

MUZAFFARNAGAR MEDICAL COLLEGE									
MONTHLY TEACHING SCHEDULE									
MONTH: February 2025									
NAME OF THE DEPARTMENT: General Medicine									
S.NO	NAME OF FACULTY	DESIGNATION	BATCH	DATE	DAY	TIMING	PRACTICAL TOPIC	DEMONSTRATION TOPIC	LECTURE TOPIC
1	Dr. Amit Bhadauria	Assistant Professor	2022	01.02.2025	Saturday	02:00 PM to 04:00 PM	-	<p>Heart Failure IM 1.5</p> <p>Describe, discuss and differentiate the processes involved in R Vs L heart failure, systolic vs diastolic failure.</p> <p>Vertical Integration with Pathology & Physiology IM 1.6</p> <p>Describe and discuss the compensatory mechanisms involved in heart failure including cardiac remodelling and neurohormonal adaptations</p> <p>Vertical Integration with Pathology & Physiology</p>	-
2	Dr. Ashesh Nagar	Assistant Professor	2022	04.02.2025	Tuesday	08:00 AM to 09:00 AM	-	-	<p>Liver Disease IM 5.6</p> <p>Describe and discuss the pathophysiology, clinical evolution and complications of cirrhosis and portal hypertension including ascites, spontaneous bacterial peritonitis, hepatorenal syndrome and hepatic encephalopathy.</p> <p>Vertical Integration with Pathology</p>
3	Dr. Vishnu Garg	Assistant Professor	2022	04.02.2025	Tuesday	02:00 PM to 04:00 PM	-	<p>Fever and febrile syndromes IM 4.5</p> <p>Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node malignancies.</p> <p>Vertical Integration with Pathology & Microbiology IM 4.6</p> <p>Discuss and describe the pathophysiology and manifestations of malaria</p> <p>Vertical Integration with Microbiology</p>	-

4	Dr. Amit Bhadauria	Assistant Professor	2022	08.02.2025	Saturday	02:00 PM to 04:00 PM	-	<p>Heart Failure IM 1.7</p> <p>Enumerate, describe and discuss the factors that exacerbate heart, dietary factors drugs etc.</p> <p>Vertical Integration with Pathology & Physiology IM 1.8</p> <p>Describe and discuss the pathogenesis and development of common arrhythmias involved in heart failure particularly atrial fibrillation</p> <p>Vertical Integration with Pathology & Physiology</p>	-
5	Dr. Ashesh Nagar	Assistant Professor	2022	11.02.2025	Tuesday	08:00 AM to 09:00 AM	-	-	<p>Liver Disease IM 5.7</p> <p>Enumerate and describe the causes and pathophysiology of drug induced liver injury.</p> <p>Vertical Integration with Pathology & Pharmacology IM 5.8</p> <p>Describe and discuss the pathophysiology, clinical evolution and complications cholelithiasis and cholecystitis.</p> <p>Vertical Integration with General Surgery</p>
6	Dr.Mangat Ram Passi	Professor	2022	11.02.2025	Tuesday	02:00 PM to 04:00 PM	-	<p>Fever and febrile syndromes IM 4.7</p> <p>Discuss and describe the pathophysiology and manifestations of the sepsis syndrome.</p> <p>IM 4.8</p> <p>Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of unknown origin (FUO) including in a normal host, neutropenic host, nosocomial host and a host with HIV disease</p> <p>Vertical Integration with Microbiology</p>	-

7	Dr. Amit Bhadauria	Assistant Professor	2022	15.02.2025	Saturday	02:00 PM to 04:00 PM	-	<p>Heart Failure IM 1.9</p> <p>Describe and discuss the clinical presentation and features, diagnosis, recognition and management of acute rheumatic fever</p> <p>Vertical Integration with Pathology & Physiology IM 1.10</p> <p>Elicit document and present an appropriate history that will establish the diagnosis, cause and severity of heart failure including: presenting complaints, precipitating and exacerbating factors, risk factors exercise tolerance, changes in sleep patterns, features suggestive of infective endocarditis</p>	-
8	Dr. Ashesh Nagar	Assistant Professor	2022	18.02.2025	Tuesday	08:00 AM to 09:00 AM	-	-	<p>Liver Disease IM 5.9</p> <p>Elicit document and present a medical history that helps delineate the aetiology of the current presentation and includes clinical presentation, risk factors, drug use, sexual history, vaccination history and family history.</p> <p>IM 5.10</p> <p>Perform a systematic examination that establishes the diagnosis and severity that includes nutritional status, mental status, jaundice, abdominal distension ascites, features of portosystemic hypertension and hepatic encephalopathy.</p>
9	Dr.Mangat Ram Passi	Assistant Professor	2022	18.02.2025	Tuesday	02:00 PM to 04:00 PM	-	<p>Fever and febrile syndromes IM 4.9</p> <p>Elicit document and present a medical history that helps delineate the aetiology of fever that includes the evolution and pattern of fever, associated symptoms, immune status, comorbidities, risk factors, exposure through occupation, travel and environment and medication use</p> <p>Vertical Integration with Microbiology IM 4.10</p> <p>Perform a systematic examination that establishes the diagnosis and severity of presentation that includes: general skin mucosal and lymph node examination, chest and abdominal examination (including examination of the liver and spleen)</p>	-

10	Dr. Amit Bhadauria	Assistant Professor	2022	22.02.2025	Saturday	02:00 PM to 04:00 PM	-	<p>Medicine Heart Failure IM 1.19</p> <p>Enumerate the indications for and describe the findings of heart failure with the following conditions including: 2D echocardiography, brain natriuretic peptide, exercise testing, nuclear medicine testing and coronary angiogram.</p> <p>Vertical Integration with Radiodiagnosis IM 1.20</p> <p>Determine the severity of valvular heart disease based on the clinical and laboratory and imaging features and determine the level of intervention required including surgery IM 1.21</p> <p>Describe and discuss and identify the clinical features of acute and subacute endocarditis, echocardiographic findings, blood culture and sensitivity and therapy</p>	-
11	Dr. Ashesh Nagar	Assistant Professor	2022	25.02.2025	Tuesday	08:00 AM to 09:00 AM	-	-	<p>Liver Disease IM 5.13</p> <p>Enumerate the indications for ultrasound and other imaging studies including MRCP and ERCP and describe the findings in liver disease.</p> <p>Vertical Integration with Radiodiagnosis Horizontal Integration with General Surgery IM 5.5</p> <p>Outline a diagnostic approach to liver disease based on hyperbilirubinemia, liver function changes and hepatitis serology.</p> <p>Vertical Integration with Pathology & Microbiology</p>

12	Dr.Mangat Ram Passi	Assistant Professor	2022	25.02.2025	Tuesday	02:00 PM to 04:00 PM	-	<p>Fever and febrile syndromes IM 4.11 Generate a differential diagnosis and prioritise based on clinical features that help distinguish between infective, inflammatory, malignant and rheumatologic causes Vertical Integration with Microbiology & Community Medicine IM 4.12 Order and interpret diagnostic tests based on the differential diagnosis including: CBC with differential, peripheral smear, urinary analysis with sediment, Chest X ray, blood and urine cultures, sputum gram stain and cultures, sputum AFB and cultures, CSF analysis, pleural and body fluid analysis, stool routine and culture and QBC Vertical Integration with Pathology & Microbiology</p>	-
13	Dr. Amit Bhadauria	Assistant Professor	2022	01.03.2025	Saturday	02:00 PM to 04:00 PM	-	<p>Heart Failure IM 1.23 Describe, prescribe and communicate non pharmacologic management of heart failure including sodium restriction, physical activity and limitations IM 1.24 Describe and discuss the pharmacology of drugs including indications, contraindications in the management of heart failure including diuretics, ACE inhibitors, Beta blockers, aldosterone antagonists and cardiac glycosides Vertical Integration with Pharmacology IM 1.25 Enumerate the indications for valvuloplasty, valvotomy, coronary revascularization and cardiac transplantation</p>	-
14	Dr. Vishnu Garg	Assistant Professor	2023	08.02.2025	Saturday	12:00 Noon to 01:00 PM	-	-	<p>Pharmacology PH – 1.36 (b) Drug Affecting RAAS System IM 12.15 (Thyroid dysfunction) Describe and discuss the indications of thionamide therapy, radio iodine therapy and surgery in the management of thyrotoxicosis PH – 1.25</p>