	Day 218 16.11.2021 Tuesday	Day 219 17.11.2021 Wednesday	Day 220 18.11.2021 Thursday	Day 221 19.11.2021 Friday	Day 222 20.11.2021 Saturday
9 – 10 am	AN38.1-38.3 Larynx Integration	AN75.5 Genetic counselling	BI Tutorials	PY SDL	BI 11.16,11.19 Lab Automation	ECE
10 – 11 am	PY10.15 Mechanism of hearing	AN 43.7 Radiology of Head & Neck				
11 – 1 pm	AN43.7 Radiology of Head & Neck	AN 43.6, 43.7 Surface projection & radiology of Head & Neck				
2 pm – 4 pm DOAP	Histology: Revision				BI Tutorials SDL	Sports/ Extracurricular activities
	Physiology: PY Revision					
	Biochemistry: Revision					

3rd Internal assessment Time table

Theory	Anatomy	Physiology	Biochemistry
Dates	23.11.2021	25.11.2021	27.11.2021

Practical	29.11.2021	30.11.2021	01.12.2021	02.12.2021	03.12.2021	04.12.2021
Anatomy	Batch A	Batch B	Batch C	Batch D	Batch E	Batch F
Physiology	Batch C	Batch D	Batch E	Batch F	Batch A	Batch B
Biochemistry	Batch E	Batch F	Batch A	Batch B	Batch C	Batch D

Note: Feedback will be given following the practical exams in respective departments

JSS MEDICAL COLLEGE
(Constituent College)
JSS Academy of Higher Education & Research
(Deemed to be University)
Accredited 'A+' Grade by NAAC



Phase I - Block III

Nervous system, special senses, Reproductive system, general metabolism, Intermediatory metabolism, Genetics, Molecular biology, Applied biochemistry, Cancer biochemistry, Isotopes

IAE: Tentatively 4th week of July & 1st week of August

Early Clinical Exposure

Clinical skills: 3 hrs of 4 sessions

Topic will be finalised after discussing with Integration committee & Curriculum committee

AETCOM

Module 3	The doctor patient relationship	<ul style="list-style-type: none">• Enumerate and describe professional qualities and roles of a physician• Demonstrate empathy in patient encounters
Module 4	The foundations of communication 1	<ul style="list-style-type: none">• Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non-judgemental and empathetic manner

Week 30

Time	Day 154 23.08.2021 Monday	Day 155 24.08.2021 Tuesday	Day 156 25.08.2021 Wednesday	Day 157 26.08.2021 Thursday	Day 158 27.08.2021 Friday	Day 159 28.08.2021 Saturday
8 – 9 am	AN52.2 Histology of Testis & Epididymus	PY9.3 Male reproductive system	AN43.4 Pharyngeal arches	PY9.3 Male reproductive system	BI 6.1 Metabolic processes that takes place in specific organs in fasting & fed states	AN28.3,28.4, 28.7,28.8 Face- vessels & Nerve
9 – 10 am	PY9.2 Puberty	AN27.1,27.2 Scalp Integration	CM 9.1 Calculation and interpretation of vital statistics in given scenarios	AN28.1, 28.2 Face- Muscles & Sensory innervation	PY Tutorials	ECE F.1: Pandemic, Epidemics & Outbreaks
10 – 11 am	PY9.3 Male reproductive system	BI 3.10 Interpret the results of blood glucose level & other laboratory investigation related to disorders of Carbohydrate metabolism		PY Tutorials		
11 – 1 pm	AN26.1 Osteology, Introduction to Head & Neck	AN26.2 Skull norma	Dissection of Scalp	Dissection of Scalp	Dissection of Face	
2 pm – 4 pm DOAP	Histology: An 52.1 Testis & Epididymus				AETCOM 3.1 Professional qualities and roles of a physician	Sports/ Extracurricular activities
	Physiology: PY 10.11 Examination of Sensory system & Motor system					
	Biochemistry: BI 11.4 Analysis of Abnormal Urine					

Week 31

Time	Day 160 30.08.2021 Monday	Day 161 31.08.2021 Tuesday	Day 162 01.09.2021 Wednesday	Day 163 02.09.2021 Thursday	Day 164 03.09.2021 Friday	Day 165 04.09.2021 Saturday
8 – 9 am	PY9.4 Female reproductive system	AN43.4 Pouches & Cleft	PY9.4 Female reproductive system Integration	AN29.1,29.3,29.4,35.1 Posterior triangle- Muscles, Deep fascia	BI 8.4 Nutritional importance of commonly used food items	AN52.5 Histology of Prostate & Vas deferens
9 – 10 am	AN52.2 Histology of Ovary	PY9.3,9.9 PBL	PY Tutorials	BI 11.16 Quality control	AN29.1a Posterior triangle- boundaries & Contents	ECE: pandemic 1.1: Infection control part 1
10 – 11 am	BI 8.1 Importance of various dietary componenets, calorific value, BMR, SDA, RQ & its application	AN28.9,28.10 Parotid gland Integration		BI 8.2 Types & causes of PEM	PY9.4 Female reproductive system	
11 – 1 pm	Dissection of Face	Dissection of Parotid region	Dissection of Parotid region	Dissection of Post Triangle	Dissection of Post Triangle	
2 pm – 4 pm DOAP	Histology: AN 52.1 Ovary				BI Tutorials Case reports on PEM & obesity	PY SDL
	Physiology: PY 10.11 Examination of motor system & EEG, EP					
	Biochemistry: BI 11.17 OSPE –Dipstick test for Proteinuria, Determination of Albumin in Urine & test for Bence Jones Proteinuria					

Week 32

Time	Day 166 06.09.2021 Monday	Day 167 07.09.2021 Tuesday	Day 168 08.09.2021 Wednesday	Day 169 09.09.2021 Thursday	10.09.2021 Friday	Day 170 11.09.2021 Saturday
8 – 9 am	BI 8.4 Causes effects & health risk associated with obesity	AN32.1, 32.2, 35.1-10 Anterior triangle I (Including deep structures & Thyroid gland)	PY9.8 Physiological changes of pregnancy, Parturition & lactation Integration	PY9.8,9.10 Pregnancy psychological disorders Integration& alignment		AN43.2 Histology of thyroid gland
9 – 10 am	PY9.8 Placental hormones	PY Tutorials	AN32.1, 32.2, 35.1-6, 8-10 Anterior triangle II	AN32.1, 32.2, 35.1-10 Anterior triangle III Integration		ECE
10 – 11 am	AN43.4 Development of thyroid gland & tongue		BI 8.3 Dietary advice for optimal health in childhood & adults in DM, CAD & pregnancy	Community Medicine		
11 – 1 pm	Dissection of Post Triangle	Dissection of Post Triangle SDL	Mandible Dissection of Anterior triangle	Dissection of Anterior triangle		
2 pm – 4 pm DOAP	Histology: AN 52.5 Prostate & Vas deferens					
	Physiology: PY10.11 Examination of Reflexes, Cerebellar function tests					
	Biochemistry: BI 11.5 Screening for Inborn errors of Carbohydrate Metabolism & Chromatography					

Week 33

Time	Day 171 13.09.2021 Monday	Day 172 14.09.2021 Tuesday	Day 173 15.09.2021 Wednesday	Day 174 16.09.2021 Thursday	Day 175 17.09.2021 Friday	Day 176 18.09.2021 Saturday
8 – 9 am	AN43.4 Development of Face & palate	PY10.2 Synapse	BI10.2 Biochemical Tumor markers, Biochemical basis of Cancer therapy Integration	AN30.3,30.4,56.1 Dural folds & Sinuses	PY10.2 Synapse	AN52.5 Histology of Uterus & fallopian tube
9 – 10 am	PY9.12 Contraception Integration& alignment	AN41.1-41.3 Back of neck &suboccipital region	PY Tutorials	PY10.2 Synapse	AN30.4,30.5 Cavernous sinus & Pituitary gland Integration	ECE
10 – 11 am	PY10.1 Organisation of nervous system	CM 9.3: Declining sex ratio and its consequences: Poster making		AN43.4 Development of Face & palate Integration	PY10.2 Somatosensory system - Receptor	
11 – 1 pm	Dissection of thyroid gland	Dissection of thyroid gland SDL	Dissection of back of neck & Suboccipital region	Dissection of back of neck & Suboccipital region	Unit test	
2 pm – 4 pm DOAP	Histology: AN 43.2 Thyroid gland				AETCOM 3.2 Empathy in patient encounters	
	Physiology: PY 10.11, 10.20 Reflexes, Examination of cranial nerve					
	Biochemistry: : BI 11.5 Screening for Inborn errors of Protein Metabolism & Chromatography					

Week 34

Time	Day 177 20.09.2021 Monday	Day 178 21.09.2021 Tuesday	Day 179 22.09.2021 Wednesday	Day 180 23.09.2021 Thursday	Day 181 24.09.2021 Friday	Day 182 25.09.2021 Saturday
8 – 9 am	AN64.2 Development of CNS	PY10.2 Receptor	AN 50.1- 50.4 Vertebral column AN57.1-57.5 Spinal cord Integration	PY10.3 Pain sensation Integration	BI 10.1 Cancer initiation, promotion Oncogenes, oncogene activation, P53, apoptosis	AN58.1-58.4 Medulla Integration
9 – 10 am	PY Tutorials Unit test V	CM 5.1 Common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	PY10.3 Sensory tracts	AN62.7 Introduction & blood supply of brain	AN57.1-57.5 Spinal cord AN64.1 Histology of spinal cord	ECE
10 – 11 am			PY10.3 Sensory tracts Somatic sensation	PY PBL	PY tutorials	
11 – 1 pm	Interior of cranium	Dissection of Cavernous sinus	Dissection of spinal cord	Base of brain & Blood supply of brain	Base of brain & Blood supply of brain	
2 pm – 4 pm DOAP	Histology: AN 52.5 Uterus & fallopian tube				AETCOM 4 Communication-1	Sports/ Extracurricular activities
	Physiology: PY 10.20 Examination of cranial nerve					
	Biochemistry: BI 11.15 CSF analysis and related case reports					

Week 35

Time	Day 183 27.09.2021 Monday	Day 184 28.09.2021 Tuesday	Day 185 29.09.2021 Wednesday	Day 186 30.09.2021 Thursday	Day 187 01.10.2021 Friday	02.10.2021 Saturday
8 – 9 am	AN64.2 Development of CNS	PY10.2 Reflex	AN61.1-61.3 Midbrain Integration	AN62.5 Thalamus & hypothalamus	PY10.4 Motor tract Integration	
9 – 10 am	PY Tutorials	AN59.1-59.3 Pons Integration	PY10.2 Reflex	PY10.4 Motor tract	CM 13.2 Disaster management and Triage: PBL	
10 – 11 am		BI 7.1 Nucleic acids – DNA &RNA structure, types and functions	PY Tutorials	PY10.7 Thalamus		
11 – 1 pm	Dissection of Medulla	Dissection of Pons	Dissection of Midbrain	Thalamus & Hypothalamus	Thalamus & Hypothalamus	
2 pm – 4 pm DOAP	Histology: Seminar				AETCOM 4 Communication-1	
	Physiology: PY 10.20 Examination of Cranial nerve, Skill certification					
	Biochemistry: BI 11.16 ELISA, ImmunoDiffusion					

Week 36

Time	Day 188 04.10.2021 Monday	Day 189 05.10.2021 Tuesday	06.10.2021 Wednesday	Day 190 07.10.2021 Thursday	Day 191 08.10.2021 Friday	Day 192 09.10.2021 Saturday
8 – 9 am	AN60.1-60.3 Cerebellum	PY10.7 Cerebellum		PY10.7 Basal Ganglia Integration	BI 6.2 Discuss the metabolic processes in which nucleotides are involved	AN62.1,62.2 Cerebrum Integration
9 – 10 am	PY10.6 Transaction of spinal cord Integration	AN62.4 Basal ganglia & limbic system		AN62.1,62.2 Cerebrum	PY10.7 Cerebellum Integration	ECE
10 – 11 am	AN64.1 Histology of cerebellum	PY10.7 Basal Ganglia		PY10.7 Hypothalamus	PY Tutorials	
11 – 1 pm	Dissection of Cerebellum	Basal ganglia & Limbic system		Basal ganglia & Limbic system	Dissection of cerebrum	
2 pm – 4 pm DOAP	Histology: AN 64.1Cerebellum & AN 64.1 Spinal cord					PY SDL
	Physiology: PY 10.11 Perimetry, Skill certification					
	Biochemistry: : Estimation of Uric acid & related case reports					

Week 37

Time	Day 193 11.10.2021 Monday	Day 194 12.10.2021 Tuesday	Day 195 13.10.2021 Wednesday	14.10.2021 Thursday	15.10.2021 Friday	Day 196 16.10.2021 Saturday
8 – 9 am	AN64.1 Histology of cerebrum	AN62.3 White matter Integration	PY10.4 Posture			BI 6.3 Disorders associated with Nucleotide metabolism, Laboratory results of analytes associated with Gout & Lesch Nyhan syndrome
9 – 10 am	PY10.7 Cerebral cortex	CM:Common source of nutrients: exhibition and demonstration	AN63.1,63.2 Ventricles Integration			ECE
10 – 11 am	PY10.7 Limbic system Integration	PY10.4 Vestibular apparatus Integration	PY10.7 CSF Integration			
11 – 1 pm	Dissection of cerebrum	Dissection of white matter	Dissection of white matter			
2 pm – 4 pm DOAP	Histology: AN64.1Cerebrum					Sports/ Extracurricular activities
	Physiology: PY10.11, perimetry and skill certification					
	Biochemistry: BI 11.16 Isolation of DNA					

Week 38

Time	Day 197 18.10.2021 Monday	Day 198 19.10.2021 Tuesday	20.10.2021 Wednesday	Day 199 21.10.2021 Thursday	Day 200 22.10.2021 Friday	Day 201 23.10.2021 Saturday
8 – 9 am	AN43.4 Development of Eye	PY10.5,10.8 EEG, sleep		BI 7.2 Genetics- DNA Replication & DNA repair	AN43.2 Histology of cornea & Retina	PY10.17 Vision
9 – 10 am	PY10.4 Posture Integration	AN75.1,75.2 Genetics		PY10.9 Speech Integration	AN31.1-31.4, 31.5, 41.1 Orbit II Integration	ECE
10 – 11 am	AN43.2 Histology of pituitary gland	PY10.9 Learning & Memory Integration		AN31.1-31.4, 31.5, 41.1 Orbit I	PY10.5 Autonomic Nervous system	
11 – 1 pm	Dissection of Ventricles	UNIT Test		Dissection of orbit	Dissection of orbit SDL	
2 pm – 4 pm DOAP	Histology: AN 43.2 Pituitary gland					
	Physiology: PY 10.20 Skill certification					
	Biochemistry: BI 7.4 Demonstration of PCR technique					

Week 39

Time	Day 202 25.10.2021 Monday	Day 203 26.10.2021 Tuesday	Day 204 27.10.2021 Wednesday	Day 205 28.10.2021 Thursday	Day 206 29.10.2021 Friday	Day 207 30.10.2021 Saturday
8 – 9 am	AN34.1,34.2 Submandibular gland Integration	PY10.17 Physiology of image formation	PY10.17 Photochemistry of vision Visual acuity Integration	PY 10.17 Vision SDL	BI 7.3 Gene mutation & Regulation of gene expression in eukaryotes	AN33.3,33.4 TMJ Integration
9 – 10 am	PY Tutorials Unit Test VI	BI 7.2 Eukaryotic transcription and post transcriptional modifications & Translation and post translational modifications	PY1018 Visual pathway	CM 14.2 Biomedical waste management methods: Video demonstration and discussion	PY10.17 Color vision Integration	ECE
10 – 11 am		CM:Disaster Management: Picture collection and exhibition	AN33.1,33.2 Temporal & Infratemporal		AN52.1 Histology of suprarenal	
11 – 1 pm	Dissection of orbit	Dissection of Submandibular region	Dissection of Submandibular region	Dissection of Temporal & Infratemporal	Dissection of Temporal & Infratemporal	
2 pm – 4 pm DOAP	Histology: AN 43.2 Cornea & Retina				BI Tutorials Unit test	PY SDL
	Physiology;PY Revision					
	Biochemistry: BI 7.4 Development of PCR product by Agarose gel electrophoresis					

Week 40

Time	01.11.2021 Monday	Day 208 02.11.2021 Tuesday	03.11.2021 Wednesday	Day 209 04.11.2021 Thursday	05.11.2021 Friday	Day 210 06.11.2021 Saturday
8 – 9 am		BI 7.4 Genetics- Recombinant DNA technology, gene therapy		AN37.2,37.3 Paranasal air sinuses Integration& Alignment		AN39.1,39.2 Tongue Integration
9 – 10 am		AN37.1-37.3 Nasal cavity Integration		BI 7.4 Genetics- PCR in diagnosis of Disease		ECE
10 – 11 am		PY10.13,10.14 Olfaction Integration		PY SDL		
11 – 1 pm		Dissection of Nasal cavity & sinuses		Dissection of Nasal cavity & sinuses		
2 pm – 4 pm DOAP	Histology: AN 52.1 Suprarenal gland					
	Physiology: PY Revision					
	Biochemistry: BI 11.16 TLC,PAGE					

Week 41

Time	Day 211 08.11.2021 Monday	Day 212 09.11.2021 Tuesday	Day 213 10.11.2021 Wednesday	Day 214 11.11.2021 Thursday	Day 215 12.11.2021 Friday	Day 216 13.11.2021 Saturday
8 – 9 am	AN43.2 Histology of tongue	PY11.1-11.3 Skin & body temperature	AN36.1, 36.3,36.4 Pharynx	AN40.2 Middle ear Integration& Alignment	BI 11.1 biomedical waste management	PY10.15 AN40.3 Inner ear
9 – 10 am	PY10.13,10.14 Gustation Integration	PY11.1 PBL	BI 7.4 Genetics- DNA Sequencing and its applications	PY10.15 Role of external & middle ear	AN75.3,75.4 Genetics	ECE
10 – 11 am	CM 14.3 Guided discussion: Laws related to biomedical waste management	AN36.1,36.2 Tonsil, soft palate Integration	AN40.1,40.2 External ear & Auditory tube	AN38.1-38.3 Larynx	PY11.1-11.3 Regulation of body temperature	
11 – 1 pm	Dissection of tongue	Dissection of Pharynx, Tonsil & palate	Dissection of Pharynx, Tonsil & palate	Dissection of larynx	Dissection of larynx	
2 pm – 4 pm DOAP	Histology: AN43.2 Tongue				BI Tutorials FISH & related case reports	AN SDL
	Physiology: PY Revision					
	Biochemistry; Western Blotting technique					

Week 42

Time	Day 217 15.11.2021 Monday	Day 218 16.11.2021 Tuesday	Day 219 17.11.2021 Wednesday	Day 220 18.11.2021 Thursday	Day 221 19.11.2021 Friday	Day 222 20.11.2021 Saturday
9 – 10 am	AN38.1-38.3 Larynx Integration	AN75.5 Genetic counselling	BI Tutorials	PY SDL	BI 11.16,11.19 Lab Automation	ECE
10 – 11 am	PY10.15 Mechanism of hearing	AN 43.7 Radiology of Head & Neck				
11 – 1 pm	AN43.7 Radiology of Head & Neck	AN 43.6, 43.7 Surface projection & radiology of Head & Neck	AN 43.6, 43.7 Surface projection & radiology of Head & Neck	AN 43.6, 43.7 Surface projection & radiology of Head & Neck	AN 43.6, 43.7 Surface projection & radiology of Head & Neck	
2 pm – 4 pm DOAP	Histology: Revision				BI Tutorials SDL	Sports/ Extracurricular activities
	Physiology: PY Revision					
	Biochemistry: Revision					

3rd Internal assessment Time table

Theory	Anatomy	Physiology	Biochemistry
Dates	23.11.2021	25.11.2021	27.11.2021

Practical	29.11.2021	30.11.2021	01.12.2021	02.12.2021	03.12.2021	04.12.2021
Anatomy	Batch A	Batch B	Batch C	Batch D	Batch E	Batch F
Physiology	Batch C	Batch D	Batch E	Batch F	Batch A	Batch B
Biochemistry	Batch E	Batch F	Batch A	Batch B	Batch C	Batch D

Note: Feedback will be given following the practical exams in respective departments