



## SARASWATHI INSTITUTE OF MEDICAL SCIENCES - Curriculum (PHASE II)(Batch-2023)

Day	Competency No.	8AM to 9 AM	Mode of teaching	9 AM to 12 Noon	Competency No.	12 Noon to 1 PM	Mode of teaching	1 PM to 2 PM	Competency No.	2 PM 4 PM	Mode of teaching
Day-1	PH 1.1	Define and describe the principles of Pharmacology and Pharmacotherapeutics.	Lecture	Clinic / Procedural Skills	MI 1.1	Describe the different causative diseases+A208, the methods of	Lecture	LUNCH	PA	Microscope	DOAP
Day-2	FA & REFLECTION			Clinic	MI1.1	Describe the different causative diseases+A208, the methods of the role of microbes in health	Lecture	LUNCH	PA	Histotechniques	DOAP
Day-3	MI 1.1	Describe the different causative agents of Infectious diseases+A208, the methods used in their detection, and discuss the role of microbes in health and disease ,	Lecture	Clinic	PH 1.2	Describe the basis of Evidence	Lecture	LUNCH	PH2.2	Prepare oral rehydration solution from ORS packet and explain its use	DOAP SESSIONS
Day-4	SU1.1	Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators.	Lecture	Clinic	PA1.1 ,PA1.2, PA1.3	Describe the role of patholog	Departmental Orientation (Lecture)	LUNCH	MI 1.2	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy	DOAP
Day-5	PA4.1	(a) Define and describe the general features of acute and chronic inflammation VI General Surgery	Lecture	Clinic	FM1.1 & 1.2	Demonstrate knowledge of ba	Lecture (SG)	LUNCH	AETCOM 2.1	The foundations of Communications-II	SGD

Day-6	IM26.1	Enumerate and describe professional qualities and roles of a physician	Small Group discussion	PANDEMIC 2.1, MI, Infection Control Practices-Part II, LECTURE & SGD	CM 3.1	Describe the health hazards of	SDL	LUNCH	PH2.1	Demonstrate understanding of the use of various dosage forms (oral/local/parenteral; solid/liquid)	DOAP SESSIONS
Day-7	PH 1.3	Enumerate and identify Drug formulations and Drug delivery systems	Lecture	Clinic / Procedural Skills	MI 1.1	Describe the different causative diseases+A208, the methods of the role of microbes in health	Lecture	LUNCH	PA	collection of blood	DOAP
Day-8	FA & REFLECTION			Clinic	MI 1.3	Describe the epidemiological	SGL	LUNCH	PA13.2	describe the role of anticoagulants in hematology	DOAP
Day-9	MI 1.3	Describe the epidemiological basis of common infectious diseases . VI WITH CM	Lecture	Clinic	PH 1.4	Describe absorption, distribu	Lecture	LUNCH	PH 2.4	Demonstrate the correct method of calculation of drug dosage in patients including those used in special situations	Small group discussion
Day-10	PA4.1	Describe the vascular and cellular events of acute inflammation VI General Surgery	Lecture	Clinic	FM 1.3,1.4	Describe legal procedures including Court, Sessions court, Magistrate Court, Executive Magistrate C	Lecture	LUNCH	AETCOM 2.1	The foundations of Communications-II	SGD
Day-11	IM26.2	Describe and discuss the commitment to lifelong learning as an important part of physician growth	Small Group discussion	PANDEMIC 2.1, MI, Infection Control Practices-Part II, VISIT TO ISOLATION WARD FOLLOWED BY CLOSURE	CM 3.2	Describe concepts of safe and	Tutorial	LUNCH	PH 2.3-	Demonstrate the appropriate setting up of an intravenous drip in a simulated environment	DOAP SESSIONS
Day-12	PH 1.5-	Describe general principles of mechanism of drug action.	Lecture	Clinic / Procedural Skills	MI 1.3	Describe the epidemiological	Lecture	LUNCH	PA2.5, PA2.7	describe and discuss pathological calcification, gangrene. Describe and discuss the mechanisms of cellular ageing	SDL

Day-13	FA & REFLECTION			Clinic	MI 1.3-	Describe the epidemiological	Lecture	LUNCH	PA	Fatty Liver Gross & Microscopy	DOAP
Day-14	MI 1.3	Describe the epidemiological basis of common infectious diseases ,	Lecture	Clinic	PH 1.6	Describe principles of Pharma	Lecture	LUNCH	PH 3.2	Perform and interpret a critical appraisal (audit) of a given prescription	SKILL LAB
Day-15	SU1.2	Describe the factors that affect the metabolic response to injury.	Lecture	Clinic	PA 2.1, PA2.6 PA2.3	demonstrate knowledge of th	Lecture	LUNCH	MI 1.2	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy ,	DOAP
Day-16	PA4.2	Enumerate and describe the mediators of acute inflammation VI General Surgery	Lecture	Clinic	FM 1.6,1.7 & 1.8	Describe Offenses in Court in circulars/standing orders relating to Courts/Government authorities	Lecture (SG)	LUNCH	AETCOM 2.1	The foundations of Communications-II	SKILL LAB & Closure
Day-17	IM26.6	Describe and discuss the role of a physician in health care system	Small Group discussion	SPORTS & ECA	CM 3.3	Describe the aetiology and ba	Seminar	LUNCH	PH 3.1-	Write a rational, correct and legible generic prescription for a given condition and communicate the same to the patient	SKILL STATION
Day-18	PH 1.7-	Define, identify and describe the management of Adverse drug reactions (ADRs).	Lecture	Clinic / Procedural Skills	MI 1.4	Classify and describe the different types of disinfection. Discuss the application of disinfection in laboratory, in clinical and surgical settings	Lecture	LUNCH	PA2.8	(a) Identify and describe gross and microscopic of different types of Necrosis	DOAP

Day-19	FA & REFLECTION			Clinic	MI 1.4	Classify and describe the different methods of sterilization and disinfection. Discuss the application of the different methods in the laboratory, in clinical and surgical practice , Lecture	Lecture	LUNCH	PA2.8	(b) Identify and describe gross feature of gangrene in various specimen	DOAP
Day-20	MI 1.4	Classify and describe the different methods of sterilization and disinfection. Discuss the application of the different methods in the laboratory, in clinical and surgical practice , Lecture	SDL	Clinic	PH1.8	Identify and describe the major causes of drug reactions	Lecture	LUNCH	PH 3.4	To recognize and report an adverse drug reaction	SKILL STATION
Day-21	SU1.3	Describe basic concepts of perioperative care.	Lecture	Clinic	PA2.2	Describe the etiology of cell injury	Lecture	LUNCH	MI 1.2	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy,	DOAP
Day-22	PA2.7	Describe and discuss the mechanisms of apoptosis	Lecture	Clinic	FM 1.5	Describe Court procedures in Moot court	Moot court	LUNCH	AETCOM 2.2	Foundation of Bioethics	LGD
Day-23	IM23.1	Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses	Small Group discussion	SPORTS & ECA	CM 3.4	Describe the concept of solid solution	Lecture	LUNCH	PH 3.3-	Perform a critical evaluation of the drug promotional literature	SKILL LAB
Day-24	FA & REFLECTION			Clinic	MI 1.5	Choose the most appropriate disinfection to be used in specific situations	Lecture	LUNCH	PA4.4	Identify and describe acute inflammation in microscopic specimens	DOAP

Day-25	MI 1.5	Choose the most appropriate method of sterilization and disinfection to be used in specific situations in the laboratory, in clinical and surgical practice ,	Lecture	Clinic	PH1.10	Describe parts of a correct, co	Lecture	LUNCH	PH 3.6	Demonstrate how to optimize interaction with pharmaceutical representative to get authentic information on drugs	SKILL STATION
Day-26	SU2.1	Describe Pathophysiology of shock, types of shock & principles of resuscitation including fluid replacement and monitoring.	Small group discussion	Clinic	PA2.4	Describe and discuss cell dea	Lecture	LUNCH	MI 1.2	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy,	DOAP
Day-27	IM23.1	Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses	Small Group discussion	PANDEMIC 2.3, MI, Diagnostic tools, LECTURE, SAMPLE COLLECTION DEMO & VISIT TO LAB	CM 3.5	Describe the standards of hou	SDL	LUNCH	PH 3.5	To prepare and explain a list of P-drugs for a given case/condition	SKILL STATION
Day-28	PH1.9	Describe nomenclature of drugs i.e. generic, branded drugs.	Lecture	Clinic / Procedural Skills	MI 1.4	Classify and describe the diffi	Lecture	LUNCH	PA4.4	Identify and describe acute inflammation in gross specimens	DOAP
Day-29	FA & REFLECTION			Clinic	MI 1.5-	Choose the most appropriate disinfection to be used in spe	Lecture	LUNCH	PA4.4	Identify and describe chronic inflammation in microscopic specimens	DOAP
Day-30	MI 1.6	Describe the mechanisms of drug resistance, and the methods of antimicrobial susceptibility testing and monitoring of antimicrobial therapy	SDL	Clinic	PH 1.12-	Calculate the dosage of drugs	Lecture	LUNCH	PH 3.8	Communicate effectively with a patient on the proper use of prescribed medication	SKILL LAB
Day-31	SU2.2	Describe the clinical features of shock and its appropriate treatment	Small group discussion	Clinic	PA4.3	Define and describe chronic i	Lecture	LUNCH	MI 1.2	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy,	DOAP
Day-32	PA 5.1	Define and describe the process of repair and regeneration including wound heaing and its types VI General Surgery	Lecture	Clinic	FM2.1, 2.2 & 2.3	Define, describe and discuss d	Lecture	LUNCH	AETCOM 2.3	Health care as right	Seminar

Day-33	IM23.2	Discuss and describe the causes and consequences of protein caloric malnutrition in the hospital	Lecture	PANDEMIC 2.3, MI , Diagnostic tools, SGD FOLLOWED BY CLOSURE	CM 3.6	Describe the role of vectors in	Lecture	LUNCH	PH 3.7	they pertain to consent for surgical procedures	SKILL STATION
Day-34	PH1.11	Describe various routes of drug administration, eg., Oral, SC, IV, IM, SL	Lecture	Clinic / Procedural Skills	MI 1.5	Choose the most appropriate disinfection to be used in spe	Lecture	LUNCH	PA4.4	(c)Identify and describe chronic inflammation in gross specimens	DOAP
Day-35	FA & REFLECTION			Clinic	MI 1.6	Describe the mechanisms of antimicrobial susceptibility te	SGL	LUNCH	PA23.1	describe the abnormal urinary finding in disease states and identify and describe common urinary abnormalities in a clinical specimen	DOAP
Day-36	SU2.3	Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care	DOAP	Clinic	PA 5.1	Define and describe the proc	Lecture	LUNCH	MI 6.2	Identify the common etiologic agents of upper respiratory tract infections (Gram Stain)	OSPE
Day-37	PA6.1	Define and describe edema, its types, pathogenesis and clinical correlations PA6.2 Define and describe hyperemia, congestion, hemorrhage VI General Medicine	Lecture	Clinic	FM 2.4	Describe salient features of th	Lecture	LUNCH	AETCOM 2.4	Working in a health care team	HOSPITAL VISIT
Day-38	IM23.3	Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	Lecture	SPORTS & ECA	CM 3.8	Describe the mode of action,	SDL	LUNCH	PH 4.2	Demonstrate the effects of drugs on blood pressure (vasopressor and vaso-depressors with appropriate blockers) using computer aided learning	Small group discussion
Day-39	PH1.13	Describe mechanism of action, types, doses, side effects, indications and contraindications of adrenergic and anti-adrenergic drugs.	Lecture	Clinic / Procedural Skills	MI 1.6	Describe the mechanisms of antimicrobial susceptibility te	Lecture	LUNCH	PA7.1	Define and classify neoplasia. Describe the characteristics of neoplasia including gross, microscopy, biologic, behaviour and spread. Differentiate between benign from malignant neoplasms	SGD
Day-40	FA & REFLECTION			Clinic	MI 1.6	Describe the mechanisms of antimicrobial susceptibility te	Lecture	LUNCH	PA23.1	describe the abnormal urinary finding in disease states and identify and describe common urinary abnormalities in a	SDL

Day-41	SU2.3	Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care	DOAP	Clinic	PA7.2	Describe the molecular basis	Lecture	LUNCH	MI 6.2	Identify the common etiologic agents of upper respiratory tract infections (Gram Stain), DOAP	OSPE
Day-42	PA6.3	Define and describe shock, its pathogenesis and its stages General Surgery VI	Lecture	Clinic	FM 2.5,2.6&2.7	Discuss moment of death, mo	Lecture	LUNCH	AETCOM 2.4	Working in a health care team	HOSPITAL VISIT
Day-43	IM23.3	Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	Lecture	SPORTS & ECA	CM 4.1	Describe various methods of	Lecture	LUNCH	PH 5.2	Communicate with the patient regarding optimal use of a) drug therapy, b) devices and c) storage of medicines	Small group discussion
Day-44	PH1.4	Describe mechanism of action, types, doses, side effects, indications and contraindications of Cholinergic and Anti-Cholinergic drugs	Lecture	Clinic / Procedural Skills	MI 1.6	Describe the mechanisms of antimicrobial susceptibility te	Lecture	LUNCH	PA23.1	describe the abnormal urinary finding in disease states and identify and describe common urinary abnormalities in a clinical specimen	DOAP
Day-45	FA & REFLECTION			Clinic	MI 1.7	Describe the immunological	Lecture	LUNCH	A23.1	describe the abnormal urinary finding in disease states and identify and describe common urinary abnormalities in a clinical specimen	DOAP
Day-46	MI 1.6	Describe the mechanisms of drug resistance, and the methods of antimicrobial susceptibility testing and monitoring of antimicrobial therapy, Lecture	SDL	Clinic	PH1.13	Describe mechanism of action	Lecture	LUNCH	PH 4.1	Administer drugs through various routes in a simulated environment using mannequins	SKILL LAB
Day-47	SU3.1	Describe the Indications and appropriate use of blood and blood products and complications of blood transfusion.	Small group discussion	Clinic	PA7.3	Enumerate carcinogens and d	Lecture	LUNCH	MI 6.3	Identify the common etiologic agents of lower respiratory tract infections (Gram Stain & Acid fast stain),	DOAP, SGD
Day-48	PA6.4	Define and describe normal haemostasis and the etiopathogenesis and consequences of thrombosis	Lecture	Clinic	FM2.8	Describe and discuss postmor	Lecture	LUNCH	AETCOM 2.4	Working in a health care team	SGD

Day-49	OG1.1	Define and discuss birth rate, maternal mortality and morbidity		PANDEMIC 2.4, CM , Vaccination strategies, SGD	CM 4.2	Describe the methods of organ	SDL	LUNCH	PH 5.4	Explain to the patient the relationship between cost of treatment and patient compliance	Small group discussion
Day-50	PH1.43	Describe and discuss the rational use of antimicrobials including antibiotic stewardship program. ↑ Gen Med, Ped, → Microbiology	Lecture	Clinic / Procedural Skills	MI 1.8	Describe the mechanisms of immune system to infections,	Lecture	LUNCH	PA23.1	describe the abnormal urinary finding in disease states and identify and describe common urinary abnormalities in a clinical specimen	DOAP
Day-51	FA & REFLECTION			Clinic	MI 1.8	Describe the mechanisms of immune system to infections	Lecture	LUNCH	PA6.7	Identify and describe the gross and microscopic features of infarction in a pathologic specimen	DOAP
Day-52	MI 1.6	Describe the mechanisms of drug resistance, and the methods of antimicrobial susceptibility testing and monitoring of antimicrobial therapy,	Lecture	Clinic	PH1.14	Describe mechanism of action	Lecture	LUNCH	PH 5.1	Communicate with the patient with empathy and ethics on all aspects of drug use	Small group discussion
Day-53	IM23.3	Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	Lecture	Clinic	PA7.4	Describe the effects of tumor	Lecture	LUNCH	MI 6.3	Identify the common etiologic agents of lower respiratory tract infections (Gram Stain & Acid fast stain) ,	SGD, OSPE
Day-54	PA6.6	Define and describe Ischaemia/infarction its types, etiologymorphologic changes and clinical effects	Lecture	Clinic	FM2.8	Describe and discuss postmor	Lecture	LUNCH	PANDEMIC 2.2, CM	Emergence and Re-emergence of microbes	LECTURE (1 HR) & SGD (SGD)



Day-55	OG1.2	Define and discuss perinatal mortality and morbidity including perinatal and neonatal mortality and morbidity audit		PANDEMIC 2.4, CM , Vaccination strategies, CHC VISIT FOLLOWED BY CLOSURE	CM 4.3	Demonstrate the steps in eval	SDL	LUNCH	PH5.7	Demonstrate an understanding of the legal and ethical aspects of prescribing drugs. →Forensic Medicine.	Small group discussion
Day-56	PH1.49	Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drugs	Lecture	Clinic / Procedural Skills	MI 1.9-	Discuss the immunological ba Universal Immunisation sched	Lecture	LUNCH	PA12.1	Enumerate and describe the pathogenesis of disorders caused by air pollution, tobacco and alcohol	SGD
Day-57	FA & REFLECTION			Clinic	MI 1.9-	Discuss the immunological ba Universal Immunisation sched	Lecture	LUNCH	PA12.2, PA12.3	Describe the pathogenesis of disorders caused by protein calorie malnutrition and starvation Describe the pathogenesis of obesity and its consequences	SGD
Day-58	MI 1.8	Describe the mechanisms of immunity and response of the host immune system to infections ,	Lecture	Clinic	PH1.42	Describe general principles of	Lecture	LUNCH	PH 5.3	Motivate patients with chronic diseases to adhere to the prescribed management by the health care provider	Small group discussion
Day-59	IM23.4	Enumerate the indications for enteral and parenteral nutrition in critically ill patients	Lecture	Clinic	PA7.5	Describe immunology and th	Lecture	LUNCH	MI 3.2	Identify the common etiologic agents of diarrhea and dysentery ,	SGD
Day-60	OG1.3	Define and discuss still birth and abortion		SPORTS & ECA	CM 5.1	Describe the common sources	Seminar	LUNCH	PH 5.7	Demonstrate an understanding of the legal and ethical aspects of prescribing drugs	Small group discussion

Day-61	PH1.50	Describe mechanisms of action, types, doses, side effects, indications and contraindications of immunomodulators and management of organ transplant rejection	Lecture	Clinic / Procedural Skills	MI 1.9	Discuss the immunological basis of Universal Immunisation schedule	Lecture	LUNCH	PA3.2	Identify and describe amyloidosis in a pathology specimen	SGD
Day-62	FA & REFLECTION			Clinic	MI 1.9	Discuss the immunological basis of Universal Immunisation schedule	Lecture	LUNCH	PA8.3	Observe a diagnostic cytology and its staining and interpret the specimen	DOAP
Day-63	MI 1.8	Describe the mechanisms of immunity and response of the host immune system to infections ,	Lecture	Clinic	PH1.54	Describe vaccines and their uses	Lecture	LUNCH	PH 5.5	Demonstrate an understanding of the caution in prescribing drugs likely to produce dependence and recommend the line of management	Small group discussion
Day-64	IM23.5	Counsel and communicate to patients in a simulated environment with illness on an appropriate balanced diet	DOAP	Clinic	PA3.1	Describe the pathogenesis and clinical features of diarrhoea and dysentery	Lecture	LUNCH	MI 3.2	Identify the common etiologic agents of diarrhea and dysentery,	SGD
Day-65	PA6.5	Define and describe embolism and its causes and common types	Lecture	Clinic	FM 2.9	Describe putrefaction, mummification and autolysis	Lecture	LUNCH	PANDEMIC 2.2, CM	Emergence and Re-emergence of microbes	SGD
Day-66	OG2.1	Describe and discuss the development and anatomy of the female reproductive tract, relationship to other pelvic organs, applied anatomy as related to Obstetrics and Gynaecology.		SPORTS & ECA	CM 5.2	Describe the correct method of sterilization of instruments	Tutorial	LUNCH	MI3.6 , CM3.8	Describe the etio-pathogenesis of Acid Peptic Disease (APD) and the clinical course. ↑Gen Med, →Pharmacology, Pathology. Discuss the diagnosis and management of the causative agent of APD. Describe the mode of action & application cycle of commonly used insecticides and rodenticides. ↑Pharmacology.	Small group discussion

Day-67	PH1.61	Describe and discuss dietary supplements and nutraceuticals	Lecture	Clinic / Procedural Skills	MI 1.10	Describe the immunological n (hypersensitivity, autoimmune states) and discuss the labora	Lecture	LUNCH	PA13.1, PA13.3 , PA13.4	Describe hematopoiesis and extramedullary hematopoiesisDefine and classify anemia Enumerate and describe the investigation of anemia	DOAP
Day-68	FA & REFLECTION			Clinic	MI 1.10	Describe the immunological n (hypersensitivity, autoimmune states) and discuss the labora	Lecture	LUNCH	PA	Bone marrow Aspiration and biopsy	DOAP
Day-69	IM23.5	Counsel and communicate to patients in a simulated environment with illness on an appropriate balanced diet	DOAP	Clinic	PA9.1	Describe the principles and n	Lecture	LUNCH	MI 8.9	Discuss the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing infectious diseases	SGD
Day-70	PA8.1	Describe the diagnostic role of cytology and its application in clinical care PA8.2 Describe the basis of exfoliative cytology including the technique & stains used VI General Surgery	Lecture	Clinic	Fm2.10	Discuss estimation of time sin	Lecture	LUNCH	PANDE MIC 2.2, CM	Emergence and Re-emergence of microbes	CASE STUDY
Day-71	OG3.1	OG3.1 Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis.		FA & REFLECTION	CM 5.4	Plan and recommend a suitab	Tutorial	LUNCH	CM19.3, FM4.11	Describe counterfeit medicine and its prevention. →Pharmacology. Describe and discuss euthanasia. →Pharmacology. ↑AETCOM.	Small group discussion
Day-72	PH1.48	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV. →Microbiology	Lecture	Clinic / Procedural Skills	MI 1.11	Describe the immunological n tumor immunity,	Lecture	LUNCH	PA14.1 , PA14.2	Describe iron metabolism Describe the etiology, investigations and differential diagnosis of microcytic hypochromic anemia	SGL
Day-73	FA & REFLECTION			Clinic	MI 1.11	Describe the immunological n tumor immunity,	Lecture	LUNCH	PA14.3	Identify and describe the peripheral smear in microcytic anemia	DOAP

Day-74	MI 1.9	Discuss the immunological basis of vaccines and describe the Universal Immunisation schedule,	SDL	Clinic	PH1.49	Describe mechanism of action	Lecture	LUNCH	PH 5.6	Demonstrate ability to educate public & patients about various aspects of drug use including drug dependence and OTC drugs	Small group discussion
Day-75	IM9.1	Define, describe and classify anemia based on red blood cell size and reticulocyte count	Small Group discussion	Clinic	PA9.2	Describe the mechanism of h	Lecture	LUNCH	MI 8.9	Discuss the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing infectious diseases,	SGD
Day-76	PA11.2	Describe the pathogenesis and pathology of tumor and tumourlike conditions in infancy and childhood VI Pediatrics	Lecture	Clinic	Fm2.11 & 2.12	Describe and discuss autopsy	SDL	LUNCH	CM 5.3	Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A).	small group discussion
Day-77	OG4.1	Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development, anatomy and physiology of placenta, and teratogenesis		PANDEMIC 2.5, PH, Therapeutic strategies, LECTURE & SGD	CM 5.6	Enumerate and discuss the N	Lecture	LUNCH	FM4.22- FM4.23	Explain Oath – Hippocrates, Charaka and Sushruta and procedure for administration of Oath. →Pharmacology, ↑AETCOM. Describe the modified Declaration of Geneva and its relevance. →Pharmacology, ↑AETCOM.	Small group discussion
Day-78	PH1.62	Describe and discuss antiseptics and disinfectants	Lecture	Clinic / Procedural Skills	MI 8.1-	Enumerate the microbial agents diseases. Describe the morph	Lecture	LUNCH	PA15.1	Describe the metabolism of Vitamin B12 and the etiology and pathogenesis of B12 deficiency	SDL

Day-79	FA & REFLECTION			Clinic	MI 8.1	Enumerate the microbial age diseases. Describe the morph pathogenesis and discuss the	Lecture	LUNCH	PA15.2	Describe laboratory investigations of macrocytic anemia PA15 4 Enumerate the differences and describe the etiology and distinguishing features of megaloblastic and non-megaloblastic macrocytic anemia	SGD
Day-80	MI 1.10	Describe the immunological mechanisms in immunological disorder (hypersensitivity, autoimmune disorders and immunodeficiency states) and discuss the laboratory methods used in detection.	Lecture	Clinic	PH1.48	Describe the mechanisms of a	Lecture	LUNCH	CM19.1 , CM19.2	Define and describe the concept of Essential Medicine List (EML). →Pharmacology. Describe roles of essential medicine in primary health care. →Pharmacology.	Small group discussion
Day-81	IM9.2	Describe and discuss the morphological characteristics, aetiology and prevalence of each of the causes of anemia	Small Group discussion	Clinic	PA9.3	Describe the HLA System and	Lecture	LUNCH	MI 8.6	Describe the basics of Infection control,	SGD
Day-82	PA11.3	Describe the pathogenesis of common storage disorders in infancy and  VI Pediatrics	Lecture	Clinic	FM 2.13, 2.14,	Describe and discuss obscure	SDL	LUNCH	CM 5.5	Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of sociocultural factors.	SDL
Day-83	OG6.1	Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.		PANDEMIC 2.5, PH, Therapeutic strategies, VISIT TO PHARMACY FOLLOWED BY CLOSURE	CM 5.8	Describe and discuss the impo	Tutorial	LUNCH	FM4.27 - FM8.1	Describe and discuss Ethical Guidelines for Biomedical Research on Human Subjects & Animals. →Pharmacology, ↑AETCOM. Describe the history of Toxicology. ↑Pharmacology.	SDL

Day-84	PH1.48	Describe the mechanism of action, types, doses, side effects, indications and contraindications of the drugs used in UTI/ STD and viral diseases including HIV. →Microbiology	Lecture	Clinic / Procedural Skills	MI 8.2	Describe the etio-pathogenesis discuss the factors contributing to laboratory diagnosis,	Lecture	LUNCH	PA15.3	Identify and describe the peripheral blood picture of macrocytic anemia	DOAP
Day-85	FA & REFLECTION			Clinic	MI 8.3	Describe the role of oncogenes associated malignancy,	Lecture	LUNCH	PA16.3	(a) Describe the pathogenesis, features, hematologic indices and peripheral blood picture of thalassemia	SGD
Day-86	MI 1.11	Describe the immunological mechanisms of transplantation and tumor immunity ,	SDL	Clinic	PH1.51	Describe occupational and environmental health hazards,	Lecture	LUNCH	FM4.12- FM4.17	Discuss legal and ethical issues in relation to stem cell research. →Pharmacology, ↑AETCOM. Describe and discuss ethical Principles: Respect for autonomy, non-maleficence, beneficence & justice. →Pharmacology, ↑AETCOM.	Small group discussion
Day-87	IM9.7	Describe and discuss the meaning and utility of various components of the hemogram	Small Group discussion	Clinic	PA9.4, PA9.7	Define autoimmunity. Enumerate the types of autoimmune diseases,	Lecture	LUNCH	MI 8.6	Describe the basics of Infection control	OSPE
Day-88	PA11.1	Describe the pathogenesis and features of common cytogenetic abnormalities and mutations in childhood VI Pediatrics	Lecture	Clinic	FM2.16, 2.17, 2.18	Describe and discuss examination & responsibilities of doctors of sequence of events after cardiac arrest	SDL	LUNCH	CM 5.7	Describe Food Hygiene	Tutorial

Day-89	OG7.1	Describe and discuss the changes in the genital tract, cardiovascular system, respiratory, haematology, renal and gastrointestinal system in pregnancy		SPORTS & ECA	CM 6.2	Describe and discuss the principles of forensic toxicology	Lecture	LUNCH	FM8.4 - FM 8.5	Describe the Laws in relations to poisons including NDPS Act, Medico-legal aspects of poisons. ↑Pharmacology. Describe Medico-legal autopsy in cases of poisoning including preservation and dispatch of viscera for chemical analysis. ↑Pharmacology.	Small group discussion
Day-90	PH1.45	Describe the drugs used in MDR and XDR Tuberculosis. ↑Resp Med, →Micro.	Lecture	Clinic / Procedural Skills	MI 8.2-	Describe the etio-pathogenesis of TB and discuss the factors contributing to laboratory diagnosis,	Lecture	LUNCH	PA16.6	Prepare a peripheral blood smear and identify hemolytic anaemia from it	SDL
Day-91	FA & REFLECTION			Clinic	MI 8.4	Describe the etiologic agents of aplastic anemia. Discuss the clinical course and laboratory diagnosis.	Lecture	LUNCH	PA 17.1, PA17.2	Enumerate the etiology, pathogenesis and findings in aplastic anemia. Enumerate the indications and describe the findings in bone marrow aspiration and biopsy	DOAP
Day-92	MI 8.1	Enumerate the microbial agents and their vectors causing Zoonotic diseases. Describe the morphology, mode of transmission, pathogenesis and discuss the clinical course laboratory diagnosis and prevention ,	Lecture	Clinic	PH1.47	Describe the mechanism of action of antimicrobials	Lecture	LUNCH	FM4.22- FM4.23	Clinical research & Ethics: Discuss human experimentation including clinical trials. →Pharmacology, ↑AETCOM. Discuss the constitution and functions of ethical committees. →Pharmacology, ↑AETCOM.	Small group discussion
Day-93	OG9.3	Discuss the aetiology, clinical features, differential diagnosis of acute abdomen in early pregnancy (with a focus on ectopic pregnancy) and enumerate the principles of medical and surgical management		Clinic	PA9.5, PA9.7	Define and describe the pathogenesis of acute abdomen	Lecture	LUNCH	MI 8.6	Describe the basics of infection control,	OSPE

Day-94	PA16.1	Define and classify hemolytic anemia PA16.2 Describe the pathogenesis and clinical features and hematologic indices of  VI General Medicine & Biochemistry	Lecture	Clinic	FM2.19	Investigation of anaesthetic, d	Lecture	LUNCH	CM 6.1	Formulate a research question for a study	SDL
Day-95	SU3.3	Counsel patients and family/ friends for blood transfusion and blood donation.	DOAP	SPORTS & ECA	CM 6.4	Enumerate, discuss and dem	Lecture	LUNCH	FM8.8- FM 9.1	Describe basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination. ↑Pharmacology, ↑GEN MED. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Caustics Inorganic – sulphuric, nitric, and hydrochloric acid Organic- Carbolic Acid (phenol), Oxalic and acetylsalicylic acids. ↑Pharmacology, ↑GEN MED.	DOAP SESSIONS
Day-96	PH1.57	Describe drugs used in Skin disorders. ↑Skin & VD	Lecture	Clinic / Procedural Skills	MI 8.4	Describe the etiologic agents Discuss the clinical course and	Lecture	LUNCH	PA16.4	Describe the etiology pathogenesis, hematologic indices and peripheral blood picture of Acquired hemolytic anemia	SDL
Day-97	FA & REFLECTION			Clinic	MI 8.5	Define Healthcare Associated types. Discuss the factors that	SGL	LUNCH	PA27.2	Describe the etiology, dynamics, pathology types and complications of aneurysms including aortic aneurysms	SGL



Day-98	MI 8.2	Describe the etiopathogenesis of opportunistic infections (OI) and discuss the factors contributing to the occurrence of OI, and the laboratory diagnosis ,	SDL	Clinic	PH1.44	Describe the first line Antitub	Lecture	LUNCH	FM8.2- FM8.3	Define the terms Toxicology, Forensic Toxicology, Clinical Toxicology and poison. ↑Pharmacology. Describe the various types of poisons, Toxicokinetics & Toxicodynamics and diagnosis of poisoning in living and dead. ↑Pharmacology.	Small group discussion
Day-99	OG9.5	Describe the etiopathology, impact on maternal and fetal health and principles of management of hyperemesis gravidarum		Clinic	PA 25.1, 25.2	Describe bilirubin metabolism hepatic failure and their clinical consequences.	SGL, CASE BASED LEARNING (Linker)	LUNCH	MI 8.7	Demonstrate Infection control practices and use of Personal Protective Equipments (PPE)	SGD
Day-100	PA 25.3	Describe the etiology and pathogenesis of viral and toxic hepatitis: distinguish the causes of hepatitis based on the clinical and laboratory features. Describe the pathology, complications and consequences of hepatitis VI MEDICINE	SGL, CASE BASED LEARNING (Linker)	Clinic	FM3.1	IDENTIFICATION Define and d	SDL	LUNCH	CM 6.3	Describe, discuss and demonstrate the application of elementary statistical methods including test of significance in various study designs	Small group discussion

Day-101	SUS.1	Describe normal wound healing and factors affecting healing.	Lecture	FA & REFLECTION	CM 7.2	Enumerate, describe and disc	Tutorial	LUNCH	FM9.4-FM 9.5	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ethanol, methanol, ethylene glycol. ↑Pharmacology, ↑GEN MED. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates, Organochlorines, Pyrethroids, Paraquat, Aluminium and Zinc phosphide. ↑Pharmacology, ↑GEN MED, →Pharmacology.	DOAP SESSIONS
Day-102	PH1.47	Describe the mechanisms of	Lecture	Clinic / Procedural Skills	MI 8.4	Describe the etiologic agents Discuss the clinical course and	Lecture	LUNCH	PA27.1	Distinguish arteriosclerosis from atherosclerosis. Describe the pathogenesis and pathology of various causes and types of arteriosclerosis	Lecture
Day-103	FA & REFLECTION			Clinic	MI 8.6	Describe the basics of Infecti	Lecture	LUNCH	PA27.8	Interpret abnormalities in cardiac function testing in acute coronary syndromes	DOAP

Day-104	MI 8.3-	Describe the role of oncogenic viruses in the evolution of virus associated malignancy,	Lecture	Clinic	PH1.46	Describe the mechanisms of a	Lecture	LUNCH	MI 8.6- FM 8	Describe the general symptoms, principles of diagnosis and management of common poisons encountered in India. ↑Pharmacology. Describe simple Bedside clinic tests to detect poison/drug in a patient's body fluids. ↑Pharmacology.	SDL
Day-105	OG10.2	Enumerate the indications and describe the appropriate use of blood and blood products, their complications and management		Clinic	PA27.3	Describe the etiology, types,	Lecture	LUNCH	MI 8.7	Demonstrate Infection control practices and use of Personal Protective Equipments (PPE) ,	SGD
Day-106	PA18.1	Enumerate and describe the causes of leucocytosis leucopenia lymphocytosis and leukemoid reactions	Lecture	Clinic	FM3.1	IDENTIFICATION Define and d	Lecture	LUNCH	CM 7.1	Define Epidemiology and describe and enumerate the principles, concepts and uses	Small group discussion
Day-107	SUS.2	Elicit, document and present a history in a patient presenting with wounds.	DOAP	FA & REFLECTION	CM 7.4	Define, calculate and interpre	SDL	LUNCH	DR8.7 DR 9.4	Enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies. ↑Pediatrics, →Pharmacology. Describe the pharmacology and action of antifungal (systemic and topical). Agents Enumerate side effects of antifungal therapy. →Pharmacology, Microbiology.	Small group discussion
Day-108	PH1.48	Describe the mechanisms of	Lecture	Clinic / Procedural Skills	MI 8.5	Define Healthcare Associated types. Discuss the factors that and the methods for preventi	Lecture	LUNCH	PA27.5	Describe the epidemiology, risk factors, etiology, pathophysiology, pathology, presentations, gross and microscopic features, diagnostic tests and complications of ischemic heart disease	SDL

Day-109	SU6.1	Define and describe the aetiology and pathogenesis of surgical Infections	Lecture	Clinic	MI 8.6-	Describe the basics of Infectio	Lecture	LUNCH	PA19.5	identify and describe and discuss the features of Hodgkin's lymphomamin a gross and microscopic specimen	DOAP
Day-110	MI 8.4	Describe the etiologic agents of emerging Infectious diseases. Discuss the clinical course and diagnosis,	SDL	Clinic	PH1.55	Describe and discuss the follo	Lecture	LUNCH	FM9.2, FM 9.3	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Phosphorus, Iodine, Barium. ↑Pharmacology, ↑GEN MED. Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Arsenic, lead, mercury, copper, iron, cadmium and thallium. ↑Pharmacology, ↑GEN MED.	SDL
Day-111	OG17.1	Describe and discuss the physiology of lactation		Clinic	PA27.4	Describe the etiology, pathop	Lecture	LUNCH	MI 8.8	Describe the methods used and significance of assessing the microbial contamination of food, water and air,	SGD
Day-112	PA`18.2	Describe the etiology, genetics, pathogenesis classification, features, hematologic features of acute and chronic leukemia	Lecture	Clinic	FM3.2	IDENTIFICATION Describe and	SDL	LUNCH	CM 7.3	Enumerate, describe and discuss the sources of epidemiological data	Small group discussion

Day-113	SU5.3	Differentiate the various types of wounds, plan and observe management of wounds.	Small group discussion	SPORTS & ECA		Community Medicine		LUNCH	DR9.5 DR 9.6	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for various classes of leprosy based on National Guidelines. →Pharmacology, PSM, ↑Gen medicine. Describe the treatment of Leprosy based on WHO guidelines. →Pharmacology, PSM, ↑Gen medicine.	Small group discussion
Day-114	PH1.45	Describe the drugs used in M	Lecture	Clinic / Procedural Skills	MI 8.6-	Describe the basics of Infecti	Lecture	LUNCH	PA19.4	Describe and discuss the pathogenesis, pathology and the differentiating features of Hodgkin's and non-Hodgkin's lymphoma	SGD
Day-115	FA & REFLECTION			Clinic	MI 5.1	Describe the etiopathogenesis laboratory diagnosis of mening	Lecture	LUNCH	PA22.1	Classify and describe blood group systems (ABO and RH)	SGD
Day-116	OG17.2	Counsel in a simulated environment, care of the breast, importance and the technique of breast feeding		Clinic	PA27.6	ons of infective endocarditis	Lecture	LUNCH	MI 8.8	Describe the methods used and significance of assessing the microbial contamination of food, water and air ,	SGD
Day-117	PA19.1	Enumerate the causes and describe the differentiating features of lymphadenopathy PA19.2 Describe the pathogenesis and pathology of  VI General Surgery	Lecture	Clinic	FM2.20, 2.21	Mechanical asphyxia: Define, Describe and discuss different including clinical findings, cau and medico-legal aspects of d including examination, preser	Lecture	LUNCH	CM 7.5	Enumerate, define, describe and discuss epidemiological study designs	Small group discussion

Day-118	PH1.57	Describe drugs used in skin d	Lecture	Clinic / Procedural Skills	MI 5.1	Describe the etiopathogenesis laboratory diagnosis of mening	Lecture	LUNCH	PA19.6, PA 19.7	Enumerate and differentiate the causes of splenomegaly Identify and describe the gross specimen of an enlarged spleen	DOAP
Day-119	FA & REFLECTION			Clinic	MI 5.2	Describe the etiopathogenesis laboratory diagnosis of encep	Lecture	LUNCH	PA22.2, PA16.7	Enumerate the indications, describe the principles, enumerate and demonstrate the steps of compatibility testing Describe the correct technique to perform a cross match	SGD
Day-120	MI 8.5	Define Healthcare Associated Infections (HAI) and enumerate the types. Discuss the factors that contribute to the development of HAI and the methods for prevention,	Lecture	Clinic	PH1.47	Describe the mechanisms of a	Lecture	LUNCH	FM9.6 - FM 10.1	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Ammonia, carbon monoxide, hydrogen cyanide & derivatives, methyl isocyanate, tear (riot control) gases. ↑Pharmacology, ↑GEN MED. Describe General Principles and basic methodologies in treatment of poisoning: decontamination,	DOAP SESSIONS
Day-121	OG17.3	Describe and discuss the clinical features, diagnosis and management of mastitis and breast abscess		Clinic		Pathology	Lecture	LUNCH	MI 8.11	Demonstrate respect for patient s p p amples sent to the laboratory for performance of laboratory tests in the detection of microbial agents causing Infectious	SGD

Day-122	PA 19.3	Identify and describe the features of tuberculous lymphadenitis in gross and microscopic specimen	Lecture	Clinic	FM2.21, 2.22	Mechanical asphyxia: Describe and discuss patho-pl obstruction of nose & mouth,	Lecture	LUNCH	CM 7.8	Describe the kprinciples of association, causation and biases in epidemiological studies	Lecture
Day-123	SU5.4	Discuss medico legal aspects of wounds	Small group discussion	Skill Lab	CM 7.9	Describe and demonstrate the	Tutorial	LUNCH	DR9.7	Enumerate and describe the complications of leprosy and its management, including understanding disability and stigma. →Pharmacology, Psychiatry, ↑Gen medicine.	Small group discussion
Day-124	PH1.26	Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs modulating the renin- angiotensin and aldosterone system ↑ Physiology , General Medicine	Lecture	Clinic / Procedural Skills	MI 6.1	Describe the etio-pathogenesis of Infections of upper and low	Lecture	LUNCH	PA24.3	Describe and identify the microscopic features of peptic ulcer VI General Medicine	DOAP
Day-125	FA & REFLECTION			Clinic	MI 6.1-	Describe the etio-pathogenesis of Infections of upper and low	SGL	LUNCH	PA25.1	Describe bilirubin metabolism, enumerate the etiology and pathogenesis of jaundice, distinguish between direct and indirect hyperbilirubinemia VI General Medicineand Biochemistry	SDL

Day-126	MI 5.1-	Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of meningitis	SDL	Clinic	PH1.46	Describe the mechanisms of a	Lecture	LUNCH	DR 10.3	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis. →Pharmacology, Microbiology, ↑Gen medicine.	Small group discussion
Day-127	OG18.2	Demonstrate the steps of neonatal resuscitation in a simulated		Clinic	PA27.10	Describe the etiology, pathop	Lecture	LUNCH	MI 8.12	Discuss confidentiality pertaining to patient identity in laboratory results ,	SGD
Day-128	PA 21.3	Differentiate platelet from clotting disorders based on the clinical and hematologic features PA 21.4,5 Define and describe DIC, its lab findings and diagnosis of Vitamin K deficiency VI General Medicine	Lecture	Clinic	FM2.24	Thermal deaths: Describe the	Lecture	LUNCH	CM 8.3	Enumerate and describe disease specific National Health Programs including their prevention and treatment of a case	Tutorial
Day-129	SU7.1	Describe the Planning and conduct of Surgical audit	Lecture	Skill Lab	CM 8.4	Describe the principles and er	Small group	LUNCH	DR14.5 DR 15.3	Enumerate the indications and describe the pharmacology indications and adverse reactions of drugs used in the urticaria and angioedema. →Pharmacology. Enumerate the indications and describe the pharmacology indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma. ↑Gen surgery, →Pharmacology, Microbiology.	Small group discussion



Day-130	PH1.26	Describe mechanisms of action, types, doses, side effects, indications and contraindications of the drugs modulating the renin- angiotensin and aldosterone system ↑ Physiology , General Medicine	Lecture	Clinic / Procedural Skills	MI 6.1	Describe the etio-pathogenesis of Infections of upper and lower respiratory tract	Lecture	LUNCH	PA24.4	Describe and etiology and pathogenesis and pathologic features of carcinoma of the stomach VI General Surgery	SGD
Day-131	FA & REFLECTION			Clinic	MI 6.1	Describe the etio-pathogenesis of Infections of upper and lower respiratory tract	Lecture	LUNCH	PA25.4	Describe the pathophysiology, pathology and progression of alcoholic liver disease including cirrhosis VI General Surgery & General Medicine	SGD
Day-132	MI 5.2	Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis,	Lecture	Clinic	PH1.25	Describe the mechanism/s of drug action	Lecture	LUNCH	DR 11.3	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for dermatologic lesions in HIV. →Pharmacology, Microbiology, ↑Gen medicine.	Small group discussion

Day-133	PA24.1	Describe the etiology, pathogenesis, pathology and clinical features of oral cancers VI Dentistry	Lecture	Clinic	AETCOM 2.5	Bioethics contd	Group formation	LUNCH	Fm1.9	Describe the importance of documentation in medical practice in regard to medicolegal examinations, Medical Certificates and medicolegal reports especially - maintenance of patient case records, discharge summary, prescribed registers to be maintained in Health Centres. - maintenance of medico-legal register like accident register. - documents of issuance of wound certificate - documents of issuance of drunkenness certificate. - documents of issuance of sickness and fitness certificate. - documents for issuance of death certificate. - documents of Medical Certification of Cause of Death - Form Number4 and 4A - documents for estimation of age by physical, dental and radiological examination and issuance of certificate VI Radiodiagnosis, General Surgery, General Medicine, Pediatrics	small group discussion
Day-134	SU7.2	Describe the principles and steps of clinical research in General Surgery	Lecture	SPORTS & ECA	CM 8.5	non- judgmental and empath	SDL	LUNCH	AS4.3 - AS 5.4	Observe and describe the principles and the practical aspects of induction and maintenance of anesthesia. ↑ Pharmacology. Observe and describe the pharmacology and correct use of commonly used drugs and adjuvant agents in regional anesthesia. ↑ Pharmacology.	Small group discussion

Day-135	Terminal Practical-Patho Pharma, Micro, FMT										
Day-136											
Day-137											
Day-138											
Day-139											
Day-140											
Day-141											
Day-142											
Day-143											
Day-144	PH1.27	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of antihypertensive drugs and drugs used in shock ↑ General Medicine	Lecture	Clinic / Procedural Skills	MI 7.1	Describe the etio-pathogenesis of infections of genitourinary	SGL	LUNCH	PA24.6	Describe and etiology and pathogenesis and distinguishing features of Inflammatory bowel disease VI General Surgery	SGD
Day-145	FA & REFLECTION			Clinic	MI 7.1	Describe the etio-pathogenesis of infections of genitourinary	SGL	LUNCH	PA23.3	(b) Describe and interpret the abnormalities in a panel containing liver function tests	DOAP
Day-146	MI 5.2-	Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis,	Lecture	Clinic	PH1.25	Describe the mechanism/s of	Lecture	LUNCH	AS3.6 - AS 4.1	Choose and write a prescription for appropriate premedications for patients undergoing surgery. ↑ Pharmacology. Describe and discuss the pharmacology of drugs used in induction and maintenance of general anaesthesia (including intravenous and inhalation induction agents, opiate and non-opiate analgesics, depolarising and non-depolarising muscle relaxants, anticholinesterases. ↑ Pharmacology.	SGD

Day-147	OG18.3	Describe and discuss the diagnosis of birth asphyxia		Clinic	PA24.2	Describe the etiology, pathog	Lecture	LUNCH	MI 8.12	Discuss confidentiality pertaining to patient identity in laboratory results	OSPE
Day-148	PA25.3	Describe the etiology and pathogenesis of viral and toxic hepatitis: distinguish the causes of hepatitis based on the clinical and laboratory features. Describe the pathology, complications and consequences of hepatitis VI General Medicine	Lecture	Clinic	AETCOM 2.5	Bioethics contd	Case Introduction	LUNCH	FM1.10 & 1.11	Select appropriate cause of death in a particular scenario by referring ICD 10 code, Write a correct cause of death certificate as per ICD 10 document	Lecture followed by small group discussion
Day-149	SU8.1	Describe the principles of Ethics as it pertains to General Surgery	Small group discussion	AETCOM 2.1, Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, skill lab	CM 8.6	non- judgmental and empath	Tutorial	LUNCH	AS 8.4	Describe the principles of pain management in palliative care. ↑ Pharmacology, →Gen med.	Small group discussion
Day-150	FA & REFLECTION			Clinic	MI 7.2	Describe the etio-pathogenesis diagnosis of sexually transmit	Lecture	LUNCH	PA26.1	Define and describe the etiology, types, pathogenesis, stages morphology and complications of pneumonia HI Microbiology VI General Medicine	SGD
Day-151	MI 5.3	Identify the microbial agents causing meningitis,	Lecture	Clinic	PH1.55	Describe and discuss the follo	Lecture	LUNCH	AS8.3	Describe the pharmacology and use of drugs in the management of pain. ↑ Pharmacology.	Small group discussion

Day-152	OG18.4	Describe the principles of resuscitation of the newborn and enumerate the common problems encountered		Clinic	PA28.6	Define and describe the etiology	Lecture	LUNCH	MI 8.12	Discuss confidentiality pertaining to patient identity in laboratory results	OSPE
Day-153	PA25.5 PA25.2	Describe the etiology, pathogenesis and complications of portal hypertension Describe the pathophysiology and pathologic changes seen in hepatic failure and their clinical manifestations, complications and consequences VI General Surgery & General Medicine	Lecture	Clinic	AETCOM 2.5	Bioethics contd	SDL	LUNCH	FM8.1, 8.2, 8.3,	Describe the history of Toxicology, Define the terms Toxicology, Forensic Toxicology, Clinical Toxicology and poison, Describe the various types of poisons, Toxicokinetics, and Toxicodynamics and diagnosis of poisoning in living and dead, VI Pharmacology	Lecture followed by small group discussion,
Day-154	SU8.2	Demonstrate Professionalism and empathy to the patient undergoing General Surgery	Small group discussion	Skill Lab	CM 8.7	non- judgmental and empathy	Lecture	LUNCH	AS8.5 - AS 10.4	Describe the principles of pain management in the terminally ill. ↑ Pharmacology, →Gen med. Define and describe common medical and medication errors in anaesthesia. ↑ Pharmacology, →Gen med.	Small group discussion

Day-155	PH1.28	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in ischemic heart disease (stable, unstable angina and myocardial infarction), peripheral vascular disease ↑General Medicine	Lecture	Clinic / Procedural Skills	MI 7.2	Describe the etio-pathogenesis, diagnosis of sexually transmitted diseases, measures,	Lecture	LUNCH	PA28.1 PA28.2	Describe the normal histology of the kidney Define, classify and distinguish the clinical syndromes and describe the etiology, pathogenesis, pathology, morphology, clinical and laboratory and urinary findings, complications of renal failure	SGD
Day-156	FA & REFLECTION			Clinic	MI 7.3	Describe the etio-pathogenesis, method for specimen collection, diagnosis of Urinary tract infections	Lecture	LUNCH	PA26.3	Define and describe the etiology, types, pathogenesis, stages morphology and complications and evaluation of Obstructive airway disease (OAD) and bronchiectasis HI Microbiology VI Physiology & General Medicine	SGD
Day-157	MI 7.1	Describe the etio-pathogenesis and discuss the laboratory diagnosis of infections of genitourinary system,	SDL	Clinic	PH1.27	Describe the mechanisms of action of drugs used in the treatment of schizophrenia	Lecture	LUNCH	PS5.3, PS5.5 PS6.4	Describe the treatment of schizophrenia including behavioural and pharmacologic therapy. ↑Pharmacology. Enumerate and describe the pharmacologic basis and side effects of drugs used in schizophrenia. ↑Pharmacology. Describe the treatment of depression including behavioural and pharmacologic therapy. ↑Pharmacology.	Small group discussion

Day-158	OG20.1	Enumerate the indications and describe and discuss the legal aspects, indications, methods for first and second trimester MTP; complications and management of complications of Medical Termination of Pregnancy		Clinic	PA24.7	Describe the etiology, pathog	Lecture	LUNCH	MI 8.13	Choose the appropriate laboratory test in the diagnosis of the infectious disease ,	SGD
Day-159	PA 25.6	interpret LFT and viral hepatitis serology panel. Distinguish obstructive jaundice based on clinical features and liver function  VI General Medicine	Lecture	Clinic	AETCOM 2.5	Bioethics contd	SDL	LUNCH	FM8.4, 8.5	Describe the Laws in relations to poisons including NDPS Act, Medico-legal aspects of poisons, Describe Medico-legal autopsy in cases of poisoning including preservation and dispatch of viscera for chemical analysis VI Paharmacology	small group discussion
Day-160	SU8.3	Discuss Medico-legal issues in surgical practice	Small group discussion	FA & REFLECTION	CM 9.1	Define and describe the princ	Lecture	LUNCH	PS4.4 - PS 4.6	Describe the treatment of alcohol and substance abuse disorders including behavioural and pharmacologic therapy. ↑Pharmacology, →Gen med. Enumerate and describe the pharmacologic basis and side effects of drugs used in alcohol and substance abuse. ↑Pharmacology, →Gen med.	Small group discussion

Day-161	PH1.29	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure ↑General Medicine	Lecture	Clinic / Procedural Skills	MI 7.3-	Describe the etio-pathogenesis method for specimen collection diagnosis of Urinary tract infection	Lecture	LUNCH	PA28.5	Define and classify glomerular diseases. Enumerate and describe the etiology, pathogenesis, mechanisms of glomerular injury, pathology, distinguishing features and clinical manifestations of glomerulonephritis VI Physiology and General Medicine	SGD
Day-162	FA & REFLECTION			Clinic	MI 2.1	Describe the etiologic agents	SGL	LUNCH	PA26.5	Define and describe the etiology, types, exposure, environmental influence, pathogenesis, stages, morphology microscopic appearance and complications of Occupational lung disease VI Community Medicine & General Medicine	SGD
Day-163	MI 7.2	Describe the etio-pathogenesis and discuss the laboratory diagnosis of sexually transmitted infections. Recommend preventive measures,	Lecture	Clinic	PH1.28	Describe the mechanisms of a ischemic heart disease (stable	Lecture	LUNCH	PS6.6, PS7.4,	Enumerate and describe the pharmacologic basis and side effects of drugs used in depression. ↑Pharmacology. Describe the treatment of bipolar disorders including behavioural and pharmacologic therapy. ↑Pharmacology.	Small group discussion



Day-164	OG20.2	In a simulated environment administer informed consent to a person wishing to undergo Medical Termination of Pregnancy		Clinic	PA28.3	Define and describe the etiol	Lecture	LUNCH	MI 8.13	Choose the appropriate laboratory test in the diagnosis of the infectious disease,	SGD
Day-165	PA26.2	Describe the etiology, gross and microscopic appearance and complications of lung abscess HI Microbiology VI General Medicine	Lecture	Clinic	AETCOM 2.5	Bioethics contd	Lecture	LUNCH	FM8.6, 8.7, 8.8	Describe the general symptoms, principles of diagnosis and management of common poisons encountered in India, Describe simple Bedside clinic tests to detect poison/drug in a patient's body fluids, Describe basic methodologies in treatment of poisoning:	Lecture & Small Group discussion
Day-166	SU9.1	Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient	Lecture	Skill Lab	CM 9.6	Describe the National populat	Lecture	LUNCH	PS7.6	Enumerate and describe the pharmacologic basis and side effects of drugs used in bipolar disorders. ↑Pharmacology.	Small group discussion
Day-167	PH1.29	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in congestive heart failure ↑General Medicine	Lecture	Clinic / Procedural Skills	MI 7.3	Describe the etio-pathogenesis method for specimen collecti	SGL	LUNCH	PA28.9 PA28, PA28.11	Define and describe the etiology, pathogenesis, pathology laboratory, urinary findings, progression and complications of acute tubular necrosis 10 Describe the etiology pathogenesis pathology laboratory findings, distinguishing features progression and complications of acute	SGD

Day-168	FA & REFLECTION			Clinic	MI 2.4	List the common microbial agents morphology, mode of infection	SGL	LUNCH	PA26.7	Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, morphology microscopic appearance and complications of mesothelioma VI Community Medicine & General Medicine	SGD
Day-169	MI 2.2	Describe the classification etio-pathogenesis, clinical features and discuss the diagnostic modalities of Infective endocarditis,	Lecture	Clinic	PH1.30	Describe the mechanisms of a	Lecture	LUNCH	PS11.4 , PS11.6, PS12.4, PS12.6	Describe the treatment of personality disorders including behavioural, psychosocial and pharmacologic therapy. ↑Pharmacology. Enumerate and describe the pharmacologic basis and side effects of drugs used in personality disorders. ↑Pharmacology. Describe the treatment of psychosomatic	Small group discussion
Day-170	OG21.1	Describe and discuss the temporary and permanent methods of contraception, indications, technique and complications; selection of patients, side effects and failure rate including Ocs,		Clinic	PA24.5	Describe and etiology and pa	SGL, CASE BASED LEARNING (Linker)	LUNCH	MI 8.14	Demonstrate confidentiality pertaining to patient identity in laboratory results ,	SGD
Day-171	PA26.4	Define and describe the etiology, types, pathogenesis, stages, morphology microscopic appearance and complications of  VI General Medicine	SGL, CASE BASED LEARNING (Linker)	Clinic	AETCOM 2.5	Bioethics contd	Case Resolution	LUNCH	FM8.9, 8.10	Describe the procedure of intimation of suspicious cases or actual cases of foul play to the police, maintenance of records, preservation and despatch of relevant samples for	Lecture & Small Group discussion

Day-172	SU9.2	Biological basis for early detection of cancer and multidisciplinary approach in management of cancer	Lecture	Skill Lab	CM 9.7	pertains to patient autonomy,	Tutorial	LUNCH	PS8.4, PS8.6, PS10.4, PS10.6 ↑Pharmacology. Enumerate and describe the pharmacologic basis and side effects of drugs used in anxiety disorders. ↑Pharmacology.	Small group discussion	
Day-173	PH1.30	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the antiarrhythmics ↑ General Medicine	Lecture	Clinic / Procedural Skills	MI 2.3	Identify the microbial agents infective Endocarditis ,	SGL	LUNCH	PA28.14	Classify and describe the etiology, genetics, pathogenesis pathology, presenting features, progression and spread of renal tumors VI Pediatrics	SGD
Day-174	FA & REFLECTION			Clinic	MI 2.5	Describe the etio-pathogenesis and the laboratory diagnosis of common parasites prevalent in	SGL	LUNCH	PA23.2	Describe abnormal findings in body fluids in various disease abnormal findings in body fluids in various disease	DOAP
Day-175	MI 2.4	List the common microbial agents causing anemia. Describe the morphology, mode of infection and discuss the pathogenesis, clinical course, diagnosis and prevention and treatment of the common microbial agents causing Anemia,	Lecture	Clinic	PH1.31	Describe the mechanisms of a	Lecture	LUNCH	IM2.15 IM2.18 IM2.20 IM2.23	Discuss and describe the medications used in patients with an acute coronary syndrome based on the clinical presentation. ↑pharmacology. Discuss and describe the indications, formulations, doses, side effects and monitoring for drugs used in the management of dyslipidemia. ↑pharmacology, biochemistry. Discuss	

Day-176	SU9.3	Communicate the results of surgical investigations and counsel the patient appropriately	DOAP	Clinic	PA28.12, PA28.13	Define classify and describe distinguishing features, progr	Lecture	LUNCH	MI 8.14	Demonstrate confidentiality pertaining to patient identity in laboratory results,	SGD
Day-177	PA26.6	Define and describe the etiology, types, exposure, genetics environmental influence, pathogenesis, stages, morphology, microscopic appearance, metastases and complications of tumors of the lung and pleura VI General Medicine	Lecture	Clinic	AETCOM 2.6	Bioethics contd..	Case introduction	LUNCH	FM9.1	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics Inorganic – sulphuric, nitric, and hydrochloric acids; Organic Carboic Acid (phenol), Oxalic and acetylsalicylic acids, VI Paharmacology & General Medicine	Lecture & Small Group Discussion
Day-178	FA & REFLECTION			Clinic	MI 2.6	Identify the causative agent of SGL		LUNCH	PA23.3	(b) Describe and interpret the abnormalities in a panel containing semen analysis	DOAP
Day-179	MI 2.5	Describe the etio-pathogenesis and discuss the clinical evolution and the laboratory diagnosis of kalaazar, malaria, filariasis and other common parasites prevalent in India ,	Lecture	Clinic	PH1.15	Describe mechanism/s of acti	Lecture	LUNCH	IM4.26, IM5.7, IM5.16, IM6.13	Counsel the patient on malarial prevention. ↑microbiology, pharmacology. Enumerate and describe the causes and pathophysiology of drug induced liver injury. ↑pathology, pharmacology. Describe and discuss the	DOAP SESSIONS

Day-180	SU10.1	Describe the principles of perioperative management of common surgical procedures	Lecture	Clinic	PA28.15PA28.15	Describe the etiology, genetic	Lecture	LUNCH	MI 8.14	Demonstrate confidentiality pertaining to patient identity in laboratory results ,	SGD
Day-181	PA29.1	Classify testicular tumors and describe the pathogenesis, pathology, presenting and distinguishing features, diagnostic tests, progression and	Lecture	Clinic	AETCOM 2.6	Bioethics contd..	SDL	LUNCH	FM9.5,	Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy,	Lecture & Small Group Discussion
Day-182	IM9.8	Describe and discuss the various tests for iron deficiency	Small Group discussion	Skill Lab	CM 10.1	Describe the current status of	Seminar	LUNCH	PS13.4, PS18.1 , IM1.24, IM1.27, IM1.30	Describe the treatment of psychosexual and gender identity disorders including behavioural, psychosocial and pharmacologic therapy. ↑Pharmacology. Enumerate the indications and describe	Small group discussion
Day-183	PH1.31	Describe the mechanisms of action, types, doses, side effects, indications and contraindications of the drugs used in the management of dyslipidemias ↑ General Medicine.	Lecture	Clinic / Procedural Skills	MI 2.5-	Describe the etio-pathogenesis and the laboratory diagnosis of common parasites prevalent in	SGL	LUNCH	PA23.3	(b) Describe and interpret the abnormalities in a panel containing renal function tests	DOAP
Day-184	FA & REFLECTION			Clinic	MI 3.1-	Enumerate the microbial agents. Describe the epidemiology, manifestations and diagnostic modalities	SGL	LUNCH	PA32.2, PA32.3	Describe the etiology, cause, iodine dependency, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis Describe the etiology, pathogenesis, manifestations, laboratory and imaging features and course of thyrotoxicosis/ hypothyroidism	SGD

Day-185	MI 2.7-	Describe the epidemiology, the etio-pathogenesis, evolution complications, opportunistic infections, diagnosis, prevention and the principles of management of HIV ,	Lecture	Clinic	PH1.16	Describe mechanism of action	Lecture	LUNCH	IM7.23 IM7.24 IM8.14 IM8.15	Select, prescribe and communicate treatment option for systemic rheumatologic conditions. ↑Pharmacology. Describe the basis for biologic and disease modifying therapy in rheumatologic diseases. ↑Pharmacology. Develop an appropriate treatment plan for essential hypertension. ↑Pharmacology. Recognise, prioritise	DOAP SESSIONS
Day-186	SU11.1	Describe principles of Preoperative assessment.	Lecture	Clinic	PA30.1, PA30.6	Describe the epidemiology, p cervix . Describe the etiology	Lecture	LUNCH	MI 8.15	Choose and Interpret the results of the laboratory tests used in diagnosis of the infectious diseases,	SGD
Day-187	PA29.3 PA 29.4	Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, urologic findings & diagnostic tests of benign prostatic hyperplasia . Describe the pathogenesis, pathology, hormonal dependency presenting and distinguishing features, diagnostic tests,	Lecture	Clinic	AETCOM 2.6	Bioethics contd..	SDL	LUNCH	FM4.1, 4.2, 4.3, 4.4, 4.5	Describe Medical Ethics and explain its historical emergence, Describe the Code of Medical Ethics 2002 conduct, Etiquette and Ethics in medical practice and unethical practices & the dichotomy, Describe the functions and role of Medical Council of India	Lecture & Small Group Discussion
Day-188	IM9.11	Describe the indications and interpret the results of	Lecture	Skill Lab	CM 10.2	Enumerate and describe the k	Tutorial	LUNCH	IM3.12 IM3.13	Select, describe and prescribe based on the	DOAP SESSIONS
Day-189	PH1.17	Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of local anesthetics. ↑Anesthesia.	Lecture	Clinic / Procedural Skills	MI 2.6-	Identify the causative agent c	SGL	LUNCH	PA30.2, PA30.7, PA30.8, PA30.9	Describe the pathogenesis, etiology, pathology, diagnosis and progression and spread of carcinoma of the endometrium Describe the etiology, hormonal dependence, features and morphology of endometriosis Describe the etiology and morphologic features of adenomyosis Describe	SGD

Day-190	FA & REFLECTION			Clinic	MI 3.4	Identify the different modalities. Choose the appropriate test r	SGL	LUNCH	PA23.3	(d) Describe and interpret the abnormalities in a panel containing, thyroid function tests,	SGD
Day-191	MI 3.1	Enumerate the microbial agents causing diarrhea and dysentery. Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of these agents ,	Lecture	Clinic	PH1.24	Describe the mechanism/s of	Lecture	LUNCH	IM11.18 IM11.19 IM12.13 IM12.14 IM12.15	Describe and discuss the pharmacology, indications, adverse reactions and interactions of drugs used in the prevention and treatment of target organ damage and complications of Type II Diabetes including neuropathy, nephropathy, retinopathy,	Small group discussion & DOAP SESSIONS , Case based learning (Linker)
Day-192	SU11.2	Enumerate the principles of general, regional, and local Anaesthesia.	Lecture	Clinic	PA30.3	, diagnosis and progression ar	Lecture	LUNCH	MI 8.15	Choose and Interpret the results of the laboratory tests used in diagnosis of the infectious diseases,	SGD
Day-193	PA29.2 PA 29.5	Describe the pathogenesis, pathology, presenting and distinguishing features, progression and spread of carcinoma of the penis Describe the etiology, pathogenesis, pathology and progression of prostatitis VI General Surgery	Lecture	Clinic	AETCOM 2.6	Bioethics contd..	Lecture	LUNCH	FM4. 6,4.7,4.8 ,4.9	Describe the Laws in Relation to medical practice and the duties of a medical practitioner towards patients and society, Describe and discuss the ethics related to HIV patients, Describe the Consumer Protection Act-1986 (Medical Indemnity Insurance, Civil Litigations and Compensations),	Lecture & Small Group Discussion, SDL
Day-194	IM9.12	Describe, develop a diagnostic plan to determine the aetiology of anemia	Small Group discussion	Skill Lab	CM 10.3	Describe local customs and pr	Small group	LUNCH	IM6.17 IM6.18 IM7.21 IM7.22	Discuss and describe the principles of HAART, the classes of antiretrovirals used, adverse reactions and interactions. ↑Pharmacology, Microbiology. Discuss and describe the principles and regimens used in post exposure prophylaxis. ↑Pharmacology, Microbiology. Select, prescribe and communicate	

Day-195	PH1.16	development & Implementation	Lecture	Clinic / Procedural Skills	MI 2.7	Describe the epidemiology, the complications, opportunistic infections and the principles of management	SGL	LUNCH	PA30.4	Classify and describe the etiology, pathogenesis, pathology, morphology, clinical course, spread and complications of ovarian tumors VI OBG	SGD
Day-196				Clinic	MI 3.7	Describe the epidemiology, the viral markers in the evolution and modalities in the diagnosis and management	SGL	LUNCH	PA32.4 , IM 11.2, 11.3, 11.5	Classify and describe the epidemiology, etiology, pathogenesis pathology, clinical laboratory features, complications and progression of diabetes mellitus VI Physiology & General Medicine	SGD, CASE BASED LEARNING (linker)
Day-197	MI 3.5	Enumerate the causative agents of food poisoning and discuss the pathogenesis, clinical course and laboratory diagnosis,	Lecture	Clinic	PH1.33	Describe the mechanism of action of analgesics	Lecture	LUNCH	IM13.6 IM13.17 IM14.13 IM15.14 IM15.15	Describe and enumerate the indications, use, side effects of narcotics in pain alleviation in patients with cancer. ↑Pharmacology, →Anesthesia. Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for obesity. ↑Pharmacology. Describe and enumerate the	Bed side clinic
Day-198	SU9.3	Communicate the results of surgical investigations and counsel the patient appropriately	DOAP	Clinic	PA30.5	Describe the etiology, pathogenesis and clinical course of infectious diseases	Lecture	LUNCH	MI 1.2	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy ,	DOAP, SGD



Day-199	PA32.1	Enumerate, classify and describe the etiology, pathogenesis pathology and iodine dependency of thyroid swellings VI Human Anatomy, Physiology, General Medicine, General Surgery	Lecture	Clinic	AETCOM 2.6	Bioethics contd..	Case Closure	LUNCH	FM4.10, 4.11, 4.12, 4.13	Describe communication between doctors, public and media, Describe and discuss euthanasia, Discuss legal and ethical issues in relation to stem cell research, Describe social aspects of Medico-legal cases with respect to victims of assault, rape, attempted suicide, homicide, domestic	Small group discussion & SDL
Day-200	IM9.17	Describe the indications for blood transfusion and the appropriate use of blood components	Lecture	SPORTS & ECA	CM 10.4	Describe the reproductive ma	2 Lecture	LUNCH	IM9.14 IM9.15 IM10.25 IM11.16	Prescribe replacement therapy with iron, B12, folate Describe the national programs for anemia prevention Identify and describe the priorities in the management of ARF including diet, volume management, alteration in doses of drugs, monitoring and	Small group discussion
Day-201	PH1.32	Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of drugs used in bronchial asthma and COPD. ↑Resp. Medicine.	Lecture	Clinic / Procedural Skills	MI 3.3-	Describe the enteric fever pat the clinical course and the lab	SGL	LUNCH	PA31.1	Classify and describe the types, etiology, pathogenesis, pathology and hormonal dependency of benign breast disease VI Human Anatomy & General Surgery	SGD
Day-202	FA & REFLECTION			Clinic	MI 4.3	Describe the etio-pathogenesis and discuss the clinical course	SGL	LUNCH	PA34.1	Describe the risk factors, pathogenesis, pathology and natural history of squamous cell carcinoma of skin . VI Dermatology, Venereology & Leprosy	SGD

Day-203	MI 3.7	Describe the epidemiology, the etio-pathogenesis and discuss the viral markers in the evolution of Viral hepatitis. Discuss the modalities in the diagnosis and prevention of viral hepatitis,	Lecture	Clinic	PH1.34	Describe the mechanism/s of	Lecture	LUNCH	IM13.13 IM17.12 IM17.13 IM17.14 IM19.8	Describe and assess pain and suffering objectively in a patient with cancer. ↑Pharmacology, →Gen surgery. Describe the indications, pharmacology, dose, side effects of prophylactic therapy in migraine. ↑Pharmacology. Describe the pharmacology, dose, adverse reactions and regimens of drugs used in the treatment of bacterial, tubercular and viral meningitis Counsel patients with	Small group discussion
Day-204	IM9.18	Describe the precautions required necessary when performing a blood transfusion	Small Group discussion	Skill Lab	CM 10.5	Describe Universal Immunizat	2 Lecture	LUNCH	IM12.15 IM13.6 IM13.13 IM13.14	Describe and discuss the indications of thionamide therapy, radio iodine therapy and General Surgery in the management of thyrotoxicosis. ↑Pharmacology, →Gen surgery. Describe and distinguish the difference between curative and palliative care in patients with cancer. ↑Pharmacology. Describe and assess pain and suffering	Bed side clinic
Day-205	PH1.34	Describe the mechanism/s of action, types, doses, side effects, indications and contraindications of the drugs used as below: 1. Acid-peptic disease and GERD 2. Antiemetics and prokinetics 3. Antidiarrhoeals . Laxatives 5. Inflammatory Bowel Disease 6. Irritable Bowel Disorders, biliary and pancreatic diseases. ↑Gen Med.	Lecture	Clinic / Procedural Skills	MI 3.6 -	Describe the etio-pathogenesis the clinical course. Discuss the causative agent of APD ,	SGL	LUNCH	PA31.3	Describe and identify the morphologic and microscopic features of carcinoma of the breast VI General Surgery	DOAP

Day-206	FA & REFLECTION			Clinic	MI 5.1 -	Describe the etiopathogenesis laboratory diagnosis of meningitis	SGL	LUNCH	PA34.4	Identify, distinguish and describe common tumors of skin VI Dermatology, Venereology & Leprosy	DOAP
Day-207	MI 4.1	Enumerate the microbial agents causing anaerobic infections. Describe the etiopathogenesis clinical course and discuss the laboratory diagnosis of anaerobic infections,	Lecture	Clinic	PH1.37	Describe the mechanisms of action of antimicrobials	Lecture	LUNCH	IM20.9 IM21.1 IM21.2 IM21.3	Describe the diagnosis, initial approach, stabilisation and therapy of bee sting allergy. ↑Pharmacology. Describe the initial approach to the Stabilization of the patient who presents with poisoning. ↑Pharmacology. Enumerate the common plant poisons seen in your area and describe their toxicology, clinical features, prognosis and specific approach to detoxification. ↑Pharmacology	Small group discussion
Day-208	SU10.1	Describe the principles of perioperative management of common surgical procedures	Lecture	Clinic	PA31.2	Classify and describe the epidemiology, dependency, staging and spread of infectious diseases	Lecture	LUNCH	MI 1.2	Perform and identify the different causative agents of Infectious diseases by Gram Stain, ZN stain and stool routine microscopy,	DOAP
Day-209	PA32.4	(a) Classify and describe the epidemiology, etiology, pathogenesis pathology, clinical laboratory features, complications and progression of diabetes mellitus VI Physiology & General Medicine	Lecture	Clinic	AETCOM 2.7	Bioethics contd..	Case Introduction	LUNCH	FM4.14, 4.15, 4.16	Describe & discuss the challenges in managing medico-legal cases including development of skills in relationship management – Human behaviour, communication skills, conflict resolution techniques, Describe the principles of handling pressure – definition, types, causes, sources and skills for managing the pressure while dealing with medico-legal cases by the doctor Describe and discuss Bioethics, VI AETCOM	Lecture & small Group Discussion

Day-210	IM25.1	Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus)	Small Group discussion	FA & REFLECTION	CM 10.6	they pertain to refusal of care	Tutorial	LUNCH	IM16.13 IM16.14 IM16.16 IM17.11	Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of diarrhea. ↑Pharmacology, Microbiology. Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for bacterial and viral diarrhea. ↑Pharmacology, Microbiology. Describe	Small group discussion
Day-211	PH1.36	Describe the mechanism of action, types, doses, side effects, indications and contraindications of drugs used in endocrine disorders (diabetes mellitus, thyroid disorders and osteoporosis). ↑Gen Medicine.	Lecture	Clinic / Procedural Skills	MI 3.8	Choose the appropriate laboratory tests for hepatitis with emphasis on virology	SGL	LUNCH	PA32.5	Describe the etiology, genetics, pathogenesis, manifestations laboratory and morphologic features of hyperparathyroidism VI Physiology & General Medicine	SGD
Day-212	FA & REFLECTION			Clinic	MI 5.3	Identify the microbial agents	SGL	LUNCH	PA 10.1	define and describe the pathogenesis and pathology of malaria HI Microbiology VI General Medicine	SGD
Day-213	MI 4.3 -	Describe the etio-pathogenesis of infections of skin and soft tissue, and discuss the clinical course and the laboratory diagnosis	Lecture	Clinic	PH1.39	Describe mechanism of action	Lecture	LUNCH	IM22.3 IM25.11 PE13.5 PE13.6	Describe the approach to the management of hypercalcemia. ↑Pharmacology. Develop an appropriate empiric treatment plan based on the patient's clinical and immune status pending definitive diagnosis. ↑Pharmacology, Microbiology. Propose a management plan for Fe Deficiency Anaemia. ↑Pharmacology. Discuss the National Anaemia Control Program and its recommendations. ↑Pharmacology, PSM.	SKILL LAB

Day-214	SU11.2	Enumerate the principles of general, regional, and local Anaesthesia.	Lecture	Clinic	PA33.1	Classify and describe the etio	Lecture	LUNCH	MI 6.2	Identify the common etiologic agents of upper respiratory tract infections (Gram Stain),	DOAP
Day-215	IM25.1	Describe and discuss the response and the influence of hosimmune status, risk factors and comorbidities on zoonotic diseases HI with Microbiology (e.g. Leptospirosis, Rabies) and non-febrile infectious disease (e.g. Tetanus)	Small Group discussion	Skill Lab	CM 10.7	Enumerate and describe the b	Tutorial	LUNCH	IM19.9 IM20.1 IM20.7 IM20.8	Enumerate the indications for use of surgery and botulinum toxin in the treatment of movement disorders. ↑Pharmacology, →Gen surgery. Enumerate the poisonous snakes of your area and describe the distinguishing marks of each. ↑Pharmacology, Forensic med.	Small group discussion
Day-216	PH1.38	Describe the mechanism of action, types, doses, side effects, indications and contraindications of corticosteroids	Lecture	Clinic / Procedural Skills	MI 4.2	Describe the etiopathogenesis laboratory diagnosis of bone	SGL	LUNCH	PA33.2	(b) Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications and metastases of bone tumors VI Orthopedics	SGD
Day-217	FA & REFLECTION			Clinic	MI	VARIOUS METHODS OF TREA	SGL	LUNCH	PA 10.4	define and describe the pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases HI Microbiology VI General Medicine	SGD
Day-218	MI 5.2 -	Describe the etiopathogenesis, clinical course and discuss the laboratory diagnosis of encephalitis,	Lecture	Clinic	PH1.41	Describe the mechanisms of a	Lecture	LUNCH	PE24.8 PE34.3 PE34.4	Discuss the causes, clinical presentation and management of dysentery in children. ↑Pharmacology, Microbiology. Discuss the various regimens for management of Tuberculosis as per National Guidelines. ↑Pharmacology, PSM, Microbiology, →Resp. Med. Discuss the preventive strategies adopted and the objectives and outcome	Lecture

Day-219	SU11.2	Enumerate the principles of general, regional, and local Anaesthesia.	Lecture	Clinic	PA33.2	(a) Classify and describe the complications and metastases	Lecture	LUNCH	MI 6.2	Identify the common etiologic agents of upper respiratory tract infections (Gram Stain) ,	SGD
Day-220	PA32.6	Describe the etiology, pathogenesis, manifestations laboratory, morphologic features, complications and metastases of pancreatic cancer VI Physiology & General Medicine	Lecture	Clinic	AETCOM 2.7	Bioethics contd..	SDL	LUNCH	FM4.17, 4.18	Describe and discuss ethical Principles: Respect for autonomy, nonmaleficence, beneficence & justice, Describe and discuss medical negligence including civil and criminal negligence, contributory negligence, corporate liability, Res Ipsa Loquitur, prevention of medical negligence and defenses in medical negligence litigations VI	Lecture & small Group Discussion
Day-221	IM25.1	Describe and discuss the response and the influence of host immune status, risk factors and comorbidities on zoonotic diseases (e.g. Leptospirosis, Rabies) and non-febrile infectious	Small Group discussion	Skill Lab	CM 10.8	Describe the physiology, clinical	SDL	LUNCH	IM21.4 IM21.5 IM21.6 IM21.7	Enumerate the commonly observed drug overdose in your area and describe their toxicology, clinical features, prognosis and approach to therapy.	DOAP SESSIONS
Day-222	PH1.40	Describe mechanism of action, types, doses, side effects, indications and contraindications of 1. Drugs used in the treatment of infertility, and 2. Drugs used in erectile dysfunction. ↑Obstetrics and gynaecology.	Lecture	Clinic / Procedural Skills	MI 5.1 -	Describe the etiopathogenesis, laboratory diagnosis of meningitis	SGL	LUNCH	PA33.4	Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of Paget's disease of the bone PA33.5 Classify and describe the etiology, immunology, pathogenesis, manifestations, radiologic and laboratory features, diagnostic criteria and complications of rheumatoid arthritis	SGD

Day-223	MI 5.1 -	Describe the etiopathogenesis and laboratory diagnosis of meningitis	SGL	Clinic	PA33.4	Classify and describe the etiology, pathogenesis, manifestations, radiologic and morphologic features and complications of Paget's disease of the bone PA33.5 Classify and describe the etiology, immunology, pathogenesis, manifestations, radiologic and laboratory features, diagnostic criteria and complications of rheumatoid arthritis VI Orthopedics & General Medicine	SGD	LUNCH	PH1.55	Describe and discuss the	Lecture
Day-224	MI 5.3 -	Identify the microbial agents causing meningitis	Lecture	Clinic	PH1.60 PH1.61 PH1.63	Describe and discuss the following	Lecture	LUNCH	CT1.4 CT1.14 CT1.15 CT2.16	microbial and therapeutic factors that determine resistance to drugs. ↑PSM, MICROBIOLOGY, PHARMACOLOGY. Describe and discuss the pharmacology of various antituberculous agents, their indications, contraindications, interactions and	Bed side clinic
Day-225		Surgery		Clinic	PA33.3	Classify and describe the etiology	Lecture	LUNCH	MI 6.3	Identify the common etiologic agents of lower respiratory tract infections (Gram Stain & Acid fast stain)	SGD

Day-226	PA32.7, PA32.9	Describe the etiology, pathogenesis, manifestations laboratory, morphologic features, complications of adrenalinsufficiency PA32.8 Describe the etiology, pathogenesis, manifestations, laboratory, morphologic features, complications of Cushing's syndrome Describe the etiology, pathogenesis, manifestations, laboratory and morphologic features of adrenal neoplasms VI HUMAN Anatomy, Physiology, General Surgery & General	Lecture	Clinic	AETCOM 2.7	Bioethics contd..	SDL	LUNCH	PH1.55	Describe and discuss the	Lecture
Day-227	IM25.2	Discuss and describe the common causes, pathophysiology and manifestations of these diseases	Lecture	FA & REFLECTION	CM 10.9	Discuss gender issues and women	Seminar	LUNCH	PE14.1 PE14.3 PE14.4 PE24.5	Discuss the risk factors, clinical features, diagnosis and management of Lead Poisoning. ↑Pharmacology. Discuss the risk factors, clinical features, diagnosis and management of Organophosphorous poisoning. ↑Pharmacology, →Gen	SGD
Day-228	PH1.52 PH1.53	Describe management of common poisoning, insecticides, common sting and bites. ↑ Gen Medicine. Describe heavy metal poisoning and chelating agents.	Lecture	Clinic / Procedural Skills	MI 5.2	Describe the etiopathogenesis laboratory diagnosis of encephalitis	SGL	LUNCH	PA 35.3	Identify the etiology of meningitis based on given CSF parameters HI Microbiology VI General Medicine	DOAP
Day-229	PA3.1, 3.2,3.3,3.4, IM 9.1, 9.2, 9.4 , 9.5	Hemopoiesis, role of anticoagulants, Define and classify anemia with investigations. elicit document and present a medical history that includes symptoms, risk factors including GI bleeding, prior history, medications, menstrual history, and family history VI MEDICINE	SGD, CASE BASED LEARNING (linker)	Clinic	PH1.35, PE 13.2	Describe drugs used in hematological disorders and discuss mechanism/s of action, types, doses, side effects, indications and contraindications, like 1. Drugs used in anemias 2. Colony Stimulating factors , Management of iron deficiency VI PEDIATRICS	SGD, CASE BASED LEARNING (linker)	LUNCH	MI 2.4 , PE 13.2	List the common microbi	SGD, CASE BASED LEARNING (linker)



Day-230	MI	LAWS RELATED TO HOSPITAL WASTE MANAGEMENT HORIZONTAL INTEGRATION WITH COMMUNITY MEDICINE	SDL	Clinic	PH1.55 PH1.57	Describe and discuss the follo	Lecture	LUNCH	OR3.1	Describe and discuss the aetiopathogenesis, clinical features, Investigations and principles of management of Bone and Joint infections a) Acute Osteomyelitis b) Subacute osteomyelitis c) Acute Suppurative arthritis d) Septic arthritis & HIV infection e) Spirochaetal infection f) Skeletal Tuberculosis. ↑Pathology, Microbiology, →Gen surgery.	Video assisted Lecture
Day-231	IM25.2	Discuss and describe the common causes, pathophysiology and manifestations of these diseases	Lecture	Clinic	PA 35.1	meningitis	Lecture	LUNCH	MI 8.10	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases ,	DOAP, SGD
Day-232	PA34.2 PA34.3	Describe the risk factors, pathogenesis, pathology and natural history of basal cell carcinoma of skin Describe the distinguishing features between a nevus and melanoma. Describe the etiology, risk factors, pathogenesis, pathology, morphology, clinical features and metastasis of melanoma VI Dermatology, Venereology & Leprosy	Lecture	Clinic	AETCOM 2.7	Bioethics contd..	Lecture	LUNCH	PH1.44	Describe the first line Ant	SDL

Day-233	OG8.1	Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors.	Lecture	OG8.1, 9.1 , Interactive lecture , small group discussion	CM 11.1	Enumerate and describe the p	1 Lecture	LUNCH	SU13.2 PM3.5 PM7.6	Discuss the Principles of immunosuppressive therapy. Enumerate indications, describe surgical principles, management of organ transplantation. ↑Pharmacology, Microbiology. Enumerate the indications and describe the therapies for spasticity including medications, serial casts, nerve blocks.	SGD
Day-234	PH1.56 PH1.58 PH1.64	Describe basic aspects of Geriatric and Pediatric pharmacology. ↑Pediatrics. Describe drugs used in Ocular disorders. ↑ Ophthalmology. Describe overview of drug development, Phases of clinical trials and Good Clinical Practice.	Lecture	Clinic / Procedural Skills		HOSPITAL WASTE MANAGEM	SGL	LUNCH	PA 10.3	define and describe the pathogenesis and pathology of leprosy HI Microbiology VI General Medicine	SGD
Day-235	PA 36.1	nd sequelae and complicatio	Lecture	Clinic	MI 8.10	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases ,	DOAP, SGD		PH1.44	Describe the first line An	SDL
Day-236	PH1.56 PH1.58 PH1.64	Describe basic aspects of Geriatric and Pediatric pharmacology. ↑Pediatrics. Describe drugs used in Ocular disorders. ↑ Ophthalmology. Describe overview of drug development, Phases of clinical trials and Good Clinical Practice.	Lecture	Clinic		HOSPITAL WASTE MANAGEM	SGL	LUNCH	PA34.2 PA34.3	Describe the risk factors, pathogenesis, pathology and natural history of basal cell carcinoma of skin Describe the distinguishing features between a nevus and melanoma. Describe the etiology, risk factors, pathogenesis, pathology, morphology, clinical features and metastasis of melanoma VI Dermatology, Venereology & Leprosy	SGD

Day-237	IM25.8	Enumerate the indications for use of newer techniques in the diagnosis of these infections	Lecture	Clinic	PA 36.1	Describe the etiology, genetics	Lecture	LUNCH	MI 8.10	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases ,	DOAP, SGD
Day-238	PA 35.2	Classify and describe the etiology, genetics, pathogenesis, pathology, presentation and sequelae and complications of CNS  VI Pediatrics	Lecture	Clinic	AETCOM 2.7	Bioethics contd..	CASE CLOSURE	LUNCH	MI 8.10	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases ,	DOAP, SGD
Day-239	OG9.1	Classify, define and discuss the aetiology and management of abortions including threatened, incomplete, inevitable, missed and septic	Lecture	AETCOM 2.8, What does it mean to be family member of a sick patient?, Hospital visits & Interviews	CM 11.2	Describe the role, benefits and	1 Lecture	LUNCH	CT2.16	Discuss and describe therapies for OAD including bronchodilators, leukotriene inhibitors, mast cell stabilisers, theophylline, inhaled and systemic steroids, oxygen and immunotherapy . ↑Pharmacology	Lecture
Day-240	PH1.56 PH1.58 PH1.64	Describe basic aspects of Geriatric and Pediatric pharmacology. ↑Pediatrics. Describe drugs used in Ocular disorders. ↑Ophthalmology. Describe overview of drug development, Phases of clinical trials and Good Clinical Practice.	Lecture	Clinic	AETCOM 2.8	What does it mean to be family	LGD	LUNCH	CT2.16	Discuss and describe therapies for OAD including bronchodilators, leukotriene inhibitors, mast cell stabilisers, theophylline, inhaled and systemic steroids, oxygen and immunotherapy . ↑Pharmacology	SGD
Day-241	PA 10.2	define and describe the pathogenesis and pathology of cysticercosis HI Microbiology VI General Medicine	Lecture	Clinic	AETCOM 2.8	What does it mean to be family	SDL	LUNCH	MI 8.10	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases,	SGD

Day-242	PA 10.2	define and describe the pathogenesis and pathology of cysticercosis HI Microbiology VI General Medicine	Lecture	Clinic	AETCOM 2.8	What does it mean to be fami	SDL		SU13.2 PM3.5 PM7.6	Discuss the Principles of immunosuppressive therapy. Enumerate indications, describe surgical principles, management of organ transplantation. ↑Pharmacology, Microbiology. Enumerate the indications and describe the therapies for spasticity including medications, serial casts, nerve blocks, botulinum toxin injections. ↑Pharmacology, →Pediatrics, Orthopedics. Enumerate the indications and describe the pharmacology and side effects of commonly used drugs.	SDL
Day-243	PA 10.2	define and describe the pathogenesis and pathology of cysticercosis HI Microbiology VI General Medicine	Lecture	Clinic	AETCOM 2.8	What does it mean to be family member of a sick patient?	Case Closure	LUNCH	MI 8.10	Demonstrate the appropriate method of collection of samples in the performance of laboratory tests in the detection of microbial agents causing Infectious diseases , DOAP, SGD	SGD
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Colour Coding	SUBJECTS	COLOUR
1	MICROBIOLOGY	
2	PATHOLOGY	
3	PHARMACOLOGY	
4	FORENSIC MEDICINE	
5	COMMUNITY MEDICINE	
6	MEDICINE	
7	SURGERY	

Subjects	Lectures (Hours)	Small Group Learning (Tutorials/Seminars) Integrated Learning (Hours)	Clinical Postings (Hours)	Self Directed Learning (Hours)	Total
Pathology	80	140		12	232
Pharmacology	81	138		12	231
Microbiology	76	110		10	196
Com. Medicine	20	30		12	62
Forensic medicine	16	30		5	51
Clinical Subjects	77		570		647
Aetcom		40			40

8	OBS & GYNAE		
9	AETCOM		
10	PANDEMIC MODULE		
11	SPORTS & ECA		
12	CLINICS		
13	INTEGRATION		HIGHLIGHT ED IN YELLOW
14	FORMATIVE ASSESSMENT (FA)		

Pandemic Module	8	22			30
Sports And Extracurricular Activity				33	33
Formative assessment (FA)					35
<b>Total</b>					<b>1557</b>

‡ CONSTRUCTIVE FEEDBACK OF EVERY FORMATIVE ASSESSMENT TO BE GIVEN IMMEDIATELY IN THE UPCOMING PERIOD OF THE DEPARTMENT

TOPICS COVERED AS AITO		
NO	TOPICS	COLOUR
1	JAUNDICE	
2	DIABETES ME	
3	TUBERCULOS	
4	ANEMIA	