

## Teaching Schedule for Supplementary Batch (2023-2024)

Day	8-9 Lecture	9-10 Lecture	10-11 Lecture	11-1 SGD/DOAP	2-3 Lecture	3-4 lecture	4-5 Lecture
Day 1	<b>Pathology</b> Cell adaptation, Intracellular accumulation, calcification  Dr. Harsha Dr. Vishal	<b>Microbiology</b> Introduction to Microbiology and Laboratory Diagnosis of Bacterial Infections,  Dr.Vinay Khanna Dr.Archit	<b>Pharmacology</b> Introduction to Pharmacology Dr Chandini	<b>SGD/DOAP</b> Pharmacology Sources of drug information and drug nomenclature Dr Harshini  <b>SGD - Dosage forms 1 and dosage schedules</b> Dr Basher Dr Siddhant	<b>Pathology</b> Cell injury, Necrosis and free radicals  Dr. Reeza Dr. Aditi	<b>Microbiology</b> Overview of Bacterial Infections and Pathogenesis, Bacterial Growth and Nutrition and Morphology of the bacteria Dr.Vinay Khanna Dr.Archit	<b>Pharmacology</b> Routes, drug delivery system Dr Chandini
Day 2	<b>Pharmacology + DOAP</b> Dosage forms 2 (Liquid forms)  Dr Bishaka Dr Yashwin	<b>Pathology</b> Repair, Cell aging  Dr. Pradhan Dr. Urvee	<b>Microbiology</b> Bacterial Genetics Dr.Vishnu Dr.Karen	<b>SGD/DOAP – Pathology</b> Dry gangrene, wet gangrene. Fatty liver, Acute appendicitis (gross & microscopy), Rhinosporidiosis (microscopy), TB lymph node (gross & microscopy), Leprosy (microscopy).  Dr. Nivita Dr. Jahnvi	<b>Pharmacology</b> Pharmacokinetics – ADME (Absorption) Dr Amrita	<b>Pathology</b> Apoptosis Dr. Renil Dr. Shalini	<b>Microbiology</b> Sterilization and disinfections Dr.Vishnu Dr.Karen
Day 3	<b>Microbiology</b> Hospital Acquired Infections Dr.Barnini Dr.Ishleen	<b>Pharmacology</b> Pharmacokinetics ADME(Distribution, PPB) Dr Amrita	<b>Pathology</b> Inflammation - definition, types, cellular and vascular events in inflammation Dr. Visagan Dr. Debashree	<b>Microbiology DOAP</b> MI 1.1: Culture methods used in diagnostic Microbiology, spotters & introduction to stool microscopy	<b>Microbiology</b> Antimicrobial Stewardship Dr.Barnini Dr.Ishleen	<b>Pharmacology</b> Pharmacokinetics – ADME Metabolism Dr Jeffrey	<b>Pathology</b> Chemical mediators in inflammation Dr. Shatavisa Dr. Sowmya

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Day 4	<b>Pathology</b> Chronic inflammation and granuloma  Dr. Ravichandran Dr. Pulkit	<b>Microbiology</b> Mechanisms of Drug Resistance Dr. Padmaja Dr. Alfa	<b>Pharmacology</b> Pharmacokinetics – Excretion, Kinetics of Elimination, TDM, Methods to prolong drug action Dr. Jeffrey	<b>SGD/DOAP</b> Pharmacology P/D-1, Introduction to receptors Dr. Meena Kumari (11am-12 pm). Practical (12-1 pm) (aspiration from ampoule, vial-DOAP Dr. Smita Shenoy, Dr. Likhit	<b>Pathology</b> Neoplasia - definition, difference between benign and malignant tumors. Metastasis - type and mechanism  Dr. Antony Dr. Yashasvi	<b>Microbiology</b> Biomedical Waste and Spills Management Dr. Padmaja Dr. Alfa	<b>Pharmacology</b> P/D-2, Signal transduction mechanisms Dr. Meena Kumari
Day 5	<b>Pharmacology</b> Pandemic module 2.5- Clinical trials and drug development Dr. Jeffrey	<b>Pathology</b> Molecular basis of cancer  Dr. Guru Dr. Mythri	<b>Microbiology</b> Overview of Fungal Infections and Laboratory Diagnosis Dr. Prakash Dr. Smrithy	<b>SGD/DOAP</b> <b>Pathology</b> Adenoma (G), lipoma (G) & (M) Cavernous hemangioma (M) squamous papilloma (M), squamous cell carcinoma. Metastasis - Lung, liver (G), Adenocarcinoma colon (G, M)  Dr. Naureen Dr. Vichitra	<b>Pharmacology</b> SGD -Factors modifying drug action, synergism, antagonism, FDC  Dr. Reena	<b>Pathology</b> Viral, chemical and radiation carcinogenesis  Dr. Suyasha Dr. Shambvi	<b>Microbiology</b> Overview of Viral Infections and Laboratory Diagnosis Dr. Prakash Dr. Smrithy
Day 6	<b>Microbiology</b> Overview of Parasitic Infections and Laboratory Diagnosis Dr. Vinay K Dr. Archit	<b>Pharmacology</b> SGD – DRC Dr. Shalini Adiga	<b>Pathology</b> Paraneoplastic syndrome and tumor immunity  Dr. Chaitra Dr. Kanimozhi	<b>Microbiology</b> Microbiology DOAP MI 1.2: Gram stain – Introduction	<b>Microbiology</b> Components of the Immune System Dr. Shashidhar Dr. Karen	<b>Pharmacology</b> SGD -DI, EBM, Rational use of medicines Dr. Shreya Gupta	<b>Pathology</b> Tumor markers, Lab diagnosis, Exfoliative cytology & FNAC  Dr. Vinod Dr. Richa