

SHRI SHANKARACHARYA INSTITUTE OF MEDICAL SCIENCES, BHILAI

Subject Wise Total Teaching Hours (Lectures + SDL + ECE + AETCOM + Practicals)

Subjects	As per MCI Guidelines	Actual shown					
		Lectures (hours)	Small Group Teaching/ Tutorials/ Integrated learning/ Practical (hours)	Self directed learning (hours)	ECE (hours)	AETCOM (hours)	Total
Anatomy	717	220	415	40	30	12	717
Physiology	537	160	310	25	30	12	537
Biochemistry	286	80	150	20	30	6	286
Community Medicine	56	20	27	5	-	4	56
Exams	80						80
Sports	60						60
Total	1736						1736

Topics Aligned

Sr.no	Anatomy	Physiology	Biochemistry
1	General Anatomy	General Physiology	Basic Biochemistry
2	Thorax (Heart)	Cardiovascular System	
3	Thorax	Respiratory System	
4	Abdomen	Digestive System	Metabolism
5	Abdomen	Excretory System	Acid Base balance , Kidney Function Tests
6		Endocrine	Organ Function Tests
7	Head,Neck,Face	CNS	
The topics/ organs / systems that are not aligned, are the NON ALIGNED TOPICS for all the subjects			

SHRI SHANKARACHARYA INSTITUTE OF MEDICAL SCIENCES, BHILAI

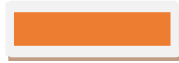
IST MBBS ACADEMIC CALENDER 2020-21

For

February, March and April 2021



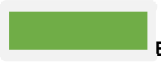
Holiday



Anatomy



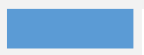
Physiology



Biochemistry



**Community
medicine**



**Foundation
Course**

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
8th Feb 21	Monday	an1.1-1.2 anatomical terminology general anatomy lecture	an2.1 bone general anatomy lecture	py1.1 introduction to physiology lect	py 2.11 microscope and haematology instruments pract bio pract bi11.1 lab practices sg		FOUNDATION	
9th Feb 21	Tuesday	biothbi1.1 cell lecture	Cadaveric Ceremony FOUNDATION					
10th Feb 21	Wednesday	py 2.1 composition and functions of bloodsgd	bio th aetcom	an 2.4-2.5 joint i general anatomy lecture <i>integration with orthopedics</i>	py 2.11 microscope and haematology instruments pract bio pract bi 11.1 lab practices sg	an 3.1 muscle general anatomy lecture <i>integration with physiology</i>	introduction to dissection/histology	
11th Feb 21	Thursday	an 2.6 joint ii general anatomy lecture	py 1.1 structure and functions of cell lect (<i>sharing with biochem</i>) py 1.2 homeostasis lect	an 5.1-5.4 cvs i general anatomy lecture <i>integration with physiology</i>	dissection	py 2.11 estimate hb pract (<i>nesting with patho</i>) biopractbi 11.1 lab practice tutorial		
12th Feb 21	Friday	py 2.2 plasma proteins lect (<i>sharing with biochem</i>)	bio th bi 2.1 enzyme lecture	phy 2.4 erythropoiesis lect	py 2.11 estimate hb pract (<i>nesting with patho</i>) biopractbi 11.1 lab practice tutorial	an 5.5-5.8 cvs ii general anatomy lecture <i>integration with medicine and physiology</i>	an 7.1-7.5 cns i general anatomy lecture <i>integration with physiology</i>	
13th Feb 21	Saturday	an 7.6.-7.8 cns ii general anatomy lecture <i>integration with medicine</i>	phy 2.4 erythropoiesis gd	Cm 1.1 Concept Health Lect. 1.2 Determination of Health Lect.		an 6.1-6.3 lymphoid general anatomy lecture <i>integration with general surgery</i>	microscope	

1 TO 2 - LUNCH

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
15th Feb 21	Monday	an 4.1-4.2skin general anatomy lecture integration with dermatology	an65.1 th epitheliumand microscope lecture	py 1.5 active transportlect	py 1.5 active transportsgd	py 1.5 passive transportsgd	FOUNDATION	
16th Feb 21	Tuesday	#####	FOUNDATION					
17th Feb 21	Wednesday	py 2.3hb synthesis and functions lect	bio thbi 2.1 enzyme lecture	an9.1 pectoral regionlecture	py 2.11estimate rbc pract (nesting with patho) biopractbi 11.1labpracticestutorial	an 9.1 pectoral region dissection / practical an65.1 histology pract epitheliumand microscope		
18th Feb 21	Thursday	an 9.2-9.3 breast integration with general surgery lecture	py 2.3 hb breakdownand variantssgd (sharing with biochem)	an 76.1- 76.2 introduction embryology lecture	an 9.1 pectoral region dissection / practical an65.1 histology pract epitheliumand microscope		py 2.11estimate rbc pract (nesting with patho) biopractbi 11.1labpracticestutorial	
19th Feb 21	Friday	py 2.9 blood groups lect py 2.9 blood groups -clinical imp lect	bio th bi 2.4 enzyme lecture	py 1.6 body fluids lect	py 2.11 blood groups pract (nesting with patho) biopractbi 11.2ph,bufferdoap		an 8.1-8.3 clavicle doap	an 9.2-9.3 breast dissection / practical
20th Feb 21	Saturday	an 9.2-9.3 breast integration with general surgery lecture	py 1.7 buffer systemssgd (sharing with biochem)	cm 1.3 Agent host environment (L) 1.4 Natural history of disease Lect.		bio th aetcom	BIOCHEMISTRY Revision	

1 TO 2 - LUNCH

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
22th Feb 21	Monday	an 10.1- 10.2 axilla & contents integration with general surgery lecture	an 10.3 brachial plexus lecture	ECE clip 2.9 cl blood bank visit nesting with patho			FOUNDATION	
23th Feb 21	Tuesday	bio Formative assessment & Feedback	FOUNDATION					
24th Feb 21	Wednesday	py 2.9 blood banking and transfusions gd (nesting with patho)	bio th bi 2.4 enzyme lecture	an 8.4 scapula doap	py 2.11 blood groups pract (nesting with patho) bio pract bi 11.2 ph, buffer doap		an sdl on upper limb	
25th Feb 21	Thursday	an 10.8-10.9 back muscles scapular anastomosis lecture + an 10.10-10.11 scapular region lecture	py 2.11 blood indices gd	an 77.1- 77.2 gametogenesis oogenesis embryology lecture + an 77.3 spermatogenesis embryology lecture	an 66.1-66.2 connective tissue histology integration with physiology & pathology lectur	an 66.1-66.2 connective tissue histology integration with physiology & pathology lectur	py 2.11 estimate tlc pract (nesting with patho) bio pract bi 11.2 ph, buffer doap	
26th Feb 21	Friday	py 1.8 rmp lect	bio th bi 2.4 enzyme lecture	py 2.5 anaemia cl sgd (correlation with medicine)	py 2.11 estimate tlc pract (nesting with patho) py 2.11 estimate dlc pract bio pract bi 2.5 clinical utility of enzyme sgd		an 8.4 humerus doap	TUTORIAL
27th Feb 21	Saturday	an 70.1 glands histology lecture	py 1.8 action potential lect	CM 1.5 Levels of Prevention Lect.	FOUNDATION			

1 TO 2 - LUNCH

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
1 March 21	Monday	an Formative assessment & Feedback	FOUNDATION					
2 March 21	Tuesday	py Formative assessment & Feedback	FOUNDATION					
3 March 21	Wednesday	PY 2.10 Immunity I Lect 4	bio th bi 2.5enzyme lecture	an 11.1-11.2 arm flexor compartment and neurovascular bundle lecture	py 2.11 estimate bt/ct pract (nesting with patho)	py 2.11 estimate dlc pract	biopract bi 2.5 clinical utility of enzyme sgd	FOUNDATION
4 March 21	Thursday	an 10.4- 10.7 axillary lymph node and applied brachial plexus Lecture integration with general surgery	PY 2.6 Granulopoiesis Lect	radius doap	an 10.1-10.3 axilla dissection /practical an 70.1 glands histology practical	FOUNDATION		
5 March 21	Friday	PY 212 ESR, Hematocrit Demo	Bio Th BI 2.5 Enzyme Lecture	PY 2.10 Immunity II Lect	py 2.5 anaemia cblsdl py 1.8 rmp & apsd - open book assignment	FOUNDATION		
6 March 21	Saturday	an 3.1 muscle general anatomy lecture integration with physiology revision	PY 2.7 Platelets Lect	CM 1.6 IEC & BCC Lect.	FOUNDATION			

1 TO 2 - LUNCH

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
8 March 21	Monday	an 11.3-11.6 cubital fossa <i>integration with general surgery lecture</i>	an 8.4 ulna doap	bio11.1safelabpracticeseceth (<i>nesting with microbiology</i>)			FOUNDATION	
9 March 21	Tuesday	bio Formative assessment & Feedback	FOUNDATION					
10 march 21	wednesday	py 2.8 hemostasis lect	bio th bi 2.5 enzyme lecture	an 11.1-11.2 arm extensor compartment and neurovascular bundle lecture	py 2.12 osmotic fragility demo		an 10.1-10.3 axilla dissection /practical an70.1 glands histology practical	
11 March 21	Thursday	HOLIDAY						
12 March 21	Friday	Py 2.8 anticoagulants lect	bio th bi 2.5 enzyme sdl	py 1.3, py 1.4 intercellular communication and apoptosisgd (<i>nesting with patho</i>)	py 2.13 reticulocyte count demo (<i>nesting with patho</i>) py 2.13 platelet cout demo (<i>nesting with patho</i>)		an 10.1-10.3 axilla dissection /practical	
13 March 21	Saturday	an71.2cartilage histology <i>integration with pathology lecture</i>	py 3.1 neuron and neuroglia lect	CM 1.7 Health indicators Lect.	FOUNDATION			

1 TO 2 - LUNCH

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
15 March 21	Monday	an 12.1-flexor compartment muscle of fore arm lecture + an 12.2-12.3 blood vessel and nerve supply of front of fore arm lecture	an 8.5-8.6 bones of hand and applied doap	ECE th py 2.8 bleeding clotting disorders th (nesting with patho)			FOUNDATION	
16 March 21	Tuesday	Py Formative assessment & Feedback	FOUNDATION					
17 March 21	wednesday	py 3.2 nerve fibres lect	bio th bi 2.5 enzyme sdl	an 12.11 muscle of extensor compartment of fore arm lecture + an 12.12-12.13 neuro vascular bundle of extensor compartment of fore arm and radial nerve integration with general surgery lecture	py 1.9 methods to demonstrate cell communication sgd bio pract bi 11.6 colorimeter doap		FOUNDATION	
18 March 21	Thursday	an 12.5-12.6 muscle of hand doap + an 12.7-12.10 neuro vascular bundle of hand, claw hand, flexor sheath and spaces integration with general surgery lecture + an 12.10 spaces of hand lecture	Py 3.4 neuromuscular junction lect	an 12.14-12.15 extensor retinaculum doap	an 10.8- 10.9 muscle of back and scapular anastomosis dissection /practical) + an 10.10- 10.11 scapular region dissection / practical		PY AETCOM	
19 March 21	Friday	py 3.5 neuromuscular blocking drugs sgd (nesting with pharmac)	bio th bi 2.7 enzyme sdl	PY 3.7 Types and structure of muscle fibres Lect	PY 1.9 Methods to Demonstrate cell Communication n SGD Bio Pract BI 11.6 colorimeter DOAP		FOUNDATION	
20 March 21	Saturday	an 10.12-10.13 shoulder joints integration with orthopedics lecture an	py 3.8 apin skeletal & smooth muscles lect an 80.1-80.4 placenta and fetal membrane embryology lecture	CM 1.8 Demographic profile Lect.	FOUNDATION			

1 TO 2 - LUNCH

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
22 March 21	Monday	an 10.12-10.13 shoulder joints integration with orthopedics lecture an	an 13.3 elbow and radioulnar joints lecture	bi 11.6 colorimeter doap biopract bi 12.6 enzymes in lab clinic (nesting with medicine)			an sdi on upper limb	
23 March 21	Tuesday	an Formative assessment & Feedback	FOUNDATION					
24 March 21	Wednesday	py 3.9 molecular basis of ms contraction sgd + py 3.10 mode of muscle contraction sgd	bio th bi 2.7 enzyme sdi	an 13.3.13.4 wrist joint lecture	py 3.14 ergography pract bio pract bi 12.7 enzymes sgd		an 13.3.13.4 wrist joint dissection / practical	
25 March 21	Thursday	an 13.3 elbow and radioulnar joints lecture	py 3.18 nerve muscle expt 1 doap	an 77.4- 77.6 fertilization embryology lecture	an 11.1-11.2 arm dissection / practical		FOUNDATION	
26 March 21	Friday	py 3.18 nerve muscle expt 3 doap	bio th bi 2.7 enzyme sdi	py 3.18 nerve muscle expt 4 doap	py 3.14 ergography pract bio pract bi 12.7 enzymes sgd		FOUNDATION	
27 March 21	Saturday	ulnar nerve an 80.1-80.3 pre-natal diagnosis embryology lecture	py 3.11 energy source & muscle metabolism sgd (sharing with biochem)	CM 10.5 UIP (L) 10.5 IPC DOAP		py 3.12 muscular activity gradation sgd	py 3.17 strength duration curve lec t	py 3.18 nerve muscle expt 2 doap

1 TO 2 – LUNCH

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
29 March 21	Monday	radial nerve ul revision	an 71.1 bone histology integration with pathologylecture	py3.3 degeneration & regeneration of nerves lect	py1.9 sgd describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in clinical care and research		an 11.1-11.2 arm dissection / practical + an 11.3-11.6 cubital fossa dissection / practical	
30 March 21	Tuesday	HOLIDAY						
31 March 21	Wednesday	py 3.13 myopathies sgd	bio th bi 2.7 enzyme sdl	an 12.7 median nerve	py3.18nervemuscleexpt2 doap biopractb i11.5(inbornerrors)sgd		an 10.10- 10.11 shoulderregion dissection/ practical + an 10.12- 10.13 shoulder joints &injurydissection / practical	
1 April 21	Thursday	an 78.1- 78.5 second week developmentem bryology lecture	py 3.13 myopathies sgd (nesting with medicine)	an 79.1- 79.4 third week development embryologylectur e	an 12.2-12.4 neuro vascular bundle of front of fore arm retinaculum and carpal tunnel syndrome dissection / practical		FOUNDATION	
2 April 21	Friday	py 5.1 functional anatomy of heart sgd (sharing with anatomy)	bio th bi 6.6 biol oxid lecture	py 5.1 pacemaker tissue and conducting system sgd	py3.18nervemuscleexpt2 doap biopractb i11.5(inbornerrors)sgd		FOUNDATION	
3 April 21	Saturday	an 79.5 folding of embryo embryology lecture	py 5.2 morphologi cal properties of cardiac muscle sgd	CM 5.1 Introduction Nutrition (L) 5.2 Nutrition Clinic DOAP (Visit)		an 79.5-79.6 teratogenesis embryology lecture an 80.5-80.7 placenta embryology lecture	an 12.11-extensor compartment of fore arm dissection / practical an 12.12-12.15 neuro vascular bundle of extensor compartmentoffore arm and extensor retinaculum dissection / practical	

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
5 April 21	Monday	an 13.5 radiology integration with radiodiagnosis doap	an 67.1-67.3 muscle histology th	bio th bi 3.5 chem & met carb eceth (nesting with medicine)			FOUNDATION	
6 April 21	Tuesday	bio Formative assessment & Feedback	FOUNDATION					
7 April 21	Wednesday	py 5.2 electrical properties of cardiac muscle lect	bio th bi 6.6 bio oxid lecture	13.1.13.2 fascia dermatomes and lymph drainage lecture an 13.6.13.7 surface anatomy doap	py 3.18 amphibian cardiac muscle properties pract biopractb i11.5 (in borner errors) sgd		FOUNDATION	
8 April 21	Thursday	an 21.1-typical rib doap	py 5.2 mechanical properties of cardiac muscle sgd	an 25.3-25.4 cvs i embryology lecture	an 12.7 neuro vascular bundle of hand and median nerve dissection / practical + an 66.1-66.2 connective tissue histology practical		biopractb i 3.5 carb and disease ssgd	
9 April 21	Friday	py 5.2 mechanical properties of cardiac muscle sgd	bio th bi 6.6 bio oxid lecture	py 5.3 cardiac cycle lect	py 3.18 amphibian cardiac muscle properties pract biopractb i11.5 (in borner errors) sgd		an 12.7 neuro vascular bundle of hand and median nerve dissection / practical + an 66.1-66.2 connective tissue histology practical	
10 April 21	Saturday	an 21.1-typical rib doap	py 5.3 cardiac cycle lect	CM 5.1 Food Groups (L) 5.1 (Nutrition) Spotting SGD		PHYSIOLOGY Formative assessment and Feedback		

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
12 April 21	Monday	an sdl on upper limb		py5.3 cardiac cycle press vol changes lect	py 11.13 history and general examination pract bio pract bi 3.10 interpret levels of glucose level carb metab sgd		FOUNDATION	
13 April 21	Tuesday	An Formative assessment &Feedback	FOUNDATION					
14 April 21	Wednesday	HOLIDAY						
15 April 21	Thursday	sternum demo	py 5.2 metabolic functions of cardiac musclessgd	an 25.3-25.4 cvs ii embryology lecture	an 13.3.13.4 wrist joint dissection / practical		an 13.3 elbow joint dissection / practical + an 13.3-13.4 radioulnar joints dissection / practical	
16 April 21	Friday	Bio AETCOM		py 6.1 functional anatomy of resp system lect	py 11.13 history and general examination pract bio pract bi 3.10 interpret levels of glucose level carb metab sgd		an71.2cartilage histologypractical	
17 April 21	Saturday	an 21.3 thoracic cage boundary lecture	py 6.1 functional anatomy of resp system lect	CM 5.1 Food groups: Carbohydrates (L) 5.1 (Nutrition) Spotting SGD		cm Formative assessment and Feedback	an21.3thoracic cage dissection/practical	

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
19 April 21	Monday	an21.4-21-7inter costal spaces lecture	an 69.1-63.3 circulatory system histology integration with physiology lecture	py 6.2 muscles of respiration lect	biopractbi 3.5carbanddiseasessgd		FOUNDATION	
20 April 21	Tuesday	bio Formative assessment &Feedback	FOUNDATION			py Formative assessment &Feedback	FOUNDATION	
21 April 21	Wednesday	py 6.2 pressure changes during ventilation lect	an 21.5-21.7 inter costal nerves, blood vessel th	an 21.8-21.10 respiratory movements lecture	PY SDL		an21.4-21-7inter costal muscles dissection / practical an 71.1 bone histology practical	
22 April 21	Thursday	an 21.11 mediastinum lecture	an 25.3-25.4 cvs iii embryology lecture	an 21.1 typical vertebrae doap	an21.4-21-7inter costal muscles dissection / practical an 71.1 bone histology practical		BI SDL	
23 April 21	Friday	bio th b i6.6 biol oxid lecture	py aetcom		biopractbi 3.5carbanddiseasessgd		an 67.1-67.3 muscle histology practical	
24 April 21	Saturday	an 21.11 mediastinum lecture	py 5.9 heart rate lect	AETCOM 1.4 Communication skills (L)		an 21.2 atypical vertebrae doap	an 21.5-21.7 intercostal nerves, blood vessel dissection / practical	

Date	Day/Time	8-9	9-10	10-11	11-12	12-1	2-3	3-4
26 April 21	Monday	AN 22.2 Heart External features TH	PY 5.9 Cardiac Output Lect	Bio Pract BI 3.10 Interpret levels of glucose level carb metab SGD			AN 21.8-21.9 Joints and mechanics of respiration Dissection / Practical integrationwith physiology AN 69.1-63.3 Circulatory system Histology Practical	
27 April 21	Tuesday	BioThBI3.1Chem & Met Carb Lecture	AN 22.2 Heart intenal features integration with physiology Lecture	PY 5.9 Cardiac Output SGD	AN 21.8-21.9 Joints and machanics of respiration Dissection / Practical integrationwith physiology AN 69.1-63.3 Circulatory system Histology Practical		Bio Pract BI 11.21 Glu estimation DOAP	
28 April 21	Wednesday	PY 5 Cardiac Output, ECG Tutorial	BioThBI3.2Chem & Met Carb Lecture	AN 22.3-22.5 Bloodsupplyof Heart and IHD integration with physiology and Medicine Lecture	PY5 BP Regulation, Shock Tutorial PY 6 Mechanics of Ventilation, Transport of Gases Tutorial		AN 21.8-21.9 Joints and mechanics of respiration Dissection / Practical integrationwith physiology	
29 April 21	Thursday	AN 22.6-22.7 Fibrous skeleton and conducting system integration with physiology &Medicine Lecture	PY 5.8 Cardiovascular regulatory mechanisms Lect	AN25.2 Respiratory system Embryology Lecture	AN21.11 Mediastinum Dissection/ Practical AN22.1Sinusesof Pericardium Dissection / Practical		PY 5.9 Cardiac Output SGD	
30 April 21	Friday	PY 5 Cardiac Output, ECG Tutorial	FOUNDATION					

1 TO 2 - LUNCH

