				Muzaffarnagar M 01 st We	edical College eks				
DAY/TIME	08-09	09-10	10-11	11-12	12-01	01-02	02-03	03-04	04-05
Monday 14/02/2022	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	Welcome speech – dean, ice breaking with all four HODs, Including introduction to M.B.B.S. (Dean)	F.C. 1.2 Being in a white coat and beyond (Demonstrate understanding of the Roles of an Indian Medical Graduate and relate it to the societal impact)	F.C. 1.2 White coat ceremony (Auditorium) All Three department	F.C. 1.2 White coat ceremony (Auditorium) All Three department	LUNCH	FC 1.1 Expectation of society and patient from doctor.(Dean)	Class of computer and languages
Tuesday 15/02/2022	FC 1.10 Introduction of alternate health care system and history of medicine (SPM) (Dr.Umer Farooq)	FC 1.6 & FC 1.7 Group dynamics (Dr. Vinay Sharma Dr.Bhawna) Dissection hall lecture	FC 1.6 & FC 1.7 Group dynamics (Dr. Vinay Sharma Dr.Bhawna) Dissection hall Demo By team	FC 1.6 Professional qualities of a doctor (Dr. Anju Mittal)		FC 1.3 Expectation of physician from society (Panel discussion Medicine) and team)	FC 1.6 Discuss the various career pathways and opportunities for personal growth (Pscy)	FC 1.6 Being a medical student – keen observation key to success (Dr. Manju sharma)	Class of computer and languages
Wednesday 16/02/2022	FC 2.4 Patients safety and biohazard (Dr. Atul Kumar)	FC 1.8 Health care delivery system in india (Dr.Nirankar Singh) in deptt. of SPM	FC 1.7 Introduction of new M.B.B.S. program Curriculum (examination and university rules) skill and certification Dr.Tanuagarwal (LT	FC 1.7 Introduction of new M.B.B.S. program Curriculum (examination and university rules) skill and certification Dr.Tanuagarwal (LT		FC 1.4 Academic ambience (Anatomy) LT	Internal Assessment methods (Dr. Manish Agrawal)	Summative assessmen And University regula (Dr. Sudeep Tyagi) (04 to 05) Continew	
Thursday 17/02/2022	FC 1.8 Principal of primary health care(interactive session with spm ,) Dr.Dheeraj Sharma	FC 1.8 Principal of primary health care(interactive session with spm ,) Dr. Dheeraj Sharma	FC 1.2 Student expectation from nation, institute, patients (LT) Dr. Akanksha Suman	FC 1.5 Introduction of medical ethics (Forensic)	L U N C H	Logbook and Portfolio (Dr.Sharvi)	F.C. 1.9 Discuss Principal of Family Practice (S.P.M.) Dr.Lubna Zarin	FC 1.8 National health programs in India of SPM Dr.Nirankar Singh	Class of computer and languages
Friday 18/02/2022	F.C. 1.1 Dr. Salman, Dr Arunaarya Debate(present medical education and roll of media) (LT	F.C. 1.1 Dr.Salman, Dr Arunaarya Debate(present medical education and roll of media) (LT	Extra curricular activities Singing activities Dr Anuj Ram Sharma/Dr. Aruna	Extracurricular activities Singing activities Dr Anuj Ram Sharma/Dr. Aruna		FC 2.5 Demonstrate proper hand washing and use of personal protective equipment Dr.Preeti Sharma/ Dr.Nilank saroha Dissection hall	FC 2.5 Demonstrate proper hand washing and use of personal protective equipment Dr.Preeti Sharma/ Dr.Nilank saroha Dissection hall	FC 2.9 Working with healthcare team Activity Department of Community Medicine Dr.Shruti Sehgal	Class of computer and languages
Saturday 19/02/2022	FC 2.9 Introduction, steps and precautions of research (Dr.Sapna)	FC 4.12 Activities on group dynamics Dr Vinay Sharma dissection hall, Department of Anatomy	FC 2.9 Introduction, steps and precautions of research Electives (Dr.TanuAggraw al)	FC 2.4 Inter personal relationship Dr. Bhawna Sharma) and team		FC 2.4 Handling of bio-waste and biomaterial(pollution act and Regulation Dr. Sachin Sharma	FC 2.4 Handling of bio-waste in college and colore coding biomaterial Dr. Sachin Sharma	FC 2.3 Universal Precaution (Surgery)	Class of computer and languages

			MUZ	AFFARNAGAR M		C MUZAFFARNAGAR			
					02 nd Week				
Days	08- 09am	09- 10 am	10- 11am	11- 12am	12- 01pm	01- 02pm	02- 03pm	03- 04pm	04- 05pm
Monday 21/02/2022	ANATOMY (L) AN1.1 Demonstrate normal anatomical position, various planes,relation, comparison, laterality & movement in our body	BI1.1 Describe the molecular and functional organizationof a cell and its sub cellular components.(L)	ANATOMYAN1 Demonstrate norma position, various pl comparison,laterali ourbody (DH)	al anatomical anes, relation,		PY1.1 BI11.1 Describe common laboratory apparatus and good safelaboratory pradisposal. PY2.11 Estimate Hb, RI indices, DLC, Blood gr PY2.11 Estimate Hb, RI indices, DLC, Blood gr (SDL) pulse at rest and in differences and postures in simulated environment (LAB)		tus and equipments, ry practice and waste Hb, RBC, TLC, RBC ood groups, BT/CT olood pressure & in different grades of ures in avolunteer or	Class of computerand languages computer section of library and physiology deptt.) by IT teacher
Tuesday 22/02/2022	BI1.1 Describe the molecular and functional organization ofa cell and its subcellular components. (L)	AN65.1 Identify epithelium under the microscope &describe the various types that correlateto 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 correlateto its function(II) (D)		AN2.1 Describe parts,blood and nerve supply of a long boneAN2.2 Enumeratelaws of ossification (D)	Fie 17	ITY MEDICINE eld visit CM .1,17.3, 17.5	Class of computerand languages computer section of library and physiology deptt.) by IT teacher
Wednesday 23/02/2022	BI3.1 Discuss and differentiate monosaccharide es, di- saccharides and polysaccharides giving examples of main	AN2.2 Enumerate laws of ossificationAN2.3 Enumerate special features of a sesamoid	AN1.1 Demonstrat anatomical position relation, compariso movement in ourbo AN65.1 Identify e the microscope & various types that correlate to its fun	n, various planes, m,laterality & ody pithelium under describe the	LUNCH	BI4.1 Describe and discuss main classes oflipids (Essential/non - essential fattyacids, cholesterol and hormonal	indices, DLC, Bl PY5.12 Record b pulse at rest and	Hb, RBC, TLC, RBC ood groups, BT/CT blood pressure & in different grades of ures in avolunteer or	Class of computerand languages computer section of library and physiolog

	carbohydrates as energy fuel, structural element and storage in the human body	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 (D)	of thesame AN2.1 Descr blood and n a long bone AN2.2 Enum ossification (DH)	nicroscope; ous types and ction correlation ribe parts, erve supply of	steroids, triglycerides, Major Phospholipids And sphingolipids) relevant to human system and their Major Functions. (D)
Thursday 24/02/2022	PY1.3 Describe intercellular Communication (D)	AN66.1 Describe & identify various types	identify var connective functional correlation AN66.2 Desi structure of c AN71.1 Ider under the m classify varie describe the structure-fun of the same AN1.1 Demo normal anat position, varie relation, com	nicroscope; ous types and ction correlation onstrate omical ious planes,	the fluid Compartments of the body, its Ionic composition & Measurements (D)
			body (DH)		AN2.5 Describe
Friday 25/02/2022	AN2.4 Describe various types of	PY1.5 Describe and	AN2.5 Describe	PY1.8 Describe and	various joints with subtypes and examples
	cartilage with	discuss	various joints	discuss the	AN2.6 Explain the concept of
	its structure &	transport	with subtypes	molecular	nerve supply of joints &
	distribution in	mechanisms 	and .	basis of	Hilton's law

teroids, riglycerides, Major Phospholipids And ophingolipids) elevant to numan system and their Major Functions. D)	BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. (LAB)	y deptt.) by IT Teacher
PY1.6 Describe he fluid Compartments of the body, its conic composition & Measurements 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
AN2.5 Describe various joints with subtypes und examples AN2.6 Explain he concept of herve supply of joints & Hilton's law	AETCOM (1.5) Anatomy (opening session)	Class of computer And languages computer section of Library And physiolog y deptt.)

	various types and structure- function correlation of the same INTGRATED LECTURE WITH PATHOLOGY		Ortho (D)	excitable tissue (D)	INTGRATED LECTURE WITH ORTHO		by IT teacher
Saturday 26/02/2022	PY1.4 Describe apoptosis – programmed cell death (D)	AN3.1 Classify muscle tissueaccording to structure & action AN3.2 Enumerate parts of skeletal muscle and differentiatebetween tendons and aponeuroseswith examples Horizontal Integration with Physiology (L)	microscope; cla and describe the correlation of th AN71.2 Identify microscope & d	y bone under the ssify various types estructure- function he same y cartilage underthe lescribe various types function correlation	FOUNDATION COURSE 1- 2 Sharp objects injuries prevention and guidelinesfor primary treatment (surgery)	FOUNDATION COURSE 2-4 Basic life support Theory and hands on(Anesthesia)	Class of computerand languages computer section of library and physiology deptt.) by IT teacher

		Muza	affarnagar Medica 03 rd Week	ll Colleg					
Days	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM
Monday 28/02/2022	AN3.3 ExplainShunt and spurt musclesAN67.1 Describe & identify various typesof muscle under the microscope AN67.2 Classify muscleand describe the structure- function correlation of the same (L)	B14.1 Describe anddiscuss main classes of lipids (Essential/non- essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to humansystem 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 anddescribe the structure function correlation of the same Horizontal Integrationwith Physiology		L U N C H	PY3.7 Describe the different types of muscle fibres and their structure (SDL)	BI11.2 Describe th of buffers andestin PY2.11 Estimate F TLC, RBC indices groups, BT/CT PY5.12 Record bld pulse at rest andin grades of exercise in a volunteer or si environment (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher	
Tuesday 01/03/2022	B14.1 Describe and discuss main classes of lipids (Essentia <i>l</i> /nonessential fatty acids, cholesterol and hormon al steroids, triglycerides, major phospho lipids and sphingolipids) relevant to human system and their major function s. (SDL)	AN65.2 Describe the ultrastructure of epithelium AN66.2 Describe the ultrastructure of connective tissue (SDL)	Fivisit	Y MEDICINE eld FC 3.1 ,17.3,17.5		History of Out & Pa	DEMIC oreaks, Epidemics ndemics a Jain Sharma		i <u>cket Match</u> <u>1-4</u> ition Course
Wednesday 02/03/2022	BI3.1 Discuss and differentiate monosacchari des, AN4.1 Describe differ di- saccharides and polysaccharides giving axaples of main carbohydratesas energy fuel, structural element and storage in thehuman body AN4.2 Describe struct & function of skin with its appendages AN4.5 Explain principles of skinincisions (D)		CM 17.1,17.3,17.5 AN4.1 Describe different types of			BI4.1 Describe and discuss main classes of lipids (Essential/no n- essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system andtheir majorfunctions.	BI11.2 Describe th of buffers andestin PY2.11 Estimate H TLC, RBC indices groups, BT/CT PY5.12 Record blo pulse at rest andin grades of exercise in a volunteer or si environment (LAB)	nation of pH. Ib, RBC, , DLC, Blood ood pressure & different and postures	Class of computer and languages computer section of library and physiology dept.) by IT teacher

Thursday 03/03/2022	AN66.2 Describethe ultrastructure of connective tissue (D)	PY1.9 Demonstrate the ability to describe and discuss the methods usedto demonstrate the functions of the cells and its products, its communicatio ns and their applications in Clinical care and research.	AN76.1 Describe the stages of humanlife 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	BI11.2 Describe the preparation of buffers andestimation of pH. PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.12 Record blood pressure & pulse at rest andin 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
Friday 04/03/2022		AN4.3 Describe superficial fascia along with fat distribution inbody AN4.4 Describe modifications of deep fasciawith its functions (DVL)	PY1.5 Describeand discuss transport mechanisms across cell membranes	AN77.1 Describe theuterine 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 applications in Clinical care and research(TEST)	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 arteries & veins (D)	AETCO M(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

Saturday 05/03/2022	AN67.3 Describethe ultra structureof muscular tissue (D)	PY3.1 Describethe structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytoki nes HorizontalIntegration with Physiology	AN5.4 Explain functional difference between elastic, muscular arteries and arterioles AN5.7 Explain function of meta- arterioles, precapillary sphincters, arterio- venous with Horizontal Integration with Physiology anastomoses AN69.1 Identify elastic & muscularblood 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 vesselAN5.1 Differentiate between blood vascular and lymphatic system Horizontal Integration with Physiology AN5.2 Differentiate between pulmonary andsystemic circulation Horizontal Integration with Physiology AN5.3 List general differences betweenarteries & veins (DH)		FOUNDATION COURSE 1- 2 Relation to patient experience of disease Psychiatry Dept	FOUNDATION COURSE 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 dept.) by IT teacher
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		<u>_M</u>	UZAFFARNAGAR MEDICAL <u>04th Weeks</u>		<u>R</u>				
Days	08- 09am	09- 10 am	10- 11am	11- 12am	12- 01pm	01- 02pm	02- 03pm	03- 04pm	04- 05pm
Monday 07/03/2022	AN5.5 Describe portal systemgiving 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- venousanastomoses with Horizontal Integration with Physiology AN5.8 Define thrombosis,	BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features oftheir metabolism	AN5.5 Describe portal system gi AN5.6 Describe the concept of circulation with significance of Integration with Physiology & medicine AN5.7 Explain function of met precapillary sphincters, arterio- with Horizontal Integration wi AN69.1 Identify elastic & muse under the microscope (DH)	anastomoses and collateral end- arteries with Horizontal &Vertical Integration General a- arterioles, venous anastomoses th Physiology	LUNCH	PY3.2 Describe the types, functions & properties of nerve fibers (SDL)	normal urin Vertical Integration General surgery PY2.11 Ess RBC, TLC DLC, Bloo BT/CT PY5.12 Re pressure & andin diffe	ne. timate Hb, , RBC indices, dgroups, cord blood pulse at rest rent grades of d postures in a or simulated	Class of computer and languages computer section of library and physiolog y deptt.) by IT teacher

	infarction & aneurysm Horizontal Integration with Physiology & Vertical Integration with Pathology (L)						
Tuesday 08/03/2022	BI3.1 Discuss and differentiate monosaccharide des, di- saccharides 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 (D)	PY3.3 Describe the degenerationand regenerationin peripheral nerves (L)	AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomyof lymph node,spleen, thymus, tonsil and correlate the structure with function AN6.3 Explain the concept of lymphoedemaand spread of tumors via lymphatic's 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 Integratio nwith Physiology (D)	<u>AETCOM (F.1)</u> History of Pandemic and insmall groups and identifythe reasons (small group discussion with prior information it can be essaywriting and d iscussion Dr. Shruti Sehgal S.P.M.	Class of computer and languages computer section of library and physiolog y deptt.) by IT teacher
Wednesday 09/03/2022	BI3.1 Discuss and differentiate monosaccharide's, di-saccharides and	AN7.4 Describe structure of atypical spinal nerve AN7.5 Describe	AN7.4 Describe structure of a typical sp AN7.5 Describe principles of se of muscles Horizontal Integration with		BI5.1 Describe and discuss structural organizatio n of proteins.	BI11.3 Describe the chemical componentsof normal urine. Vertical Integration General Surgery PY2.11 Estimate Hb, RBC,	Class of computer and languages computer section of library

	polysaccharides giving examples of main carbohydratesas 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 GeneralMedicine AN7.2 List components of nervous tissue and their functions Horizontal Integration withPhysiology AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system Vertical Integration General Surgery (DH)	BT/CT PY5.12 Recorrest and in dif	dices, DLC, Bloodgroups, ord blood pressure & pulse at ferent grades of exercise in a volunteer or simulated	and physiology deptt.) by IT teacher
Thursday 10/03/2022	PY3.4 Describe thestructure of neuro- muscular junction andtransmissionof impulses (D)	AN77.3 Describe spermatogene sis and oogenesis along with diagrams AN77.4 Describe the stages and consequences of fertilization (L)	AN7.4 Describe structure of a typicalspinal 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 withits applied anatomy Vertical Integration with General Medicine (DH)	PY3.7 Describe The different types of muscle fibres and Their structure	 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 physiolog y deptt.) by IT teacher

Friday 11/03/2022	AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve AN68.2 Describe the structure- function correlation of neuron AN68.3 Describe the ultra structureof nervous tissue (L)	PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	AN77.4 Describe the stages and consequences of fertilization AN77.5 Enumerate and describe the anatomical principles underlying contraception (L)	PY3.8 Describeaction potential and its properties in different muscle types (skeletal & smooth) (D)	AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.3 Enumerate peculiaritie s 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 physiolog y deptt.) by IT teacher
Saturday 12/03/2022	PY3.5 Discuss the action of neuro- muscular blocking agents(D)	AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	anatomical pos	the given bone, its side, important features & keep it in ition AN8.2 Identify & describe jointsformed by the given bone e attachment, nerve supply & action of pectoralis major and or	FOUNDA TION COURSE(1- 3) Relationsh ip to practice inmodern medicine and Communi cation to patient and family delivering of bad news And	FOUNDATION COURSE (3- 4) National Hazard and yourroll Deptt. S.P.M.	Class of computer and languages computer section of library and physiolog y deptt.) by IT teacher

			MUZAFFARNAGAR N	MEDICAL COLLEGE MUZAFFARNAGAR 5 th Weeks	1				
Days	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM
Monday 14/03/2022	AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomyand applied anatomy of breast (L)	BI5.1 Describe and discuss structural organization of proteins.	anatomical Position AN8.2 Identify & describe AN9.1 Describe attachment, pectoralis minor AN9.2 Breast: Describe the	ne, itsside, important features & keep it in jointsformed by the given bone nerve supply & action of pectoralis major and location, extent, deep relations,structure, age phaticdrainage, microanatomy and applied		PY2.1 Describe the composition and functions of blood components (SDL)	PY2.11 Estin RBC, TLC, R indices,DLC groups, BT/C PY5.12 Recc pressure & pu and in differd exercise and volunteer or environment BI11.3 Desc chemical cor normal urine (LAB)	BC , Blood CT ord blood ilse at rest ent grades of postures in a simulated ribe the nponents of	Class of computer and languages computer section of library and physiology deptt.) by IT teacher
Tuesday 15/03/2022	BI3.2 Describe the processes involved in digestion and assimilation of carbohydratesand storage. INTRIGRATE DWITH G.M (L)	PY3.9 Describethe molecular basis of musclecontraction in skeletal and in smoothmuscles (D)	COMMUNITY MED Field visit CM 17.1,17.3,17.5		L U N C H		AN9.2 Breas the location, relations,stru changes, bloo lymphaticdra microanatom applied anatomy of th AN10.4 Dess anatomical g axillary lymp specify their areas of drainaa INTRIGRATE WITH G.S (EC	extent, deep cture, age od supply, iinage, iy and preast cribe the roups of oh nodes and ge D	Class of computer and languages computer section of library and physiology deptt.) by IT teacher
Wednesday 16/03/2022	BI3.3 Describe and discuss the digestion and assimilation of carbohydrates from food.	AN10.2 Identify, describe and demonstrate the origin, extent, course,	anatomical Position	ne, itsside, important features & keep it in location, extent, deep relations,		BI5.1 Describe and discuss structural organizationof proteins.	PY2.11 Estin RBC, TLC, R indices,DLC groups, BT/C PY5.12 Recc pressure & p	BC , Blood CT ord blood	Class of computer and languages comput

	INTRIGRATED WITH G.M (L)	parts, relations and branches of axillary artery &tributaries of vein (DEMO)	structure, age changes, blood supply, lymphaticdr anatomy of breast AN10.2 Identify, describe and demo relations and branches of axillaryart Describe the anatomical groups of axillary lymph nodes and areas of drainage (DH)	nstrate the origin, extent, course, parts, ery & tributaries of vein AN10.4		and in different gradesof exercise and postures in a volunteer or simulated environment BI11.3 Describe the chemical components of normal urine. INTRIGRATED WITH G.M (LAB)	er section of library and physiology deptt.) by IT teacher
Thursday 17/03/2022	PY2.2 Discuss the origin, forms, variations and functions of plasma Proteins INTRIGRATE D WITH BIO (D)	AN78.1 Describe cleavage and formation of blastocyst	AN8.1 Identify the given bone, itssid anatomical Position AN10.1 Identify & describe bounda Describe the anatomical groups of a areas of drainage AN10.7 Explain anatomical basis of e (DH)	ries and contents of axilla AN10.4 xillary lymph nodes and specify their	PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth)	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 INTRIGRATED WITH G.M (LAB)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher
Friday 18/03/2022	AN10.3 Describe, identify and demonstrate formation, branches, relations, areaof supply of branches, course and relations of	PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	AN78.2 Describe the development of trophoblast (L)	PY3.10 Describe the mode of muscle contraction (isometric and isotonic)	AN10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and	AETCOM (1.1) What it means to be a doctor	Class of computer and languages computer sectionof library and

	terminal branches of brachial plexus (L)			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)		Physiology deptt.) by IT teacher
Saturday 19/03/2022	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 dorsiAN10.9 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.11 Describe & demonstrate attachment of serratus anterior with itsaction (D)	 AN8.1 Identify the given bone, itsside, important features & keep it in anatomical Position AN8.2 Identify & describe jointsformed by the given bone AN10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course andrelations of terminal branches ofbrachial plexus AN10.4 Describe the anatomical groups of axillary lymph nodes andspecify their areas of drainage 	FOUNDATIO N COURSE 1- 2 Publishing of research article and rules(2) Dr. Sapna	FOUNDATION COURSE 2- 4 Methods of dressings and fracture support first aid (Nursing Staff under observation of deptt. of orthopaedics)	Class of computer and languages computer section of library and physiology deptt.) by IT teacher

		MUZ		COLLEGE MUZAFFARNAGAR					
			06 th Week						
Days	08- 09am	09- 10 am	10- 11am	11- 12am	12- 01pm	01- 02pm	02- 03pm	03- 04pm	04- 05pm
Monday 21/03/2022	AN10.10 Describe andidentify the deltoid and rotator cuff muscles (AND SPACES)	BI5.3 Describe the digestion and absorption of dietary proteins.	relations and branches of axili AN10.3 Describe, identify and demons relations, area of supply of branches, courses branches of brachial plexus AN10.13	ts formed by the given bone trate the origin, extent,course, parts, lary artery & tributaries ofvein trate formation, branches,		PY5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system (SDL)	PY2.11 Estin RBC,TLC, R DLC, Blood BT/CT PY5. Demonstrate clinical exam the cardiovas system in a n volunteer or s environment BI11.4 Perfor analysis to ess determine no abnormal corr (LAB)	BC indices, groups, L5 the correct ination of cular ormal simulated rm urine timate and rmal and	Class of computer and languages computer section of library and physiolog y deptt.) by IT teacher
Tuesday 22/03/2022	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co- factors.	AN10.12 Describe and demonstrate shoulder jointfor– type, articular surfaces, capsule,	PY5.3 Discuss the events occurring during the cardiac cycle	AN10.12 Describe and demonstrate shoulder jointfor– type, articular surfaces, capsule,		AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and	AN8.1 Identify bone, its side, i features & keej anatomical pos AN10.12 Desc demonstrate sh for- type, artic surfaces, capsu membrane, liga relations, move muscles involv supply, nerve s applied anatom AN11.1 Desc demonstrate n groups ofupp emphasis on 1 triceps brachi (Other Exam)	mportant o it in ition ribe and oulder joint ular le, synovial uments, end, blood upply and y ribe and nuscle er arm with biceps and	Class of computer and languages computer section of library and

	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 INTRIGRATEDWITH ORTHO	triceps brachii		physiolog y deptt.) by IT teacher
Wednesday 23/03/2022	Bi2.1 Explain fundamental concepts of enzyme, is enzyme, all enzyme, 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	Fie	ITY MEDICINE eld visit .1,17.3,17.5	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 physiolog y deptt.) by IT teacher
Thursday 24/03/2022	BI1.1 Describe the molecular				clin importance of bl	rent blood groups and discu	
24/05/2022	and functionalorganization of a cell and itssubcellular components SDL	changes, blood suj Anatomy of breast	oply, lymphatic drainage, m the anatomical groups of ax	eep relations ,structure, age icroanatomy and applied illary lymph nodes and specify	 transfusion AN78.4 Describe the formation of extra-embryonic mesoderm 	AETCOM (1.1)	Class of computer and languages computer
Friday 25/03/2022	AN11.3 Describe the anatomical basis of Venepuncture of cubital veinsAN11.5 Identify& describe boundaries and contents of cubital force (D)	PY5.5 Describe the physiology of electrocardio gram (E.C.G),	AN78.3 Describe the process of in abnormal sites of implat AN78.4 Describe the formation of	ntatio n	and coelom, bilaminar disc and prochordal plate (D)	What it means to be adoctor Physiology deptt	section of library and physiolog y deptt.) by IT teacher

			mesoderm and coelom, bilaminar disc and prochordal plate (L)						
turday 03/2022	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)	biceps and tricep features & keep in articulated har the peculiarities	e and demonstrate muscle ; os brachii AN8.1 Identify th it in anatomical position A nd, Specify the parts of me of misinform AN8.6 Descr of avascular necrosis	ne given bone, its side, imp N8.5 Identify and name va tacarpals and phalanges an	ortant arious bones ad enumerate	FOUNDATION COURSE 1- 2 Relation of doctor with medical fraternity Dr. Bharti Maheshwari	FOUNDATION COURSE 2- 4 Operation theater visits and protocol Anatomy/Physiology/Bioc hemistry	Class of compute rand language s compute rsection oflibrary and physiolo gy deptt.) by IT teacher

			<u>_M</u>		MEDICAL CO	DLLEGE MUZAFFARNAGAR			
		Γ							1
Days	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM
Monday 28/03/2022	AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions	BI6.6 Describe the biochemical processes involvedin generation of energy in cells.	AN8.1 Identify its side, importa keep it in anato AN12.1 Descril demonstrate im groups of ventra attachments,ner actions (DH)	ant features & mical position be and portant muscle al forearm with	LUNCH	PY2.3 Describe anddiscuss the synthesis andfunctions of Haemoglobinand explain its breakdown. Describe variants of haemoglobin(SDL)	indices,DLC, Bl PY5.15 Demons examination of the system in a norm environment BI11.4 Perform	e Hb, RBC, TLC, RBC ood groups, BT/CT strate thecorrect clinical he cardiovascular hal volunteer or simulated urine analysis to estimate ormal and abnormal	Class of compute r and languag es compute r section of library and physiolo gydeptt.) by IT teacher
Tuesday 29/03/2022	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 discusslocal and systemic cardiovascular regulatory mechanism (D)	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. Alsodescribe movements of thumb andmuscles involved AN12.6 Describe & demonstrate movements of thumb andmuscles involved	Public Health (D CM5.1 Describe various nutrients requirements acco	ad describe the concept of r.Dheeraj Sharma) the common sources of and special nutritional ording to age, sex, activity, ditions (Dr.Sangeeta Jain	Class of compute r and languag es compute r section of library and physiolo gydeptt.) by IT teacher

Wednesday 30/03/2022	BI2.4 Describe and discuss enzymeinhibitors as poisons and drugs and as therapeutic enzymes INTRIGRATED WITH G.M	AN12.7 Identify & describe course and branches of important blood vessels and nervesin hand AN12.8 Describe anatomical basis of Claw hand (L)	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 avascularnecrosis 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)	BI6.6 Describe the biochemical processes involved in generation of energy in cells. (D)	PY2.11 Estimate Hb, RBC, TLC, RBC indices,DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulatedenvironment BI11.5 Describe screening of urine for inborn errors & describethe use of paper chromatography (LAB)	Class of computer and language s computer section of library and physiolog ydeptt.) by IT teacher
Thursday 31/03/2022	PY2.4 Describe RBC formation (erythropoiesis &its regulation) and its functions (D)	AN78.5 Describe in brief abortion; decidual reaction, pregnancy test AN79.1 Describe the formation & fate of the primitivestreak (L)	AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascularnecrosis AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involvedAN12.6 Describe & demonstrate movements of thumb and muscles involved	PY5.7 Describe and discuss haemodynam ics of circulatory system	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECG in a volunteer or simulatedenvironment BI11.5 Describe screening of urine for inborn errors & describethe use of paper chromatography (LAB)	Class of computer and language s computer section of library and physiolog ydeptt.) by IT teacher
Friday 01/04/2022	AN12.14 Identify & describe compartments deep to extensor retinaculumAN12 .15 Identify & describe extensor expansion formation	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis INTRIGRATED WITH G.M	(ECE) AN12.12 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vesselsof back of forearm AN12.8 Describe anatomicalbasis of Claw hand AN12.13 Describe the anatomical basis of Wrist drop	PY5.9 Describe thefactors affecting heart rate, regulation of cardiac output & blood pressure	AETCOM(1.2) What it means to be aPatient Biochemistry deptt	Class of computer and languages computer section of library and physiology deptt.) by IT teacher

	PY5.9 Describe	AN13.1 Describe	AN8.6 Describe scaphoid	FOUNDATIO	FOUNDATI	FOUNDAT	Class of
	the factors	and explain Fascia	fracture and explain the	N COURSE	ON	ION	computer
	affecting heart	of upper limb and	anatomical basis of avascular	1-2	COURSE	COURSE	And
	rate, regulation	compartments,	Necrosis	Communicati	2-3	3-4	languages
	of cardiac output	veins of upper limb	AN13.6 Identify &	on with	Peer	Managem	computer
	& blood pressure	and its lymphatic	demonstrate important bony	medical	assisted	ent of	section of
	(D)	drainage	landmarks of upper limb:	faculty	learning	BWM	library and
		(D)	Jugular notch, sternal angle,	(Anatomy Dept)	Dr. Bhawna	accordanc	physiolog
							у
			acromial angle, spine of the		Sharma	e to	deptt.) by
			scapula, vertebral level of the			National	IT teacher
Saturday			medial end, Inferior angle of			regulation	
02/04/2022			the scapula			(microbiology)	
			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				
			(DH)				

			MUZAFF	ARNAGAR MEDIC 8	AL COLLEG	E MUZAFFARNA	AGAR		
Days	08- 09am	09- 10 am	10- 11am	11- 12am	12- 01pm	01- 02pm	02- 03pm	03- 04pm	04- 05pm
Monday 04/04/2022	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.	articular surfaces membrane, ligam movements, bloo of elbow joint, pr radio- ulnar joint first carpometaca	d and nerve supply oximaland distal s, wrist joint &	LUNCH	PY2.5 Describe different types of anemia's & Jaundice (SDL)	groups, BT/CT PY5.13 Record simulated enviro BI11.5 Describe	te Hb, RBC, TLC, RBC indices, DLC, Blood and interpret normal ECG in avolunteer or onment e screening of urine for inborn errors &describe r chromatography INTRIGRATED WITH	Class of computer and languages computer section of library and physiolog y deptt.) by IT teacher
Tuesday 05/04/2022	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	AN13.5 Identify the bones and joints of upper limb seen in anteroposterior and lateralview 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, Ist rib and typical thoracic vertebra (D)	including concep determinants of h CM5.2 Describe performing a nut	ealth; describe the concept of holistic health t of spiritual health and the relativeness & health (Dr.Dheeraj Sharma) and demonstrate the correct method of ritional assessment of individuals, families and y using the appropriate method(Dr.Sangeeta	AN65.2 Describe the ultrastru cture of epitheliu m AN66.2 Describe the ultrastru cture of connecti ve tissue Online seminar & Gmail (SDL)

		wrist joint & first carpometacarpal joint	computer section of library and physiology deptt.) by IT teacher hand INTRIGRATED WITH RADIO (D)	
Wednesday 06/04/2022	BI2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions. INTRIGRATED WITH G.M	P.C.	.T(Anatom y)	BI6.6 Describe the biochemical processes involved in generation of energy in cells.
Thursday 07/04/2022	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, Ist rib and typical thoracic vertebra AN21.2 Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae (DH)	PY5.7 Describe and discuss haemodynam ics of circulatory system (L)
Friday 08/04/2022	AN21.3 Describe & and outlet AN21.4 Describe fibres, nerve sup Describe & demon typical intercosta PY6.1 Describe t PY6.2 Describeth	& demonstrate extent, as oply and actions of inter strate origin, course, rela	ries of thoracic inlet, cavity ttachments, direction of costal muscles AN21.5 tions and branches of a of respiratory tract espiration, pressure	AN21.5 Describe & demonstrate origin, course, relations and branches of a typical

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)	AN4.1 Describe different types of skin & dermatom es inbody (SDL)	
PY5.7 Describe and discuss haemodynam ics 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)	AN67.3 Describe the ultra structure of muscular tissue (SDL)	
AN21.5 Describe & demonstrate origin, course, relations and branches of a typical	AETCO M (1.2) What it means to be a Patient	AN69.3 Describe the ultrastru cture of blood vessels (SDL)	

	capacity of lungs	npliance, airway resis	tance, ventilation, V/Pratio, diffusion
Saturday 09/04/2022	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)

			MUZAFFARNA	GAR MEDICAL COLI 09 th Weeks		ARNAGAR			
Days	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM
Monday 11/04/2022	Coenzyme & co-factors.	ECE ANATOMY DH: AN 21.8, Describe &	novement of manubrioster	nal,		ECE PHYSIOLOGY PY 2.5 Describe different ty	/pes of Anemia		AN68.3 Describe the ultrastru cture of nervous tissue (SDL)
	SDL PHYSIOLOGY	BI2.6 Discuss use of enzy assays) ECE BIOCHEMISTRY	mes in laboratory investig	ations (Enzyme-based		SDL ANATOMY AN 21.10: Describe costochondral &	CM1.3 Describe the cha environmental factors in multi factorial etiology of Sharma) CM5.3 Define and descr health disorders (includi Zn, iodine, Vit. A), their (Dr.Sangeeta Jain Shar	health and dise of disease (Dr.D ibe common nung macro-PEM control and ma	ase and the heeraj trition related , Micro-iron,
Wednesday 13/04/2022	B12.5 Describe and discuss theclinical utility of various serum enzymes as markers of pathological conditions. (L)	AN21.11 Mention boundaries andcontents of the superior, anterior, middle and posterior mediastinum (L)	AN21.11 Mention bound the superior, anterior, m mediastinum(DH)			BI2.6 Discuss useof enzymes in laboratory investigations (Enzyme- based assays) INTRIGRATED WITH G.M	PY2.11 Estimate Hb,R RBC indices, DLC, Blood gr PY5.13 Record and int ECGin a volunteer or s environment B111.5 Describe screen forinborn errors & desc paper chromatography	oups, BT/CT erpret normal imulated ing of urine ribe the use of	AN9.3 Describe development of breast AN13.2 Describe dermato mes of upper limb (SDL)

Thursday 14/04/2022	PY2.6 Describe WBC formation (granulopoiesis) and its regulation(D)	AN24.1 Mention the blood supply, lymphatic drainage and nerve supply ofpleura, extent of pleura and describe the pleural recesses the pleural recesses 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 INTRIGRATED WITH G.M (DH)	L U N	normal respira changes durin volume and ca surface tension	g ventilation, lung pacities, alveolar n, compliance, nce, ventilation, usion	 PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY5.13 Record and interpret normal ECGin a volunteer or simulated environment BI11.9 Demonstratethe estimation of serum total cholesterol and HDLcholesterol (LAB) 	ExtracUrricul Ar ActivitiEs
Friday 15/04/2022	drainage and nerve pleura and describe their applied anaton G.M (DH)	e blood supply,lymphatic supply of pleura, extent of the pleural recesses and my INTRIGRATED WITH	Physiology PCT	С Н	Sports FOOT	BALL MATCH		
Saturday 16/04/2022	PY2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (D)	which form root of lung & correlate AN24.3 Describe a (DH) Identify phrenic nerve & d	rnal features and relationsof structures t bronchial tree and their clinical bronchopulmonary segment AN24.4 describe its formation & distribution l supply, lymphatic drainage and		FOUNDATIO NCOURSEFOUND ATION1- 2COURSEPerform sessionon basic life support Dr.Anil singhSkill Lab2- 3 Hands on sessionof first aid Nursingin charge and team		FOUNDATION COURSE Inter personalrelationship Dr.Anju Mittal and team	ExtracUrricul Ar ActivitiEs

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

10th Weeks

Days	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM
Monday 18/04/2022	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, drawand label a slide of trachea and lung (L)	BI4.3 Explain the regulationof lipoprotein metabolism & associated disorders.	AN24.4 Identify phrenic formation & distribution AN25.1 Identify, draw a and lung (DH)		L U	PY2.7 Describe the formation ofplatelets, functions and variations.(SDL)	PY2.11 Estim TLC, RBC indices, DLC, groups, BT/CT Demonstrateth clinical examin respiratory sy volunteer or s environment BI11.6 Descri principles of c (LAB)	Blood PY6.9 e correct hation of the stem ina normal imulated be the	Sports and extra curricula r activities
Tuesday 19/04/2022	BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	AN22.1 Describe & demonstrate subdivisions,sinuses in pericardium,blood supplyand nerve supply of pericardium(L)	PY5.8 Describeand discuss local and systemic cardiovascular regulatory mechanisms (D)	AN22.2 Describe & demonstrate external and internal features of eachchamber of heart (D)	C H	AN22.2 Describe& demonstrate external and internal featuresof each chamberof heart (D)	CM1.4 Describ natural history (Dr.Dheeraj Sl CM5.4 Plan an suitable diet for and families ba availability of f economic status simulated envir (Dr.Sangeeta J	narma) d recommend a the individuals sed on local oods and s etc in a onment	Sports and extra curricula r activities

Wednesday 20/04/2022	BI3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	AN22.3 Describe & demonstrateorigin, courseand branches of coronary arteries (L)	AN22.2 Describe & dem internal features of each AN22.3 Describe & der course and branches of e (DH)	chamber of heart nonstrateorigin,	BIOCHEMISTRY PCT	PY2.11 Estimate Hb,RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY6.9 Demonstrate the correct clinical examination of the respiratory system ina normal volunteer or simulated environment BI11.6 Describe the principles of colorimetric (LAB)	Sportsand extracurricular activities
Thursday 21/04/2022	circulation, coronary, circulation AN22.3 Do arteries AN22.4 Describe anat- origin, course and bran	onary circulation) scuss regional circulation cerebral, capillary, skin, fo escribe & demonstrate orig omical basis of ischaemic h nches of coronary arteries mical basis of ischaemic he	ontal, pulmonary and splar gin, course and branches o leart disease AN22.3 Desc	nchnic f coronary	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	PY2.11 Estimate Hb,RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY6.9 Demonstrate the correct clinical examination of the respiratory system ina normal volunteer or simulated environment BI11.7 Demonstrate the estimation of serum creatinine andcreatinine clearance BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance (LAB)	Sportsand extracurricular activities
Friday 22/04/2022	AN22.5 Describe & demonstrate the formation,course, tributaries and termination of coronary sinus AN22.7	PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction INTRIGRATED WITH G.M	AN22.6 Describe the fibrous skeletonof heart (D)	PY5.9 Describe the factors affecting heart rate, regulationof cardiac output & bloodpressure (D)	AN23.1 Describe& demonstrate the external appearance, relations, blood supply, nerve supply,lymphaticdrainage and applied anatomy	AETCOM(1.2) What it means to bea Patient Biochemistry deptt	Sportsand extracurricular activities

	Mention the parts, positionand arterial supply of the conducting system of heart (D)				of oesophagus (L)		
Saturday 23/04/2022	PY2.10 Define and classify different typesof 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 fil AN23.1 Describe & der appearance, relations, bl supply, lymphatic drains anatomy of esophagus A demonstrate the extent, relations trib and enumerate its applie	nonstrate the external lood supply, nerve age and applied AN23.2 Describe & utaries of thoracic duct	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 extrac urricular activities

MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR

Days	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM
Monday 25/04/2022	AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins (L)	BI4.3 Explain the regulationof lipoprotein metabolism & associated disorders.	AN23.2 Describe & de relations tributaries off enumerate its applied a AN23.3 Describe & de course, relations, tribut termination of superior hemiazygos and access veins INTRIGRATED WITH (DH)	horacic duct and natomy emonstrateorigin, aries and venacava, azygos, cory hemiazygos	L	PY2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding& clotting disorders (Hemophilia, purpura) (SDL) INTRIGRATED WITH PATHO		Blood PY6.8 hniqueto erpret I11.7 he estimation tinine and urance BI11.22 umin: globulin d creatinine	Sportsand extracurricular activities
Tuesday 26/04/2022	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 theextent, relations and	PY6.3 Describeand discuss thetransport 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 (L)	U N C H	AN44.1 Describe& demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen (D)	Unethical and ssional behav Forensic Medic	ior	Sportsand extracurricular activities

11 Weeks

		applied anatomy of lymphatic duct (D)				
Wednesday 27/04/2022	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 ofaorta & descending thoracic aortaAN23.5 Identify & Mention the location and extent of thoracic sympathetic chain AN23.7 Mention the extent, relations and applied anatomy oflymphatic 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 techniqueto perform & interpret Spirometry B111.7 Demonstrate the estimation of serum creatinine and creatinine clearance B111.22 Calculate albumin: globulin (AG) ratio and creatinine clearance (LAB)	Sports and extrac urricular activities
Thursday 28/04/2022	PY2.10 Define and classify different typesof 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 aortaAN23.5 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	PY2.11 Estimate Hb,RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY6.8 Demonstrate the correct technique to perform & interpret Spirometer B111.8 Demonstrate estimation of serum proteins, albumin and A:G ratio B111.22 Calculate albumin: globulin (AG) ratio and creatinine clearance(LAB)	Sports and extrac urricular activities

Friday 29/04/2022	AN45.1 Describe Thoracolumbar fascia (D)	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & bloodpressure INTERIGRATED WITH G.M	AN44.6 Describe& demonstrate attachments of muscles of anterior abdominal wall AN44.7 Enumerate common Abdominal incisions (D)	PY5.11 Describe the patho- physiology ofshock, 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 urricular activities
Saturday 30/04/2022	PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation (D)	AN44.4 Describe & der canal including Hessel	rmation of rectus sheath andi monstrate extent, boundaries bach's triangle. mon Abdominal incisions		Concept of professionalism Dr.Vinay Sharma	Role model and making of healthcare team to complete a health project Ex. Pulse polio S.P.M.Team (Dr. Shruti Sehgal)	Sports and extrac urricular activities

			MUZAFFA	RNAGAR MEDIC	AL COLLEGE	MUZAFFARNAGAR			
				<u>12</u>	th Weeks				
Days	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM
Monday 02/05/2022	AN45.1 Describe Thoracolumbar fascia (D)	regulation of rectus sheath and its contents p lipoprotein AN44.6 Describe & demonstrate h metabolism & attachments of muscles of associated anterior abdominal wall h disorders. (DH) of		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 th abdomen in a normal volunteer or simulated environment BI11.8 Demonstrate estimation o serum proteins, albumin and A:Gr BI11.22 Calculate albumin: globu (AG) ratio and creatinine clearand			Sports and extra curricular activities		
			DUKA		-		(LAB)	TT	
Tuesday 03/05/2022	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	AN44.5 Explain the anatomical basis of inguinal hernia. INTEGRATED WITH G.M	L U N C H	AN80.4 Describe embryological basis of twinning in monozygotic &dizygotic twins AN80.5 Describe role of placental hormones in uterine growth & parturition (L)	Maintain Confidentiality (Surgery)	Have an understandi ng of accessible healthcare setting for patients with disabilities, including universal design	Sports andextracurricular activities
Wednesday 04/05/2022	BI4.3 Explain the regulation of lipoprotein metabolism & Associated disorders. SDL Biochemistry	ECE ANATOMY AN44.4 Describe & amp; demonstr Boundaries boundaries, co Inguinal canal including H triangle. AN44.5 Explain the anatomical 1 be inguinal Hernia.	ntents of esselbach's			BI3.5 Describe and discuss t of carbohydrate along with a ECE Biochemistry			

Thursday 05/05/2022	PY2.10 Define and classify different typesof immunity. Describe the development of immunity and its regulation (D)	AN46.1 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 Varicocoele (L)	AN44.1 Descr demonstrate th (transpyloric, transtubercula lateral vertical lineasemilunan Quadrants of a AN44.5 Expla anatomical bas hernia. AN44.6 Descr demonstrate at musclesof ante wall (DH)	ne Planes r, subcostal, , linea alba, ris), regions & ubdomen in the sis of inguinal ibe &	mecha respira change lung v capaci surface compl resista ratio, d	b.2 Describe the hanics of normal iration, pressure ges during ventilation, volume and icities, alveolar ace tension, pliance, airway itance, ventilation, V/P o, diffusion capacity mgs (D)	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:Gratio BI11.22 Calculate albumin:globulin (AG) ratio and creatinine clearance (LAB)	Sports andextracurricular activities
Friday 06/05/2022	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 patho- physiologyof shock, syncope and heart failure	metho diagno indica disadv amnio Descri proces	31.1 Describevarious nodsof prenatal nosis AN81.2 Describe cations, process and dvantages of iocentesis AN81.3 cribeindications, ess and disadvantages orion villus biopsy (D)	AETCOM (1.3) Doctor patientRelationship Biochemistry deptt	Sports and extra curricular activities
Saturday 07/05/2022	PY2.10 Define and classify different typesof immunity. Describe the development of immunity and its regulations (D)	AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac (L)	AN47.1 Descr boundaries and Lesser & Grea (DH)	drecesses of	docum medic	ortance of imentationIn lical profession ensic Medicine)	Value of integrity And honesty andrespect during interaction with seniors and Faculties (Biochemistry) Privilege communication inmedical ethics (Forensic Medicine)	Sports andextracurric ular activities

	MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR												
Days	07- 08AM	08- 09AM	09- 10 AM	10- 11AM	11- 12AM	12- 01PM	01- 02PM	02- 03PM	03- 04PM	04- 05PM			
Monday 09/05/2022													
Tuesday 10/05/2022	-												
Wednesday 11/05/2022		E	TERM EXAMINATION			LUNCH		TERM EXA	MINATION				
Thursday 12/05/2022	-												
Friday 13/05/2022													
Saturday 14/05/2022													

				MUZAFFARNAGAR N	<u>/IEDICAL CO</u> 14 th Weeks	OLLEGE MUZAFFARN	AGAR		
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4P M	4-5PM
Monday 16/05/2022	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)			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 HDL cholesterol (LAB) 		AN13.2 Describe dermato mes of upper limb (SDL)
Tuesday 17/05/2022	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 basisof Subphrenic abscess (D)	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen andCarbon dioxide (L)	AN25.2 Describe development of pleura, lung & heart (L)	LUNCH	AN25.2 Describe development of pleura, lung & heart (L)	 CM1.5 Describe the application of interventions at various levels of prevention (Dr.Dheeraj Sharma) CM5.5 Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio- cultural factors. (Dr.Sangeeta Jain Sharma) 		AN21.10 Describe costochon dral and interchon dral joints (SDL)
Wednesday 18/05/2022	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation.(L)	AN47.5 Describe & demonstrate major viscera ofabdomen underfollowing 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 anatomicalbasis of Splenic	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 aroundumbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach (DH)			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 autonomicfunction tests in a volunteer or simulatedenvironment BI11.9 Demonstrate the estimation of serumtotal cholesterol and HDLcholesterol (LAB)		AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia (SDL)

	PY4.2 Describe the	notch,Accessoryspleens, Kehr'ssign, Differenttypes ofvagotomy, Liverbiopsy (site ofneedlepuncture),Referred pain incholecystitis,Obstructivejaundice,Referred painaroundumbilicus,Radiating painof kidney togroin &Lymphaticspread incarcinomastomach (L)AN47.5 Describe & demonstrate major viscera ofabdomen under following headings (anatomical	PY4.2 the		2.11 Estimate Hb, RBC, TLC, RBC indices, C, Blood groups, BT/CT	
Thursday 19/05/2022	composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion (D)	 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 (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) 	compos mechan secretic function regulati saliva, g pancrea intestin and bile secretic	ition, PY5. ism of funct n, envin as, and BI11 on of total gastric, (LA) tic, al juices	5.14 Observe cardiovascular autonomicction tests in a volunteer or simulatedironment1.9 Demonstrate the estimation of serumI cholesterol and HDLcholesterol	SPORTS

	 AN47.5 Describe & demonstrate major viscera of (anatomical position, external and internal featur relations, blood supply, nerve supply, lymphatic. AN47.6 Explain the anatomical basis of Splenic Different types of vagotomy, Liver biopsy (siteo cholecystitis, Obstructive jaundice, Referred pair kidney to groin & Lymphatic spread in carcinom (LIVER) (LI CLASS LIVER AND BILLARY) PY4.7 Describe & discuss the structure and function Describe & demonstrate major viscera of abdomen position, external and internal features, important properties, nerve supply, lymphatic drainage and applit AN47.6 Explain the anatomical basis of Splenic not Different PY4.7 Describe & discuss the structure and function different 	es, important peritoneal and other drainage and applied aspects) notch, Accessory spleens, Kehr's sign, f needle puncture), Referred pain in n around umbilicus, Radiating pain of ia stomach NKER ons of liver and gall bladder AN47.5 under following headings (anatomical veritoneal and other relations, blood ed aspects) tch, Accessory spleens, Kehr's sign,	AN47.5 Describe & demonstrate major viscera ofabdomen underfollowing 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	AETCOM(1.3) Doctor patientRelationship Biochemistry deptt(SDL)	Privileged communicatio n in medical ethics	SPORTS
Friday 20/05/2022					Dr.Harnam Singh	
Saturday 21/05/2022	 PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion(D) AN47.5 Describe & demonstrate major viscera of abdomen underfollowing 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 	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		standing of accessible healthcare setting for ities, including universal design	4.5.7 Have an understanding of accessi blehealthcare setting patients with disabilities, including universal design Dr. Vinay Sharma	SPORTS

Referred pain around umbilicus, Radiatingpain of kidney to groin &	kidney to groin & Lymphatic spread in carcinoma stomach(DUODENUM - I)			
Lymphatic spread in carcinoma stomach				
(DUODENUM · I)				

		MUZAFFARNA	GAR MEDICAL COLLE	<u>GE MUZAFFARNAGAR</u>					
			15 th Weeks						
Days	8- 9A M	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3P M	3- 4PM	4- 5PN
	AN47.5 Describe	BI4.4 Describe	AN47.5 Describe & des	monstrate		PY4.2 Describe		nate Hb, RBC,	AN23.6
Monday 23/05/2022							TLC,		
23/03/2022	& demonstrate	the structure and	major viscera of abdom	ien under		the composition,	RBC indices,	DLC, Blood	Describ
	major viscera of	functions of	following headings (an	atomical		mechanism of	groups, BT/CT		e the
	abdomen under	lipoproteins, their	position, external and in			secretion,		rve cardiovascular	splanch
	following	functions,	features, important peri			functions, and	autonomic fur	nction tests in a	Nic ner
	headings	interrelations &	other relations, blood s			regulation of	volunteer or s	imulated	(SDL)
	(anatomical	relations with	supply, lymphatic drain			saliva, gastric,	environment		(501)
	position, external	atherosclerosis	applied aspects)	luge und		pancreatic,	BI11.9 Demo	nstrate the	
	and internal		AN47.6 Explain the an	atomical basis		intestinal juices	estimation of	serum total	
	features,		of Splenic notch, Acces			and bile secretion	cholesterol an	d HDL cholesterol	
						(SDL)			
	important		Kehr's sign, Different	types of			(LAB)		
	peritoneal and		vagotomy, Liver biops	• •					
	other relations,		needle puncture), Refe	erred pain in					
	blood supply,		cholecystitis, Obstruct	ive jaundice,					
	nerve supply,		Referred pain around	umbilicus,					
	lymphatic		Radiating pain of kidn	ey to groin &					
	drainage and		Lymphatic spread in c	arcinoma					
	applied aspects)		Stomach						
	AN47.6 Explain		SPLEEN) (DH)						
	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)								

Tuesday	BI3.7 Describe	AN47.5 Describe	РУ6.3	AN47.9	AN25.2	Describe
/05/2022	the common	& demonstrate	Describe	Describe &	CM1.6 Describe and discuss the developmentation of health	nent of
			and		concepts, the principal of health promotion and Education, IEC and	
			discuss the		Behavioral change communication	
			transport		(BCC) (Dr.Dheeraj Sharma)	
	poisons that	major viscera of		identify the origin,	pleura 1	ung & he
	inhibit crucial	abdomen under		course, important	CM5.6 Enumerate and discuss the (L)	-
	enzymes of	following		relations and branches of	National Nutrition Policy,	
	carbohydrate	headings	of	Abdominal aorta,	¹¹ important national nutritional Programs including the Integrated AN13.8	
	metabolism(eg;	(anatomical	respiratory	Coeliac trunk, Superior	Child Development Services Describe	develop
	fluoride,	position, external	gases:	mesenteric, Inferior	Scheme (ICDS) etc (Dr.Sangeeta limb (SI	L)
	arsenate)	and internal	Oxygen	mesenteric & Common	Jain Sharma)	
		features,	and	iliac artery (D)		
		important	Carbon			
		peritoneal and	Dioxide			
		other relations,	(L)			
		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- intestina				
		l system: Oesophagus				

	,			

		Fundus of stomach, Pylorusof stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (EXTRA HEPATIC BILLARY)				
Wednesday 25/05/2022	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), Referredpain 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, Iteum, 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), Referredpain 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 (EXTRA HEPATIC BILLARY)	labora result: analyt associ	tory TLC, RBC i sof Blood group PY10.11 De correct clinic the nervous s functions, se system, refle in a normal simulated en B111.9 Dem estimation o	emonstrate the cal examination of system: Higher ensory system, motor exes, cranial nerves volunteer or avironment	AN 6 Debed diasiss pro- fir: triti er ol ter en alp top i n AN 5 Ex n er lo baa of coi ta ma tio nuu y g ter as na coi ta siss pro- ter ter ter top i n AN 5 Ex n coi ta siss top ter ter ter ter top i n AN 5 Ex n coi ta siss top ter ter ter ter ter ter ter ter ter ter

Thursday 26/05/2022	position, external and supply, lymphatic drai AN47.6 Explain the an vagotomy, Liver biops Referred pain around a stomach AN52.1 Describe & ide	internal features, importa nage and applied aspects natomical basis of Spleni sy (site of needle punctur umbilicus, Radiating pair entify the microanatomica ylorus of stomach, Duode	a of abdomen under follo ant peritoneal and other r s) ic notch, Accessory splee re), Referred pain in chol n of kidney to groin & Ly al features of Gastro- inte enum, Jejunum, Ileum, L	wing headings (anatomical elations, blood supply, nerve ns, Kehr's sign, Different types of ecystitis, Obstructive jaundice, ymphatic spread in carcinoma stinalsystem: Oesophagus, arge intestine, Appendix, Liver,	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 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)	SPORTS
Friday 27/05/2022	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, externaland 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	PY6.4 Describe and discuss the physiology of high altitude and deep sea diving	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, externaland 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	PY6.5 Describe and discuss theprinciples of artificial respiration, oxygen therapy, acclimatization and decompressionsickness.	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, externaland 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	A <u>ETCOM 1.4 The foundation</u> o <u>f</u> c <u>ommunication</u> (Physiology)	SPORTS

Referred cholecy Obstruc jaundice pain arc umbilice groin & spreadin stomach AN52.1 & identi microan features Gastro- system: Oesoph Fundus stomach Duoden Jejunun Large ir Append Gall bla Pancrea Suprare (CEAC APPAN	trive e, Referred bund us,Radiating kidney to Lymphatic in carcinoma n Describe ify the natomical s of intestinal agus, of n, Pylorusof n, mum, n, Ileum, ntestine, fix, Liver, idder, is & emal gland UM & IDIX)	needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus,Radiating pain of kidney to groin &Lymphatic spreadin carcinoma stomach AN52.1 Describe& identify the microanatomical features of Gastro- intestinal system: Oesophagus, Fundus of stomach, Pylorusof stomach, Pylorusof stomach, Pylorusof stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (CEACUM & APPANDIX) (D)		needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spreadin carcinoma stomach AN52.1 Describe & identify the microanatomic alfeatures of Gastro- intesti n alsystem: Oesophagus, Fundus of stomach, Pylorusof stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (LARGE & SMALL INTESTINS)		
28/05/2022 source of	es, their Different types of vagotor on and cholecystitis, Obstructive	ny, Liver biopsy (site of n jaundice, Referred pain ar	essory spleens, Kehr's sign, needle puncture), Referred pain in round umbilicus, Radiating pain of tomach	perform and inte	and discuss lung function tests	SPORTS

			MUZAFFA	RNAGAR MEDICAL	L COLLEGE MUZ	ZAFFARNAGAR		
				16	th Weeks			
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM 3- 4PM	04-05 PM
Monday 30/05/2022	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)	B14.5 Interpret laboratory resultsof analytes associated with metabolism of lipids	viscera of abdome headings (anatomi and internal featur peritoneal and oth supply, nerve supp drainage and appli Explain the anator notch, Accessorys Different types of biopsy (site of nee Referred pain in c Obstructive jaund around umbilicus, kidney to groin & carcinoma stomac AN47.9 Describe course, important branches of Abdoo trunk,Superior me mesenteric & Con (S.M.A (D)	cal position, external es, important er relations, blood oly, lymphatic ed aspects) AN47.6 nical basis of Splenic pleens, Kehr's sign, vagotomy, Liver dle puncture), holecystitis, ice, Referred pain Radiatingpain of Lymphatic spread in h & identify the origin, relations and minal aorta, Coeliac senteric, Inferior imon iliac artery) (I.M.A)	LUNCH	PY4.3 Describe GIT movements, regulation and functions. Describedefecation reflex. Explain role of dietary fibre.(SDL)	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups,BT/CT PY10.11 Demonstrate the correctclinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves ina normal volunteer or simulated environment BI11.10 Demonstrate the estimation of triglycerides (LAB)	AN13.8 Describe developm ent of upper limb (SDL)
	BI6.1 Discuss the metabolic processes that take place in specific organs inthe body in the fed and fasting states.	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, externaland internal features, important peritoneal and other relations,blood	viscera of abdome headings (anatomi and internal featur peritoneal and oth supply, nerve sup drainage and appli Explain the anaton Splenic notch, Act Kehr's sign, Diffe vagotomy, Liver b	cal position, external es, important er relations, blood oly, lymphatic ed aspects) AN47.6 nical basis of zessoryspleens, rent types of		AN47.8 Describe & identify	CM1.7 Enumerate and describe health indicators (Dr.Dheeraj Sharma) CM5.7 Describe food hygiene (Dr.Sangeeta Jain Sharma)	AN80.6 Explain embryolog ical basis of estimation of fetal age. AN80.7 Describe various types of umbilical cord attachmen ts (SDL)
Tuesday 31/05/2022			in cholecystitis,					

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

Wednesday 01/06/2022	BI6.1 Discuss the metabolic processes that take place in specific organs inthe 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 thesites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis& caput medusae inportal hypertension (L)	AN47.1 Describe & identify boundaries and recesses of Lesser & Greatersac AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomicalposition, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphaticdrainage 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 INTREGRATED WITH G.S	BI4.6 Describe the therapeutic uses ofprostaglandins and inhibitors of eicosanoid synthesis.	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CTPY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensorysystem, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment BI1.10 Demonstrate the estimation of triglycerides (LAB)	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 (SDL)
Thursday 02/06/2022	PY7.1 Describe structure and function of kidney(D)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, externaland internal features, important peritoneal and other relations, blood supply, nerve supply,lymphatic	AN47.5 Describe & demonstratemajor viscera of abdomen underfollowing 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, Accessoryspleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating	PY6.6 Describe anddiscuss the pathophysiology of dyspnoea, hypoxia,cyanosis asphyxia; drowning, periodic breathing	PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups,BT/CT PY10.11 Demonstrate the correctclinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves ina normal volunteer or simulated environment BI11.10 Demonstrate the estimation of triglycerides (LAB)	SPORTS

	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, Referredpain 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 (KIDNEY) (L)	pain of kidney to groin & Lymphatic spread in carcinomastomach 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)				
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Friday 03/06/2022	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, Referredpain 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,	PY6.4 Describe and discuss the physiology of high altitude and deep sea diving (D)	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 kidneyto groin & Lymphatic spread in carcinoma stomach AN47.7 Mention the clinical importance of Calot's triangle (D)	PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness.		AN25.2 Describe development of pleura, lung & heart AN25.4 Describe embryological basisof: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo- oesophageal fistula	A <u>ETCOM 1.4 The</u> foundation of communication(Phys iology)	S <u>PORTS</u>
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	Fundus of stomach, Pylorusof stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland (L) (KIDNEY)					
Saturday 04/06/2022	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), Referred pain in cholecystitis, Obstructive jaundice, Referredpain around umbilicus, Radiating pain of kidney to groin & Lymphatic spreadin carcinoma stomach	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	Gender and medicine (surgery)	Observation of Doctors Behaviorin OPD (batch wise in OPD) All three preclinical deptt.	SPORTS

		<u>MUZAFFARNAGA</u>	R MEDICAL <u>17 W</u>	COLLEGE MUZAFF /eeks	ARNAGAR				
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2P M	2- 3P M	3- 4PM	04-05 PM
Monday 06/06/2022	AN47.12 Describe important nerve plexuses of posterior abdominal wall (D)	BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.	major viscer following he position, ext features, im and other rel supply, nerv drainage and AN47.6 Exp basis of Sple Accessory sp Different typ Liver biopsy puncture), R cholecystitis jaundice, Re umbilicus, R kidney to gre spread in car AN47.12 De nerve plexus abdominal w (DH)	pleens, Kehr's sign, pes of vagotomy, ((site of needle teferred pain in s, Obstructive ferred pain around Radiating pain of oin & Lymphatic rcinoma stomach escribe important ses ofposterior vall	LUNCH	PY4.4 Describe the physiology of digestion and absorption of nutrients (SDL)	nervous system: Highe system, reflexes, cranit simulated environment BI11.11 Demonstrate es phosphorous (LAB)	roups, BT/CT PY10.11 et clinical examination of the r functions, sensory system, motor alnerves in a normal volunteer or stimation of calcium and	AN47.11 Explain the anatomic basis of hematemesis& caput medusaa in portal hypertension (SDL)
Tuesday 07/06/2022	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, externaland internal features, important peritoneal and other relations,	PY4.6 Describe the Gut- Brain Axis (L)	AN47.5 Describe& demonstrate major viscera ofabdomen 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,	discuss its impact on her (Dr.Dheeraj Sharma) C M5.8 Describe and dis	scuss the importance and methods effects of additives and	AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy Perianal abscess and Anal fissure (SDL)

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)

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

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,

			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 & Tuballigation AN48.6 Describe the neurological basis of Automaticbladder (URINARY BLADDER)(L)	
Wednesday 08/06/2022	BI6.2 Artificial Nucleotide SDL Biochemistry	PCT Anatomy		BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in v disorders. ECE Biochemistry	various AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes (SDL)
Thursday 09/06/2022	PY4.6 Describe the Gut- Brain Axis(D)	AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) AN46.5Explain the anatomical basis of Phimosis & Circumcision (L)	AN47.5 Describe & demonstrate major visceraof 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 nervous system: Higher functions, sensory sys system, reflexes, cranial nerves in a normal vo simulated environment BI11.11 Demonstrate estimation of calcium and phosphorous (LAB)	of the stem, motor

Friday	AN 47.5 Describe	PY 7.3 Describe	AN47.5 Describe &	-	PY6.5 Describe and		SPORTS
10/06/2022					- Toto Deseribe und		
	& demonstrate	the mechanism of	demonstrate major viscera		discuss the		
		urine formation	of abdomen under				
	major viscera of abdomen under	involving	following headings		principles of artificial		
		-					
	following	processes of	(anatomical position,		respiration, oxygen		
	headings	filtration, tubular	external and internal		therapy,		
	(anatomical	reabsorption &	features, important		acclimatization and		
	position, external and internal	secretion;	peritoneal and other		decompression		
		concentration and	relations, blood supply,		sickness.		
	features,	diluting	nerve supply, lymphatic		(L)		
	important	mechanism	drainage and applied				
	peritoneal and	(L)	aspects)				
	other relations,		AN47.6 Explain the				
	blood supply,		anatomical basis of Splenic				
	nerve supply,		notch, Accessory spleens,				
	lymphatic		Kehr's sign, Different types				
	drainage and		of vagotomy, Liver biopsy				
	applied aspects)		(site of needle puncture),				
	AN47.6 Explain the anatomical		Referred pain in				
			cholecystitis, Obstructive				
	basis of Splenic		jaundice, Referred pain				
	notch, Accessory		around umbilicus, Radiating			AETCOM 1.4 The foundation of	
	spleens, Kehr's		pain of kidney to groin &			communication(Physiology)	
	sign, Different		Lymphatic spread in				
	types of		carcinoma stomach				
	vagotomy, Liver		AN48.7 Mention the lobes				
	biopsy (site of		involved in benign prostatic				
	needle puncture),		hypertrophy & prostatic				
	Referred pain in		Cancer				
	cholecystitis,		AN48.8 Mention the				
	Obstructive		structures palpable during				
	jaundice, Referred		vaginal & rectal				
	pain around		Examination				
	umbilicus,		AN52.2 Describe & identify				
	Radiating pain of		the microanatomical				
	kidney to groin &		features of: Urinary system:				
	Lymphatic spread		Kidney, Ureter & Urinary				
	in carcinoma		bladder Male Reproductive				
	stomach		System: Testis,				
	AN52.2 Describe		Epididymis, Vas deferens,				
	& identify the		Prostate & penis Female				
	micro anatomical		reproductive system:				
	features of:		Ovary, Uterus, Uterine				
	Urinary system:		tube, Cervix, Placenta &				

	Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate& penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord (SUPRA RENAL GLAND) (D)		Umbilical cord INTREGRATED WITH G.S (DH)			
Saturday 11/06/2022	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine functiontests & liver function tests(D)	AN25.3 Describe fetal circulation and changes occurring at birth	AN47.5 Describe & demonstrate major visceraof 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 incarcinoma stomach	Rights of patient and right of doctor Forensic Medicine	Unethical and unprofessionalbehavior Dr. Vinay Sharma (Dissection hall, Department ofAnatomy)	SPORTS

			MUZAFF	ARNAGAR MED	ICAL COLLEG	E MUZAFFARNAGAR			
			_1	8 Weeks					
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 01PM	1- 2P M	2- 3P M	3- 4PM	04-05 PM
Monday 13/06/2022	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 Describ Perinea body	e & identify	LUNCH	PY4.4 Describe the physiology of digestion and absorption of Nutrients(SDL)	PY2.11 Estimate Hb, RB DLC, Blood groups, BT PY10.11 Demonstrate the examination of the nervoo Higher functions, sensory system, reflexes, cranial r normal volunteer or simu environment BI11.11 Demonstrate esti calcium and phosphorous (LAB)	/CT e correct clinical us system: / system, motor nerves in a lated	AN 48.5 Explai 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 (SDL)

Tuesday 14/06/2022	BI7.1 Describethe structureand functionsof DNA and RNAand outline the cell cycle.	AN49.1 Describe & demonstr ate the superficial & deep perineal pouch (boundari es and contents) AN49.5 Explain the anatomicalbasis 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 balanc e	AN49.4 Describe & demonstrate boundaries, content& applied anatomy of Ischiorectal fossa AN49.5Explain the anatomical basis of Perineal tear, Episiotomy, Perianalabscess and Anal fissure INTEGRATE D WITH OBG (L)	LUNC H	AN50.1 Describe the curvatures ofthe vertebralcolumn AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebraljoints, Sacroiliac joints & Pubicsymphysis AN50.3 Describe lumbar puncture (site,direction of the needle, structures pierced duringthe lumbar puncture) (D)	CM6.1 Formulate a research question for a study (Mr. Santosh Kumar Raghav)	AN 17.2 Describe anatomical basis of complications of fracture neck of femur (SDL)
Wednesday 15/06/2022	BI7.2 Describethe processes involved in replicatio n &	(ECE) AN50.1 Describe f column AN50.2 D articular ends, liga Intervertebral joint AN50.3 Describe direction of the nee during the lumbar p Explain the anatom Prolapsed	escribe & demon ments and mover s, Sacroiliacjoints lumbar puncture (dle, structures pier puncture) AN50.4	strate the type, ments of s & Pubic symphysis site, rced		PY7.3 Describethe mechanism of urine formation involving processes of filtration, tubular	 PY2.11 EstimateHb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate correct clinical examination of the nervous system: Higher functions, sensorysystem, motor system, reflexes, cranial nerves in a normal volunteer 	AN 17.3 Describe dislocation of hip joint and surgical hip replacement (SDL)

	repair of DNA andthe transcrip tion & translati on mechanis ms	disc, Spondylolisthesis&Spina AN51.1 Describe & identify the cross- T10 and L1 (transpyloric plan	section at the leve	el of T8,	reabsorption & secretion; concentrationand diluting mechanism (L)	or simulated env BI11.3 Describe the che (LAB)	rironment	
Thursday 16/06/2022	PY7.7 Describe artificial kidney, dialysis and renaltransplan tation(D)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomicalposition, external andinternal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomicalbasis 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 incarcinoma stomach (UTERUS) (L)	viscera of abdo headings (anato external and inti important peritu- relations, blood lymphatic drain aspects) AN47.6 Explain the ana Splenic notch, J. Kehr's sign, Di vagotomy, Live needle puncture cholecystitis, O Referred pain a Radiating pain of	ternal features, oneal and other supply, nervesupply, nage and applied tomical basis of Accessory spleens, fferent types of er biopsy (site of e), Referred pain in bstructi ve jaundice, round umbilicus, of kidney to groin & ead in carcinoma	PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	groups, BT/CT PY10.20 Demonstrate (i) and field of visi smelland (iv) tas	BC, TLC, RBC indices,DLC, Blood Testing of visual acuity, colour ion and (ii) hearing (iii) Testing for ste sensation in volunteer/simulated (11.3 Describe the chemical normal urine.	SPORTS
Friday 17/06/2022	AN52.2 Describe& identify the	AN47.5 Describe & demonstrate major viscera of abdomen under following	BI6.13 Describe the functions of the kidney,	PY7.4 Describe & discuss the significance & implication of Renal clearance	AN47.5 Describe & demonstrate major viscera of abdomen	<u>AETCOM</u> <u>1.4The</u> <u>foundation of</u> <u>communication</u> (Physiology) SDL	Research andethical committee Dr.Nirankar Singh	SPORTS

microana	headings (anatomical	liver, thyroid		under following		
tomical	position, external and	andadrenal		headings		
features	internal features,	glands.		(anatomical		
of: Urinary	important peritoneal and	BI6.14		position, external		
system:	other relations, blood	Describe the		and internal		
Kidney,	supply, nerve supply,	tests that are		features,		
Ureter &	lymphatic drainage and	commonly		important		
Urinary	applied aspects)	done in		peritoneal and		
bladder	AN47.6	clinical		other relations,		
Male	Explain the anatomical	practice to		blood supply,		
Reprodu	basis of Splenic notch,	assess		nerve supply,		
ctive	Accessory spleens, Kehr's	the functions		lymphatic		
System:	sign, Different types of	ofthese		drainage and		
Testis,	vagotomy, Liver biopsy	organs		applied aspects)		
Epididym	(site of needle puncture),	(kidney,		AN47.6		
is,Vas	Referred pain in	liver, thyroid		Explain the		
deferens,	cholecystitis, Obstructive	and adrenal		anatomical basis		
Prostate &	jaundice, Referred pain	glands).		of Splenic notch,		
penis	around umbilicus,	BI6.15		Accessory		
Female	Radiating pain of kidney to	Describe the		spleens, Kehr's		
reproduc	groin& Lymphatic spread	abnormalities		sign, Different		
tive	incarcinoma stomach	of kidney,		types of		
system:	(UTERUS) (L)	liver, thyroid		vagotomy, Liver		
Ovary,		andadrenal		biopsy (site of		
Uterus,		glands.		needlepuncture),		
Uterine				Referred pain in		
tube,				cholecystitis,		
Cervix,				Obstructive		
Placenta &				jaundice,		
Umbilical				Referred pain		
cord				around		
(HISTO)				umbilicus,		
				Radiating pain of		
				kidney to groin & Lymphatic spread		
				in carcinoma		
				stomach		

Saturday 18/06/2022	PY9.1 Describe and discuss sex determin ation; sex differenti ation and their abnormit ies and outline psychiatry and practical implicati on of sex determin ation.(D)	AN52. 2 Descri be& identiy the micro anatom ical feature s 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	AN52.2 Describe& identifythe 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		Ethics of prescriptionwriting And rules (medicine) Pharmacology Dept	Discuss the significance and methods of stress management and risk taking behavior Understand the roleof yoga and meditation in personal health (Pscychatry Dept)	Demonstrate the use of verbal and non-verbal empathetic communicati on techniqueswhile communicati ng with people with disabilities, 4.5.6 Demonstrate a nondiscriminatory behaviour towards patients or caregivers with disabilities (Ophthalmology)	SPORTS
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		MUZAFFARNA	GAR MEDICAL COL	LEGE MUZAFFAF	<u>KNAGAR</u>				
			19 Weeks						
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4PM	04-05
	AN47.5	BI6.3 Describe the	AN47.6Explain the	anatomical	LUNCH	PY7.3 Describe the	PY2.11 Estimate H	b, RBC, TLC, RBC	
	Describe &	common disorders	basis of Splenic not	ch, Accessory		mechanism of	indices, DLC, Bloo	d groups, BT/CT	
	demonstrate	associated with	spleens, Kehr's sign	, Different		urine formation	PY10.20 Demonstra	ate (i) Testing of	
	major viscera of	nucleotide	types of vagotomy,	Liver biopsy		involving processes	visual acuity, colou	r and field of	
	abdomen under	metabolism.	(site of needle punct			of	vision		AN 18.6 Describe knee joint injuries with its applied anatomy AN 18 Explain anatomical base of Osteoarthritis (SDL)
	following		pain in cholecystitis	, Obstructive		filtration, tubular	and (ii) hearing (iii)	Testing for smell	
	headings		jaundice, Referred p	ain around		reabsorption &	and (iv) taste sensat	tion in	
	(anatomical		umbilicus, Radiating	g pain of kidney		secretion;	volunteer/ simulated	environment	
	position, external		to groin & Lymphat	ic spread in		concentration and	BI11.14 Demonstrat	e the estimation	
	and internal		carcinoma stomach			diluting	of alkaline phosphat	ase	
	features,		AN55.1Demonstrate	e the surface		mechanism	(LAB)		
	important		marking of; Regions	s and planes of		(SDL)			
	peritoneal and		abdomen, Superficia	al inguinal ring,					
	other relations,		Deep inguinal ring,	McBurney's					
	blood supply,		point, Renal Angle	& Murphy's					
	nerve supply,		Point						
	lymphatic		AN50.3Describe lui	mbar puncture					
Monday	drainage and		(site, direction of the	e needle,					
20/06/2022	applied aspects)		structures pierced de	uring the					
	AN47.6		lumbar puncture)						
	Explain the		AN55.2Demonstrate	e the surface					
	anatomical basis		projections of: Storr	nach, Liver,					
	of Splenic notch,		Fundus of gall blade	· •					
	Accessory		Duodenum, Pancrea	as, Ileocaecal					
	spleens, Kehr's		junction, Kidneys &	c Root of					
	sign, Different		Mesentery						
	types of		(DH)						
	vagotomy, Liver								
	biopsy (site of								
	needle puncture),								
	Referred pain in								
	cholecystitis,								
	Obstructive								
	jaundice,								
	Referred pain								

around umbilicus,			

Tuesday 21/06/2022	Radiating pain of kidney to groin & Lymphatic spreadin carcinoma stomach (RECTUM ANAL CANNAL) BI7.2 Describe the processes involved in replication & repair of DNA andthe transcription& translation mechanisms.	ANA- LATERAL PELVIC WAL	PY7.3 Describe the mechanismof urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism (D)	AN52.6Describethe development and congenital anomalies of: Foregut, Midgut& Hindgut	AN52.6 Describe the developmentand congenital anomalies of: Foregut, Midgut&Hindgut	CM6.2 Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data (Mr. Santosh Kumar Raghav)	AN 29.4 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapulae (SDL)
Wednesday 22/06/2022	B17.2 Describe the processes involved in replication & repair of DNA andthe transcription& translation mechanisms.	AN53.2Demonstrate the ar show boundaries of pelvic AN53.3Define true pelvis determination in male & fe AN53.4Explain and demon abdominopelvic region (so Summarization of 1st sacra AN54.1Describe & identif INTREGRATED WITH	inlet, pelvic cavity, pel and false pelvis and der male bonypelvis astrate clinical importan cialization of lumbar v al vertebra, types ofbon y features of plain X ra	vic outlet monstrate sex nce of bones of ertebra, y pelvis & Coccyx)	&Lesch Nyhan syndrome. PY2.11 Estimate Hb, RB groups, BT/CT PY10.20 Demonstrate (i) of vision and (ii) hearing (iii) Testi volunteer/ simulated envi	ory results of analytes associated with gout C, TLC, RBC indices, DLC, Blood Testing of visual acuity, colour andfield ng for smell and (iv) taste sensation in ronment estimation of alkalinephosphatase	AN35.10 Describe the fascial spaces of neck (SDL)
Thursday 23/06/2022	PY9.1Describe and discuss sex determination;sex differentiationand their abnormitiesand outline psychiatry and practical	AN26.1Demonstrate anatomical position of skull, Identify andlocate individual skull bones in skull AN26.2Describe the features of normafrontalis, verticalis, occipitalis, lateralis	importance of bones	n of lumbar vertebra, st sacral vertebra, s & Coccyx) dentify features	PY7.6Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	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 B111.14 Demonstrate the estimation of alkaline phosphatase	SPORTS

	implication of sexdetermination (D).	and basalis				(LAB)		
Friday 24/06/2022	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 routeto intracranial venous sinuses (L)	PY9.3Describe male reproductive system: functions oftestis and control of spermatogenesis & factors modifying itand outline its association with psychiatricillness	AN28.1Describe& demonstrate muscles of facial expression and their nerve supply AN28.2Describe sensory innervation of face	PY9.8Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry- disorders associated withit.	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 importanceof deep facial vein	PAN Infection C Infection C Hand washing	NDAMIC Control: Part - I ontrol Practices – g, Decontamination	SPORTS
Saturday 25/06/2022	PY9.2Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinicaland psychological association.(D)	AN28.5Describe cervical lymph nodes and lymphatic drainage of head, face and neck	cavity, its subdivision structures passing th AN26.5Describe fea atypical cervical ver AN53.4Explain and importance of bones region (sacralization Lumbarization of 1s of bony pelvis & Co AN28.5Describe cer lymphatic drainage of	d locate individual e features of icalis, occipitalis, AN26.3Describe cranial ons, foramina and rough them itures of typicaland tebrae (atlas and axis) demonstrate clinical of abdominopelvic of abdominopelvic of lumbar vertebra, types iccyx) vical lymph nodes and of head, face and neck e the anatomical position	FC 4.9 Discuss the significanceand appropriateways of time management Dr. ManishAgrawal	FC 4.9 Discuss the significanceand appropriateways of time management Dr. Manish Agrawal	Comprehend the learning pedagogyand its role in learning skills, Demonstrate understanding of different methodsof self- directed learning S 4.15 Understand collaborative learning Dr.TanuAggarwal	SPORTS

		MUZAFFARNAG	AR MEDICAL COLLEG	E MUZAFFARNAGA	<u>R</u>				
			20 Weeks						
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12· 1PM	1- 2PM	2- 3PM	3- 4PM	4- 5 PM
Monday 27/06/2022	AN29.1Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.2Explain anatomical basis of Erb's&Klumpke's palsy AN29.3Explain anatomical basis ofwry neck (D)	BI6.5 Describe the biochemicalrole of vitaminsin the body andexplain the manifestations of their deficiency	AN26.1Demonstrate an skull, Identify and locat bones in skull AN26.7D the 7 th cervical vertebra AN27.1Describe the lay supply, its nerve supply importance AN27.2Describe emissa spread of infection from intracranial venous sinu (DH)	LUNCH	PY7.3Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism (SDL)	PY2.11 Estimate Hb, RBC, TLC indices, DLC, Blood groups, BT PY10.20 Demonstrate (i) Testin acuity, colour and field ofvision and (ii) hearing (iii) Testing fo (iv) taste sensation in voluntee environmentBI11.5 Describe s urine for inborn errors & descr paper Chromatography (LAB)	CCT g of visual r smell and r/ simulated creening of	AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia (SDI	
Tuesday 28/06/2022	BI7.2 Describe the processes involved in replication & repair of DNA andthe transcription& translation mechanisms. (L)	AN35.1Describe the parts, extent, attachments, modifications of deep cervical fascia (L)	PY7.5 Describe the renal regulation of fluid and electrolytes & acid- base balance (L)	renal regulation of parts, extent, fluid and electrolytes attachments, & acid- base balance modifications of		Describe the development ofUrinary	CM6.3 Describe, discuss and de the application of elementary st methods including test of signif various study designs (Mr. San Raghav)	atistical icance in	AN75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome (SDL)
Wednesday 29/06/2022	BI7.2 Describe the processes involvedin replication & repair of DNA andthe Transcription & translation mechanisms. (D)	AN35.1Describe the parts, extent, attachments, modifications of deep cervical fascia (L)	AN26.1Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7Describe 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 ofvitamins in the body and explain the manifestations oftheir deficiency (D)	PY2.11 Estimate Hb, RBC, TLC indices, DLC, Blood groups, BT PY10.20 Demonstrate (i) Testin acuity, colour and field ofvision and (ii) hearing (iii) Testing fo (iv) taste sensation in voluntee environment BI11.5 Describe screening of ur	C/CT g of visual r smell and r/ simulated	AN37.3 Describe anatomical basis of sinusitis & maxillary sinu tumours (SDL)

							for inborn errors & descripaper Chromatography (LAB)	be theuse of	
Thursday 30/06/2022	PY9.7Describe and discuss the effectsof removal of gonads on physiological functions (D)	AN32.1Describe boundaries and subdivisions of anterior triangle(L)	skull, Identify and locate bones in skull AN26.7 Describe the fea vertebra AN35.1 Describe the pa attachments, modificatio cervical fascia AN33.1Describe & dem boundaries and contents infratemporal fossae AN	synthesis, secretion, transport, physiological actions, te the parts, extent, difications of deep e & demonstrate extent, contents of temporal and ssae AN33.2Describe & ichments, direction of fibres, te the parts, extent, difications of deep e & demonstrate extent, contents of temporal and ssae AN33.2Describe & ichments, direction of fibres, thypothalamus B11.15 Describe & discuss the composition of CSF pituitary gland, thypothalamus B11.15 Describe & discuss the composition of CSF		SPORTS			
Friday 01/07/2022	AN32.1 Describe boundariesand 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	AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submentaltriangles	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry- disorders associated withit.		AN52.8 Describe the development ofmale & female reproductive system (L)	PANDAN Use of PP		SPORTS
Saturday 02/07/2022	PY9.9Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c)sperm motility, as	AN33.1Describe& demonstrate extent, boundaries and contents of temporal and infratemporal fossae	AN26.1Demonstrate and skull, Identify and locate bones in skull AN26.7D the 7 th cervical vertebra demonstrate extent, bour of temporal and infraten	e individual skull escribe the features of N33.1 Describe & ndaries and contents		4.5.1 Describe disabi as per United Nation Convention on theRi of Persons with Disabilities while demonstrating	s appearance of	Training programfor communicat ion with families and patients Community Medicine, Medicine and	SPORTS

HO guidelines scuss the (D)		respect for the differences and capacities of persons with disabilities as partof human diversityand humanity.4.5.2 Compare and contrast medical and social model of disability.	preclinical) 50 students each (Dr. Shruti Sehgal)	
		Dr.Akankshasuman		

		MUZAFFARN	AGAR MEDICAL C	OLLEGE MUZAFF	ARNAGAR				
	1	1	<u>21 Wee</u>		1		1		1
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3P M	3- 4PM	04-05
Monday 04/07/2022	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)	of skull, Identify ar skull bones in skull AN26.7Describe th cervical vertebra A demonstrate the par surfaces, contents, 1 supply of parotid gl its duct and surgica AN30.3Describe& &dural venous sinu	e features of the 7 th N28.9Describe & rts, borders, relations and nerve land with course of 1 importance identify duralfolds uses (DH)	LUNCH	PY8.6 Describe& differentiate the mechanism of action of steroid,protein and amine hormones (SDL)	PY2.11 Estimate Hb, RB indices, DLC, Blood grou Demonstrate (i) Testing o and field of vision and (ii) hearing (iii) Testi (iv) taste sensation in volunteer/ simulated envi Observe use of commonly equipments/techniques in laboratory including: •pH meter •Paper chromatography of •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by IS •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser • Quality control •DNA isolation from blood (LAB)	ps, BT/CT PY10.20 f visualacuity, colour ng for smell and ronment BI11.16 y used biochemistry amino acid E	AN40.3 Describe the features of internal ear AN40.4 Explain anatomical basis of otitis externa and otitis media (SDL)
Tuesday 05/07/2022	BI7.3 Describe gene mutations andbasic mechanism of regulation of gene expression. (D)	AN28.9Describe& demonstrate the parts, borders, surfaces, contents, relations and nerve supply ofparotid gland with course of its duct and surgical importance AN28.10Explain the anatomical basis of Frey's syndrome (L)	PY8.1 Describethe physiology of bone and calcium metabolism			AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye(FACE) (L)	CM6.4 Enumerate, discuss Common sampling technic methods, frequency distrib central tendency and dispe (Mr. Santosh Kumar Raş	ues, simple statistical ution, measures of rsion	AN4.1 Describe different types of skin & dermatomes in body (SDL)

Wednesday 06/07/2022	BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression.	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae (INFRATEMPO R AL FOSSAE)	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae AN26.1Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.7Describe the features of the 7 th cervical vertebra
Thursday 07/07/2022	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 (D)	AN33.2Describe & demonstrate attachments, direction of fibers, 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 fibers, nerve supply and actions of muscles of mastication

BI6.5	PY2.11 Estimate Hb, RBC,	
Describe the	TLC, RBC indices, DLC, Blood groups, BT/CT	AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular Injections AN16.2 Describe anatomical basis of sciatic nerve injury duringgluteal intramuscular injections (SDL)
biochemicalroleof	PY10.20Demonstrate (i) Testing of visual	(301)
vitamins in the	acuity, colour and field of	
body and explain	and (ii) hearing (iii) Testing for smell and	
the	(iv) taste sensation in	
manifestations of	volunteer/ simulated	
their deficiency	environment BI11.16 Observe use of	SPORTS
	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 •Autoanalyser •Quality control •DNA isolation from blood/tissue (LAB)	
PY9.4Describe	PY2.11Estimate Hb, RBC, TLC, RBC	
female	indices, DLC, Blood groups, BT/CT	
reproductive	PY10.20Demonstrate (i)	SPOPTS

Friday 08/07/2022	AN8.2Identify & d synthesis, secretion regulation and effect thyroid gland, parat AN35.5Describe an lymph nodes AN35.8Describe the AN43.2Identify, des parathyroid gland, tc PY8.2Describe the s regulation and effec	, transport, physiologic ct of altered (hypo and thyroid gland, adrenal g id demonstrate extent, d e anatomically relevant c scribe and draw the micr ongue, salivary glands, t synthesis, secretion, tran t of altered (hypo and h nyroid gland, adrenal gla	y the given bone PY8.2Describe the al actions, hyper) secretion of pituitary gland, gland,pancreas and hypothalamus rainage & applied anatomy of cervical dinical features of Thyroidswellings oanatomy of pituitary gland, thyroid, onsil, epiglottis, comea, retina sport, physiological actions, yper) secretion of pituitary gland,	AN33.3Describe & demonstrate articulating surface, type & movements of temporomandibular joint AN33.3Describe & demonstrate articulating surface, type & movements of temporomandibular joint (L)	Empathy (video clips) and descriptio n (Pharmacolog y Dept)	Doctor in consumer law (Forensic Medicine)	
Saturday 09/07/2022	PY9.11Discuss 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	Demonstrate understanding and respect of cultural diversities and interact with those with different cultural values Dr. Manish Agarwal	Document ationand health records case discussion (Orthopedics)	Trial of self- directed learningDr.Tanu Aggarwal	SPORTS

		MUZAFFARNAGAR MEDICAL COLI	LEGE MUZAFFA	RNAGAR					
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1. 2PM	2- 3PM	3- 4PM	04-05
Monday 11/07/2022	AN34.1Describe &demonstrate the morphology, relations and nerve supply of submandibular salivarygland & submandibularganglion AN34.2Describe the basis of formation of submandibular stones (L)	BI6.5Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	of skull, Identify skull bones in sku AN26.7 Describe cervical vertebra AN34.1 Describe morphology, relat supply of submand & submandibular (DH)	the features ofthe 7 th & demonstratethe ions and nerve dibular salivary gland ganglion	LUNCH	PY8.6Describe& differentiatethe mechanism ofaction of steroid, protein and amine hormones(SDL)	RBC indice groups, BT, Demonstrat acuity, colo and (ii) hea smell and (i volunteer/s BI11.16 Ob commonly equipments biochemisti laboratory in •Paper chro acid •Protein ele •TLC, PAG •Electrolyte •ABG analy •ELISA •Immunodi •Autoanaly •Quality cor •DNA isolat blood/ tissu (LAB)	/techniques in y neluding: •pHmeter natography ofamino etrophoresis E analysis by ISE zer ffusion ser ttrol ion from e	AN44.7 Enumerate common Abdominal incisions (SDL)
Tuesday 12/07/2022	B17.3 Describe gene mutations and basic mechanism of regulation of gene expression. (D)	AN35.3 Demonstrate & describe the origin, parts, course & branches subclavianartery AN35.4 Describe& demonstrate origin, course, relations, tributaries andtermination of internal jugular & brachiocephalic veins (D)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulatio and effect of altered (hypo	AN43.3 Identify, describe and draw microanatomyof olfactory epithelium, eyelid, n lip, sclero- cornea 1 junction, optic		AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephali	Altruism as a virtue of a Physicia n Lecture by dean academics /team	Case Discuss Altruism as an important professional virtue of aphysician Dr.Sahid	AN30.3 Describe& identify dural folds &dural venous sinuses (SDL)

			and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (L)	nerve, cochlea- organ of corti, pineal gland (D)	c veins AN35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain AN31.3 Describe anatomical basis of Horner's syndrome (D)			
	(SDL) AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes	BI7.4 Describ e applications of molecular technologies like recombinant DNA technology,	AN26.1 Demonstrate anator position of skull, Id locate individual sk skull AN26.7 Describe the featur cervical vertebra AN42.2	entify and ull bones in	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their	indices, DLC BT/CT PY10.20 Demonstrate (visual acuity, field of vision	colour and	AN34.2 Describe the basis of formation of submandibular stones
Wednesday 13/07/2022		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 semispinaliscapitis and splenius capitis (D)	Describe & demons boundaries and con Suboccipital triangl AN42.3 Describe the position of fibres, relations, actions of semispin and splenius capitis (DH)	tents of e n, direction nerve supply, aliscapitis	deficiency	indices, DLC BT/CT PY10.20 Demonstrate (visual acuity, field of vision	RBC, TLC, RBC RBC, TLC, RBC Blood groups, (i) Testing of colour and ng (iii) Testing	(SDL)

			volunteer/ simulated	
			environment	
			(LAB)	

Thursday 14/07/2022	PY9.5 Describe anddiscuss the physiologicaleffects of sexhormones (D)	AN30.3 Describe & identify duralfolds & duralvenous sinuses (D)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individualskull bones in skull AN26.7 Describe the features of the 7th cervicalvertebra AN30.3 Describe & identifydural folds & dural venoussinuses AN36.1 Describe the 1) morphology, relations, bloodsupply and applied anatomy of palatine tonsil 2) composition of soft palate (DH)	LUNCH	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)	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 alkalinephosphatase (LAB)	SPORTS
Friday 15/07/2022	AN31.4 Enumerate components of lacrimal apparatus INTRIGRATEDWITH OPTHA	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,	AN30.3 Describe & identify duralfolds & dural venous sinuses (CAVERNOUSSINUS) PY8.2 Describe thesynthesis, secretion, transport, physiologicalactions, regulation and effect ofaltered (hypo and hyper) secretion of pituitary gland, thyroid gland, (L)		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)	SPORTS

		MUZAFFARNA	AGAR MEDICA	L COLLEGE MUZAF	FARNAGAR				
			23	Weeks		1	1	1	1
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4PM	04-05
Monday 18/07/2022	AN31.1 Describe & identify extra ocular musclesof eyeball (D)	BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism anddescribe porphyrin metabolism. (L)	position of skul individualskull AN26.7 Descri 7th cervical ver	be the featuresof the rtebra AN31.1 ntify extra ocular		PY10.13 Describe and discuss perception of smelland taste sensation (SDL)	PY2.11 Estimate Hb, Rl indices, DLC, Blood gro Demonstrate the correct the nervous system: Hig system, motor system, re normal volunteer or sim BI11.4 Perform urine ar determine normal andab (LAB)	bups, BT/CT PY10.11 clinical examination of her functions, sensory flexes, cranialnerves in a ulated environment alysis to estimate and	AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero- corneal junction, optic nerve, cochlea- organ o corti, pineal gland (SDL)
Tuesday 19/07/2022	BI6.5 Describe the biochemical role of vitaminsin the body andexplain the manifestations of their deficiency (L)	AN31.2 Describe & demonstrate nerves and vessels in the orbit AN31.3 Describe anatomical basisof Horner's syndrome (D)	PY10.2 Describe and discussthe 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)		development and developmentalbasis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitore, clond thuraid	CM1.9 Demonstrate the r Communication skills in environment (Dr.Dheera CM7.1 Define Epidemiol enumerate the principles, (Dr. Sangeeta Jain Shar	health in a simulated j Sharma) ogy and describe and concepts and uses	AN35.3 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain AN31.3 Describe anatomical basis of Horner's syndrome (SDL)

	BI6.5	AN36.1	AN26.1 Demonstrate anatomical	BIO	PY2.11 Estimate Hb, RBC, TLC, RBC	AN36.4 Describe the
Wednesday 20/07/2022	Describe the biochemical role of vitaminsin the body and explain the manifestations of their deficiency (L)	Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) compositionof soft palate (L)	position of skull, Identify and locate individualskull bones in skull AN26.7 Describe the featuresof 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)	РСТ	indices, DLC, Blood groups, BT/CT PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranialnerves in a normal volunteer or simulated environment BI11.5 Describe screening of urine forinborn errors & describe the use of paper chromatography (LAB)	anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess (SDL)

Thursday 21/07/2022	PY10.14 Describe and discuss patho- physiology of altered smell and taste sensation (D)	AN36.1 Describe the 1) 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 basisof tonsilletis, tonsilletcomy, adenoids and peri- tonsillar abscess (D)	position of skul locate individu skull	alskull bones in be the featuresof the	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulationand 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, cranialnerves in a normal volunteer or simulated environment BI11.5 Describe screening of urine forinborn errors & describe the use of paper chromatography (LAB)	SPORTS
Friday 22/07/2022	AN36.5 Describe the clinical significance of Killian's dehiscence (L)	PY9.6 Enumerate the contraceptive methods for male and female. Discusstheir advantages & disadvantages (L)	AN36.5 Describe the clinical significanceof 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 locateindividual skull bones in skull AN26.7 Describe the features of the 7thcervical vertebra	SPORTS

	PY11.1	AN37.1	AN37.1 Describe &		
	Describe and	Describe &	demonstrate features of nasal		
	discuss	demonstrate	septum, lateral wall of nose,		
	mechanism of	features of	their blood supply and nerve		SPO
	temperature	nasal septum,	supply		
	Regulation(D)	lateral wall of	AN37.2 Describe location and		
		nose, their	functional anatomy of	ECE – PHYSIOLOGY	
Saturday		blood supply	paranasal sinuses	TOPIC - METABOLIC SINDROME	
23/07/2022		and nerve	AN33.3 Describe &	PY8.5 Describe the metabolic and endocrine consequences of	
		supply	demonstrate articulating	obesity & metabolic syndrome, Stress response. Outline the	
		AN37.2	surface, type & movements of	psychiatry component pertaining to metabolic syndrome.	
		Describe	temporomandibular joint		
		location and			
		functional			
		anatomy of			
		paranasal			
		sinuses			

		MUZAFFA	MINAGAK MEDI	CAL CULLEGE	MUZAFFARNAGA				
		1		24 Weeks		1			
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4PM	04-05PM
	AN47.5	BI6.11				PY11.7 Describe and		, RBC, TLC, RBC indices,	
	Describe &	Describe the				discuss physiology of	DLC, Blood groups		AN38.2 Describe the anatomical aspects of laryngitis AN38.3 Descril anatomical basis of recurrent laryngeal nerve injury (SDL)
	demonstrate	functions of				aging; free radicals		te (i) Testing of visual	
	major viscera	haem in the				and	acuity, colour and f	ield of vision	
	of abdomen	body and				Antioxidants (SDL)	and (ii) hearing (iii)	Testing for smell and	
	under	describe the					(iv) taste sensation		
	following	processes					volunteer/ simulated		
	headings	involved in its					BI11.5 Describe scre		
	(anatomical	metabolism	AN26.1 Demons					cribe the use of paper	
	position,	and describe	anatomical positi				chromatography		
	external and	porphyrin	Identify and loca				(LAB)		
	internal	metabolism.	skull bones in sl						
	features,	(L)	AN26.7 Describe						
	important		of the 7th cervica						
	peritoneal and		AN37.1 Describe						
	other		demonstrate feat						
Monday 25/07/2022	relations,		septum, lateral v	wall of nose,	LUNCH				
	blood supply,		their blood suppl	ly and nerve					
	nerve supply,		supply						
	lymphatic		AN37.2 Describe	e location and					
	drainage and		functional anator	2					
	applied		paranasal sinuses	S					
	aspects)		AN37.3 Describe	e anatomical					
	AN47.6		basis of sinusitis	s & maxillary					
	Explain the		sinus tumours						
	anatomical		(DH)						
	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 (D)						
	BI6.5 Describe	AN38.1	PY10.2	AN36.3	AN44.3 Describe the	 CM1.10 Demonstrate the important aspects of the doctor patient relationship in a simulated environment (Dr.Dheeraj Sharma) CM7.2 Enumerate, describe and discuss the modes of transmission and measures for prevention and control of communicable and non- communicable diseases (Dr. Sangeeta Jain Sharma) 	
	the biochemical role of vitamins in the body and explain the manifestations of their deficiency	Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and	Describe and discuss the functions and properties of synapse, reflex, receptors	Describe the boundaries and clinical significance of pyriform fossa AN38.1 Describe the morphology, identify	formation of rectus sheath and its contents (D)		AN39.2 Explain the anatomical basis of hypoglossal nerve pa
Tuesday 26/07/2022	(L)	extrinsic muscles of the larynx (L)	(L)	structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the			(SDL)

	larynx		
	AN38.2		
	Describe the		
	anatomical		
	aspects of		
	laryngitis		
	AN38.3		

Describe					
			Describe		

			anatomical basis of recurrent laryngeal nerve injury (L)			
Wednesday 27/07/2022	BI6.5 Describe the biochemical role of vitamins in thebody and explain the manifestationsof 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 andlung AN39.1 Describe & demonstrate the morphology,nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic musclesof tongue AN39.2 Explain the anatomical basis of hypoglossal nerve palsy AN43.2 Identify, describe anddraw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, comea, retina (DH)	BI6.11 Describe the functions of haem in the body and describe the processes involved inits 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)	AN40.5 Explain anatomical basis of myringotomy (SDL)
Thursday 28/07/2022	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 thelarynx (L)	AN26.1 Demonstrate anatomical position of skull, Identify and locate individualskull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN37.1 Describe & demonstrate features of nasalseptum, 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 effectof 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)	SPORTS

Friday 29/07/2022	AN40.1 Describe & identify the parts, blood supply and nerve supplyof external Ear AN40.5 Explain anatomical basis of myringotomy (L)	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)	AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube AN40.4 Explain anatomical basis of otitis externa and otitis media (L)	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effectof altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (D)	 ANATOMY DH AN26.1 Demonstrate anatomical positionof skull, Identify and locate individual skull bones in skull AN26.7 Describe the features of the 7th cervical vertebra AN37.1 Describe & demonstrate featuresof 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 	SPORTS
Saturday 30/07/2022	PY11.2 Describe and discuss adaptation to altered temperature(heat and cold) PY11.3 Describe and discuss mechanism offever, cold injuries and heat Stroke (D)	AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclera- corneal junction, opticnerve, 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)	T C HY HORIZONTAL INTEGR	CE – BIOCHEMISTRY DPIC: YPOTHYROIDISM AATION WITH PHYSIOLOGY AND TION WITH MEDICINE	SPORTS

				AL COLLEGE MUZA		_			
			<u>25</u>	Weeks	1	1			Τ
Days	8- 9AM AN41.3 Describe the position, nerve supply and actions of intraocular muscles	9- 10 AM BI6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/	individualskull b AN26.7 Describe 7th cervical verte	Identify and locate ones in skull e the features of the	12- 1PM	1- 2PM PY10.2 Describeand discuss the functions and properties of synapse,	DLC, Blood group PY10.11 Demonst examination of the functions, sensory reflexes, cranial ne or simulated enviro	rate the correct clinical e nervous system: Higher system, motor system, erves in a normal volunteer onment BI11.16 Observe	04-05 AN44.2 Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall (SDL)
Monday 01/08/2022	(D)	pathological relevance. (L)	(DH)			reflex, receptors (SDL)	in biochemistry lal meter •Paper chron •Protein electropho •Electrolyte analys •ELISA •Immunodiffusion control •DNA isola	used equipments/techniques boratory including: •pH matography of amino acid oresis •TLC, PAGE sis by ISE •ABG analyzer •Autoanalyser •Quality tion from blood/ tissue	
Tuesday 02/08/2022	BI6.9 Describe the functions ofvarious mineralsin the body, their metabolism and homeostasis. BI6.10 Enumerate and describe the disorders associated withmineral metabolism.(L)	AN41.1 Describe & demonstrateparts and layers of eyeball (D)	PY10.1 Describe and discuss the organizationof 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	socio-cultural and d individual, family a (Dr.Dheeraj Shar n	na) , describe and discuss the ological data	(SDL)
Wednesday 03/08/2022	BI6.12 Describethe major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance. SDL Biochemistry	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)	morphology, nerv embryological ba blood supply, lyr actions of extrinsic and intri tongue AN39.2 Explain of hypoglossal ne Identify, describe microanatomy of	ndlung e & demonstrate the ve supply, usis of nerve supply, nphatic drainage and nsic musclesof the anatomical basis erve palsy AN43.2 e anddraw the pituitary gland, oid gland, tongue, onsil,		Liver	ogy & Biochemistry) d discuss the structure	and functions of liver and gall	AN43.9 Identify anatomical structur in carotid angiogram and vertebral angiogram (SDL)

Thursday 04/08/2022	PY11.9 Interpret growth charts (D)	Anatomy PCT	PY10.5 Describeand discuss structure and functions of	 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, 	SPORTS
			reticular		
			activating		

Friday 05/08/2022	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, pancreasand hypothalamus (L)	AN42.1 Describe the contents of the vertebralcanal (D)	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control ofbody movements, posture and equilibrium & vestibular apparatus (L)
Saturday 06/08/2022	PY11.10 Interpret anthropometric assessment of infants (D)	AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins (D)	and termination of brachiocephalic Demonstrate- 1 of facial expressi muscles, muscles Palpation of carc	lations, tributaries of internal jugular& veins AN43.5) Testing of muscles ion, extraocular s of mastication, 2) otid arteries, facial l temporal artery, 3) nal and external d bone, thyroid oid cartilage

system, autonomic nervous system (ANS) (L)	reflexes, cranial nerves in a normal volunteer or simulated environment BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyteanalysisby ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Qualitycontrol •DNA isolation from blood/ tissue (LAB)	
AN43.9 Identify anatomical structures in carotid angiogramand vertebral angiogram (D)	DH ANTOMY AN43.8 Describe the anatomical route used forcarotid angiogram and vertebral angiogram	SPORTS
anato angio angio 43.7 l struc	(Anatomy) AN43.9 Identify mical structures in carotid gram and vertebral gram. Identify the anatomical ture in Plain Xray skull. AP Plain Xray of Paranasal s.	SPORTS

		MUZAFF	ARNAGAR MED	ICAL COLLEGE M	IUZAFFARNA	GAR			
				26 Weeks					
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4PM	04-05 PM
Monday 08/08/2022	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)	position of skull individualskull AN26.7 Describ 7th cervical vert Demonstrate & parts, course & b artery (DH)	e the featuresof the ebra AN35.3 describe the origin, ranches subclavian		PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiologyof vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex (D)	PY2.11 Estimate Hb, RB indices, DLC, Blood gro Demonstrate the correct the nervous system: Higi system, motor system, re a normal volunteer or sin BI11.16 Observe use of equipments/techniques in laboratory including: •pH chromatography of aminc electrophoresis •TLC, PA analysis by ISE •ABG ana •Immunodiffusion •Autoa •Quality control •DNA iso (LAB)	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 (SDL)	
Tuesday 09/08/2022	BI6.9 Describe the functions of various minerals in thebody, 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)	LUNCH	AN52.5 Describe the development and congenital anomaliesof Diaphragm (L)	 CM2.2 Describe the soc (types), its role in demonstrate in a simulate assessment of socio-econd (Dr.Dheeraj Sharma) CM7.4 Define, calculate and mortality indicators b (Dr. Sangeeta Jain Shar 	health and disease & ed environment the correct omic status e and interpret morbidity pased on given set of data	describe the origin, parts, course & branches subclavian artery (SDL)

Wednesda y 10/08/2022	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)	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus (L)	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus (DH)
Thursday 11/08/2022	PY11.4 Describe and discuss cardio- respiratory and metabolic adjustments during exercise; physical training effects (D)	relations, major dorsal thalamus,	e boundaries, parts, gross nuclei and connections of hypothalamus, epithalamus, and subthalamus
Friday 12/08/2022	AN62.1 Enumerate cranial nerve nuclei with its functional component (D)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effectofaltered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, pancreas and	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects (L)

PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies (L)	PY2.13 Describe steps for reticulocyteand 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 wastedisposal. (LAB)	AN31.5 Expla the anatomica basis of oculomotor, trochlear and abducent nerv palsies along with strabismu (SDL)
PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) (L)	PY2.13 Describe steps for reticulocyteand 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 wastedisposal. (LAB)	SPORTS
AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery (D)	ANATOMY DH AN26.1 Demonstrate anatomical positionof skull, Identify and locate individual skull bones inskull AN26.7 Describe the features of the 7th cervical vertebra AN35.3 Demonstrate & describe theorigin, parts, course &	SPORTS

	PY11.8 Discuss	AN62.1	AN31.5 Explain the		
	& compare	Enumerate	anatomical basis of		
	cardio-	cranial nerve	oculomotor, trochlear and		
	respiratory	nuclei with its	abducent nerve palsies		
	changes in	functional	along with strabismus		
	exercise	component	(DH)		
	(isometric and	(D)			ECE –
Saturday	isotonic) with				BIOCHEMISTRY
13/08/2022	that in the				TOPIC :
	resting state				HYPERCHOLEST EROLEMIA
					VERTICAL INTEGRATION WITH
					MEDICINE
	and under				
	different				
	environmental				
	conditions				
	(heat and cold)				
	(D)				

		MUZ	AFFARNAGAR N	MEDICAL COLLE	GE MUZAFFARNA	GAR			
				27 th Weeks					
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3P M	3- 4P M	04-05 PM
Monday 15/08/2022									SPORTS
Tuesday 16/08/2022	-						TERMINAL EXAMINATI		SPORTS
Wednesday 17/08/2022	-	2 ND TERMINAL EXAMINATIONS				2 ND	SPORTS		
Thursday 18/08/2022							SPORTS		
Friday 19/08/2022									SPORTS
Saturday 20/08/2022									SPORTS

		MUZAFFARNAGAR	MEDICAL COLL	EGE MUZAFFAF	KNAGAR				
			28 Weeks						
Days	8- 9A M	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4 PM	4-5 PM
Monday	AN15.1	BI5.2 Describe and	AN14.1			PY10.17	PY2.13		
22/08/2022	Describe and	discuss functions of	Identify the give	en bone, its		Describe and	Describe steps for reticulocyte and platelet Count PY11.3		
	demonstrate origin,	proteins and	side, important f	eatures &		discuss functional			
	course, relations,	structure- function	keep it in anator	mical		anatomy of eye,			
	branches (or	relationships in	position			physiology of	Describe and discuss	mechanism of fever,	SPORTS
	tributaries),	relevant areas eg,	AN14.2			image formation, physiology of	cold injuries and hear		
	termination of	hemoglobin and	Identify & descr	ibe joints			BI11.16 Observe use of commonly used		
	important nerves and	selected	formed by the gi	ven bone		vision including	equipments/technique	es in biochemistry	
	vessels of anterior	hemoglobinopathies	AN14.3			colourvision,	laboratory including:	•pH meter •Paper	
	thigh	(L)	Describe the imp	portance of		refractive errors,	chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA		
	AN20.3		ossification of lo	ower end of		colour blindness,			
	Describe and		femur & upper e	end of tibia		physiology of			
	demonstrate Fascia		AN14.4			pupil and light	•Immunodiffusion •A	Autoanalyser •Quality	
	lata, Venous drainage,		Identify and nar	ne various		reflex	control •DNA isolati	on from blood/ tissue	
	Lymphatic drainage,		bones in the arti	culated foot		(D)	(LAB)		
	Retinacula &		with individual	muscle					
	Dermatomes of lower		attachment		LUNCH				
	limb		(DH)						
	(D)			-					
Tuesday	BI6.9 Describe the	AN15.3 Describe	PY10.3	AN15.3		AN52.7		demonstrate in a simulated	
23/08/2022	functions of various	and demonstrate	Describe	Describe and		Describe the	health and health seel	essment of barriers to good	
	minerals in the body,	boundaries, floor,	and discuss	demonstrate		development of	(Dr.Dheeraj Sharma	5	
	their metabolism and	roof and contents of	somatic	boundaries,		Urinary system	` °		
	homeostasis.	femoral triangle.	sensations &	floor, roof		(L)		lefine, describe and discuss	SPORTS
	BI6.10 Enumerate and	(L)	sensory	and contents			epidemiological study		
	describe the disorders		tracts	of femoral			Designs (Dr. Sangee	ta Jain Sharma)	
	associated with mineral		(L)	triangle.					
	metabolism.			(D)					
	(L)								
Wednesday	BI6.9 Describe the	AN48.4	AN54.1			BI3.8 Discuss and	PY2.13		
24/08/2022	functions of various	Describe the	Describe & iden	tify features		interpret	Describe steps for ret	iculocyte and platelet	
	minerals in the body,	branches of sacral	of plain X ray a			laboratory results	Count		
	their metabolism and	plexus	AN54.2			of analytes	PY3.15		SPORTS
	homeostasis.	(L)	Describe & ident	tifv the		associated with	Demonstrate effect o	f mild_moderate and	

	BI6.10 Enumerate and describe the disorders associated with mineral metabolism. (L)		X ray Barium sy meal, Barium er Cholecystograph pyelography &Hysterosalping	region (contrast vallow, Barium nema, ny, Intravenous	Metabolism of carbohydrates B13.9 Discuss the mechanism and significance of blood glucose regulation in health and disease B13.10 Interpretthe results of blood glucose levels and otherlaboratory investigations related to disorders of carbohydrate metabolism. (L)	severe exercise and record changes in cardiorespiratory parameters 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 •Qualitycontrol •DNA isolation from blood/ tissue (LAB)	
Thursday 25/08/2022	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)	the articulated for muscle attachmo AN15.1 Describe and der course, relations tributaries), term important nerve: anterior thigh AN15.2 Describe and der muscles with the nerve supply and AN15.3 Describe and der	nonstrateorigin, , branches (or nination of s and vessels of nonstratemajor eir attachment, d actions nonstrate c, roof and contents	PY10.8 Describe and discuss behaviouralandEEG characteristics during sleep and mechanism responsible for its production (L)	 PY2.13 Describe steps for reticulocyte and plateletcount PY3.15 Demonstrate effect of mild, moderate andsevere exercise and record changes in cardiorespiratory parameters B111.17 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)	SPORTS
Friday 26/08/2022	AN15.5	PY10.9	AN16.1	PY10.4	AN16.1	ANATOMY – DH	
	Describe and	Describe and discuss	Describe	Describe and	Describe and	AN16.1	

	demonstrate adductorcanal with its content(D)	the physiological basis of memory, learning and speech(L)	and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region (L)	discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus (L)	demonstrate origin, course, relations, branches (or tributaries), termination of important nervesand vessels of gluteal region AN16.3 Explain the anatomical basis of Trendelenburgsign (D)	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 vessels of anterior thigh AN14.1 Identify the given bone, its side, important features & keep it in anatomical position (LAB)		SPORTS
Saturday 27/08/2022	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 theback of thigh (D)	of femoral triang	, branches (or ination of s and vessels of monstrate c, roof and contents gle e and demonstrate roup of muscles ment, nerve ns monstrate the lations,branches ermination of s and vessels on	Describe and demon drainage, Retinacula	ECE DVT & Varicose veinsAN19.3 ot of "Peripheral heart" AN20.3 strate Fascia lata, Venous drainage, Lymphatic & Dermatomes of lower limbAN20.5 l basis of varicose veins and deep vein	S P O R T S	

				MUZAFFARNA	AGAR MEDIC	AL COLLEGE MUZAFI	FARNAGAR		
					29th Wee	ks			
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2P M	2- 3PM	3- 4PM	04-05PM
Monday 29/08/2022	AN16.6 Describe and demonstratethe boundaries, roof, floor, contents and relations of popliteal fossa (D)	BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates BI3.9 Discuss the mechanismand 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)	AN14.1 Identify the give important featur anatomical posit Describe and de boundaries, roof and relations of (DH)	es & keep it in tionAN16.6 monstrate the ?, floor, contents popliteal fossa		PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colourvision, refractive errors, colour blindness, physiology of pupil and light reflex (D)	and rationale of I done in the follow diabetes mellitus myocardial infar gout, - proteinus syndrome, - ede liver diseases, pa of acid- base ba disorders. (LAB)	ar dystrophy: .17 Explain the basis biochemical tests wing conditions: - , - dyslipidemia, - ction, - renal failure, ria, - nephrotic ma, - jaundice, - ncreatitis, disorders lance, - thyroid	SPORTS
Tuesday 30/08/2022	BI6.9 Describe the functions of various minerals in the body, their metabolism and	AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment,	PY10.3 Describe and discuss somatic sensations & sensory tracts (L)	AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of		AN52.8 Describe the development of male & female reproductive system (L)	relationship and th and disease (Dr.D	iour and community teir impact on health heeraj Sharma) and evaluate the need	SPORTS

	homeostasis BI6.10 Enumerate and describe the disorders associated with mineral metabolism (SDL)	nerve supply and actions (D)	nerves and vessels of anterior compartmentof leg AN18.3 Explain the anatomical basis of foot drop (L)					
Wednesday 31/08/2022	BI6.9 Describe the functions of various minerals in the body, their metabolismand homeostasis BI6.10 Enumerate and describe the disorders associated with mineral metabolism.(L)	AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb (D)	AN14.1 Identify the given bone, its side, important features & keepit in anatomical position AN14.4 Identify and name various bones in the articulated footwith individual muscle attachment AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anteriorcompartment of leg AN18.3 Explain the anatomical basis offoot drop (DH)	H B in c P -] fi B in d J in d J ii	HDLcholesterol BI11.16 Observe use of c n biochemistry laborato chromatography of amin PAGE •Electrolyte analy Immunodiffusion •Auto rom blood/ tissue BI11.17 Explain the basi n the following condition dyslipidemia, • myocar proteinuria, • nephrotic	ECE – BIOCHEMI STRY stimation of serum total cholesteroland ommonly used equipments/techniques ry including: •pH meter •Paper to acid •Protein electrophoresis •TLC, //sis by ISE •ABG analyzer •ELISA unalyser •Quality control •DNA isolation s and rationale of biochemical tests done ns: - diabetes mellitus, - dial infarction, - renal failure, gout, - syndrome, - edema, - jaundice, - is, disorders of acid- base balance, -		S P O R T S
Thursday 01/09/2022	PY11.12 Discuss the physiological effects of meditation (D)	AN19.1 Describe and demonstrate the major muscles of backof leg with their attachment, nerve supply and actions (D)	AN14.4 Identify and name various bones in the articulated footwith individual muscle attachment AN19.1 Describe and demonstrate themajor muscles of back of leg with their attachment, nerve supply and actions (DH)	P E b c si r r p	PY10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism esponsible for its production 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 	SPORTS	

						diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders. (LAB)	
Friday 02/09/2022	AN19.2 Describe and demonstratethe 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 demonstratethe type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around thehip joint(L)	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control ofbody movements, posture and equilibrium & vestibular apparatus (D)	ANA (D) AN14.4 Identify and name various bones in the articulated foot with individualmuscle attachment(D)	ANATO MY 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	S P O R T S
	PHY PY10.9 Describe and discuss the physiological basis of memory, learning and speech (D)	bursa around the hi AN17.2 Describe anatomica of femur AN17.3	nstrate the type, art embrane, ligaments iscles involved, blo p joint I basis of complicat			ECE IYSIOLOGY TOPIC: INAL CORD INJARYES	SPORTS
Saturday 03/09/2022					PY10.6 Describe and	discuss Spinal cord, its functions, lesion & sensory disturbances	

Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2P	2-3	3- 4P	04-05
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12. IPNI	I- 2P M	2. 3 PM	5- 4P M	04-05
Monday 05/09/2022	AN18.3 Explain the Anatomical basis of foot drop	BI6.9 Describe the functions of various minerals in the body, their metabolism	important featur anatomical posi Identify and nar in the articulate- individual musc AN18.2 Describe and de origin, course, r branches (or tril termination of it and vessels of a compartment of AN18.3 Explain the anate- foot drop (DH)	tion AN14.4 ne various bones d footwith ele attachment emonstrate elations, putaries), mportant nerves nterior 'leg omical basis of		and effect of altered sec BI6.13 thyroid function AN35.12 describe and o blood supply of thyroid	a Test demonstrate location parts border gland	rs surfaces relations and	SPORTS
Tuesday 06/09/2022	BI8.1	AN18.4	PY10.3	AN18.4		AN52.8	 CM2.5 Describe poverty measures and its relation disease (Dr.Dheeraj Sha CM7.7 Describe and den Investigation of an epide disease and describe the measures (Dr. Sangeeta) 	aship to health and arma) nonstrate the steps in the emic of communicable principles of control	

Discuss the	Describe and	Describe and	Describe and	Describe the	
importance	demonstrate	discuss	demonstrate	development of male	
of various	the type,	somatic	the type,	& female	
dietary	articular	sensations &	articular	reproductive system	
components	surfaces,	sensory	surfaces,	(L)	SPORTS
and explain	capsule,	tracts	capsule,		
importance	synovial	(L)	synovial		
of dietary	membrane,		membrane,		
fibre.	ligaments,		ligaments,		
(SDL)	relations,		relations,		
	movements		movements		
			and muscles		
	(D)		(L)		

	BI7.5 Describe	AN19.5	AN14.1	1	BI8.3 Provide	PY2.12	
	the role of	Describe	Identify the given bone, its	c	dietary	Describe test for ESR,	
						Osmotic fragility,	
	xenobiotics in	factors	side, important features &	a	advice for	Hematocrit. Note the findings	
						and interpret the	
	disease	maintaining	keep it in anatomical		optimal	test results etc	
	(D)	importance	position	ł	health in	PY3.16	
		arches of	AN19.1	c	childhood	Demonstrate Harvard Step test	
						and describe the	
		the foot	Describe and demonstrate	a	and adult, in	impact on induced physiologic	SPORTS
						parameters in a	
Wednesday		with its	the major muscles of back	c	disease	simulated environment	
07/09/2022		importance	of leg with their attachment,	c	conditions	BI11.17 Explain the basis and	
						rationale of	
		(L)	nerve supply and actions	1	like diabetes	biochemical tests done in the	
						following	
			(DH)	г	mellitus,	conditions: - diabetes	
						mellitus,	
				c	coronary	- dyslipidemia, -	
						myocardial infarction, -	
				a	artery	renal failure, gout, -	
						proteinuria, - nephrotic syndrome, - edema, -	
				C	disease and	jaundice, - liver	
					·	diseases, pancreatitis,	
				1	in pregnancy	disorders	
					(L)	of acid- base balance, -	
						thyroid disorders.	
						(LAB)	
	PY10.10	AN19.5	AN19.5		PY10.4	PY3.18	
	Describe and	Describe	Describe factors maintaining		Describe and	Observe with Computer	
						assisted learning (i)	
	discuss chemical	factors	importance arches of the	ć	discuss	amphibian nerve -	
			*			muscle experiments (ii)	
	transmission in	maintaining	foot with its importance	r	motor tracts,	amphibian cardiac	
						experiments	
	the nervous	importance	AN19.6	г	mechanism	BI11.17 Explain the basis and	
						rationale of	
	system. (Outline	arches of	Explain the anatomical basis	0	of	biochemical tests done in the	SPORTS
						following	
	the psychiatry	the foot	of Flat foot & Club foot	r	maintenance	conditions: - diabetes	
						mellitus,	
	element).	with its	(DH)	C	of tone,	- dyslipidemia, -	
		I				myocardial infarction, - renal	

				failure, gout, -	
Thursday	(D)	importance	control of	proteinuria, - nephrotic	
08/09/2022		AN19.6	body	syndrome, - edema, -	
08/09/2022				jaundice, - liver	
				diseases, pancreatitis,	
		Explain the	movements,	disorders	
				of acid- base balance, -	
		anatomical	posture and	thyroid disorders.	
		basis of Flat	equilibrium	(LAB)	
		foot & Club	& vestibular		
		foot	apparatus		
		(L)	(L)		

Friday 09/09/2022	AN57.3 Draw & label transvers AN57.4 Enumerate ascending & PY10.6 Describe and discuss S	res of spinal cord nal cord in child & se section of spinal o & descending tracts pinal cord, its funct	adult with its clinicalimplication cord at mid- cervical & mid- thoracic level at mid thoracic levelof spinal cord ions, lesion & sensory disturbances	AN20.1 Describe anddemonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supplyof tibiofibular and ankle joint (D)	ANATOMY DH AN14.1 Identify the given bone, its side, importantfeatures & keep it in anatomical position AN19.1 Describe and demonstrate the major muscles ofback of leg with their attachment, nerve supplyand actions	SPORTS
Saturday 10/09/2022	PY11.7 Describe and discuss physiology of aging; free radicals and antioxidants (D)	AN20.1 Describe and demonstratethe type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supplyof tibiofibular and anklejoint (D)	AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood andnerve supply of tibiofibular and ankle joint (DH)	BI3.9 Discuss the mechani regulation in health and dis BI3.10 Interpret the results of block	iochemistry smand significance of blood glucose ease dglucose levels and other laboratory orders of carbohydrate metabolism.	SPORTS

		MULAITAN		. COLLEGE MUZAF Veeks	FINIAUAN				
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2P M	2-3 PM	3- 4PM	04-05
Monday 12/09/2022	AN20.2 Describe the subtalar and transverse tarsal joints (D)	BI7.6 Describe the anti- oxidant defence systems in thebody. (L)	AN20.8 Identify & demons femoral, popliteal,j	f lower limb: ofhighest point of or superior iliac ele, pubic tubercle, adductor tubercle, , head of al malleoli, and tibia, tuberosity offifth ity of the navicular trate palpation of		PY10.18 Describe and discussthe physiological basis of lesion in visual pathway (D)	Explain the basis and t tests done in the follo diabetes mellitus,	muscle experiments c experiments BI11.17 rationale ofbiochemical wing conditions: - lyslipidemia, - , - renal failure, gout, arotic syndrome, -	SPORTS
Tuesday 13/09/2022	BI7.5 Describethe role of xenobiotics in disease (SDL)	AN20.6 Identify the bones and joints of lower limb seen in anteroposteriorand 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	AN64.3 Describe various types of open neuraltube defects with its embryological basis (L)		AN52.8 Describe the development of male & female reproductive system(L)		and pollution principles of association, a epidemiological studies	SPORTS

Friday 16/09/2022	AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group	(L) PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, controlofbody movements,	AN59.1 Identify external features of pons AN59.2 Draw & label transverse section of	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus,	AN59.1 Identify external features of pons AN59.2 Draw & label transverse section of pons at the upperand lower level AN59.3	ANTOM Y DH AN58.1 Identify external features of medulla oblongata AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group	S P O R T S
Thursday 15/09/2022	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	AN58.1 Identify external fea oblongata AN58.3 Enumerate cranial n medulla oblongata functional group (DH)	nerve nuclei in	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 B111.17 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)	SPORTS
Wednesday 14/09/2022	BI7.1 Describe the structure and functions ofDNA and RNA and outline the cell cycle. (L)		РСТ		BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved. (L)	PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments B11.17 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)	SPORTS

	(D)	posture and equilibrium & vestibular apparatus (L)	pons at the upper and lower level (L)	cerebellum and limbic system and their abnormalities (L)	Enumerate cranial nerve nuclei in ponswith their functional group (D)		
Saturday 17/09/2022	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 & of midbrain (DH)	ż internal features	ECE Anatomy AN58.3 Enumerate cranial nerve nuclei in medulla oblongata group	with their functional	SPORTS

		MUZAF	FARNAGAR MED	DICAL COLLEGE N	MUZAFFARNAG	AR			
		1	1	<u>32 Weeks</u>	1	-			
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2P M	2- 3PM	3-4 PM	04-05
Monday 19/09/2022	AN61.1 Identify external & internal features of midbrain (Revision)	BI6.2 Describe and discuss the metabolic AN61.1 Identify external & internal features of midbrain (Revision) processes in which nucleotides are involved. internal (L) (L)			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)		SPORTS
Tuesday 20/09/2022	(L) BI7.1 Describe (LINCAR CLASS CEREBELLUM) the structure and AN60.1 functions of Describe & demonstrate external & internal features of cerebellum (D) and outline the (D) cell cycle. (L) (L) Describe connections of cerebellar cortex and intracerebellar nuclei (L) (L) (L) PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus,cerebellum and limbic system and their				of cerebellar dysfunction (L)	CM3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting (Dr.Dheeraj Sharma) CM7.9 Describe and demonstrate the application of computers in Epidemiology (Dr. Sangeeta Jain Sharma)		SPORTS	
Wednesday 21/09/2022	B17.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms (L).	abnormalities AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth& lateral ventricle (L)	AN63.1 Describe & demo boundaries & feat IVth& lateral ven (DH)	tures of IIIrd,		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)		SPORTS

	PY10.7	AN62.5	AN62.5
	Describe and	Describe	Describe boundaries, parts, gross
	discuss functions	boundaries,	relations, major nucleiand
	of cerebral	parts, gross	connections of dorsal thalamus,
	cortex, basal	relations, major	hypothalamus, epithalamus,
	ganglia,	nuclei and	metathalamusand subthalamus
	thalamus,	connections of	(DH)
Thursday	hypothalamus,	dorsal thalamus,	
22/09/2022	cerebellum and	hypothalamus,	
22/09/2022	limbic system	epithalamus,	
	and their	metathalamusand	
	abnormalities	subthalamus	
	(D)	(L)	
	AN62.5	PY10.7	AN62.5
	Describe	Describe and	Describe boundaries, parts, gross
	boundaries,	discuss functions	relations, major nuclei and
	parts, gross	of cerebral	connections of dorsal thalamus,
	relations, major	cortex, basal	hypothalamus, epithalamiums,
	nuclei and	ganglia,	metathalamusand sub thalamus
	connections of	thalamus,	(L)
Friday	dorsal thalamus,	hypothalamus,	
23/09/2022	hypothalamus,	cerebellum and	
23/07/2022	epithalamus,	limbic system	
	metathalamusand	and their	
	subthalamus	abnormalities	
	(L)	(L)	
	PY10.15	AN62.3	AN62.3
Saturday	Describe and	Describe the	Describe the white matter of
Saturday	discuss	white matterof	cerebrum
24/09/2022	functional	cerebrum	(DH)
·····		(D)	
	anatomy of ear		
	and auditory		
	pathways &		
	physiology of		
	hearing		
	(D)		1

PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances(L)	PY3.9 Describe the molecular basis of musclecontraction in skeletal and in smooth muscles BI11.18 Discuss the principles of spectrophotometry (LAB)	SPORTS
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	SPORTS
	ss functions of cerebral cortex, basal amus, cerebellum and limbic system andtheir	SPORTS

			Ν	IUZAFFARNAGAR	MEDICAL C	OLLEGE MUZAFFARM	JAGAR		
					<u>33 Wee</u>	ks			
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2P M	2- 3PM	3- 4P M	4-5 PM
Monday 26/09/2022	AN62.3 Describe the white matterof cerebrum (D)	BI6.3 Describe the common disorders associated with nucleotide metabolism.(L)	AN62.3 Describe the white matter ofcerebrum (DH)		Describe the white matter ofcerebrum		nerve - muscle exp experiments BI11.19 Outline the functioning of instr biochemistry labora (LAB)	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.	
Tuesday 27/09/2022	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription& translation mechanisms.(L)	AN62.3 Describe the white matterof cerebrum (L)	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 ofcerebrum (L)		AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum (L)	borne diseases/ jaune (Dr.Dheeraj Sharm CM8.1 Describe and control measures i laboratory tests at	e etiology and basis of water dice/ hepatitis/ diarrheal diseases na) d discuss the epidemiological and including the use of essential t the primary care level for isses (Dr. Sangeeta Jain Sharma)	COMMUNITY MEDICINE (SDL)
Wednesday 28/09/2022	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription& translation mechanisms. (L)	AN62.6 Describe & identify formation, branches & major areasof distributionof circle of Willis (L)	(L) AN62.6 Describe & identify formation,branches & major areas of distribution of circle of Willis (DH)			BI6.4 Discuss the laboratory resultsof analytes associated with gout & Lesch Nyhan syndrome.(L)	nerve - muscle exp experiments BI11.19 Outline the functioning of instr	uter assisted learning (i)amphibian eriments (ii) amphibian cardiac e basic principles involved in the rumentscommonly used in a atory and their applications.	COMMUNITY MEDICINE (SDL)
Thursday 29/09/2022	PY3.8 Describe action	AN62.6 Describe & identify	AN62.6 Describe & identify branches & major a	,		PY10.7 Describe and discuss functions	-	uter assisted learning (i) muscle experiments (ii)	COMMUNITY MEDICINE (SDL)

	potential andits propertiesin different muscle types (skeletal & smooth) (D)	formation, branches & major areasof distributionof circle of Willis (L)	distribution of circle of Willis (DH)	of cerebral cortex,basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	amphibian cardiac experiments BI11.19 Outline the basic principles involved in the functioning of instrumentscommonly used in a biochemistry laboratory and their applications. (LAB)	
Friday 30/09/2022	AN62.3 Describe the white matterof cerebrum (Revision)	& limbic lobe PY10.7 Describe and disc ganglia, thalamus system and their PY10.7 Describe and disc	LINKER LIMBIC t major connections of basalganglia cuss functions of cerebral cortex,basal s, hypothalamus, cerebellum and limbic abnormalities cuss functions of cerebral cortex,basal s, hypothalamus, cerebellum and limbic	AN62.3 Describe the whitematter of cerebrum (Revision)	ANATOMY DH AN62.5 Describe boundaries, parts, gross relations,major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus	COMMUNITY MEDICINE (SDL)
Saturday 01/10/2022	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 layersof meninges with its extent & modifications (DH)	ECE – BIOCHEM AN56.2 Describe circulation of CSF · Describe anatomical basis of congenit commonly used laboratory apparatus practice and waste disposal.		

			MUZAFFA	RNAGAR MEDI	CAL COLLEGE	MUZAFFARNAGAR			
					34 Weeks				
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3P M	3- 4PM	
Monday 03/10/2022	AN56.1 Describe & identify various layersof 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 n (DH)		atter ofcerebrum	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 instrumentscommonly used in a biochemistry laboratory and theirapplications. (LAB) 	
Tuesday 04/10/2022	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)	PHYSIOLOG Y PCT	AN62.6 Describe & identify formation, branches & major areasof distributionof circle of Willis (L)		AN13.8 Describe development of upper limb AN20.10 Describe basic concept of development oflower limb (L)	control measures includ laboratory tests at the p	al (Dr.Dheeraj Sharma) uss the epidemiological and ing the use of essentia rimary care level for Nor (diabetes, Hypertension retc.)	
Wednesday 05/10/2022	BI7.3 Describe gene mutations and basic mechanism ofregulation of gene expression. (L)	AN75.1 Describe the structural and numerical chromosomal aberrations (L)	AN75.1 Describe the structu chromosomal aberry (DH)			BI10.2 Describe various biochemicaltumor markers and the biochemical basis of cancer therapy. (L)	PY11.14 Demonstrate Basic Life Si environment BI11.19 Outline the basi functioning of instrumen biochemistry laboratory a (LAB).	c principles involved in the tscommonly used in a	

Thursday 06/10/2022	PY5.2	AN75.2	AN75.2	PY10.7	PY11.14
	Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions (D)	Explain the terms mosaics and chimeras with example (L)	Explain the terms mosaics and chimeras with example INTREGRATED WITH PHARMACOLOGY (DH)	Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (L)	Demonstrate Basic Life Support in a simulated environment B111.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications. (LAB)
Friday 07/10/2022	AN 76.2 Explain the terms- phylogeny,ontoge ny, 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)	AN 75.4 Describe genetic basis of variation: polymorphism and mutation (D)	AETCOM – ANATOMY AN56.2 Describe circulation of CSF with its applied anatomy AN63.2 Describe anatomical basis of congenital hydrocephalus
Saturday 08/10/2022	PY5.2 Describe the properties of cardiac muscles including its morphology electrical mechanical and metabolic function (D)	PCT Anatomy		cerebral hemisphere	tte surfaces, sulci, gyri, poles, & functional areas of CSF with its applied anatomy AN63.2 Describe anatomical 15

				25 V	Veeks			
Days	8- 9AM	9- 10 AM	10- 11AM	35 v 11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4PM
Monday 10/10/2022	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 princip counseling (DH)		12 11 11	PY 10.16 Describe and discuss pa PY11.14 Demonstrate E	th physiology of deafness. Basic Life Support in a sim	Describehearing tests
Tuesday 11/10/2022	BI7.3 Describe gene mutationsand basic mechanism of regulation of gene expression. (SDL)	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)	LUNCH	EMBRYOLOGY REVISION CLASS	housing on health (Dr. CM8.3 Enumerate and	describe disease specific National ling their prevention and treatment

	BI7.4 Describe	AN 52.2	AN 64.1	BI10.3 Describe the	PY 10.16
	applications of	Describe &	Describe & identify the	cellular and humoral	Describe and discuss path physiologyof deafness.
	molecular	identify the	microanatomical features of Spinal cord,	components of the	Describe
	technologies like	microanatomical	Cerebellum & Cerebrum	immune system &	hearing tests
	recombinant DNA	features of: Urinary	(DH)	describe the typesand	PY11.14 Demonstrate Basic Life Support in a simulated
Wednesday	technology, PCRin	system: Kidney,		structure of antibody	environment BI11.20 Identify abnormal constituentsin
10/10/2020	the diagnosisand	Ureter &Urinary		BI10.4 Describe &	urine, interpret the findings and correlate these with
12/10/2022	treatment of diseases	bladder Male		discuss innate and	pathological states.
	with genetic basis.	Reproductive		adaptive immune	(LAB)
	(SDL)	System: Testis,		responses,	
	(-)	Epididymis,Vas		self/non- self	
		deferens, Prostate		recognition and the	
		& penis Female		central role of	
		reproductive		T- helper cells in	

Thursday 13/10/2022	PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions (D)	system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord AN52.4 Describe the development of anterior abdominal wall (L) 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)		BI6.14 Describe the tests functions of these organs	tions of the kidney, liver, thyroid andadrenal glands. that are commonly done in clinical practice to assess the (kidney, liver,thyroid and adrenal glands). rmalities of kidney, liver, thyroid and adrenal glands. GENERAL MEDICINE
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Friday 14/10/2022	AN 48.5 Explain the ana benign prostatic hypertr Prolapse uterus, Internal and exter Tubal ligation PY7.6 Describe the inne abnormalities	rophy, Retroverted uterus, rnal hemorrhoids, Anal fistul	cystostomy, Urinary obstruction in a, Vasectomy, Tubal pregnancy & obysiology of micturition and its		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
Saturday 15/10/2022	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 sacralple	exus		AN 52.5 Describe the development and congenital anomalies of Diaphragm

			MUZAFFARNAGAR	MEDICAL COLLEG	GE MUZAFFAR	RNAGAR		
				36 Weeks				
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4PM
Monday 17/10/2022	AN57.4 Enumerate ascending & descending tracts at mid thoracic levelof spinal cord	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 ofT- helper cells in immune responses. BI10.5 Describe antigens and concepts involved in vaccine development. SDL	AN57.3 Draw & label transvers cord at mid- cervical level AN57.4 Enumerate ascending & at mid thoracic level of	& midthoracic	LUNCH	PY 10.17 Describe and discuss functionalanatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex(D)	BI6.13 Describe the fur liver, thyroid and adree BI6.14 Describe the te done in clinical practic of these organs (kidne adrenal glands).	nal glands. ests that are commonly ce toassess the functions y, liver, thyroid and bnormalities ofkidney, nal glands. bes and causes of rition and itseffects. uses (includingdietary alth risks associated t/ obesity. e (i) Testing of visual d of visionand (ii) or smell and (iv) taste wironment

Tuesday 18/10/2022	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	AN 62.3 Describe the white matterof cerebrum	PY3.6 Describe the pathophysiologyof Myasthenia gravis	AN 64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	EMBRYOLOGY REVISION CLASS	 CM3.6 Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program (Dr.Dheeraj Sharma) CM8.4 Describe the principles and enumerate the measures to control a disease epidemic (Dr. Sangeeta Jain Sharma)
Wednesday 19/10/2022	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. SDL	AN 68.3 Describe the ultrastructure of nervous tissue	AN 64.1 Describe & identify th features of Spinalcord Cerebellum & Cerebrun	,	BI10.3 Describe the cellular and humoral components of the immune system & describethe 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 involvedin vaccine development.	PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of visionand (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.

Thursday 20/10/2022	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests (D)	AN 30.2 Describe & identify major foramina with structures passing through them	AN 17.2 Describe anatomical basis of complications of fracture neck offemur		PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus,cerebellum and limbic system and their abnormalities (L)	PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of visionand (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.	
Friday 21/10/2022	AN 35.3 Demonstrate & describe the origin, parts course and branches of Subclavian artery	PY 7.3 Describe the mechanism of urine formation involving process filtration, tubular reabsorption and secretion (L)	AN 32.2 PY7.8 Describe and demonstrate boundaries and contents of muscular, carotid, digastrics and		PCT ANATOMY		
Saturday 22/10/2022	PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their(D)	AN 75.4 Describe genetic basis ofvariation: polymorphism and mutation (D)	submental triangles AN 17.3 Describe dislocation hip replacement	of hip joint andsurgical	BI6.4 TO	IOCHEMISTRY PPIC : GOUT RATION WITH MEDICINE	

			MUZAFFARM	NAGAR MEDICAL	COLLEGE MU	ZAFFARNAGAR		
				37 \	Weeks			
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3 PM	3- 4 PM
Monday 24/10/2022	BI7.7 Describe the stress in the pathog suchas cancer, con diabetes mellitus a SDL	genesis of conditions	tions Describe anatomical basis of complications of fracture neck of femur AN 17.3 Describe dislocation of hipjoint and surgical hip replacement			PY 2.6 Describe WBC formation (granulopoiesis) andits regulation(D)	DLC, Blood groups, H BI11.23 Calculate end	ergy content of different bod items with high and and explain the
Tuesday	BI7.6 Describethe anti- oxidant defence systems in thebody. (SDL)	AN 17.2 Describe anatomical basis of complicationsof fracture neck of femur Intrigratedwith F.M	PY 1.2 Describe and discuss the principles of homeostasis	AN 17.3 Describe dislocation of hip joint and surgical hip replacement		EMBRYOLOGY REVISION CLASS	CM3.7 Identify and de features and life cycles Health importance and Dr.Dheeraj Sharma) CM8.5 Describe and d planning, implementing measures for disease at bearing in mind the pul of the disease (Dr. San	of vectors of Public their control measures iscuss the principles of g and evaluating control community level blic health importance
25/10/2022 Wednesday 26/10/2022	BI9.1 List the functions and components of the extracellular matrix (ECM). (SDL)	AN25.3 Describe fetal circulation and changes occurring at birth	AN25.3 Describe fetal circulation and changesoccurring at birth		LUNCH	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.	DLC, Blood groups, H BI11.23 Calculate end	ergy content of different bod items with high and and explain the

Thursday 27/10/2022	PY 1.6 Describe the fluid compartments of the body, its ionic composition	dislocation ofhip		D ba ar E	PY 2.8Describe the physiological basis ofhemostasis and, anticoagulants.Describe bleeding & clotting disordersPY2.11 Estimate Hb, RBC, TL indices,DLC, Blood groups, E BI11.23 Calculate energy con different food Items, identify in high and low glycemic index is importance of these in the die	
	&			(1	Hemophilia,	
	Measurements (D)				ourpura)	•
	AN2.1 Describe part		upply of a long bone			ion of skull, identify and locate
	AN2.2 Enumerate la		DV9 2		ividual skull bones in skull	rmafrotalis verticalis, occioitalis
			e and calcium metabolism PY8.2 ort, physiological actions, regulation		ralis and basalis (DH)	rmairotans verticans, occioitans
			ecretion of pituitary gland, thyroid	late	Tails and basans (DII)	
Friday	gland, parathyroid g		ceretion of pitulary gland, myrold			
28/10/2022						
28/10/2022	adrenal gland, pancr	as and hypothalamy				
	PY 9.6		15			
	Enumerate the		& demonstrate attachments			
	contraceptive	of 1) inferior belly	y of omohyoid,			
Saturday 29/10/2022	methods for	2)scalene anterior,	3) scalene mediums & 4)			
	male and	elevator scapulae				
	Female. Discuss					
	their					
	advantages &					
	Disadvantages (D)				РСТ	
		1			BIOCHE	

		MU	JZAFFARNAGA	R MEDICAL COLL	EGE MUZAFFA	ARNAGAR		
		1	r	38 W	eeks		1	1
Days	8- 9AM	9- 11 AM	11- 11AM	11- 12AM	12- 1PM	1- 2P M	2- 3P M	3- 4P M
Monday 31/10/2022	AN 18.6 Describe knee joint injuries withits applied anatomy AN 18.7 Explain anatomicalbasis of Osteoarthritis	B13.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).		en bone, itsside, ıres & keep it in ition		PY2.5 Describe different types of anaemias & Jaundice(D)	 PY2.11 Estimate Hb, RBC DLC, Blood groups, BT/ BI11.21 Demonstrate est creatinine, urea and total 	CT imation of glucose,
Tuesday 01/11/2022	B19.2 Discuss the involvementof ECM componentsin health and disease. (SDL)	AN 34.1 Describe& demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular	PY7.5 Describe the renal regulation of fluid and electrolytes& acid- base balance	AN 18.7 Explain anatomical basis of Osteoarthritis	LUNCH	AN 18.6 Describe knee joint injuries with its applied anatomy	CM4.1 Describe vario education with their advan (Dr.Dheeraj Sharma) CM8.6 Educate and train l surveillance, control & tre education (Dr. Sangeeta J	tages and limitations health workers in disease atment and health
Wednesday 02/11/2022	BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease.	chanism describe and drawthe microanatomy of plucose ion in and gland,tongue, chanism describe and drawthe microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, cornea, retina	Identify, describe and drawthe microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis,			 BI3.4 Define and differentiate the pathways of carbohydrate ma (glycolysis, gluconeogenesis, glycogen metabolism, HMP shun (SDL) PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood group BI11.21 Demonstrate estimation of glucose, creatinine, urea andto serum. 		
Thursday 03/11/2022	PY5.5 (ECG) (D)	retina AN43.2 Identify, describe and draw the microanatomy of	AN43.2 Identify, describ the microanato gland, thyroid,	be and draw my of pituitary		PY5.6 Describe abnormal ECG, a myocardial	arrythmias, heartblock and	BI11.21 Demonstrate estimation of glucose, creatinine,

		pituitary gland, thyroid,	parathyroid gland, salivary glands, to	0
		parathyroid gland,	epiglottis, cornea,	retina
		tongue, salivary		
		glands, tonsil,		
		epiglottis, cornea,		
		retina		
Friday 04/11/2022	AN47.9	PY8.2 Describe the synthesis, secretion,	AN47.8	PY9.8
	Describe &	transport, physiological	Describe &	Describe
	identify the	actions, regulation and effect of altered (hypo and hyper)	identify the	and discuss
	origin,	secretion of pituitary gland, thyroid gland,	formation,	the
	course,	parathyroid gland,	course	physiology
	important	adrenal gland, pancreas and	relations and	of
	relations and	panereas and	tributaries of	pregnancy,
	branches of	hypothalamus	Portal	parturition
	Abdominal	51	vein, Inferior	&
	aorta, Coeliac		vena cava &	lactation
	trunk,		Renal vein	and outline
	Superior			the
	mesenteric,		AN47.10	psychology
	Inferior		Enumerate	and
	mesenteric		the sites of	psychiatry-
	& Common		port systemic	disorders
	iliac artery		anastomosis	associated
				With it.
Saturday 05/11/2022	PY8.3	AN35.10	AN35.10	
03/11/2022	Describe the physiology of	Describe the fascial spaces of	Describe the facia neck	ll spaces of
	Thymus &	neck		
	Pineal Gland(D)			

Infarction		urea and total protein serum.		
AN 29.4				
Describe &				
demonstrate	AN58.1 Identify external fea	atures of medulla oblonga		
	AN58.3 Enumerate cranial r oblongate with their function			
attachments of 1)	-			
inferior belly of				
omohyoid,				
2)scalenus anterior,				
3) scalenus medius &				
4) levator scapulae				
	e anatomical basis of tonsill enoids and pre tonsillar absc ECE – TONSIL WITH I	ess		

		MU	UZAFFARNAGAR N	MEDICAL COL	LEGE MUZA	AFFARNAGAR		
				39 Weeks	6			
Days	8- 9AM	9- 11 AM	10- 11AM	11- 12AM	12- 1PM	1- 2P M	2- 3P M	3- 4P M
Monday 07/11/2022	AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia	B13.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	AN26.1 Demonstr position of skull, Io locate individualsk skull AN26.2 Describe t norma frontalis, ve occipitalis, laterali AN70.2 Identify th tissue under the mi describe microanal node, spleen, thym correlate the structure with funct	dentify and cull bones in the features of prticalis, sand basalis ic lymphoid icroscope & tomy of lymph nus, tonsiland	LUNCH	PY2.9 Describe different bloodgroups and discuss the clinical importance of blood grouping, bloodbanking and transfusion (D)	Blood groups, BT/CT	BC, TLC, RBC indices,DLC, stimation of glucose,creatinine, serum.
Tuesday 08/11/2022	BI6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance.	HISTO REVISION	PY7.5 escribe the renal regulation of fluid and electrolytes & acid- base balance				promotion and educatio individual, family and c (Dr.Dheeraj Sharma)	principles of management o
Wednesday 09/11/2022	(SDL) BI7.4 Describe applications of molecular technologies like recombinant DNA technology,PCR in the diagnosis and	AN81.1 Describe variou AN81.2 Describe indica amniocentesis AN8.3 Enumerate pecul INTRAGRATED WIT	tions, process anddisa			BI4.3 Explain the reg BI11.21 Demonstrate serum. PY8.2 Describe the s regulation and effect	estimation of glucose, crea synthesis, secretion, transp of altered (hypo and hype	oolism &associated disorders. tinine, urea andtotal protein in ort, physiological actions, r) secretion of pituitary gland, , pancreas and hypothalamus

	treatment of diseases with genetic basis. (SDL)			LUNCH			
Thursday 10/11/2022	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)	ECE – WITH RADIOLOGY AN25.8 Identify and describe in brief a bariun					BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.
Friday 11/11/2022	AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia	secretion, transport, physiological anaton actions, regulation and effect of skull,	.1 Demonstrate nical position of Identify and locate dual skull bones in		borders	ç	ofpleural reflection, lung &surface projection of valves
Saturday 12/11/2022	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	AN25.9 Demonstrate surface marking of li reflection, lung borders and fissures, trachea, heart borders, apex bea projection of valves of heart	_		BIOCHEMIST	REVESION CLAS	

				40 Week	s			
Days	8- 9AM	9- 11 AM	10- 11AM 11- 12AM 12- 1			12- 1PM 1- 2PM 2- 3P M		
Monday 14/11/2022	AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia	BI4.3 Explain the regulation oflipoprotein metabolism & associated disorders.	ANATOMY DH		LUNCH	LIMKER CLASS LIPII PROFILEPY4.4 Describe the physiology nutrients PY11.9 Interpret growth charts)	of
Tuesday 15/11/2022	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	HISTO REVISON		EMBRYO REVISION CLASS	CM4.3 Demonstrate and evaluation of health prom program. (Dr.Dheeraj S	notion and education
Wednesday 16/11/2022	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. (D)	AN75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome	OSTEO - E REVISION	MBRYO		BI7.2 Describe the processes involvedin replication & repair of DNA andthe transcription & translation mechanisms. (D)	ECE - BUFFERS BI11.21 Demonstrate est glucose, creatinine, urea protein in serum.	

Thursday 17/11/2022	PY3.5 Discuss the action of neuro- muscular blockingagents (D)	 ECE - SINUS & EPISTAXIS AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their bloodsupply and nerve supply AN37.3 Describe anatomical basis of sinusitis & maxillary sinus tumours 			ECE – PHYSIOLOGY ANSPY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index andexplain the importance of these in the diet BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.		
Friday 18/11/2022	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	AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	PY3.13 Describe muscular dystrophy: myopathies	AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalis capitis and splenius capitis	ANATOMY DH	
Saturday 19/11/2022	PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's Disease(D)	OSTEO - EMBR	YO REVISION CL	ASS TEST	LINKER O	N MI WITH G.M & PHYSIOLOGY	

			MUZAFFAF	RNAGAR MEDICA	AL COLLEGE M	UZAFFARNAGAR		
				2	41 Weeks			
Days	8- 9AM	9- 11 AM	10- 11AM	11- 12AM	12- 1PM	1- 2PM	2- 3PM	3- 4P M
Monday 21/11/2022	AN4.1	BI7.2			LUNCH	PY10.18	PY10.2	BI11.23 Calculate
	Describe different types of skin	Describe the processes involved in	DEMO OI	FOSTEO		Describe and discuss the physiological basis of lesion in	Describe and discuss the functions and properties of	energy content of different food Items, identify
	& dermatomesin body	replication & repair of DNA and the transcription & translation mechanisms.				Visual Pathway (D)	synapse, reflex, receptors (D)	food items with high and low glycemic index andexplain the importance of these in the diet BI11.24 Enumerateadvantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.
Tuesday 22/11/2022	BI5.1 Describe and discuss structural organizationof proteins.	AN7.8 Describe differences between sympatheticand spinal ganglia	PY10.6 Describe and discuss Spinal cord, its functions,lesion & sensory disturbances	AN64.2 Describe the developmentof neural tube, spinal cord, medulla oblongata,		Revision	CM8.7 Describe the pri information systems (Dr. Sangeeta Jain Shari	nciples of management of na)
				pons, midbrain, cerebral				
				hemisphere & cerebellum				

Wednesday 23/11/2022	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis. (D)		EMBRYOLOGY REVISION CLASS			PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction	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.	
Thursday 24/11/2022	PY11.5 Describe and discuss physiological consequences of sedentary lifestyle (D)	Remaining Classes AN62.2 Describe & poles, & functional	demonstrate surfa	, ,0,, ,		during exercise; physical trainin	PY5.12 e at rest and in different grades of	
Friday 25/11/2022	AN10.13 Explain anatomical basisof Injury to axillary nerve during intramuscular Injections AN16.2 Describeanatomical basisof sciatic nerve injury during gluteal intramuscular injections	PY11.11 Discuss the concept, criteria for diagnosis of Brain deathand its implications	AN44.7 Enumerate common Abdominal incisions	PY11.6 Describe physiology of Infancy	-	AN52.3 Describe & identify the microanatomical features of Cardio oesophageal junction, Corpus luteum	ANATOMY (DH)	
Saturday 26/11/2022	PY11.9 Interpret growth charts (D)	Enhyo Model				ECE – BIOCHEMISTRY TOPIC – GLUCOSE TOLERENCE TEST VERTICAL INTGRATT WITH MEDICINE BI11.17 Explain the basis and rationale of biochemical tests done in 1 following conditions: - diabetes mellitus, - dyslipidemia, - myocar infarction, - renal failure, gout, - proteinuria, - nephrotic syndrome edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance thyroid disorders.		

	MUZAFFARNAGAR MEDICAL COLLEGE MUZAFFARNAGAR							
Days	8- 9AM	9- 10 AM	10- 11AM	11- 12AM	42 Weeks 12- 1PM	1- 2PM	2- 3P M	3- 4PM
Monday 28/11/2022		I	1					
Tuesday 29/11/2022	- 3 rd TERMINAL EXAMINATIONS			LUNCH	3 rd TERMINAL EXAMINATIONS			
Wednesday 30/11/2022								
Thursday 01/12/2022								
Friday 02/12/2022								
Saturday 03/12/2022								
Monday 05/12/2022								
Tuesday 06/12/2022								
Wednesday 07/12/2022								

ORIENTATION	30 HOURS
SKILL AND ETHICS	75 HOURS
FIELD VISIT TO CUMMUNITY HEALTH CENTRE	08 HOURS
ENHANCEMENT OF LANGUAGE/COMPUTER SKILLS	40 HOURS
SPORTS AND EXTRACURRICULAR ACTIVITIES (AFTER COMPUTER AND LANGUAAGE CLASSES 04:05 PM)	22 HOURS
TOTAL HOURS	175 HOURS

	06 HOURS
	TUESDAY 03 RD WEEK 01:00 PM TO 03:00 PM
INTRODUCTION PANDEMIC MODULE	FRIDAY 19 TH WEEK 02:00 PM TO 04:00 PM
	FRIDAY 20 TH WEEK 02:00 PM TO 04:00 PM

FOUNDATION COURSE

DEPARTMENT	ECE	Hours
ANATOMY	15	45
BIOCHEMISTRY	13	33
PHYSIOLOGY	08	30

LINKER CLASS	12

ANATOMY

	NO OF SESSIONS	HOURS
LECTURE	220	220
DH	151	302
DEMO	113	113
SDL	40	40
To	675	

BIOCHEMISTRY

	NO OF SESSIONS	HOURS
LECTURE	112	112
	70	110
PRACTICAL	59	118
DEMO	50	50
DEMO	50	50
SDL	22	22
502		
T	302	

PHYSIOLOGY

	NO OF SESSIONS	HOURS
LECTURE	160	160
	115	220
PRACTICAL	115	230
DEMO	92	92
SDL	25	25
Т	507	

Note : In case of the holiday the time table will be adjusted by the stakeholder department.