

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Date: 01/02/2021

**Lecture Schedule for the month of February
2020-21 BATCH**

Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM
01.02.2021	Monday	FC 1.5 Hostel and hospital visit (wardens and securities) Rules and regulations and requirements Moderator (Dr.Sudeep and Team)		FC 1.5 Introduction of all four departments and visits (faculties and head of departments) by HOD of departments (divided in to batch)	FC 1.5 Welcome speech – dean, ice breaking with all four HODs, Including introduction to M.B.B.S. (Dean and	FC 1.5 Introduction of medical ethics (Dr Pranav)	LUNCH	FC 1.5 Introduction of subjects, books, assessment methods by three departments by HOD of departments		FC 1.6 Being a medical student – keen observation key to success (Dr.Vinay sharma) Dissection hall	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
02.02.2021	Tuesday		FC 1.10 Introduction of alternate health care system and history of medicine (Dr. Umar farooq)	FC 1.6 & FC 1.7 Group dynamics (Dr. Vinay Sharma Dr. Bhawna) Dissection hall		FC 1.6 Professional qualities of a doctor (Dr. Harnam Singh) (LT)		FC 1.3 Expectation of physician from society (Dr.Ila Pahwa and team) (LT)	FC 1.1 Expectation of society and patient from doctor.(Dr A.C. sharma) (LT)	FC 1.6 Discuss the various career pathways and opportunities for personal growth Dr. Meenakshi jindal	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
03.02.2021	Wednesday		FC 2.4 Patients safety and biohazard (Dr. Atul Kumar)	FC 1.5 Introduction of new M.B.B.S. program Curriculum (examination and university rules) skill and certification Dr. Tanu agarwal (LT)		FC 1.4 Academic ambience (Dr.Vishnu Gupta) (LT)		Extracurricular activities Dr.Anju Mittal, Dr Aruna arya Debate(present medical education and roll of media) (LT)		FC 1.8 Health care delivery system in india (Dr.Nirankar Singh) in deptt. of SPM	Class of computer and languages computer section of library and physiology deptt.) by IT teacher

					Hospital	(on sight training) Dr. Vinay Sharma/ Dr Sachin hospital site	section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
07.02.2021	Sunday	HOLIDAY					

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Lecture Schedule for the month of February 2020-21 BATCH											
Date	Days	07-08am	08-09am	09-10 am	10-11am	11-12am	12-01pm	01-02pm	02-03pm	03-04pm	04-05pm
08.02.2021	Monday	BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions. (SDL)	ANATOMY (L) AN1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	BI1.1 Describe the molecular and functional organization of a cell and its sub cellular components. (L)	ANATOMY AN1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body (DH)		LUNCH	PY1.1 Describe the structure and functions of a mammalian cell (SDL)	BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5	

09.02.2021	Tuesday		BI1.1 Describe the molecular and functional organization of a cell and its subcellular components. (L)	AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function (L)	PY1.2 Describe and discuss the principles of homeostasis (L)	AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function(II) (D)		AN2.1 Describe parts, blood and nerve supply of a long bone AN2.2 Enumerate laws of ossification (D)	COMMUNITY MEDICINE Field visit FC 3.1	Class of computer and languages computer section of library and physiolog y deptt.) by IT teacher FC 5.1 to FC 5.5
10.02.2021	Wednesday		BI3.1 Discuss and differentiate monosaccharid es, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	AN2.2 Enumerate laws of ossification AN2.3 Enumerate special features of a sesamoid bone AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same AN1.2 Describe composition of bone and bone marrow (L)	AN1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same AN2.1 Describe parts, blood and nerve supply of a long bone AN2.2 Enumerate laws of ossification (DH)		BI4.1 Describe and discuss main classes of lipids (Essential/non -essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions. (D)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. (LAB)		Class of computer and languages computer section of library and physiolog y deptt.) by IT teacher FC 5.1 to FC 5.5
11.02.2021	Thursday	AN65.2 Describe the ultrastru	PY1.3 Describe intercellular communication (D)	AN66.1 Describe & identify various types	AN66.1 Describe & identify various types of connective tissue with functional correlation		PY1.6 Describe the fluid compartments of the body, its	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood		Class of computer and languages

		<p>cture of epithelium</p> <p>AN66.2 Describe the ultrastructure of connective tissue (SDL)</p>		<p>of connective tissue with functional correlation</p> <p>AN66.2 Describe the ultrastructure of connective tissue (L)</p>	<p>AN66.2 Describe the ultrastructure of connective tissue</p> <p>AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same</p> <p>AN1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body (DH)</p>			<p>ionic composition & measurements (L)</p>	<p>pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment</p> <p>BI11.1 Describe commonly used laboratory apparatus and equipment's, good safe laboratory practice and waste disposal. (LAB)</p>	<p>computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5</p>
12.02.2021	Friday		<p>AN2.4 Describe various types of cartilage with its structure & distribution in body</p> <p>AN71.2 Identify cartilage under the microscope & describe various types and structure-function correlation of the same</p> <p>INTGRATED LECTURE WITH PATHOLOGY</p>	<p>PY1.5 Describe and discuss transport mechanisms across cell membranes (L)</p>	<p>AN2.5 Describe various joints with subtypes and examples</p> <p>AN2.6 Explain the concept of nerve supply of joints & Hilton's law Ortho (L)</p>	<p>PY1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue (L)</p>		<p>AN2.5 Describe various joints with subtypes and examples</p> <p>AN2.6 Explain the concept of nerve supply of joints & Hilton's law</p> <p>INTGRATED LECTURE WITH ORTHO</p>	<p>AETCOM (1.5) Anatomy (opening session)</p>	<p>Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5</p>
13.02.2021	Saturday		<p>PY1.4 Describe apoptosis – programmed cell death (D)</p>	<p>AN3.1 Classify muscle tissue according to structure & action</p> <p>AN3.2 Enumerate parts of skeletal muscle and differentiate between tendons and</p>	<p>AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same</p> <p>AN71.2 Identify cartilage under the microscope & describe various types and structure-function correlation of the same (DH)</p>			<p>FOUNDATION COURSE FC 2.6 1-2 Sharp objects injuries prevention and guidelines for primary treatment (surgery) Dr. A.C. Sharma</p>	<p>FOUNDATION COURSE FC 2.1 2-4 Basic life support Theory and hands on (Anesthesia)</p>	<p>Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5</p>

				aponeuroses with examples Horizontal Integration with Physiology (L)	
14.02.2021	Sunday	HOLIDAY			

	HOLIDAY	

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Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM	
15.02.2021	Monday	(SDL) (COMMUNITY MEDICINE)	AN3.3 Explain Shunt and spurt muscles AN67.1 Describe & identify various types of muscle under the microscope AN67.2 Classify muscle and describe the structure-function correlation of the same (L)	BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions	AN3.1 Classify muscle tissue according to structure & action AN3.2 Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN67.1 Describe & identify various types of muscle under the microscope AN67.2 Classify muscle and describe the structure-function correlation of the same Horizontal Integration with Physiology		LUNCH	PY3.7 Describe the different types of muscle fibers and their structure (SDL)	BI11.2 Describe the preparation of buffers and estimation of pH. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (LAB)		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5	
16.02.2021	Tuesday	HOLIDAY							HOLIDAY			
17.02.2021	Wednesday	AN4.1 Describe different types of skin & dermatomes in body (SDL)	BI3.1 Discuss and differentiate monosaccharides, disaccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the	AN4.1 Describe different types of skin & dermatomes in body AN4.2 Describe structure & function of skin with its appendages AN4.5 Explain principles of skin incisions (D)	AN4.1 Describe different types of skin & dermatomes in body AN4.2 Describe structure & function of skin with its appendages AN4.5 Explain principles of skin incisions INTGRATED LECTURE WITH DVL (DH)			BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and	BI11.2 Describe the preparation of buffers and estimation of pH. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (LAB)		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5	

			human body				sphingolipids) relevant to human system and their major functions.		
18.02.2021	Thursday	AN66.2 Describe the ultrastructure of connective tissue	PY1.9 Demonstrate the ability to 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. (D)	AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability	AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability AN4.2 Describe structure & function of skin with its appendages AN72.1 Identify the skin and its appendages under the microscope and correlate the structure with function (DH)		PY1.7 Describe the concept of pH & Buffer systems in the body CH/VISIT (L)	BI11.2 Describe the preparation of buffers and estimation of pH. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
19.02.2021	Friday	BI3.1 Discuss and differentiate the monosaccharides, disaccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in	AN4.3 Describe superficial fascia along with fat distribution in body AN4.4 Describe modifications of deep fascia with its functions (DVL)	PY1.5 Describe and discuss transport mechanisms across cell membranes (L)	AN77.1 Describe the uterine changes occurring during the menstrual cycle AN77.2 Describe the synchrony between the ovarian and menstrual cycles INTGRATED LECTURE WITH OBG	PY1.9 Demonstrate the ability to describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their	AN5.1 Differentiate between blood vascular and lymphatic system Horizontal Integration with Physiology AN5.2 Differentiate between pulmonary and systemic circulation AN5.3 List general differences between	AETCOM (1.1) What it means to be a doctor Physiology deptt.	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5

		the human body			applicati ons in Clinical care and research (TEST)	arteries & veins (D)		
20.02.2021	Saturday	AN67.3 Describe the ultra structure of muscular tissue (SDL)	PY3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines Horizontal Integration with Physiology (D)	AN5.4 Explain functional difference between elastic, muscular arteries and arterioles AN5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope	AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope AN69.2 Describe the various types and structure-function correlation of blood vessel AN5.1 Differentiate between blood vascular and lymphatic system Horizontal Integration with Physiology AN5.2 Differentiate between pulmonary and systemic circulation Horizontal Integration with Physiology AN5.3 List general differences between arteries & veins (DH)	FOUNDATION COURSE FC 4.3 1-2 Relation to patient experience of disease Dr. Shubham	FOUNDATION COURSE FC 4.4 & FC 5.5 2-4 Use of online resources for study of medicine Dr.Meenakshi Jindal and Dr. Sharvi (Library computer lab and Physiology)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
21.02.2021	Sunday	HOLIDAY						

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Lecture Schedule for the month of February 2020-21 BATCH											
Date	Days	07-08am	08-09am	09-10 am	10-11am	11-12am	12-01pm	01-02pm	02-03pm	03-04pm	04-05pm
22.02.2021	Monday	<p>AN69.3 Describe the ultrastructure of blood vessels (SDL)</p>	<p>AN5.5 Describe portal system giving examples AN5.6 Describe the concept of anastomoses and collateral circulation with significance of end-arteries Horizontal Integration with Physiology & Vertical Integration with General medicine AN5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses with Horizontal Integration with Physiology AN5.8 Define</p>	<p>BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism</p>	<p>AN5.5 Describe portal system giving examples AN5.6 Describe the concept of anastomoses and collateral circulation with significance of end-arteries with Horizontal Integration with Physiology & Vertical Integration General medicine AN5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses with Horizontal Integration with Physiology AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope (DH)</p>		LUNCH	<p>PY3.2 Describe the types, functions & properties of nerve fibers (SDL)</p>	<p>BI11.3 Describe the chemical components of normal urine. Vertical Integration General surgery PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (LAB)</p>	<p>Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5</p>	

			thrombosis, infarction & aneurysm Horizontal Integration with Physiology & Vertical Integration with Pathology (L)						
23.02.2021	Tuesday	BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre. (SDL)	BI3.1 Discuss and differentiate monosaccharides, disaccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	AN6.1 List the components and functions of the lymphatic system AN6.2 Describe structure of lymph capillaries & mechanism of lymph circulation (L)	PY3.3 Describe the degeneration and regeneration in peripheral nerves (L)	AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system Vertical Integration General Surgery (L)	AN7.1 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.2 List components of nervous tissue and their functions Horizontal Integration with Physiology (D)	AETCOM (F.1) <u>History of Pandemic and in small groups and identify the reasons (small group discussion with prior information it can be essay writing and discussion)</u> <u>Dr. Shruti Sehgal S.P.M.</u>	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
24.02.2021	Wednesday	AN7.3 Describe parts of a neuron and classify them	BI3.1 Discuss and differentiate monosaccharides, disaccharides and	AN7.4 Describe structure of a typical spinal nerve AN7.5 Describe	AN7.4 Describe structure of a typical spinal nerve AN7.5 Describe principles of sensory and motor innervation of muscles Horizontal Integration with		BI5.1 Describe and discuss structural organization of proteins.	BI11.3 Describe the chemical components of normal urine. Vertical Integration General Surgery PY2.11 Estimate Hb, RBC,	Class of computer and languages computer section of library

		based on number of neurites, size & function Horizontal Integration with Physiology AN66.2 Describe the ultra-structure of connective tissue (SDL)	polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	principles of sensory and motor innervation of muscles Horizontal Integration with Physiology & Vertical Integration with General Medicine AN7.6 Describe concept of loss of innervation of a muscle with its applied anatomy Vertical Integration with General Medicine	Physiology & Vertical Integration with General Medicine AN7.2 List components of nervous tissue and their functions Horizontal Integration with Physiology AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system Vertical Integration General Surgery (DH)
25.02.2021	Thursday		PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses (D)	AN77.3 Describe spermatogenesis and oogenesis along with diagrams AN77.4 Describe the stages and consequences of fertilization (L)	AN7.4 Describe structure of a typical spinal nerve AN7.5 Describe principles of sensory and motor innervation of muscles Horizontal Integration with Physiology & Vertical Integration with General Medicine AN7.6 Describe concept of loss of innervation of a muscle with its applied anatomy Vertical Integration with General Medicine (DH)

		TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (LAB)	and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
		PY3.7 Describe the different types of muscle fibres and their structure (L)	BI11.3 Describe the chemical components of normal urine. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (LAB)
			Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5

26.02.2021	Friday		AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve AN68.2 Describe the structure-function correlation of neuron AN68.3 Describe the ultra-structure of nervous tissue (L)	PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions (L)	AN77.4 Describe the stages and consequences of fertilization AN77.5 Enumerate and describe the anatomical principles underlying contraception (L)	PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth) (L)	
27.02.2021	Saturday	AN68.3 Describe the ultrastructure of nervous tissue	PY3.5 Discuss the action of neuro-muscular blocking agents (D)	AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor		
28.02.2021	Sunday	HOLIDAY					

AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.3 Enumerate peculiarities of clavicle (D)	AETCOM (1.1) What it means to be a doctor Physiology deptt.	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
FOUNDATION COURSE FC 4.10 (1-3) Relationship to practice in modern medicine and Communication to patient and family delivering of bad news And (Medicine Deptt.)	FOUNDATION COURSE (3-4) FC 4.10 National Hazard and your roll Deptt. S.P.M.	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
HOLIDAY		

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Date: 01/03/2021

Lecture Schedule for the month of March 2020-21 BATCH											
Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM
01.03.2021	Monday	(SDL) (COMMUNITY MEDICINE)	AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast (L)	BI5.1 Describe and discuss structural organization of proteins.	AN8.1 Identify the given bone, its side, important features & keep it in anatomical Position AN8.2 Identify & describe joints formed by the given bone AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast (DH)		LUNCH	PY2.1 Describe the composition and functions of blood components (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment BI11.3 Describe the chemical components of normal urine. (LAB)		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
02.03.2021	Tuesday	AN68.3 Describe the ultrastructure of nervous tissue (SDL)	BI3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage. INTRIGATED WITH G.M (L)	AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage INTRIGATED WITH G.S (DH)	PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles (L)			AN10.1 Identify & describe boundaries and contents of axilla (D)	COMMUNITY MEDICINE Field visit FC 3.2 FC .3.3		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC

03.03.2021	Wednesday		<p>BI3.3 Describe and discuss the digestion and assimilation of carbohydrates from food. INTRIGATED WITH G.M (L)</p>	<p>AN10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein (L)</p>		<p>AN8.1 Identify the given bone, its side, important features & keep it in anatomical Position AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage (DH)</p>		<p>BI5.1 Describe and discuss structural organization of proteins.</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment BI11.3 Describe the chemical components of normal urine. INTRIGATED WITH G.M (LAB)</p>	5.5 Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
04.03.2021	Thursday	<p>AN9.3 Describe development of breast (SDL)</p>	<p>PY2.2 Discuss the origin, forms, variations and functions of plasma Proteins INTRIGATED WITH BIO (D)</p>	<p>AN78.1 Describe cleavage and formation of blastocyst</p>		<p>AN8.1 Identify the given bone, its side, important features & keep it in anatomical Position AN10.1 Identify & describe boundaries and contents of axilla AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.7 Explain anatomical basis of enlarged axillary lymph nodes (DH)</p>		<p>PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth) (L)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment BI11.4 Perform urine analysis to estimate and determine normal and abnormal Constituents INTRIGATED WITH G.M (LAB)</p>	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
05.03.2021	Friday	<p>BI1.1 Describe the molecular and</p>	<p>AN10.3 Describe, identify and demonstrate formation,</p>	<p>PY5.2 Describe the properties of cardiac muscle including its</p>	<p>AN78.2 Describe the development of trophoblast (L)</p>	<p>PY3.10 Describe the mode of muscle contraction</p>		<p>AN10.3 Describe, identify and demonstrate formation,</p>	<p>AETCOM (PY)1.1 Describe the structure and functions of a mammalian cell</p>	Class of computer and languages

		functional organization of a cell and its subcellular components. (SDL)	branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus (L)	morphology, electrical, mechanical and metabolic functions (L)		(isometric and isotonic) (L)		branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.5 Explain variations in formation of brachial plexus AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis (L)		computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
06.03.2021	Saturday	AN77.6 Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".	PY3.11 Explain energy source and muscle metabolism PY3.12 Explain the gradation of muscular activity PY3.13 Describe muscular dystrophy: myopathies (D)	AN10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi AN10.9 Describe the arterial anastomosis around the scapula and	AN8.1 Identify the given bone, its side, important features & keep it in anatomical Position AN8.2 Identify & describe joints formed by the given bone AN10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage			FOUNDATION COURSE FC 2.9 1-2 Publishing of research article and rules (2) Dr. Sapna	FOUNDATION COURSE FC 2.2 2-4 Methods of dressings and fracture support first aid (Nursing Staff under observation of deptt. of orthopedics)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1

			mention the boundaries of triangle of auscultation AN10.11 Describe & demonstrate attachment of serratus anterior with its action (D)					to FC 5.5
07.03.2021	Sunday	HOLIDAY						

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Lecture Schedule for the month of March 2020-21 BATCH											
Date	Days	07-08am	08-09am	09-10 am	10-11am	11-12am	12-01pm	01-02pm	02-03pm	03-04pm	04-05pm
08.03.2021	Monday		AN10.10 Describe and identify the deltoid and rotator cuff muscles (AND SPACES)	BI5.3 Describe the digestion and absorption of dietary proteins.	AN8.1 Identify the given bone, its side, important features & keep it in anatomical Position AN8.2 Identify & describe joints formed by the given bone AN10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein AN10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular Injections (DH)			PY5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system. (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5	
09.03.2021	Tuesday	AN8.6 Describe scaphoid fracture and explain the anatomy	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors.	AN10.12 Describe and demonstrate shoulder joint for- type, articular surfaces, capsule,	PY5.3 Discuss the events occurring during the cardiac cycle (L)	AN10.12 Describe and demonstrate shoulder joint for- type, articular surfaces, capsule,		AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and	COMMUNITY MEDICINE Field visit FC 3.4		Class of computer and languages computer section of library and

		cal basis of avascular Necrosis (SDL)	Enumerate the main classes of IUBMB nomenclature.	synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy INTRIGATED WITH ORTHO
10.03.2021	Wednesday		BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature.	AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm	AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN10.12 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii (Other Exam)
11.03.2021	Thursday	HOLIDAY			
12.03.2021	Friday	BI6.6 Describe the biochemical processes involved in generation of energy in cells. (SDL)	AN11.3 Describe the anatomical basis of Venepuncture of cubital veins AN11.5 Identify & describe boundaries and contents of cubital fossa (D)	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis (L)	AN78.3 Describe the process of implantation & common abnormal sites of implantation AN78.4 Describe the formation of extra-embryonic PY5.3 Discuss the events occurring during the cardiac cycle (L)

triceps brachii		physiology deptt.) by IT teacher FC 5.1 to FC 5.5
BI9.3 Describe protein targeting & sorting along with its associated disorders.	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
HOLIDAY		
AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate (D)	AETCOM (1.1) What it means to be a doctor Physiology deptt	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5

					mesoderm and coelom, bilaminar disc and prochordal plate (L)		
13.03.2021	Saturday		PY5.4 Describe generation, conduction of cardiac impulse (D)	AN11.4 Describe the anatomical basis of Saturday night paralysis AN11.6 Describe the anastomosis around the elbow joint (D)	AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.5 Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of misinform AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis (DH)		
14.03.2021	Sunday	SUNDAY					

FOUNDATION COURSE FC 4.1 & FC 4.3 1-2 Relation of doctor with medical fraternity Dr. Bharti Maheshwari	FOUNDATION COURSE 2-4 FC 2.4 FC 2.5 FC 2.6 Operation theater visits and protocol Anatomy/Physiology/Biochemistry	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
SUNDAY		

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

**Lecture Schedule for the month of March
2020-21 BATCH**

Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM
15.03.2021	Monday	(SDL) (COM MUNIT Y MEDIC INE)	AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions	BI6.6 Describe the biochemical processes involved in generation of energy in cells.	AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions (DH)		LUNCH	PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents (LAB)		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
16.03.2021	Tuesday		BI2.3 Describe and explain the basic principles of enzyme activity	AN12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm (D)	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanism (L)	AN12.3 Identify & describe flexor retinaculum with its attachment AN12.4 Explain anatomical basis of carpal tunnel syndrome (D)		AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.6 Describe & demonstrate movements of thumb and muscles involved	COMMUNITY MEDICINE FC 3.5 FC .3.6		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5

17.03.2021	Wednesday		<p>BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes INTRIGRATED WITH G.M</p>	<p>AN12.7 Identify & describe course and branches of important blood vessels and nerves in hand AN12.8 Describe anatomical basis of Claw hand (L)</p>	<p>AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.5 Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.6 Describe & demonstrate movements of thumb and muscles involved (DH)</p>		<p>BI6.6 Describe the biochemical processes involved in generation of energy in cells. (D)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (LAB)</p>	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
18.03.2021	Thursday	<p>BI8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molec</p>	<p>PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions (D)</p>	<p>AN78.5 Describe in brief abortion; decidual reaction, pregnancy test AN79.1 Describe the formation & fate of the primitive streak (L)</p>	<p>AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.6 Describe & demonstrate movements of thumb and muscles involved</p>		<p>PY5.7 Describe and discuss haemodynamics of circulatory system (L)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (LAB)</p>	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5

		ules & its importance)									
19.03.2021	Friday		<p>AN12.14 Identify & describe compartments deep to extensor retinaculum</p> <p>AN12.15 Identify & describe extensor expansion formation</p>	<p>PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis</p> <p>INTRIGRATED WITH G.M</p> <p>(L)</p>	<p>(ECE) AN12.12 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm</p> <p>AN12.8 Describe anatomical basis of Claw hand</p> <p>AN12.13 Describe the anatomical basis of Wrist drop</p>			<p>PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure</p> <p>(L)</p>	<p>AETCOM</p> <p>(1.2)</p> <p>What it means to be a Patient</p> <p>Biochemistry deptt</p>	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5	
20.03.2021	Saturday		<p>PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure</p> <p>(D)</p>	<p>AN13.1 Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage</p> <p>(D)</p>	<p>AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis</p> <p>AN13.6 Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula</p> <p>AN13.7 Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis</p> <p>(DH)</p>			<p>FOUNDATIO N COURSE</p> <p>FC 4.2 FC 4.1</p> <p>1-2</p> <p>Communication with medical faculty</p> <p>Dr. Vishnu Gupta</p>	<p>FOUNDATI ON COURSE</p> <p>FC 4.14 FC 4.3</p> <p>2-3</p> <p>Peer assisted learning</p> <p>Dr. Bhawna Sharma</p>	<p>FOUNDAT ION COURSE</p> <p>FC 2.7</p> <p>3-4</p> <p>Management of BWM accordance to National regulation</p> <p>Dr. Sachin Sharma (micro)</p>	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
21.03.2021	Sunday		SUNDAY								

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Lecture Schedule for the month of March 2020-21 BATCH											
Date	Days	07-08am	08-09am	09-10 am	10-11am	11-12am	12-01pm	01-02pm	02-03pm	03-04pm	04-05pm
22.03.2021	Monday		AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint (D)	BI6.6 Describe the biochemical processes involved in generation of energy in cells.	AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint (DH)		LUNCH	PY2.5 Describe different types of anemia's & Jaundice (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography INTRIGRATED WITH G.M (LAB)		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
23.03.2021	Tuesday	AN13.2 Describe dermatomes of upper limb (SDL)	BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints,	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms (L)	AN13.5 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and Class of computer and languages		AN21.1 Identify and describe the salient features of sternum, typical rib, 1st rib and typical thoracic vertebra (D)	COMMUNITY MEDICINE Field visit		Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5

				wrist joint & first carpometacarpal joint	computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5 hand INTRIGRATED WITH RADIO (D)
24.03.2021	Wednesday		BI2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions. INTRIGRATED WITH G.M	P.C.T(Anatomy)	
25.03.2021	Thursday		PY6.1 Describe the functional anatomy of respiratory tract (D)	AN79.2 Describe formation & fate of notochord AN79.3 Describe the process of neurulation (L)	AN21.1 Identify and describe the salient features of sternum, typical rib, 1st rib and typical thoracic vertebra AN21.2 Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae (DH)
26.03.2021	Friday		(LINKER CLASS) RESPIRATION MECHANISM) AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles AN21.5 Describe & demonstrate origin, course, relations and		

BI6.6 Describe the biochemical processes involved in generation of energy in cells.	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography INTRIGRATED WITH G.M (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5	
PY5.7 Describe and discuss haemodynamics of circulatory system (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography INTRIGRATED WITH G.M (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5	
AN21.5 Describe & demonstrate origin, course, relations and	AETCOM (1.2) What it means to be a Patient	Class of computer and languages computer section of	

			branches of a typical intercostal nerve PY6.1 Describe the functional anatomy of respiratory tract PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs		
27.03.2021	Saturday		PY2.6 Describe WBC formation (granulopoiesis) and its regulation (D)	AN21.6 Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels (D)	AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles AN21.5 Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve AN21.6 Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels (DH)
28.03.2021	Sunday	SUNDAY			

branches of a typical intercostal nerve	Biochemistry deptt.	library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
FOUNDATION COURSE FC 2.8 1-2 Discuss the immunization requirement of health care Professionals (S.P.M.)	FOUNDATION COURSE FC 2.8 2-4 Discuss the immunization requirement of health care Professionals(demo) (S.P.M.)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5
SUNDAY		

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Lecture Schedule for the month of March 2020-21 BATCH												
Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM	
29.03.2021	Monday	HOLI VACATION						HOLI VACATION				
30.03.2021	Tuesday											
31.03.2021	Wednesday	AN21.10 Describe costochondral and interchondral joints (SDL)	BI2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions. (L)	AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum (L)	AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum (DH)			BI2.6 Discuss use of enzymes in laboratory investigations (Enzyme-based assays) INTRIGATED WITH G.M	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher FC 5.1 to FC 5.5		

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Date: 01/04/2021

Lecture Schedule for the month of April 2020-21 BATCH												
Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM	
01.04.2021	Thursday	AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia (SDL)	PY2.6 Describe WBC formation (granulopoiesis) and its regulation (D)	AN24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy (L)	AN24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy (DH)		L U N C H	PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulated environment BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol (LAB)		Sports and extracurricular activities	
02.04.2021	Friday	HOLIDAY							HOLIDAY			
03.04.2021	Saturday		PY2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (D)	AN24.2 Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate AN24.3 Describe a (DH) bronchopulmonary segment AN24.4 Identify phrenic nerve & describe its formation & distribution AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs	(ECE)				FOUNDATION COURSE FC 2.1 1-2 Perform session on basic life support Dr.Anil singh Skill Lab	FOUNDATION COURSE FC 2.1 2-3 Hands on session of first aid Nursing in charge and team	FOUNDATION COURSE FC 4.2 & FC 4.3 Inter personal relations hip Dr.Anju Mittal and team	Sports and extracurricular activities

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Date: 01/04/2021

Lecture Schedule for the month of April 2020-21 BATCH											
Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM
05.04.2021	Monday	(SDL) (COMMUNITY MEDICINE)	AN24.4 Identify phrenic nerve & describe its formation & distribution AN24.6 Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea AN25.1 Identify, draw and label a slide of trachea and lung (L)	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	AN24.4 Identify phrenic nerve & describe its formation & distribution AN25.1 Identify, draw and label a slide of trachea and lung (DH)		L U N C H	PY2.7 Describe the formation of platelets, functions and variations. (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment BI11.6 Describe the principles of colorimetry (LAB)		Sports and extracurricular activities
06.04.2021	Tuesday		BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism,	AN22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium (L)	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms (L)	AN22.2 Describe & demonstrate external and internal features of each chamber of heart (D)		AN22.2 Describe & demonstrate external and internal features of each chamber of heart (D)	COMMUNITY MEDICINE		Sports and extracurricular activities

		development. (SDL)	coronary sinus AN22.7 Mention the parts, position and arterial supply of the conducting system of heart (D)	WITH G.M (L)		(L)	drainage and applied anatomy of oesophagus (L)	Biochemistry deptt	
10.04.2021	Saturday		PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation (D)	AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy	AN22.6 Describe the fibrous skeleton of heart AN23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy (DM)		FC 2.9 Patient consent Dr. Harnam singh	Advocate social inclusion by raising awareness of human rights of person with disabilities(SDL) FC 4.5 Debate Dr. Ajmal and Dr.Sangeeta Jain Sharma	Sports and extracurricular activities
11.04.2021	Sunday	HOLIDAY							

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Date: 01/04/2021

Lecture Schedule for the month of April 2020-21 BATCH											
Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM
12.04.2021	Monday	(SDL) (COMMUNITY MEDICINE)	AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins (L)	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins INTRIGATED WITH G.S (DH)		L U N C H	PY2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) INTRIGATED WITH PATHO (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY6.8 Demonstrate the correct technique to perform & interpret Spirometry BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance INTRIGATED WITH G.M (LAB)		Sports and extracurricular activities
13.04.2021	Tuesday	AN23.6 Describe the splanchnic nerves	BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain AN23.7 Mention the	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide (L)	AN79.4 Describe the development of somites and intra-embryonic coelom AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects			AN44.1 Describe & demonstrate the Planes (transpyloric, transtuberular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen (D)	FC 4.1 FC 4.2 Unethical and unprofessional behavior Dr Pranav	COMMUNITY MEDICINE

				extent, relations and applied anatomy of lymphatic duct (D)		(L)			
14.04.2021	Wednesday		BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	AN49.2 Describe & identify Perineal body (L)	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain AN23.7 Mention the extent, relations and applied anatomy of lymphatic duct (DH)		BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders. (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY6.8 Demonstrate the correct technique to perform & interpret Spirometry BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance (LAB)	Sports and extracurricular activities
15.04.2021	Thursday	AN79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein AN79.5 Explain embryological basis of congenital malforma	PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation (D)	AN80.1 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & deciduas (L)	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain (DH)		PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY6.8 Demonstrate the correct technique to perform & interpret Spirometry BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance (LAB)	Sports and extracurricular activities

		tions, nucleus pulposus, sacrocc ygeal teratomas , neural tube defects (SDL)							
16.04.2021	Friday		AN45.1 Describe Thoracolumba r fascia (D)	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure INTERIGRATED WITH G.M (L)	AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall AN44.7 Enumerate common Abdominal incisions (D)	PY5.11 Describe the patho- physiology of shock, syncope and heart failure (L)	AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier (L)	AETCOM (1.3) Doctor patient Relationship Biochemistry deptt	Sports and extrac urricul ar activiti es
17.04.2021	Saturday	AN13.8 Describe developm ent of upper limb (SDL)	PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation (D)	AN44.3 Describe the formation of rectus sheath and its contents AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. AN44.7 Enumerate common Abdominal incisions (ECE) Anatomy			FC 4.1 & FC 4.2 FC 4.3 Concept of professionalism Dr.Vinay Sharma	FC 4.4 & FC 4.10 Role model and making of healthcare team to complete a health project Ex . Pulse polio S.P.M.Team	Sports and extrac urricul ar activiti es
18.04.2021	Sunday	HOLIDAY							

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Date: 01/04/2021

Lecture Schedule for the month of April 2020-21 BATCH												
Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM	
19.04.2021	Monday	(SDL) (COMMUNITY MEDICINE)	AN45.1 Describe Thoracolumbar fascia (D)	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	AN44.3 Describe the formation of rectus sheath and its contents AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall (DH)			PY2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance (LAB)		Sports and extracurricular activities	
20.04.2021	Tuesday	BI8.2 Describe the types and causes of protein energy malnutrition and its effects. (SDL)	BI3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders.	AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. (L)	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide (L)	AN44.5 Explain the anatomical basis of inguinal hernia. INTEGRATED WITH G.M		AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins AN80.5 Describe role of placental hormones in uterine growth & parturition (L)	FC 4.5 Maintain Confidentiality Dr.Akhil Kumar Gupta	FC 4.5 Have an understanding of accessible healthcare setting for patients with disabilities, including universal design Dr. Meenakshi Jindal	Sports and extracurricular activities	
21.04.2021	Wednesday	HOLIDAY						HOLIDAY				
22.04.2021	Thursday	AN80.6	PY2.10 Define	AN46.1	AN44.1 Describe &			PY6.2 Describe	PY2.11 Estimate Hb, RBC,		Sports and	

		Explain embryological basis of estimation of fetal age. AN80.7 Describe various types of umbilical cord attachments	and classify different types of immunity. Describe the development of immunity and its regulation (D)	Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy AN46.2 Describe parts of Epididymis AN46.4 Explain the anatomical basis of Varicocele (L)	demonstrate the Planes (transpyloric, transtuberular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen AN44.5 Explain the anatomical basis of inguinal hernia. AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall (DH)	the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs (L)	TLC, RBC indices, DLC, Blood groups, BT/CT PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance (LAB)	extracurricular activities	
23.04.2021	Friday	BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre. (SDL)	AN45.3 Mention the major subgroups of back muscles, nerve supply and action (D)	PY6.7 Describe and discuss lung function tests & their clinical significance (L)	AN45.2 Describe & demonstrate Lumbar plexus for its root value, formation & branches (L)	PY5.11 Describe the pathophysiology of shock, syncope and heart failure (L)	AN81.1 Describe various methods of prenatal diagnosis AN81.2 Describe indications, process and disadvantages of amniocentesis AN81.3 Describe indications, process and disadvantages of chorion villus biopsy (D)	AETCOM (1.3) Doctor patient Relationship Biochemistry deptt	Sports and extracurricular activities
24.04.2021	Saturday		PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation (D)	AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac (L)	AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac (DH)	FC 2.9 & FC 4.1 Importance of documentation In medical profession Dr. Harnam Singh	FC 4.1 & FC 4.2 Value of integrity And honesty and respect during interaction	FC 4.1 & FC 4.2 Privilege communication in medical ethics Dr. Harnam Singh	Sports and extracurricular activities

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Date: 01/04/2021

Lecture Schedule for the month of April 2020-21 BATCH												
Date	Days	07-08AM	08-09AM	09-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM	
26.04.2021	Monday	TERM EXAMINATION					LUNCH	TERM EXAMINATION				
27.04.2021	Tuesday											
28.04.2021	Wednesday											
29.04.2021	Thursday											
30.04.2021	Friday											

**LECTURE SCHEDULE FOR THE MONTH OF MAY
2020-21 BATCH**

Date	Days	08-09AM	9-10 AM	10-11AM	11-12AM	12-01PM	01-02PM	02-03PM	03-04PM	04-05PM	
01.05.2021	Saturday	TERMINAL EXAMINATION				LUNCH	TERMINAL EXAMINATION				
02.05.2021	Sunday	Sunday					Sunday				

**LECTURE SCHEDULE FOR THE MONTH OF MAY
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
03.05.2021	Monday	AN47.2 Name & identify various peritoneal folds & pouches with its explanation (L)	BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis (L)	AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac AN47.2 Name & identify various peritoneal folds & pouches with its explanation (DH)		LUNCH	PY4.1 Describe the structure and functions of digestive system (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment BI11.9 Demonstrate the estimation of serum total cholesterol and Dicholesteryl (LAB)	
04.05.2021	Tuesday	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation. (L)	AN47.2 Name & identify various peritoneal folds & pouches with its explanation AN47.4 Explain anatomical basis of Subphrenic abscess (L)	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide (L)	AN25.2 Describe development of pleura, lung & heart (L)		AN25.2 Describe development of pleura, lung & heart (L)	COMMUNITY MEDICINE	
05.05.2021	Wednesday	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation. (L)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle			BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol (LAB)	

			<p>other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (L)</p>	<p>puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (DH)</p>		
06.05.2021	Thursday	<p>PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p>		<p>PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion (L)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol (LAB)</p>

		bile secretion (D)	(L) AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) (DH)				
07.05.2021	Friday	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (LIVER)</p> <p>(LINKER CLASS LIVER AND BILLARY)</p> <p>PY4.7 Describe & discuss the structure and functions of liver and gall bladder</p> <p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different</p> <p>PY4.7 Describe & discuss the structure and functions of liver and gall bladder</p>		<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different</p>	<p>AETCOM (1.3) Doctor patient Relationship Biochemistry deptt (SDL)</p>	<p>FC 4.2 FC 4.3 Privileged communication in medical ethics Dr.Harnam Singh</p>	
08.05.2021	Saturday	<p>PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion</p> <p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical</p>	<p>FC 4.5 4.5.7 Have an understanding of accessible healthcare setting for patients with disabilities, including universal design Dr. Manju Sharma</p>	<p>FC 4.5 4.5.7 Have an understanding of accessible healthcare setting for patients with disabilities, including</p>		

**LECTURE SCHEDULE FOR THE MONTH OF MAY
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
10.05.2021	Monday	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (SPLEEN) (D)</p>	<p>BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (SPLEEN) (DH)</p>			<p>PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion (SDL)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT</p> <p>PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment</p> <p>BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol (LAB)</p>	

11.05.2021	Tuesday	<p>BI3.7 Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus,</p>	<p>PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide (L)</p>	<p>AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery (D)</p>	<p>AN25.2 Describe development of pleura, lung & heart (L)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (DH)</p>
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			Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (EXTRA HEPATIC BILLARY)			
12.05.2021	Wednesday	BI6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states. (L)	(ECE) AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland		BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol (LAB)

		(EXTRA HEPATIC BILIARY)						
13.05.2021	Thursday	<p style="text-align: center;">(LINKER CLASS PANCREAS)</p> <p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland</p> <p style="text-align: center;">INTRIGATED WITH PHYSIOLOGY</p>					<p>PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs (L)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT</p> <p>PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment</p> <p>BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol (LAB)</p>
14.05.2021	Friday	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of</p>	<p>PY6.4 Describe and discuss the physiology of high altitude and deep sea diving (L)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of</p>	<p>PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness. (L)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of</p>	<p style="text-align: center;"><u>AETCOM 1.4 The foundation of communication(Physiology)</u></p>	

		<p>needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (CEACUM & APPANDIX)</p>	<p>needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (CEACUM & APPANDIX) (D)</p>		<p>needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (LARGE & SMALL INTENTINS)</p>	
15.05.2021	Saturday	Holiday				Holiday
16.05.2021	Sunday	Sunday				

**Lecture Schedule for the month of May
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	4-5PM
17.05.2021	Monday	AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery (S.M.A) (I.M.A) (D)	BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery (S.M.A) (I.M.A) (D)		LUNCH	PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre. (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.10 Demonstrate the estimation of triglycerides (LAB)		
18.05.2021	Tuesday	BI6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states.	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, referred pain around umbilicus, radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach			AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein (D)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in		

applied aspects)
AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach
AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland

AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland
(CEACUM & APPANDIX) (DH)

cholecystitis, Obstructive jaundice, referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach
AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Esophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland
(DH)

(CEACUM & APPANDIX) (D)

BI6.1
Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states.

AN47.8
Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein
AN47.10
Enumerate the sites of portosystemic anastomosis
AN47.11 Explain the anatomic basis of hematemesis & caput medusae in portal hypertension
(L)

AN47.1
Describe & identify boundaries and recesses of Lesser & Greater sac
AN47.5
Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)
AN47.6
Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach
AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein
INTREGATED WITH G.S

BI4.6
Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.

PY2.11
Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT
PY10.11
Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment
BI11.10
Demonstrate the estimation of triglycerides
(LAB)

19.05.2021 Wednesday

PY7.1 Describe structure and function of kidney
(D)

AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic

AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)
AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach

PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing
(L)

PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT
PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment
BI11.10 Demonstrate the estimation of triglycerides
(LAB)

20.05.2021 Thursday

drainage and applied aspects)
AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach
AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal

AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland
(DH) (KIDNEY)

			gland (KIDNEY) (L)				
21.05.2021	Friday	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN52.1 Describe & identify the microanatomical</p>	<p>PY6.4 Describe and discuss the physiology of high altitude and deep sea diving (L)</p>	<p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN47.7 Mention the clinical importance of Calot's triangle (D)</p>	<p>PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness. (L)</p>	<p>AN25.2 Describe development of pleura, lung & heart</p> <p>AN25.4 Describe embryological basis of: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo-oesophageal fistula</p>	<p><u>AETCOM 1.4 The foundation of communication</u>(Physiology)</p>

features of Gastro-intestinal system:
 Oesophagus,
 Fundus of stomach, Pylorus of stomach,
 Duodenum,
 Jejunum, Ileum,
 Large intestine,
 Appendix, Liver,
 Gall bladder,
 Pancreas &
 Suprarenal gland
(L) (KIDNEY)

22.05.2021

Saturday

PY4.5 Describe the source of GIT hormones, their regulation and functions
(D)

AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)
AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture),

AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)
AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach
AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland

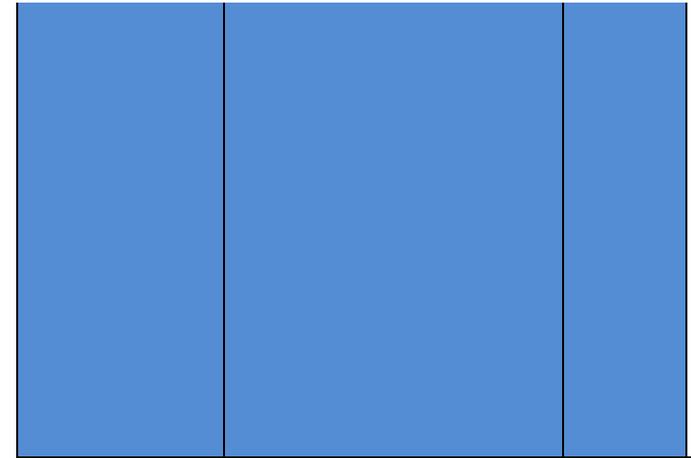
FC 4.1 FC 4.3

Gender and medicine (surgery)
 Dr. A.C. Sharma,
 Dr. Prachi Tyagi
 (LT)

FC 4.1 FC 4.2 FC 4.3

Observation of Doctors Behavior in OPD (batch wise in OPD)
 All three preclinical deptt.

Referred pain in
cholecystitis,
Obstructive
jaundice,
Referred pain
around
umbilicus,
Radiating pain
of kidney to
groin &
Lymphatic
spread in
carcinoma
stomach



23.05.2021

Sunday

Sunday

Sunday

**Lecture Schedule for the month of May
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
24.05.2021	Monday	AN47.12 Describe important nerve plexuses of posterior abdominal wall\ (D)	BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr’s sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN47.12 Describe important nerve plexuses of posterior abdominal wall (DH)		LUNCH	PY4.4 Describe the physiology of digestion and absorption of nutrients (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.11 Demonstrate estimation of calcium and phosphorous (LAB)	
25.05.2021	Tuesday	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these.	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations,	PY4.6 Describe the Gut-Brain Axis (L)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and		AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply,	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr’s sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice,	

		<p>blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord (URETER) (L)</p>	<p>other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis Female</p>	<p>nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord AN48.5 Explain the anatomical basis of suprapubic cystostomy,</p>	<p>Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (DH)</p>
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				reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord (URINARY BLADDER)(L)	Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.6 Describe the neurological basis of Automatic bladder (URINARY BLADDER)(L)	
26.05.2021	Wednesday	HOLIDAY				HOLIDAY
27.05.2021	Thursday	PY4.6 Describe the Gut-Brain Axis (D)	AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) AN46.5 Explain the anatomical basis of Phimosis & Circumcision (L)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment B11.11 Demonstrate estimation of calcium and phosphorous (LAB)

28.05.2021	Friday	<p>AN 47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN52.2 Describe & identify the micro anatomical features of: Urinary system: Kidney, Ureter & Urinary bladder</p>	<p>PY 7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism (L)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer</p> <p>AN48.8 Mention the structures palpable during vaginal & rectal examination</p> <p>AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord</p> <p>INTREGATED WITH G.S</p>		<p>PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness. (L)</p>	<p><u>AETCOM 1.4 The foundation of communication</u>(Physiology)</p>
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		Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord (SUPRA RENAL GLAND) (D)		(DH)		
29.05.2021	Saturday	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests (D)	AN25.3 Describe fetal circulation and changes occurring at birth	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	FC 4.1 FC 4.9 FC 4.2 Rights of patient and right of doctor Dr.Harnam Singh	FC 4.1 FC 4.2 Unethical and unprofessional behavior Dr Pranav, Dr. Vinay Sharma (Dissection hall, Department of Anatomy)
30.05.2021	Sunday	Sunday			Sunday	

Lecture Schedule for the month of May 2020-21 BATCH									
Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-01PM	1-2PM	2-3PM	3-4PM
31.05.2021	Monday	AN49.2 Describe & identify Perinea body AN49.3 Describe & demonstrate Perinea membrane in male & female	BI4.7 Interpret laboratory results of analyses associated with metabolism of lipids.	AN49.2 Describe & identify Perinea body		LUNCH	PY4.4 Describe the physiology of digestion and absorption of nutrients (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.11 Demonstrate estimation of calcium and phosphorous (LAB)	

➤ Sports and extracurricular activities full month May

**Lecture Schedule for the month of JUNE
2020-21 BATCH**

Date	Days	7-8AM	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
01.06.2021	Tuesday		BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle.	AN49.1 Describe & demonstrate the superficial & deep perineal pouch (boundaries and contents) AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure INTEGRATED WITH G.S (L)	PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance (L)	AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure INTEGRATED WITH OBG (L)	L U N C H	AN50.1 Describe the curvatures of the vertebral column AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis AN50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture) (D)	COMMUNITY MEDICINE	
02.06.2021	Wednesday	AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure (SDL)	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription	(ECE) AN50.1 Describe the curvatures of the vertebral column AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis AN50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture) AN50.4 Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida AN51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane)			PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.3 Describe the chemical components of normal urine.		

			tion & translation mechanisms			mechanism (L)	(LAB)
03.06.2021	Thursday		<p>PY7.7 Describe artificial kidney, dialysis and renal transplantation (D)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (UTERUS) (L)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (UTERUS) (DH)</p>	<p>PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities (L)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.3 Describe the chemical components of normal urine. (LAB)</p>

04.06.2021	Friday		<p>AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord (HISTO)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (UTERUS) (L)</p>	<p>BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands. BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). BI6.15 Describe the abnormalities of kidney, liver, thyroid and adrenal glands.</p>	<p>PY7.4 Describe & discuss the significance & implication of Renal clearance (L)</p>	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to</p>	<p>AETCOM 1.4 <u>The foundation of communication</u> (Physiology) SDL</p>	<p>FC 4.9 Research and ethical committee Dr.Nirankar Singh</p>
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							groin & Lymphatic spread in carcinoma stomach		
06.06.2021	Saturday	(SDL) (1.4) (AETCOM)	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination. (D)	AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, As deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord	AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, As deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord		FC 2.9 Ethics of prescription writing And rules (medicine) Dr. Sanjay Verma	FC 4.7 FC 4.8 FC 4.10 Discuss the significance and methods of stress management and risk taking behavior Understand the role of yoga and meditation in personal health Dr.Shubham(psychiatry)	Demonstrate the use of verbal and non-verbal communication techniques while communicating with people with disabilities, FC 4.5.6 Demonstrate a nondiscriminatory behaviour towards patients or caregivers with disabilities Dr.SumanBharatiya
06.06.2021	Sunday	Sunday					Sunday		

**Lecture Schedule for the month of JUNE
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
07.06.2021	Monday	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread</p>	<p>BI6.3 Describe the common disorders associated with nucleotide metabolism.</p>	<p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach</p> <p>AN55.1 Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring, McBurney's point, Renal Angle & Murphy's point</p> <p>AN50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture)</p> <p>AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery</p> <p>(DH)</p>		LUNCH	<p>PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism</p> <p>(SDL)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT</p> <p>PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment</p> <p>BI11.14 Demonstrate the estimation of alkaline phosphatase</p> <p>(LAB)</p>	

		in carcinoma stomach (RECTUM ANAL CANNAL)					
08.06.2021	Tuesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	ANA- LATERAL PELVIC WAL	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism (L)	AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	COMMUNITY MEDICINE
09.06.2021	Wednesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx) AN54.1 Describe & identify features of plain X ray abdomen INTREGATED WITH OBG			(ECE – BIO) BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.14 Demonstrate the estimation of alkaline phosphatase (LAB)	
10.06.2021	Thursday	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination. (D)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.2 Describe the features of normafrontalis, verticalis, occipitalis, lateralis and basalis	AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx) AN54.1 Describe & identify features of plain X ray abdomen		PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities (L)	

11.06.2021	Friday	AN27.1Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses (L)	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness (L)	AN28.1Describe & demonstrate muscles of facial expression and their nerve supply AN28.2Describe sensory innervation of face	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. (L)	AN28.3Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels AN28.4Describe & demonstrate branches of facial nerve with distribution AN28.7Explain the anatomical basis of facial nerve palsy AN28.8Explain surgical importance of deep facial vein	PANDAMIC AETCOM MODULE (A)		
12.06.2021	Saturday	PY9.2Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association. (D)	AN28.5Describe cervical lymph nodes and lymphatic drainage of head, face and neck	AN26.1Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.2Describe the features of normafrontalis, verticalis, occipitalis, lateralis and basalis AN26.3Describe cranial cavity, its subdivisions, foramina and structures passing through them AN26.5Describe features of typical and atypical cervical vertebrae (atlas and axis) AN53.4Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx) AN28.5Describe cervical lymph nodes and lymphatic drainage of head, face and neck AN53.2Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet		FC 4.9 Discuss the significance and appropriate ways of time management Dr. Manish Agrawal	FC 4.9 Discuss the significance and appropriate ways of time management Dr. Manish Agrawal	Comprehend the learning pedagogy and its role in learning skills, Demonstrate understanding of different methods of self-directed learning S FC 4.15 & FC 4.13 Understand collaborative learning Dr.TanuAggarwal	
13.06.2021	Sunday	Sunday							

**Lecture Schedule for the month of JUNE
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
14.06.2021	Monday	AN29.1 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.2 Explain anatomical basis of Erb's & Klumpke's palsy AN29.3 Explain anatomical basis of wry neck (D)	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses (DH)		LUNCH	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper Chromatography (LAB)	
15.06.2021	Tuesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. (L)	AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia (L)	PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base balance (L)	AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia AN35.10 Describe the fascial spaces of neck (L)		AN52.7 Describe the development of Urinary system (L)	COMMUNITY MEDICINE	
16.06.2021	Wednesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. (D)	AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia (DH)			BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency (D)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper Chromatography (LAB)	

17.06.2021	Thursday	PY9.7 Describe and discuss the effects of removal of gonads on physiological functions (D)	AN32.1 Describe boundaries and subdivisions of anterior triangle (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication (DH)		PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus BI11.15 Describe & discuss the composition of CSF (LAB)		
18.06.2021	Friday	AN32.1 Describe boundaries and subdivisions of anterior triangle (CAROTID SHEAT)	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness (L)	AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2 Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. (L)	AN52.8 Describe the development of male & female reproductive system (L)	PANDAMIC AETCOM MODULE (B)		
19.06.2021	Saturday	PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results (D)	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae	FC 4.1 FC .4.2 FC 4.3 Describe disability as per United Nations Convention on the Rights of Persons with Disabilities while demonstrating respect for the differences and capacities of	FC 4.1 FC .4.2 Effect of appearance of doctor on society (video clip or role play) Dr. Vinay Sharma			

					<p>persons with disabilities as part of human diversity and humanity</p> <p>Compare and contrast medical and social model of disability.</p> <p>Dr.Akankshasuman</p>		
20.06.2021	Sunday	Sunday			Sunday		

**Lecture Schedule for the month of JUNE
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
21.06.2021	Monday	AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance (L)	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance AN30.3 Describe & identify dural folds & dural venous sinuses (DH)		LUNCH	PY8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)	
22.06.2021	Tuesday	BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression. (D)	AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance AN28.10 Explain the anatomical basis of Frey's syndrome (L)	PY8.1 Describe the physiology of bone and calcium metabolism (L)	AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye		AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye (FACE) (L)	COMMUNITY MEDICINE	
23.06.2021	Wednesday	BI7.3	AN33.1	AN33.1			BI6.5	PY2.11 Estimate Hb, RBC, TLC, RBC	

		Describe gene mutations and basic mechanism of regulation of gene expression.	Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae (INFRATEMPORAL FOSSAE)	Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra	Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)
24.06.2021	Thursday	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (D)	AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	PY9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)

25.06.2021	Friday	<p>LINKER THYROID INTROGRATED WITH SURGERY AN8.2Identify & describe joints formed by the given bone PY8.2Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus AN35.5Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes AN35.8Describe the anatomically relevant clinical features of Thyroid swellings AN43.2Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina PY8.2Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus</p>			AN33.3Describe & demonstrate articulating surface, type & movements of temporomandibular joint AN33.3Describe & demonstrate articulating surface, type & movements of temporomandibular joint (L)	FC 4.3 FC .4.2 Empathy (video clips) and description Dr. Meenakshi Jindal (LT)	FC 4.3 FC .4.2 Doctor in consumer law Dr.Harnam Singh (LT)
26.06.2021	Saturday	PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause (D)	AN33.1Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra	FC 4.1 FC .4.2 Demonstrate understanding and respect of cultural diversities and interact with those with different cultural values Dr. Manish Agarwal	FC 2.9 Documentation and health records case discussion Dr. Anil Singh	FC 4.14 FC .4.15 Trial of self-directed learning Dr.TanuAggarwal
27.06.2021	Sunday	Sunday			Sunday		

**Lecture Schedule for the month of JUNE
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
28.06.2021	Monday	AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion AN34.2 Describe the basis of formation of submandibular stones (L)	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion (DH)		LUNCH	PY8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)	
29.06.2021	Tuesday	BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression. (D)	AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins (D)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of	AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal junction, optic nerve, cochlea- organ		AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins AN35.6	FC .4.2 Altruism as a virtue of a Physician Lecture by dean academics/ team	FC .4.2 Case Discuss Altruism as an important professional virtue of a physician Dr.Sahid

				pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	of corti, pineal gland (D)	Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain AN31.3 Describe anatomical basis of Horner's syndrome (D)			
30.06.2021	Wednesday	(SDL) AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalscapitis and splenius capitis (D)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7 th cervical vertebra AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalscapitis and splenius capitis (DH)		BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (LAB)		

**Lecture Schedule for the month of JULY
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
01.07.2021	Thursday	PY9.5 Describe and discuss the physiological effects of sex hormones (D)	AN30.3 Describe & identify dural folds & dural venous sinuses (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN30.3 Describe & identify dural folds & dural venous sinuses AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate (DH)				PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.14 Demonstrate the estimation of alkaline phosphatase (LAB)
02.07.2021	Friday	AN31.4 Enumerate components of lacrimal apparatus INTRIGRATED WITH OPHTHA	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	AN30.3 Describe & identify dural folds & dural venous sinuses (CAVERNOUS SINUS)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, (L)	LUNCH	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae (MAXILLARY ARTERY)	ANATOMY (DH) AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae (MAXILLARY ARTERY)	

03.07.2021	Saturday	PY9.10 Discuss the physiological basis of various pregnancy tests (D)	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae (DH)	ECE – BIOCHEMISTRY TOPIC: RICKETS VERTICAL INTEGRATION WITH MEDICINE AND ORTHOPEDICS
04.07.2021	Sunday	Sunday			

**Lecture Schedule for the month of JULY
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
05.07.2021	Monday	AN31.1 Describe & identify extra ocular muscles of eyeball (D)	BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism. (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN31.1 Describe & identify extra ocular muscles of eyeball (DH)			PY10.13 Describe and discuss perception of smell and taste sensation (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents (LAB)	
06.07.2021	Tuesday	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency (L)	AN31.2 Describe & demonstrate nerves and vessels in the orbit AN31.3 Describe anatomical basis of Horner's syndrome (D)	PY10.2 Describe and discuss the functions and properties of synapse, reflex, receptors (L)	AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye (L)		AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye (L)	COMMUNITY MEDICINE	
07.07.2021	Wednesday	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency (L)	AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate (DH)			BIO PCT	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (LAB)	
08.07.2021	Thursday	PY10.14 Describe and	AN36.1 Describe the 1)	AN26.1 Demonstrate anatomical position of skull,			PY8.2 Describe the synthesis,	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT	

		discuss patho-physiology of altered smell and taste sensation (D)	morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate AN36.2 Describe the components and functions of Waldeyer's lymphatic ring AN36.4 Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess (D)	Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra (DH)		secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (LAB)
09.07.2021	Friday	AN36.5 Describe the clinical significance of Killian's dehiscence (L)	PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages (L)	AN36.5 Describe the clinical significance of Killian's dehiscence (D)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply (D)	ANATOMY DH AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra
10.07.2021	Saturday	PY11.1 Describe and discuss	AN37.1 Describe & demonstrate	AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose,		ECE –PHYSIOLOGY TOPIC - METABOLIC SINDROME PY8.5 Describe the metabolic and endocrine consequences of	

		<p>mechanism of temperature regulation (D)</p>	<p>features of nasal septum, lateral wall of nose, their blood supply and nerve supply AN37.2 Describe location and functional anatomy of paranasal sinuses</p>	<p>their blood supply and nerve supply AN37.2 Describe location and functional anatomy of paranasal sinuses AN33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint</p>	<p>obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome.</p>
11.07.2021	Sunday	Sunday			

**Lecture Schedule for the month of JULY
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
12.07.2021	Monday	<p>AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)</p> <p>AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice,</p>	<p>BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism. (L)</p>		<p>AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull</p> <p>AN26.7 Describe the features of the 7th cervical vertebra</p> <p>AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply</p> <p>AN37.2 Describe location and functional anatomy of paranasal sinuses</p> <p>AN37.3 Describe anatomical basis of sinusitis & maxillary sinus tumours (DH)</p>	LUNCH	<p>PY11.7 Describe and discuss physiology of aging; free radicals and Antioxidants (SDL)</p>	<p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT</p> <p>PY10.20 Demonstrate (i) Testing of visual acuity, color and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment</p> <p>BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (LAB)</p>	

		Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (D)					
13.07.2021	Tuesday	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency (L)	AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx (L)	PY10.2 Describe and discuss the functions and properties of synapse, reflex, receptors (L)	AN36.3 Describe the boundaries and clinical significance of pyriform fossa AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx AN38.2 Describe the anatomical aspects of laryngitis AN38.3 Describe anatomical basis of recurrent laryngeal nerve injury (L)	AN44.3 Describe the formation of rectus sheath and its contents (D)	COMMUNITY MEDICINE

14.07.2021	Wednesday	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency (L)	AN39.1 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue (L)	AN25.1 Identify, draw and label a slide of trachea and lung AN39.1 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue AN39.2 Explain the anatomical basis of hypoglossal nerve palsy AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina (DH)	BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism. (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)
15.07.2021	Thursday	PY11.6 Describe physiology of Infancy (D)	AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply AN37.2 Describe location and functional anatomy of paranasal sinuses AN37.3 Describe anatomical basis of sinusitis & maxillary sinus tumours (DH)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)
16.07.2021	Friday	AN40.1 Describe & identify the parts, blood supply and nerve supply	PY8.2 Describe the synthesis, secretion, transport, physiological	AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube AN40.4 Explain anatomical	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and	ANATOMY DH AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th

		of external Ear AN40.5 Explain anatomical basis of myringotomy (L)	actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	basis of otitis externa and otitis media (L)	hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	cervical vertebra AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply AN37.2 Describe location and functional anatomy of paranasal sinuses AN37.3 Describe anatomical basis of sinusitis & maxillary sinus tumours
17.07.2021	Saturday	PY11.2 Describe and discuss adaptation to altered temperature (heat and cold) PY11.3 Describe and discuss mechanism of fever, cold injuries and heat Stroke (D)	AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal junction, optic nerve, cochlea-organ of corti, pineal gland (D)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube AN44.2 Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall (DH)	ECE – BIOCHEMISTRY TOPIC: HYPOTHYROIDISM HORIZONTAL INTEGRATION WITH AND VERTICAL INTERGRATION WITH	
18.07.2021	Sunday	Sunday	Sunday			

**Lecture Schedule for the month of JULY
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
19.07.2021	Monday	AN41.3 Describe the position, nerve supply and actions of intraocular muscles (D)	BI6.12 Describe the major types of hemoglobin and its derivatives found in the body and their physiological/pathological relevance. (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN41.1 Describe & demonstrate parts and layers of eyeball (DH)			PY10.2 Describe and discuss the functions and properties of synapse, reflex, receptors (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.16 Observe use of commonly used equipment's/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyzer •Quality control •DNA isolation from blood/ tissue (LAB)	
20.07.2021	Tuesday	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. BI6.10 Enumerate and describe the disorders associated with mineral metabolism. (L)	AN41.1 Describe & demonstrate parts and layers of eyeball (D)	PY10.1 Describe and discuss the organization of nervous system (L)	AN41.3 Describe the position, nerve supply and actions of intraocular muscles (D)		AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye (L)	COMMUNITY MEDICINE	
21.07.2021	Wednesday	HOLIDAY							
22.07.2021	Thursday	PY11.9 Interpret growth charts (D)		PCT			PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry	

						laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)	
23.07.2021	Friday	AN43.7 Identify the anatomical structures in 1) Plain x-ray skull, 2) AP view and lateral view 3) Plain x-ray cervical spine- AP and lateral view 4) Plain xray of paranasal sinuses (D)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	AN42.1 Describe the contents of the vertebral canal (D)	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus (L)	AN43.9 Identify anatomical structures in carotid angiogram and vertebral angiogram (D)	DH ANATOMY AN43.8 Describe the anatomical route used for carotid angiogram and vertebral angiogram
24.07.2021	Saturday	PY11.10 Interpret anthropometric assessment of infants (D)	AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins (D)	AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins AN43.5 Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery, 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoid cartilage with their vertebral levels (DH)		ECE (Anatomy)	
25.07.2021	Sunday	Sunday				Sunday	

**Lecture Schedule for the month of JULY
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
26.07.2021	Monday	AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery (D)	BI6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/pathological relevance. (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery (DH)		LUNCH	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex (SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)	
27.07.2021	Tuesday	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. BI6.10 Enumerate and describe the disorders associated with mineral metabolism. (L)	AN62.1 Enumerate cranial nerve nuclei with its functional component (D)	PY10.3 Describe and discuss somatic sensations & sensory tracts (L)	AN62.1 Enumerate cranial nerve nuclei with its functional component (L)		AN52.5 Describe the development and congenital anomalies of Diaphragm (L)	COMMUNITY MEDICINE	
28.07.2021	Wednesday	BI6.9 Describe the functions of various minerals in the body, their metabolism	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus (DH)		PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	PY2.13 Describe steps for reticulocyte and platelet count PY11.13 Obtain history and perform general examination in the volunteer / simulated environment BI11.1 Describe commonly used		

		and homeostasis. BI6.10 Enumerate and describe the disorders associated with mineral metabolism. (L)	nerve palsies along with strabismus (L)	
29.07.2021	Thursday	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects (D)	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus (L)	
30.07.2021	Friday	AN62.1 Enumerate cranial nerve nuclei with its functional component (D)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects (L)
31.07.2021	Saturday	PY11.8 Discuss & compare cardio-respiratory changes in exercise	AN62.1 Enumerate cranial nerve nuclei with its functional component	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus

BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies (L)	laboratory apparatus and equipments, good safe laboratory practice and waste disposal. (LAB)
PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) (L)	PY2.13 Describe steps for reticulocyte and platelet count PY11.13 Obtain history and perform general examination in the volunteer / simulated environment BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. (LAB)
AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery (D)	ANATOMY DH AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery
ECE – BIOCHEMISTRY TOPIC : HYPERCHOLESTEROLEMIA VERTICAL INTEGRATION WITH MEDICINE	

		(isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold) (D)	(D)	(DH)	
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➤ **Sports and extracurricular activities full month July**

Lecture Schedule for the month of August
2020-21 BATCH

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
01.08.2021	Sunday	<h1>KAWAR VACATIONS</h1>							
02.08.2021	Monday								
03.08.2021	Tuesday								
04.08.2021	Wednesday								
05.08.2021	Thursday								
06.08.2021	Friday								
07.08.2021	Saturday								
08.08.2021	Sunday	Sunday							

**Lecture Schedule for the month of August
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
09.08.2021	Monday	2ND TERMINAL EXAMINATIONS				LUNCH	2ND TERMINAL EXAMINATIONS		
10.08.2021	Tuesday								
11.08.2021	Wednesday								
12.08.2021	Thursday								
13.08.2021	Friday								
14.08.2021	Saturday								
15.08.2021	Sunday	Sunday							

**Lecture Schedule for the month of August
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
16.08.2021	Monday	<p>AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh</p> <p>AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb (D)</p>	<p>BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies (L)</p>	<p>AN14.1 Identify the given bone, its side, important features & keep it in anatomical position</p> <p>AN14.2 Identify & describe joints formed by the given bone</p> <p>AN14.3 Describe the importance of ossification of lower end of femur & upper end of tibia</p> <p>AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment (DH)</p>		LUNCH	<p>PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex (SDL)</p>	<p>PY2.13 Describe steps for reticulocyte and platelet count</p> <p>PY11.3 Describe and discuss mechanism of fever, cold injuries and heat stroke</p> <p>BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)</p>	
17.08.2021	Tuesday	<p>BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis.</p> <p>BI6.10 Enumerate and describe the disorders associated with mineral metabolism. (L)</p>	<p>AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle. (L)</p>	<p>PY10.3 Describe and discuss somatic sensations & sensory tracts (L)</p>	<p>AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle. (D)</p>		<p>AN52.7 Describe the development of Urinary system (L)</p>	COMMUNITY MEDICINE	
18.08.2021	Wednesday	<p>BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis.</p> <p>BI6.10 Enumerate and describe the disorders associated with mineral metabolism. (L)</p>	<p>AN48.4 Describe the branches of sacral plexus (L)</p>	<p>AN54.1 Describe & identify features of plain X ray abdomen</p> <p>AN54.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography,</p>			<p>BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates</p> <p>BI3.9 Discuss the mechanism and significance of blood glucose</p>	<p>PY2.13 Describe steps for reticulocyte and platelet count</p> <p>PY3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters</p> <p>BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein</p>	

				Intravenous pyelography & Hysterosalpingography) (DH)		regulation in health and disease.. BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism. (L)	electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue (LAB)
19.08.2021	Thursday	PY11.5 Describe and discuss physiological consequences of sedentary lifestyle (D)	AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions (D)	AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle (DH)		PY10.8 Describe and discuss behavioral EEG characteristics during sleep and mechanism responsible for its production (L)	PY2.13 Describe steps for reticulocyte and platelet count PY3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)
20.08.2021	Friday	AN15.5 Describe and demonstrate adductor canal with its content (D)	PY10.9 Describe and discuss the physiological basis of memory, learning and speech (L)	AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of	AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of	ANATOMY – DH AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and

				of important nerves and vessels of gluteal region (L)	body movements, posture and equilibrium & vestibular apparatus (L)	gluteal region AN16.3 Explain the anatomical basis of Trendelenburg sign (D)	vessels of anterior thigh AN14.1 Identify the given bone, its side, important features & keep it in anatomical position (LAB)
21.08.2021	Saturday	PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its implications (D)	AN16.4 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh (D)	AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle AN16.4 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh (DH)		<p style="text-align: center;">ECE DVT & Varicose veins AN19.3 Explain the concept of "Peripheral heart" AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis</p>	
22.08.2021	Sunday	Sunday				Sunday	

**Lecture Schedule for the month of August
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
23.08.2021	Monday	<p>AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa (D)</p>	<p>BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease.. BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism. (L)</p>	<p>AN14.1 Identify the given bone, its side, important features & keep it in anatomical position AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa (DH)</p>			<p>PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex (SDL)</p>	<p>PY2.13 Describe steps for reticulocyte and platelet count PY3.13 Describe muscular dystrophy: myopathies BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid-base balance, - thyroid disorders. (LAB)</p>	
24.08.2021	Tuesday	<p>BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis BI6.10 Enumerate and describe the disorders associated</p>	<p>AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions (D)</p>	<p>PY10.3 Describe and discuss somatic sensations & sensory tracts (L)</p>	<p>AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg AN18.3</p>		<p>AN52.8 Describe the development of male & female reproductive system (L)</p>	COMMUNITY MEDICINE	

		with mineral metabolism.. (SDL)		Explain the anatomical basis of foot drop (L)		
25.08.2021	Wednesday	<p>BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis</p> <p>BI6.10 Enumerate and describe the disorders associated with mineral metabolism. (L)</p>	<p>AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb (D)</p>	<p>AN14.1 Identify the given bone, its side, important features & keep it in anatomical position</p> <p>AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment</p> <p>AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg</p> <p>AN18.3 Explain the anatomical basis of foot drop (DH)</p>		<p>ECE – BIOCHEMISTRY</p> <p>BI11.9 Demonstrate the estimation of serum total cholesterol and Dicholesteryl</p> <p>BI11.16 Observe use of commonly used equipment's/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyzer •Quality control •DNA isolation from blood/ tissue</p> <p>BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders.</p>
26.08.2021	Thursday	<p>PY11.12 Discuss the physiological effects of meditation (D)</p>	<p>AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions (D)</p>	<p>AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment</p> <p>AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions (DH)</p>	<p>PY10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production (L)</p>	<p>PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc</p> <p>PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment</p> <p>BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)</p>

27.08.2021	Friday	AN19.2 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg (D)	PY10.9 Describe and discuss the physiological basis of memory, learning and speech (L)	AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint (L)	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus (L)	ANA (D) AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment (D)	ANATOMY DH AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions	
28.08.2021	Saturday	PHY PY10.9 Describe and discuss the physiological basis of memory, learning and speech (D)	ANATOMY ECE AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint AN17.2 Describe anatomical basis of complications of fracture neck of femur AN17.3 Describe dislocation of hip joint and surgical hip replacement			ECE PHYSIOLOGY TOPIC- SPINAL CORD INJARYES PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances		
29.08.2021	Sunday	Sunday			Sunday			

Lecture Schedule for the month of August 2020-21 BATCH										
Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
30.08.2021	Monday	HOLIDAY								
31.08.2021	Tuesday	BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre. (SDL)	AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint AN18.7 Explain anatomical basis of Osteoarthritis (D)	PY10.3 Describe and discuss somatic sensations & sensory tracts (L)	AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint AN18.7 Explain anatomical basis of Osteoarthritis (L)	LUNCH	AN52.8 Describe the development of male & female reproductive system (L)	COMMUNITY MEDICINE		

➤ Sports and extracurricular activities full month August

**Lecture Schedule for the month of SEPTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
01.09.2021	Wednesday	BI7.5 Describe the role of xenobiotics in disease (D)	AN19.5 Describe factors maintaining importance arches of the foot with its importance (L)	AN14.1 Identify the given bone, its side, important features & keep it in anatomical position AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions (DH)			BI8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy (L)	PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)		
02.09.2021	Thursday	PY10.10 Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element). (D)	AN19.5 Describe factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot (L)	AN19.5 Describe factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot (DH)			PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus (L)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)		
03.09.2021	Friday	(LINKER CLASS SPINAL CORD) AN57.1 Identify external features of spinal cord AN57.2 Describe extent of spinal cord in child & adult with its clinical implication AN57.3					AN20.1 Describe and demonstrate the type, articular surfaces, capsule,	ANATOMY DH		AN14.1 Identify the given bone, its side, important features & keep it in anatomical position AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply

		<p>Draw & label transverse section of spinal cord at mid-cervical & mid- thoracic level</p> <p>AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord</p> <p>PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances</p>			synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint (D)	and actions
04.09.2021	Saturday	<p>PY11.7 Describe and discuss physiology of aging; free radicals and antioxidants (D)</p>	<p>AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint (D)</p>	<p>AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint (DH)</p>	ECE Biochemistry	
05.09.2021	Sunday	Sunday			Sunday	

**Lecture Schedule for the month of SEPTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
06.09.2021	Monday	AN20.2 Describe the subtalar and transverse tarsal joints (D)	BI7.6 Describe the anti-oxidant defence systems in the body. (L)	AN20.7 Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, -Tibial tuberosity, head of fibula, -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular AN20.8 Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial&dorsalispedis blood vessels in a simulated environment (DH)			PY10.18 Describe and discuss the physiological basis of lesion in visual pathway (D)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)	
07.09.2021	Tuesday	BI7.5 Describe the role of xenobiotics in disease (SDL)	AN20.6 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb (D)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	AN64.3 Describe various types of open neural tube defects with its embryological basis (L)		AN52.8 Describe the development of male & female reproductive system (L)	COMMUNITY MEDICINE	
08.09.2021	Wednesday	BI7.1 Describe the structure	PCT				BI6.2 Describe and discuss the	PY3.18 Observe with Computer assisted learning	

		and functions of DNA and RNA and outline the cell cycle. (L)				metabolic processes in which nucleotides are involved. (L)	(i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)
09.09.2021	Thursday	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation (D)	AN58.1 Identify external features of medulla oblongata AN58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ion (L)	AN58.1 Identify external features of medulla oblongata AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group (DH)		PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances (L)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)
10.09.2021	Friday	AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group (D)	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus (L)	AN59.1 Identify external features of pons AN59.2 Draw & label transverse section of pons at the upper and lower level (L)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	AN59.1 Identify external features of pons AN59.2 Draw & label transverse section of pons at the upper and lower level AN59.3 Enumerate cranial nerve nuclei in pons with their functional group (D)	ANTOMY DH AN58.1 Identify external features of medulla oblongata AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group

				(L)		
11.09.2021	Saturday	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation (D)	AN61.1 Identify external & internal features of midbrain (D)	AN61.1 Identify external & internal features of midbrain (DH)		ECE
12.09.2021	Sunday					Sunday

**Lecture Schedule for the month of SEPTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
13.09.2021	Monday	AN61.1 Identify external & internal features of midbrain (Revision)	BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved. (L)	AN61.1 Identify external & internal features of midbrain (Revision)		LUNCH	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing (D)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.18 Discuss the principles of spectrophotometry. (LAB)		
14.09.2021	Tuesday	BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle. (L)	(LINCAR CLASS CEREBELLUM) AN60.1 Describe & demonstrate external & internal features of cerebellum (D) AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei (L) PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities				AN60.3 Describe anatomical basis of cerebellar dysfunction (L)	COMMUNITY MEDICINE		
15.09.2021	Wednesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms (L).	AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle (L)	AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle (DH)			BI6.3 Describe the common disorders associated with nucleotide metabolism. (L)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.18 Discuss the principles of spectrophotometry (LAB)		
16.09.2021	Thursday	PY10.7 Describe and discuss functions of cerebral	AN62.5 Describe boundaries, parts, gross relations,	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus,			PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances	PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles BI11.18 Discuss the principles of		

		cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (D)	major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus (L)	epithalamus, metathalamus and subthalamus (DH)
17.09.2021	Friday	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus (L)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus (L)
18.09.2021	Saturday	PCT (D)	AN62.3 Describe the white matter of cerebrum (D)	AN62.3 Describe the white matter of cerebrum (DH)
19.09.2021	Sunday	Sunday		

(L)	spectrophotometry (LAB)
AN59.1 Identify external features of pons (Revision)	DH ANATOMY AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus
ECE - PHYSIOLOGY	
PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	
Sunday	

**Lecture Schedule for the month of SEPTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
20.09.2021	Monday	AN62.3 Describe the white matter of cerebrum (D)	BI6.3 Describe the common disorders associated with nucleotide metabolism. (L)	AN62.3 Describe the white matter of cerebrum (DH)			PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing INTREGATED WITH ENT (D)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications. (LAB)	
21.09.2021	Tuesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. (L)	AN62.3 Describe the white matter of cerebrum (L)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	AN62.3 Describe the white matter of cerebrum (L)		AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum (L)	COMMUNITY MEDICINE	
22.09.2021	Wednesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. (L)	AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis (L)	AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis (DH)			BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome. (L)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications. (LAB)	
23.09.2021	Thursday	PY3.8 Describe action potential and its properties	AN62.6 Describe & identify formation, branches &	AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis (DH)			PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia,	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.19 Outline the basic principles	

		in different muscle types (skeletal & smooth) (D)	major areas of distribution of circle of Willis (L)		thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications. (LAB)	
24.09.2021	Friday	AN62.3 Describe the white matter of cerebrum (Revision)	LINKER LIMBIC AN62.4 Enumerate parts & major connections of basal ganglia & limbic lobe PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities		AN62.3 Describe the white matter of cerebrum (Revision)	ANATOMY DH AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus	
25.09.2021	Saturday	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing (D)	AN56.1 Describe & identify various layers of meninges with its extent & modifications (D)	AN56.1 Describe & identify various layers of meninges with its extent & modifications (DH)	ECE – BIOCHEMISTRY AN56.2 Describe circulation of CSF with its applied anatomy AN63.2 Describe anatomical basis of congenital hydrocephalus BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal.		
26.09.2021	Sunday	Sunday				Sunday	

**Lecture Schedule for the month of SEPTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
27.09.2021	Monday	AN56.1 Describe & identify various layers of meninges with its extent & modifications (Revision)	BI10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis (L)	AN62.3 Describe the white matter of cerebrum (DH)		LUNCH	PY10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests (D)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications. (LAB)	
28.09.2021	Tuesday	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms (L)	AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere (D)	PHYSIOLOGY PCT		AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis (L)	AN13.8 Describe development of upper limb AN20.10 Describe basic concept of development of lower limb (L)	COMMUNITY MEDICINE	
29.09.2021	Wednesday	BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression. (L)	AN75.1 Describe the structural and numerical chromosomal aberrations (L)	AN75.1 Describe the structural and numerical chromosomal aberrations (DH)			BI10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy. (L)	PY11.14 Demonstrate Basic Life Support in a simulated environment BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications (LAB).	
30.09.2021	Thursday	PY5.2 Describe the properties of cardiac muscle including its morphology,	AN75.2 Explain the terms mosaics and chimeras with example (L)	AN75.2 Explain the terms mosaics and chimeras with example INTREGATED WITH PHARMACOLOGY (DH)			PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and	PY11.14 Demonstrate Basic Life Support in a simulated environment BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications.	

		electrical, mechanical and metabolic functions (D)				limbic system and their abnormalities (L)	(LAB)
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**Lecture Schedule for the month of OCTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
01.10.2021	Friday	AN 76.2 Explain the terms- phylogeny, ontogeny, trimester, viability (L)	PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	AN 75.4 Describe genetic basis of variation: polymorphism and mutation (L)	PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	LUNCH	AN 75.4 Describe genetic basis of variation: polymorphism and mutation (D)	ECE – ANATOMY AN 1.5 (PART – B)		
02.10.2021	Saturday	HOLIDAY								
03.10.2021	Sunday	Sunday				LUNCH	Sunday			

**Lecture Schedule for the month of OCTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
04.10.2021	Monday	AN 75.5 Describe the principles of genetic counseling (L)	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis (L)	AN 75.5 Describe the principles of genetic counseling (DH)		LUNCH	PY 10.16 Describe and discuss path physiology of deafness. Describe hearing tests (D)	PY11.14 Demonstrate Basic Life Support in a simulated environment BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food. (LAB)		
05.10.2021	Tuesday	BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression. (L)	EMBRYOLOGY REVISION CLASS	PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	AN 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum (L)		EMBRYOLOGY REVISION CLASS	COMMUNITY MEDICINE		
06.10.2021	Wednesday	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. (L)	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis Female	AN 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum (DH)			BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody BI10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of	PY 10.16 Describe and discuss path physiology of deafness. Describe hearing tests PY11.14 Demonstrate Basic Life Support in a simulated environment BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. (LAB)		

			reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord AN52.4 Describe the development of anterior abdominal wall (L)		T-helper cells in immune responses. BI10.5 Describe antigens and concepts involved in vaccine development. (L)		
07.10.2021	Thursday	PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions (D)	AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis (L)	AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis (DH)	LINKER CLASS BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands. BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). BI6.15 Describe the abnormalities of kidney, liver, thyroid and adrenal glands. (LFT) & VERTICAL INTEGRATION WITH GENERAL MEDICINE		
08.10.2021	Friday	ECE ANATOMY			AN 48.6 Describe the neurological basis of Automatic bladder AN 48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities PY7.9 Describe cystometry and discuss the normal cystometrogram	AN 48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation	ANATOMY DH AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis

09.10.2021	Saturday	PY 7.7 Describe artificial kidney, dialysis and renal transplantation (D)	AN 48.4 Describe the branches of sacral plexus	AN 48.4 Describe the branches of sacral plexus	FOUNDATION COURSE ECE AN 52.5 Describe the development and congenital anomalies of Diaphragm
10.10.2021	Sunday	Sunday			

**Lecture Schedule for the month of OCTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
11.10.2021	Monday	<p>AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal Cord (L)</p>	<p>BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody BI10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses. BI10.5 Describe antigens and concepts involved in vaccine development.</p>	<p>AN57.3 Draw & label transverse section of spinal cord at mid-cervical & midthoracic level AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal Cord (DH)</p>		LUNCH	<p style="text-align: center;">ECE – PHYSIOLOGY</p> <p>PY 10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and lightreflex BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands. BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). BI6.15 Describe the abnormalities of kidney, liver, thyroid and adrenal glands. (LFT) & BI8.2 Describe the types and causes of protein energy malnutrition and its effects. BI8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity. PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment VERTICAL INTEGRATION WITH GENERAL MEDICINE</p>		
12.10.2021	Tuesday	<p>BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the</p>	<p>AN 62.3 Describe the white matter of cerebrum</p>	<p>PY3.6 Describe the pathophysiology of Myasthenia gravis (L)</p>	<p>AN 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum</p>		EMBRYOLOGY REVISION CLASS	COMMUNITY MEDICINE	

		diagnosis and treatment of diseases with genetic basis.					
13.10.2021	Wednesday	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	AN 68.3 Describe the ultrastructure of nervous tissue	AN 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum (DH)		BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody BI10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses. BI10.5 Describe antigens and concepts involved in vaccine development.	PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states.
14.10.2021	Thursday	HOLIDAY					
15.10.2021	Friday	HOLIDAY					
16.10.2021	Saturday	PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (D)	AN 75.4 Describe genetic basis of variation: polymorphism and mutation (D)	AN 17.2 Describe anatomical basis of complications of fracture neck of femur AN 17.3 Describe dislocation of hip joint and surgical hip replacement (DH)		ECE – BIOCHEMISTRY TOPIC: GOUT VERTICAL INTEGRATION WITH MEDICINE	

17.10.2021

Sunday

Sunday

Sunday

**Lecture Schedule for the month of OCTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
18.10.2021	Monday	AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery	BI7.5 Describe the role of xenobiotics in disease	SPORTS WEEK					SPORTS WEEK
19.10.2021	Tuesday	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	AN 68.3 Describe the ultrastructure of nervous tissue						
20.10.2021	Wednesday	BI7.5 Describe the role of xenobiotics in disease	AN30.2 Describe & identify major foramina with structures passing through them						
21.10.2021	Thursday	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests (D)	AN30.2 Describe & identify major foramina with structures passing through them						
22.10.2021	Friday	AN32.2 Describe & demonstrate boundaries and	PY7.3 Describe the mechanism of urine						

		contents of muscular, carotid, digastric and submental triangles	formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism (L)		
23.10.2021	Saturday	PY7.8 Describe & discuss Renal Function Tests (D)	AN 75.4 Describe genetic basis of variation: polymorphism and mutation		
24.10.2021	Sunday	Sunday			Sunday

**Lecture Schedule for the month of OCTEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
25.10.2021	Monday	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis.		AN 17.2 Describe anatomical basis of complications of fracture neck of femur AN 17.3 Describe dislocation of hip joint and surgical hip replacement (DH)		LUNCH	PY 2.6 Describe WBC formation (granulopoiesis) and its regulation (D)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet	
26.10.2021	Tuesday	BI7.6 Describe the anti-oxidant defence systems in the body.	AN 17.2 Describe anatomical basis of complications of fracture neck of femur Intrigrated with F.M	PY 1.2 Describe and discuss the principles of homeostasis (L)	AN 17.3 Describe dislocation of hip joint and surgical hip replacement (L)		EMBRYOLOGY REVISION CLASS	COMMUNITY MEDICINE	
27.10.2021	Wednesday	BI9.1 List the functions and components of the extracellular matrix (ECM).	AN25.3 Describe fetal circulation and changes occurring at birth	AN25.3 Describe fetal circulation and changes occurring at birth			BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody BI10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses. BI10.5 Describe antigens and concepts involved in vaccine	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet	

28.10.2021	Thursday	PY 1.6 Describe the fluid compartments of the body, its ionic composition & measurements (D)	AN 17.3 Describe dislocation of hip joint and surgical hip replacement	AN57.3 Draw & label transverse section of spinal cord at mid-cervical & midthoracic level AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal Cord (DH)
29.10.2021	Friday	LINKER ON (BONE)		
		AN2.1 Describe parts, blood and nerve supply of a long bone AN2.2 Enumerate laws of ossification INTRIGATED (D)	PY8.1 Describe the physiology of bone and calcium metabolism PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	
30.10.2021	Saturday	PY 9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages (D)	AN 29.4 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapulae (DH)	
31.10.2021	Sunday	Sunday		

		development.
	PY 2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) (L)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet
	AN26.1Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.2Describe the features of normafrontalis, verticalis, occipitalis, lateralis and basalis (DH)	AN26.1Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.2Describe the features of normafrontalis, verticalis, occipitalis, lateralis and basalis (DH)
FOUNDATION COURSE		
AN58.1 Identify external features of medulla oblongata		
AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional Group		
ECE – BIOCHEMISTRY		
TOPIC : DIABETES MELLITUS		
VERTICAL INTGRATION WITH MEDICINE		
Sunday		

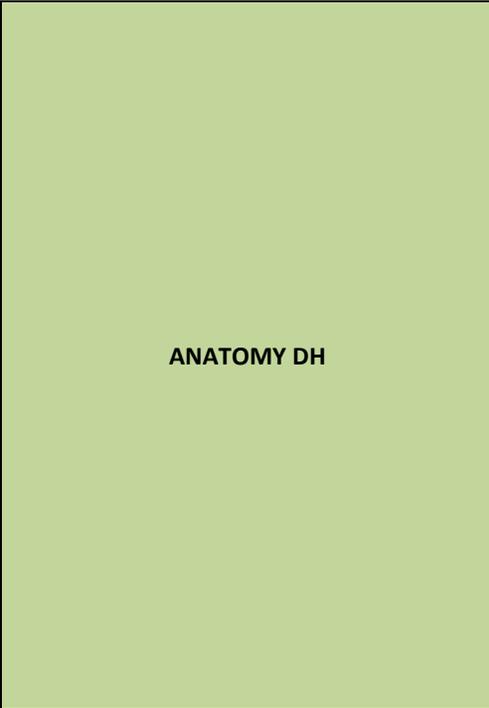
Lecture Schedule for the month of November
2020-21 BATCH

Date	Days	8-9AM	9-11 AM	11-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
01.11.2021	Monday	DIWALI VACATIONS							
02.11.2021	Tuesday								
03.11.2021	Wednesday								
04.11.2021	Thursday								
05.11.2021	Friday								
06.11.2021	Saturday								
07.11.2021	Sunday	Sunday							

**Lecture Schedule for the month of November
2020-21 BATCH**

Date	Days	8-9AM	9-11 AM	11-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
08.11.2021	Monday	AN 18.6 Describe knee joint injuries with its applied anatomy AN 18.7 Explain anatomical basis of Osteoarthritis	BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	AN14.1 Identify the given bone, its side, important features & keep it in anatomical position		LUNCH	PY2.5 Describe different types of anaemias & Jaundice (D)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.	
09.11.2021	Tuesday	BI9.2 Discuss the involvement of ECM components in health and disease. (SDL)	AN 34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion	PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance (L)	AN 18.7 Explain anatomical basis of Osteoarthritis		AN 18.6 Describe knee joint injuries with its applied anatomy	AN 18.6 Describe knee joint injuries with its applied anatomy AN 18.7 Explain anatomical basis of Osteoarthritis (DH)	
10.11.2021	Wednesday	BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease.	AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina	AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina			ECE – ARRHYTHMIA BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). (SDL) PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.		
11.11.2021	Thursday	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its	AN43.2 Identify, describe and draw the microanatomy of	AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid,			CHRONIC RENAL FAIL BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance BI11.8 Demonstrate estimation of serum proteins, albumin and		

		applications and the cardiac axis (D)	pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina	parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina		A:G ratio
12.11.2021	Friday	AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.10 Enumerate the sites of portosystemic anastomosis	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. (L)	AN 29.4 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapulae
13.11.2021	Saturday	PY8.3 Describe the physiology of Thymus & Pineal Gland (D)	AN35.10 Describe the fascial spaces of neck	AN35.10 Describe the fascial spaces of neck		ECE – TONSIL WITH ENT
14.11.2021	Sunday	Sunday				Sunday



**Lecture Schedule for the month of November
2020-21 BATCH**

Date	Days	8-9AM	9-11 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
15.11.2021	Monday	AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia	BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function		LUNCH	ECE - PHYSIOLOGY		
16.11.2021	Tuesday	BI6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance.	HISTO REVISION	PY7.5 describe the renal regulation of fluid and electrolytes & acid-base balance (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull HISTO (D)		(DH) BATCH WISE REVISION OF ALL HISTO SLIDES		
17.11.2021	Wednesday	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	AN81.1 Describe various methods of prenatal diagnosis AN81.2 Describe indications, process and disadvantages of amniocentesis AN8.3 Enumerate peculiarities of clavicle INTRAGRATED WITH OBG (DH)				LINKER CLASS KIDNEY FOUNDATIONS BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders. BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus		

18.11.2021	Thursday	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (D)	AN25.8 Identify and describe in brief a barium swallow (DH)		<p>ECE – WITH RADIOLOGY</p> <p>AN25.8 Identify and describe in brief a barium swallow</p> <p>BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.</p> <p>PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT</p> <p>PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment</p>
19.11.2021	Friday		HOLIDAY		
20.11.2021	Saturday	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests (D)	AN25.9 Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart	LUNCH	ECE – BIOCHEMISTRY TOPIC – OBRDITY HORIZONTAL INTERGRATION WITH PHYSIOLOGY AND VERTICAL INTEGRATION WITH MEDICINE
21.11.2021	Sunday	Sunday			Sunday

**Lecture Schedule for the month of November
2020-21 BATCH**

Date	Days	8-9AM	9-11 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
22.11.2021	Monday	AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia (SDL)	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia ANATOMY DH		LUNCH	PY4.4 Describe the physiology of digestion and absorption of nutrients (D)	BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment		
23.11.2021	Tuesday	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. (SDL)	AN80.6 Explain embryological basis of estimation of fetal age.	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests (L)	HISTO REVISION		AN25.9 Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart (DH)			
24.11.2021	Wednesday	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. (SDL)	AN75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome	OSTEO - EMBRYO REVISION CLASS			BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	ECE - BUFFERS BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.		
25.11.2021	Thursday	PY3.5 Discuss the action of neuro-muscular blocking agents (D)	ECE - SINUS & EPISTAXIS AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood				ECE – PHYSIOLOGY ANS PY10.5 Describe and discuss structure and functions of reticular activating			

			supply and nerve supply AN37.3 Describe anatomical basis of sinusitis & maxillary sinus tumours		
26.11.2021	Friday	AN40.3 Describe the features of internal ear AN40.4 Explain anatomical basis of otitis externa and otitis media	PY3.12 Explain the gradation of muscular activity (L)	AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	PY3.13 Describe muscular dystrophy: myopathies (L)
27.11.2021	Saturday	PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease (D)	OSTEO - EMBRYO REVISION CLASS TEST		
28.11.2021	Sunday	Sunday			

system, autonomic nervous system (ANS) BI11.23 Calculate energy content of different food items, identify food items with high and low glycemic index and explain the importance of these in the diet BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.	
AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalis capitis and splenius capitis	AN40.3 Describe the features of internal ear AN40.4 Explain anatomical basis of otitis externa and otitis media (DH)
LINKER ON MI WITH G.M & PHYSIOLOGY	
Sunday	

**LECTURE SCHEDULE FOR THE MONTH OF NOVEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-11 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
29.11.2021	Monday	AN4.1 Describe different types of skin & dermatomes in body	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	DEMO OF OSTEO		LUNCH	ECE – PHYSIOLOGY		
							PY10.18 Describe and discuss the physiological basis of lesion in visual Pathway PY10.2 Describe and discuss the functions and properties of synapse, reflex, receptors BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.		
30.11.2021	Tuesday	BI5.1 Describe and discuss structural organization of proteins.	AN7.8 Describe differences between sympathetic and spinal ganglia (L)	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances (L)	AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum (DEMO)		AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum (DEMO)	COMMUNITY MEDICINE	

**LECTURE SCHEDULE FOR THE MONTH OF DECEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-10 AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
01.12.2021	Wednesday	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis.	DH DEMOSTRATION OF EMBROLOGY MODEL				PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction (L)	BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.	
02.12.2021	Thursday	PY11.5 Describe and discuss physiological consequences of sedentary Lifestyle (D)	REMAINING CLASSES AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere				CHRONIC RENAL FAIL		
03.12.2021	Friday	AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular Injections AN16.2 Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections	PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its Implications (L)	AN44.7 Enumerate common Abdominal incisions	PY11.6 Describe physiology of Infancy (L)		AN52.3 Describe & identify the microanatomical features of Cardio oesophageal junction, Corpus luteum	ANATOMY (DH)	
				AN52.3 Describe & identify the microanatomical features of Cardio oesophageal junction, Corpus luteum					
04.12.2021	Saturday	PY11.9 Interpret growth charts (D)	Enhyo Model			ECE – BIOCHEMISTRY TOPIC – GLUCOSE TOLERANCE TEST VERTICAL INTGRATION WITH MEDICINE BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: - diabetes mellitus, - dyslipidemia, - myocardial infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders.			

05.12.2021

Sunday

Sunday

**LECTURE SCHEDULE FOR THE MONTH OF DECEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-12 AM	12-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
06.12.2021	Monday	Terminal Examination				LUNCH	Terminal Examination			
07.12.2021	Tuesday									
08.12.2021	Wednesday									
09.12.2021	Thursday									
10.12.2021	Friday									
11.12.2021	Saturday									
12.12.2021	Sunday	Sunday					Sunday			

**LECTURE SCHEDULE FOR THE MONTH OF DECEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-12 AM	12-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	
13.12.2021	Monday	Pre-Professional Examination				LUNCH	Log-Book & Portfolio Assessment			
14.12.2021	Tuesday									
15.12.2021	Wednesday									
16.12.2021	Thursday									
17.12.2021	Friday									
18.12.2021	Saturday					ECE – BIOCHEMISTRY TOPIC PROTEIN ENERGY MAINUTRITION VERTICAL INTEGRATION WITH PEDIATRICS BI2.2 Observe the estimation of SGOT & SGPT BI8.2 Describe the types and causes of protein energy malnutrition and its effects.				
19.12.2021	Sunday	Sunday				Sunday				

**LECTURE SCHEDULE FOR THE MONTH OF DECEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-12 AM	12-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
20.12.2021	Monday					LUNCH			
21.12.2021	Tuesday								
22.12.2021	Wednesday								
23.12.2021	Thursday								
24.12.2021	Friday								
25.12.2021	Saturday								
26.12.2021	Sunday	Sunday						Sunday	

**LECTURE SCHEDULE FOR THE MONTH OF DECEMBER
2020-21 BATCH**

Date	Days	8-9AM	9-12 AM	12-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM
27.12.2021	Monday					LUNCH			
28.12.2021	Tuesday								
29.12.2021	Wednesday								
30.12.2021	Thursday								
31.12.2021	Friday								

FOUNDATION COURSE

ORIENTATION	30
SKILL AND ETHICS	75
FIELD VISIT TO COMMUNITY HEALTH CENTER	08
ENHANCEMENT OF ILANGUAGE/COMPUTER SKILLS	40
INTRODUCTION PANDEMIC AETCOM (23.02.2021)	02
SPORTS AND EXTRA CURRICULAR ACTIVITIES (AFTER COMPUTER AND LANGUAGE CLASSES (04 – 05 PM))	22
TOTAL HOURS	177

DEAPRTMENT	ECE	HOURS
ANATOMY	11	33
BIOCHEMISTRY	11	33
PHYSIOLOGY	10	30

LINKERS CLASS	11
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ANATOMY

LECTURES	220	220
DH	325	325
DEMO	90	90
SDL	40	40
TOTAL		675

BIOCHEMISTRY

LECTURES	120	120
PRACTICAL	206	206
DEMO	90	90
SDL	27	27
TOTAL		443

PHYSIOLOGY

LECTURES	160	160
PRACTICAL	314	314
SDL	25	25
TOTAL		499