













GOVERNMENT MEDICAL COLLEGE SURAT SECOND MBBS (Admission 2022-23 Batch)

Timetable (December 2023 to December 2024)

Subject codes- PA-Pathology	
MI-Microbiology	
CM-Community Medicine	
SPORTS & EC	
SU-Surgery	
OG-Obstetrics & Gynecology	

PH-Pharmacology	
FM-Forensic Medicine	
AETCOM	
IM-Internal Medicine	
Pandemic Module	
AIT -Red borders	

SDL-Self-directed learning **L**-Lecture **SGL**-Small group Learning **FA** -Formative Assessment

AIT – Alignment & integration **CBL**- Case Based Learning **DOAP**- Demonstrate, Observe, Assist & Perform

WEEK 1									
Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
18.12.23	Monday	Clinical Posting			Introduction to Pharmacology (PH 1.1) Lecture	IM4.8 Fever Of Unknown Origin	PA 1.1,1.2,1.3 Introduction to pathology and orientation of department		
19.12.23	Tuesday	Clinical Posting			PA 2.1 ,2.2 L Cell Injury I (Introduction and Types)	MI 1.1 Introduction,History and Microscopy-lecture	Practical: Introduction to practical pharmacology (Ph 1.1)		
20.12.23	Wednesday	Clinical Posting			Definitions, Nomenclature (PH 1.9) + Counterfeit medicine (CM19.3) + EML+ FDC+ OTC + Herbal Medicine (PH1 .59 L)	MI 3.1 Morphology of common bacteria and bacterial growth curve-SGL	PA8.3 Introduction to Basic diagnostic pathology I (Diagnostic histopathology & cytology, staining, interpretation)		
21.12.23	Thursday	Clinical Posting			PA 2.2,2.3 L Cell Injury II Reversible-irreversible cell injury, intracellular accumulation	MI 1.1 BACTERIAL TOXANOMY-SDL	MI 1.2 Microscope -principle and use, different types of microscope. Different text book demonstration,log book and journal demonstration-DOAP		
22.12.23	Friday	Clinical Posting			Module 2.1 Infection control practices-Air borne precaution,contact precaution-pandemic module	Interventions at various levels of prevention CM 1.5	Pharmacokinetic I -Routes of drug administration (PH 1.11) SGL	Pharmacokinetic II- Absorption/distribution/bioavailability (PH1.4) SGL	
23.12.23	Saturday	AETCOM MODULE 2.1 , SESSION :1(Pharmacology)	AETCOM MODULE 2.1 , SESSION :2(Pharmacology)	Lecture- Introduction to FM and History of FM - (FM 1.1, 1.2)	Lecture - Legal Procedures-1 (IPC,CrPC, Indian evidence Act, Inquest & its types) (FM 1.3)				

WEEK 2									
Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
25.12.23	Monday	Holiday							
26.12.23	Tuesday	Clinical posting			PA 2.4 L Cell Injury III (Cell death, necrosis, apoptosis, autolysis)	MI 3.3 culture media-SGL	Practical: Drug development, Phases of clinical trials, GCP, Promotional Drug Literature (Ph 1.64)		
27.12.23	Wednesday	Clinical posting			Pharmacokinetic -III Metabolism-(PH 1.4) SGL	MI 1.1 Bacterial genetics-Lecture	PA8.3 Basic diagnostic pathology II Practical/SGT/DOAP (Diagnostic histopathology & cytology, staining, interpretation)		
28.12.23	Thursday	Clinical posting			PA 2.4,2.7 L Cell Injury IV (Cell death, necrosis, apoptosis, autolysis, cell aging)	Homeostasis, Metabolic changes in injury and factors affecting it SU1.1,1.2	MI 3.3 Sample collection and transportaion for bateriological analysis- Pandemic module Mi 1.6 Different methods of Antimicrobial sesntivity test		
29.12.23	Friday	Clinical posting			MI 1.6 - Antimicrobials: Antimicrobial agents, antimicrobial resistance, antimicrobial susceptibility testing, Antimicrobial stewardship- Lecture	Demographic profile of India and its impact on health– CM 1.8	Pharmacokinetic IV-Excretion-I (PH 1.4) SGL	Pharmacokinetic V-Excretion-II (PH 1.4) SGL	
30.12.23	Saturday	PA 2.8 Cell injury reversible Practical/SGL/DOAP	Clinic socio-cultural and demographic assessment – CM 2.1	SPORTS/Yoga/ECA					

WEEK 3									
Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
1.1.24	Monday	Clinical Posting			Pharmacokinetic VI- (PH 1.4) SGL	OG 2.1 Anatomy of female reproductive tract + applied anatomy	PA 2.4,2.8 Cell injury irreversible practical/SGL/DOAP		
2.1.24	Tuesday	Clinical Posting			PA2.5,2.6 L Cell Injury V (pathological calcification,Gangrene, cellular adaptation)	MI 3.3 culture methods-SGL	Practical Oral and topical dosage formulations		
3.1.24	Wednesday	Clinical Posting			Pharmacodynamic-I (PH-1.5) SGL	Module-2.1 Infection control committee- Pandemic module- Lecture	PA 23.1, Urine 1 practical/DOAP (Physical and Microscopy)		
4.1.24	Thursday	Clinical Posting			FA Cell Injury	Module-2.1, Hand Hygiene-Pandemic module-SGL+DOAP	MI 1.1 Gram stain-DOAP		
5.1.24	Friday	Clinical Posting			Module-2.1 Use of PPE- Pandemic module,SGL+DOAP	Family, its role in health and disease – CM 2.2	Pharmacodynamic-II (PH-1.5) SGL	Pharmacodynamic-III (PH-1.5) SGL	
6.1.24	Saturday	AETCOM MODULE 2.1 , SESSION :3(Pharmacology)	AETCOM MODULE 2.1 , SESSION :4(Pharmacology)	SGL- Legal Procedures-2 (Courts of law, court proceedings, Dying declaration, Dying Deposition) (FM 1.5,1.6,1.7)	SGL- Latest Updates and Decisions by Court/ Govt; Documentation in medical practice (FM 1.8,1.9)				

WEEK 4

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
8.1.24	Monday	Clinical posting			Pharmacodynamic- IV (PH-1.5 + PH 1.8) SGL	Septicemia IM 4.7	PA 23.1 Urine -2 practical/DOAP (Chemical)		
9.1.24	Tuesday	Clinical posting			PA 4.1 L Inflammation I (Inflammation- types, General features)	MI 1.1 Overview of Gram positive bacterial infection: staphylococcus-Lecture	Practical: Parenteral dosage formulations and newer drug delivery system (PH 1.3 &2.1) (PH 1.12, 2.1, 2.3 &2.4).		
10.1.24	Wednesday	Clinical posting			Pharmacodynamic-V (PH 1.8) SGL	MI 1.1 Overview of Gram positive bacterial infection: streptococcus-Lecture	PA 35.1, 35.3 examination of Cerebrospinal Fluid DOAP/SGL		
11.1.24	Thursday	Clinical posting			PA 4.2 L Inflammation II (acute inflammation)	Shock and its management SU2.1,2,2	MI 8.9 laboratory diagnosis of Gram positive bacterial infections-DOAP		
12.1.24	Friday	Clinical posting			MI 1.1 Overview of Gram Negative Bacterial Infections(E.coli,Klebsiella, salmonella,shigella)-Lecture	Poverty and social security measures and its relationship to health and disease – CM 2.5	Pharmacodynamic-VI (PH 1.8) SGL		Adverse Drug Reactions
13.1.24	Saturday	Research Methodology by Pharmacology Department		Air, water, noise, radiation and pollution– CM 3.1	SPORTS/Yoga/ECA				

WEEK 5

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
15.1.24	Monday	Clinical Posting			PH 1.2 EBM + TDM+ Rational Prescribing (PH-3.1,3.2,1.10) SGL	OG 3.1 Physiology of Menstruation & Ovulation	PA 23.2, 23.3, Semen Analysis / Body Fluid Examination SGL/DOAP		
16.1.24	Tuesday	Clinical posting			PA 4.2 L Inflammation III (acute inflammation)	MI 1.1 Overview of Gram negative Bacterial infections (Vibrio,pseudomonas ,acinatobacter and other non fermenters)-Lecture	Practical: Pharmacovigilance		
17.1.24	Wednesday	Clinical posting			FA 1- General Pharmacology	MI 1.1 Overview of anaerobic infection- Lecture	PA 4.4 Acute inflammation Practical /SGL/DOAP		
18.1.24	Thursday	Clinical posting			PA 4.3 L Inflammation IV (Chronic inflammation)	MI 1.1 General virology-Lecture	MI 8.9 laboratory diagnosis of Gram negative bacterial infections- fermentors and non fermenters-DOAP		
19.1.24	Friday	Clinical posting			MI 3.3 Sample collection and transportaion for virological analysis- SGL-Pandemic module	Water-sources, purification, water quality, and rain water harvesting – CM 3.2	Introduction to ANS + Cholinergic-I (PH1.14) L	Cholinergic-II (PH1.14) SGL	
20.1.24	Saturday	AETCOM MODULE 2.1 , SESSION :5(Pharmacology)	AETCOM MODULE 2.2 , SESSION :1(Microbiology)	Lecture - Death and its causes(FM 2.1-2.3,2.5,2.13,4.7)	SGL- MCCD (FM 1.9-1.11)				

WEEK 6

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM
22.1.24	Monday	Clinical posting			Cholinergic-III (PH-1.14) SGL	IM 9.6-9.12. Anemia Definition Classification & approach to Diagnosis	PA 4.3,4.4 Chronic inflammation Practical /SGL /DOAP	
23.1.24	Tuesday	Clinical posting			PA 5.1 L Inflammation V(Repair and wound healing)	MI 1.1 General parasitology and overview of parasitic infections-Protozoa-Lecture	Setting up of IV drip and Dosage Calculation I	
24.1.24	Wednesday	Clinical posting			Cholinergic-IV (PH-1.14) SGL	MI 1.1 General parasitology and overview of parasitic infections-Helminths-Lecture	PA 13.1, 13.2 Hematology practical 1 (Hematopoiesis, blood collection & Anticoagulants) /DOAP/Practical	
25.1.24	Thursday	Clinical posting			PA 13.1,13.3,13.4,14.1, 14.2 L HematologyI (Hematopoiesis and introduction to aneamia, Iron deficiency anemia)	Blood products and blood transfusion SU3.1	MI 3.3 Lab diagnosis of viral infection- Microscopy,cultivation,serology,molecular te-DOAP	
26.1.24	Friday	Holiday						
27.1.24	Saturday	FA Inflammation	PA15.1,15.2,15.4,17.1 L Hematology II (Megaloblastic anemia, Aplastic anemia)	Water borne diseases– CM 3.3 M	SPORTS/Yoga/ECA			

WEEK 7

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM
29.1.24	Monday	Clinical posting			Anticholinergics-I (PH-1.14) SGL	OG 3.1 Physiology of fertilization, Implantation and gametogenesis	PA 13.4 Haematology practical 2 (Investigations in Anemia) CBC,RBC count and Haemoglobin estimation/DOAP	
30.1.24	Tuesday	Clinical posting			PA 16.1,16.2,16.3 LIII (Hemolytic anemia, sickle cell disease)	MI 3.3 Sample collection and transportation for parasitological analysis-SGL	Setting up of IV drip and Dosage Calculation II (Extra 2 Hours)	
31.1.24	Wednesday	Clinical posting			Anticholinergics-II (PH-1.14) SGL	MI 1.1 General Mycology and overview of fungal infections-yeast and yeast like agents and their infections-Lecture	PA 18.1 Hematology 3 (TC, DC and other leukocytic disorders) /DOAP/Practical 3	
1.2.24	Thursday	Clinical posting			PA16.3,16.4,16.5 L Hematology IV (Hemolytic anaemia, Thalessemia)	MI 1.1 Molds and their significance including dimorphic fungi-Lecture	MI 1.1 Laboratory diagnosis of parasitic infections,stool microscopy-1,peripheral blood smear-1-DOAP	
2.2.24	Friday	Clinical posting			MI 1.1 Normal human microbiota-Lecture	Solid waste and sewage disposal – CM 3.4	Neuromuscular Blockers, (PH-1.15), Ganglion Blockers.	Formative Assessment 2- Ch, Ach, NMB, GB
3.2.24	Saturday	AETCOM MODULE 2.2 , SESSION :2(Microbiology)	AETCOM MODULE 2.2 , SESSION :3(Microbiology)	SGL- Post mortem examination (FM 14.5)				

WEEK 8

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
5.2.24	Monday	Clinical posting			Adrenergic - I (PH-1.13) SGL	IM 9.6-9.12 Iron Deficiency anemia	PA 13.5 Hematology 4 (PS performance) Practical/DOAP		
6.2.24	Tuesday	Clinical posting			PA 18.2 Hematology V (Leukemia)	MI 1.3 Epidemiology of infectious disease- Lecture	Setting up of IV drip and Dosage Calculation III (Formulations & Mannequins (PH4.1) SGL (Extra 2 Hours)		
7.2.24	Wednesday	Clinical posting			Adrenergic - II (PH-1.13) SGL	MI 1.2 Laboratory diagnosis of pulmonary and extrapulmonary TB- Lecture	PA 13.5, 14.3,15.3, 16.6 Hematology (5) (PS interpretation) Practical /DOAP		
8.2.24	Thursday	Clinical posting			PA 20.1 Hematology VI (plasma cell myeloma)) L	Burns and its management SU4.1,4.2	MI 1.1 Diagnosis of fungal infections-KOH mount,gram stain,india ink,LPCB-DOAP		
9.2.24	Friday	Clinical posting			MI 1.4,1.5 Sterilization - lecture	Housing standards – CM 3.5	Adrenergic - III (PH-1.13) SGL	Antiadrenergic - I (PH-1.13) SGL	
10.2.24	Saturday	Research Methodology Home Activity by Pharmacology Department		5.3 Common nutrition related health disorders	SPORTS/Yoga/ECA				

WEEK 9

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
12.2.24	Monday	Clinical posting			Antiadrenergic - II (PH-1.13) SGL	OG 4.1 Basic embryology of fetus	PA 17.2 Hematology (6) (Bone Marrow) Practical /DOAP		
13.2.24	Tuesday	Clinical posting			PA 21.1-21.5 Hematology (7) (Hemorrhagic disorder)	MI 1.4,1.5 Disinfection-Lecture	Practical: Introduction to Experimental Pharmacology + Effect of drugs on BP using CAL		
14.2.24	Wednesday	Clinical posting			Antiadrenergic – III (PH-1.13) SGL	MI 1.7 Immunity (Innate and acquired)- Immunological mechanisms in health-Lecture	PA 21.3 Hematology (7) (Hemorrhagic disorder) Practical /DOAP		
15.2.24	Thursday	Clinical posting			PA 6.1, 6.2 L Hemodynamics I (Edema, Hyperemia, Congestion, Hemorrhage)	MI 1.8 Antigen-SGL	MI 1.1 Acid fast stain-1-DOAP		
16.2.24	Friday	Clinical posting			MI 1.8 Antibody-SGL	5.4 -Factors affecting nutritional status of an individual or families	Formative Assessment 3- ANS	Formative Assessment 4 - Research Methodology by Pharmacology Department	
17.2.24	Saturday	AETCOM MODULE 2.3, SESSION :1(Microbiology)	AETCOM MODULE 2.3 , SESSION :2(Microbiology)	Lecture - Medicolegal Autopsy-1 (FM 2.11 - 2.13,2.14-2.17)					

WEEK 10

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
19.2.24	Monday	Clinical posting			Autocoids -I (1.16) (Histamine & H1 anti-histaminic) L	IM 9.6-9.12 Megaloblastic anemia	Anemia CBL		
20.2.24	Tuesday	Clinical posting			PA 6.3 L Hemodynamics II (shock)	MI 1.8: Antigen antibody reaction-1-Lecture	Practical: Prescription writing (Ph 3.1)		
21.2.24	Wednesday	Clinical posting			PGs-NSAIDs-I (1.16) L	MI 1.8: Antigen antibody reaction-2-Lecture	PA 6.4 L Hemodynamics IV (thrombosis)	PA 3.1 L Amyloidosis	
22.2.24	Thursday	Clinical posting			PA 6.4 L HemodynamicsIII (thrombosis)	Wound healing, factors affecting it and its management SU5.1,5.3	MI 1.8: Complement system-SGL	Practical FA (35 marks)+ Theory FA	
23.2.24	Friday	Clinical posting			MI 1.8: Immune response: Antibody mediated-Lecture	5.5 Nutritional surveillance, nutritional education and rehabilitation in the context of socio cultural factors	NSAIDs-II (1.16) L	NSAIDs-III (1.16) L	
24.2.24	Saturday	FA Hematology + PS skill assessment		5.6 National nutritional policy, important nutritional programs.	SPORTS/Yoga/ECA				

WEEK 11

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
26.2.24	Monday	Clinical posting			NSAIDs-IV (1.16) L	OG 4.1 Fetal growth and development	PA 6.1, 6.2, 6.5 Hemodynamics I Practical		
27.2.24	Tuesday	Clinical posting			PA 6.5 L Hemodynamics V (embolism)	MI 1.8: Immune response: cell mediated-Lecture	Practical: Critical appraisal of prescription/ Prescription audit.		
28.2.24	Wednesday	Clinical posting			5 HT & related drugs - Migraine (1.16) L	Practical FA (35 marks)	PA 6.7, 3.2 Hemodynamics II +, Amyloidosis Practical		
29.2.24	Thursday	Clinical posting			PA 6.6 L Hemodynamics VI (ischemia/infarction)	MI 1.8 Components of Immune system- organs, cells and products-Lecture	MI 1.3 CSSD visit		
1.3.24	Friday	Clinical posting			MI 1.10 Hypersensitivity- Lecture	5.7. Food hygiene, the effects of additives and adulteration	Rheumatoid arthritis (1.16) L	Gout (1.16) L	
2.3.24	Saturday	AETCOM MODULE 2.4 , SESSION :1(Pathology)	AETCOM MODULE 2.4 , SESSION :2(Pathology)	PME & PMR Writing (FM 2.14) SGL					

WEEK 12

Date	Day	9-10 AM	10-11 AM	11-12 AM	12-1 PM	2-3 PM	3-4 PM	4-5 PM	
4.3.24	Monday	Clinical posting			FA 5 Autocoids	IM 9.17, 9.18 Blood Component and Blood Transfusion	Hemodynamics CBL		
5.3.24	Tuesday	Clinical posting			SDL	MI 1.9 Immunoprophylaxis (Integrated with pathology)-Lecture	Practical: P-drug		
6.3.24	Wednesday	Clinical posting			Drugs for Diarrhea & Constipation (PH 1.34) L	MI 1.11 Transplant and cancer immunology-Lecture	Practical Revision		
7.3.24	Thursday	Clinical posting			FA Hemodynamics	Surgical infections : prophylactic and therapeutic antibiotics SU6.1,6.2	MI 1.10Autoimmunity and Immunodeficiency disorders-SGL		
8.3.24	Friday	Holiday							
9.3.24	Saturday	General Principle of chemotherapy-I (1.42) SGL	General Principle of chemotherapy-II (1.42) SGL	7.1 Epidemiology and the principles, concepts and uses	SPORTS/Yoga/ECA				

