

Mahatma Gandhi Institute of Medical Sciences, Sevagram
Teaching Schedule for First MBBS Students 2019 Batch | Session 2019 - 2020

Foundation Course : August 1 - 31, 2019 In Gandhi Ashram, SN Hall, Kasturba Hospital & Adopted Village Orientation
 Skills & Professional development Workshop
 Field visit to Community Health Centre & adopted village Bioethics Workshop
 Sports & Extra Curricular Activities
 Enhancement of language especially Marathi, Hindi & English Computer Skills Training

September 1, 2019 - August 31, 2020	MBBS Course	Teaching in Anatomy, Physiology & Biochemistry, Introduction to Community Medicine, Humanities, AETCOM, Sports & Extracurricular, Formative Assessment & Term Examinations, Early Clinical Exposure in Class Room, Hospital and Community Settings (Training in Basic Clinical Skills, Demonstration of Clinical Problems, Hospital Visits, Primary Care Exposure and Community Visits)
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Time Table for First MBBS Course

Time	9 AM - 10 AM	10 AM - 11 AM	11 AM - 1 PM	1 PM - 2 PM	2 PM - 3 PM	3 PM - 4 PM	4 PM - 5 PM
Class	1	2	3	4	5	6	7
Monday	Physiology	Biochemistry	Anatomy Dissection	Lunch Break	Physiology	Community Medicine / Physiology	
Tuesday	Anatomy	Anatomy	Anatomy Dissection		Physiology	Practicals : Physiology (B) / Biochemistry (A)	
Wednesday	Biochemistry	Anatomy	Practical : Physiology (A) / Histology (B)		Physiology	Integrated Teaching / Directed Learning Hours	
Thursday	Anatomy	Physiology	Anatomy Dissection		Anatomy	Practicals : Physiology (A) / Biochemistry (B)	
Friday	Biochemistry	Anatomy	Practical Histology (A) / Physiology (B)		Physiology	Community Medicine	Shramdan followed by Community Prayer
Saturday	Physiology	Biochemistry	Anatomy Dissection		Sports Activities		

Alignment 80% within the phases and Integration not more than 20% within & across the phases shall be conducted during this period
 Self Directed Learning hours dedicated by all the Pre-Clinical departments shall be monitored through Periodical Formative Assessment
 Department of Community Medicine shall take students for visits to various services sections on every Monday from 3 PM - 5 PM till December 31, 2020 From January 1, 2020 onwards, the Department of Physiology shall conduct the classes from 3 PM - 5 PM till August 31, 2020
 Department of Community Medicine shall take students for Field Visits on First Saturday of every Month after the Social Service Camp

September 1 - 30, 2020	Examination	Formative and Summative Examinations for First MBBS Students shall be conducted as per schedule of Maharashtra University of Health Sciences (MUHS), Nashik
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Professor & Head Department of Anatomy	Professor & Head Department of Physiology	Professor & Head Department of Biochemistry	Professor & Head Department of Community Medicine
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Approved by Dean, MGIMS, Sevagram

Mahatma Gandhi Institute of Medical Sciences, Sevagram

Teaching schedule, 1st MBBS for the month of September 2019.

1st week

Time	9 am -10 am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm	
Monday	Holiday (Ganes Chaturthi)			LUNCH BREAK	Holiday (Ganes Chaturthi)		
Tuesday	AN 1.1 Terminologies in Anatomy	AN 75.1 to 75.5 Case1 Intro- Down's Syndrome: Cell division, inheritance & applied genetics	Anatomy Dissection AETCOM Module 1.5 Part 1 Oath taking		PY 1.6 (HI-BI) Body fluid compartments	Practical:Physiology(B)/Biochemistry (A)	
Wednesday	BI 1.1 (HI-PY 1.1) Structure & functions of the cell & sub-cellular organelles	AN 76.1,76.2 Embryology Introduction	Practical: Physiology(A)/Histology (B)		PY 2.11 Microscope & hemocytometer	Anatomy Dissection	
Thursday	AN 65.1,65.2 Introduction to Microscope Epithelium	PY 1.1,1.3,1.4,1.9 (VI-PA) Cell- functions, communications	Anatomy Dissection		AN 78.1 to 78.5 Embryology – Second Week of Human Development	Practical: Physiology(B)/Biochemistry (A)	
Friday	BI 11.1 Commonly used lab equipments,	AN 77.1 to 77.6 Embryology / First Week of Human development	Practical:Physiology(B)/Histology (A)		PY 1.5 Transport across the cell	3pm -4pm CM 1.1 Concepts of Health	4pm-5pm Shramdan followed by community prayer

	safety, waste disposal						
Saturday	PY 1.2 Homeostasis & its Disturbances	BI 1.1 (HI-PY 1.1, 1.3) Fluid mosaic model, cell junctions, inter cellular connection	Anatomy Dissection		Self directed learning / Sports activities		

IIInd Week

Time	9 am -10 am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm
Monday	PY 3.8,1.8 Bioelectric Potential AP / RMP	BI 3.1 Carbohydrates – Importance, Classification, Monosaccharides	Anatomy Dissection AN 4.1 Composition of Human body – Basic structure	LUNCH BREAK	PY 11.13 General Examination	Community medicine
Tuesday	AN 2.1 to 2.6 Bone and Joint	AN 79.1 to 79.6 Embryology Third week of Human Development	Anatomy Dissection		PY 3.7, 3.13 (VI-IM, HI – AN) Structure of muscle and Muscle proteins	Practical: Physiology(B)/Biochemistry (A)
Wednesday	BI 3.1 Reactions of Monosaccharides & Disaccharides	AN 7.1 to 7.8 Nervous system: Central Nervous system	Practical: Physiology(A)/Histology (B)		PY 3.4, 3.6(VI-AS, PA) NMJ & Transmission	Anatomy Dissection

Thursday	AN 3.1- 3.3(HI-PY) Muscular system	PY 3.8,3.13 , 3.17 (VI-IM, HI-AN) properties of muscle ,	Anatomy Dissection		AN 5.1 to 5.8 Blood vessels	Practical:Physiology(B)/Biochemistry (A)	
Friday	BI 11.6 Colorimetry and spectro photometry	AN 13.1 to 13.7 Introduction to Osteology , Embryology, Surface marking, Histology, Radiological anatomy	Practical:Physiology(B)/Histology (A)		PY 3.9 Molecular basis of skeletal muscle contraction	3-4 ECE- Hospital visit	4-5 Shramdan followed by community prayer
Saturday	Physiology tutorials	BI 11.16 Observe auto analyser and use of QC	Anatomy Dissection		Self directed learning / Sports activities		

IIIrd week

Time	9 am -10 am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm
Monday	PY 2.12, 2.13(VI-PA) Reticulocyte count/Osmotic Fragility	BI 5.1 Proteins – structure Isoelectric pH, Denaturation, sequencing	Anatomy Dissection	LUNCH BREAK	(AITo - Anemia) PY 2.4 Structure and functions of RBC. Erythropoiesis –I	Community medicine
Tuesday	AN 9.1 Introduction to upper limb-	AN 7.1 to 7.8 Nervous system:	Anatomy Dissection AN 9.1		PY 2.11(VI-PA) RBC Count	Practical:Physiology(B)/Biochemistry (A)

	Pectoral region- I	Peripheral Nervous system	Dissection of Pectoral region			
Wednesday	BI 3.1 Carbohydrate – polysaccharides	AN 9.2 Pectoral Region - II	Practical: Physiology(A)/Histology (B)		PY 2.4,2.5 Erythropoiesis –II	ECE A1 AN 75.1 Down's Syndrome: (Small Group)
Thursday	AN 65.1, 65.2, 66.1, 66.2 Basic tissues Histology of connective tissue	PY 2.12(VI-PA) ESR IL	Anatomy Dissection AN 9.2 Dissection Pectoral region		AN 6.1 to 6.3 Lymphatic System	Practical:Physiology(B)/Biochemistry (A)
Friday	BI 5.1 Proteins – Definition, Importance & Classification	AN 71.1,71.2 Histology Basic tissues- Bone & cartilage (A)	Practical:Physiology(B)/Histology (A)		PY 2.12,2.13(VI-PA) Hb, PCV and blood indices , Reticulocyte, ESR	3-4 CM 1.2 Concepts of disease 4-5 Shramdan followed by community prayer
Saturday	ECE P1 PY 3.6 Myasthenia gravis (SG)	BI 5.1, 11.16, 11.19 Amino acids, classification, reactions, Chromatography	Anatomy Dissection		Self directed learning / Sports activities	

IV th Week

Time	9 am -10 am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm		
Monday	PY 2.5 AITo – Anaemia – Discussion by IM dept	BI 9.2(VI- IM) ECM Components in health and diseases	Anatomy Dissection	LUNCH BREAK	PY 3.5, 3.6(VI-AS, PH, PA) Drugs acting at NMJ & MG	Community medicine		
Tuesday	AN 79.1 to 79.6 Embryology 4th – 8th Weeks	AN 10.3 Dissection – Axilla - I	Anatomy Dissection		PY 3.10, 3.12(VI-IM) Types & grades of muscle contraction	Practical:Physiology(B)/Biochemistry (A)		
Wednesday	BI 4.1 (VI- IM) Lipids – phospholipids, cholesterol, lipoproteins	AN 10.3 Axilla - II	Practical: Physiology(A)/Histology (B)		PY 3.11, 3.15(HI-BI) Changes during muscle contraction & Exercise Metabolism	Anatomy Dissection		
Thursday	AN 10.5, 10.6 Brachial plexus	PY 11.13 General Examination - IL	Anatomy Dissection		AN 10.10 Gross Anatomy Deltoid region	Practical:Physiology(B)/Biochemistry (A)		
Friday	BI 4.1(VI-IM) Lipids – Classification & Fatty acid reactions	AN 10.10 to 10.13 Gross Anatomy	Practical:Physiology(B)/Histology (A)		(AITo - Anemia) PY 2.1, 2.2(HI-BI)	3-4 CM 8.1,8.3 Definition & Global burden of anemia	4-5 Shramdan followed by community prayer	

		Scapular region			Components of blood, Plasma proteins		
Saturday	PY 3.9 Molecular basis of smooth muscle contraction	BI 9.1 Functions and components of ECM	Anatomy Dissection		Self directed learning / Sports activities		
Monday 30/09/2019	PY 2.7 Platelets synthesis and function	BI 9.3 Protein – targeting, sorting, disorders	Anatomy Dissection		2-3 PY 2.11(VI-PA) TLC	CM 1.5 Prevention and control of disease	

Time	9am -10am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm	
Monday	PY 2.6 WBC leucopoiesis & functions	BI 5.2, 6.12(HI-PY, VI-PA,IM) Abnormal Hb – its genetic basis	Anatomy Dissection	LUNCH BREAK	PY 2.11(VI- PA) DLC	Community medicine CM 8.3 Prevention of anaemia	
Tuesday	AN 10.12(VI- SU) Shoulder joint	AN 11.1-11.4 Gross Anatomy Arm	Anatomy Dissection		PY2.8 (VI-PA) Hemostasis Anticoagulants Disorders	Practical:Physiology(B)/Biochemistry (A)	
Wednesday	Gandhi Jayanti				Gandhi Jayanti		
Thursday	AN AN 67.1- 67.3 Histology Basic tissues Nervous tissues	PY2.10 Cellular Immunity	Anatomy Dissection		AN 12.1,12.2 Front of forearm	Practical:Physiology(B)/Biochemistry (A)	
Friday	BI 5.2, 6.12(HI-PY, VI-PA,IM) Structure & function	AN AN 11.5,11.6 Cubital fossa	Practical:Physiology(B)/Histology (A)		PY2.9 (VI-PA) Blood group I	3-4 CM 1.3 Disease Dynamics	4-5 Shramdan followed by community prayer

	of Hb & Myoglobin						
Saturday	PY 2.10 Humoral Immunity	BI 6.5 (VI-IM) Vitamins B12 & Folic acid	Anatomy Dissection		Self directed learning / Sports activities		

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Teaching schedule, 1st MBBS for the month of October 2019

Ist week

IInd week

Time	9am -10am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm	
Monday	PY 10.11 CNS Examination- Higher mental functions	BI 6.9,6.10 (HI-PY,VI-IM) Iron metabolism	Anatomy Dissection	LUNCH BREAK	Hypothyroidism) PY 8.2 Adeno hypophysis I	Community medicine	
Tuesday	AN 13.3,13.4 Other joints of upper limb	AN 13.3-13.5 Dissection of elbow joint & other joints of Upper Limb	Anatomy Dissection		PY 8.2 Adeno hypophysis - II	Practical:Physiology(B)/Biochemistry (A)	
Wednesday	BI 2.1 Enzymes- classification, coenzymes	AN 12.2 Radial Nerve and Radial Artery	Practical: Physiology(A)/Histology (B)		PY 10.11 CNS Examination- Sensory system	Anatomy Dissection	
Thursday	AN 13.3 Elbow joint & anastamosis	PY 8.2 Hypothalamo Hypophyseal System	Anatomy Dissection		AN 12.3-12.6 Palm I	Practical:Physiology(B)/Biochemistry (A)	
Friday	Biochemistry tutorials	AN 12.2 Nerves and Vessels of Forearm	Practical:Physiology(B)/Histology (A)		PY 8.2 Neuro Hypophysis	3-4	4-5 Shramdan followed by community prayer
Saturday	PY 8.6 Mechanism of Hormonal action	BI 2.3 Enzymes- kinetics, mechanism, factors	Anatomy Dissection		Self directed learning / Sports activities		

		affecting enzyme			
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IIIrd week

Time	9am -10am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm	
Monday	PY 10.11 CNS Examination- Higher mental functions	BI 2.7 (VI- PA,IM) Biochemistry charts	Anatomy Dissection	LUNCH BREAK	(AITo – Hypothyroidism) PY 8.2 Adeno hypophysis I	Community medicine	
Tuesday	AN 12.12- 12.15 dorsum of hand	AN 12.12- 12.15 Dissection of dorsum of hand	Anatomy Dissection		(AITo – Hypothyroidism) PY 8.2 Adeno hypophysis - II	Practical:Physiology(B)/Biochemistry (A)	
Wednesday	BI 2.4 (VI- PA,IM) Enzyme inhibition	AN 13.5,13.6 Osteology & Radiological Anatomy	Practical: Physiology(A)/Histology (B)		PY 10.11 CNS Examination- Sensory system	Anatomy Dissection	
Thursday	AN 13.5,13.6 Osteology & Radiological Anatomy	(AITo – Hypothyroidism) PY 8.2 Hypothalamo Hypophyseal System	Anatomy Dissection		AN 70.1,70.2 Histology of Lymphoid organs	Practical:Physiology(B)/Biochemistry (A)	
Friday	BI 2.6 (VI- PA,IM) Enzyme regulation	AN 13.5,13.6 Surface Anatomy of upper limb	Practical:Physiology(B)/Histology (A)		PY 8.2 Neuro Hypophysis	3-4 Community Medicine Tutorials	4-5 Shramdan followed by community prayer
Saturday	Hypothyroidism) PY 8.6	BI.2.5,11.17 (VI-PA,IM)	Anatomy Dissection		Self directed learning / Sports activities		

	Mechanism of Hormonal action	Isoenzymes , Enzymes of clinical importance			
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IV th week

Time	9am -10am	10 am -11 am	11 am -1 pm	1 pm -2 pm	2 pm -3 pm	3 pm -5 pm
Monday	PY 8.1, 8.2 Functions of PTH	BI 2.4 (VI-PA,IM) Enzyme inhibition	Anatomy Dissection	LUNCH BREAK	PY 10.11 CNS Examination – sensory system	Community medicine
Tuesday	AN 12.12-12.15 dorsum of hand	AN 13.5,13.6 Osteology & Radiological Anatomy	Anatomy Dissection		PY 8.3 Thymus & Pineal gland	Practical:Physiology(B)/Biochemistry (A)
Wednesday	BI 2.6 (VI-PA,IM) Enzyme regulation	AN 80.1-80.7 Embryology Placenta and Fetal membranes	Practical: Physiology(A)/Histology (B)		PY 10.11 CNS Examination – sensory system	Anatomy Dissection
Thursday	AN 13.5,13.6 Osteology & Radiological Anatomy	(AITo – Hypothyroidism) PY 8.2,8.4 (HI- BI) Thyroid Functions & disorders	Anatomy Dissection		AN 13.6 Surface Anatomy of upper limb	Practical:Physiology(B)/Biochemistry (A)
Friday	BI 10.3(VI-OG, SU, PA) Immunoglobulins & Electrophoresis	AN 13.5,13.6 Surface Anatomy of upper limb	Practical:Physiology(B)/Histology (A)		PY 8.2,8.4(HI- BI) Adrenal cortical Hormones-I Glucocorticoids and applied aspects	3-4 CM 8.2 Introduction to Non-communicable diseases- Endocrine Disorders

Saturday	Hypothyroidism) PY 8.2 Synthesis & mechanism of action of thyroid hormones	BI.2.5,11.17 (VI-PA,IM) Isoenzymes , Enzymes of clinical importance	Anatomy Dissection		Self directed learning / Sports activities		