

MUZAFFARNAGAR MEDICAL COLLEGE									
MONTHLY TEACHING SCHEDULE									
MONTH: July 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. Subodh Prakash	Professor	2021	02.07.2025	Wednesday	02:00 PM to 04:00 PM	-	Thyroid Dysfunction IM 12.13 Describe the pharmacology, indications, adverse reaction, interactions of thyroxine and antithyroid drugs Vertical Integration with Pharmacology Horizontal Integration with General Surgery IM 12.14 Write and communicate to the patient appropriately a prescription for thyroxine based on age, sex, and clinical and biochemical status Vertical Integration with Pharmacology IM 12.15 Describe and discuss the indications of thionamide therapy, radio iodine therapy and surgery in the management of thyrotoxicosis Vertical Integration with Pharmacology Horizontal Integration with General Surgery	-

2	Dr. Bonitta	Assistant Professor	2021	03.07.2025	Thursday	08:00 AM to 09:00 AM	-	-	Pneumonia IM 3.10 Demonstrate the correct technique in a mannequin and interpret results of a blood culture Vertical Integration with Microbiology IM 3.11 Describe and enumerate the indications for further testing including HRCT, Viral cultures, PCR and specialised testing Vertical Integration with Radiodiagnosis & Microbiology IM 3.12 Select, describe and prescribe based on the most likely aetiology, an appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum Vertical Integration with Pharmacology & Microbiology IM 3.13 Select, describe and prescribe based on culture and sensitivity appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum. Vertical Integration with Pharmacology & Microbiology
3	Dr. T. V. S. Arya	Professor	2021	05.07.2025	Saturday	12:00 Noon to 01:00 PM	-	-	Obesity IM 14.13 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for obesity Vertical Integration with Pharmacology IM 14.14 Describe and enumerate the indications and side effects of bariatric surgery Horizontal Integration with General Surgery IM 14.15 Describe and enumerate and educate patients, health care workers and the public on measures to prevent obesity and promote a healthy lifestyle

4	Dr. Subodh Prakash	Professor	2021	09.07.2025	Wednesday	02:00 PM to 04:00 PM	-	Common Malignancies IM 13.1 Describe the clinical epidemiology and inherited & modifiable risk factors for common malignancies in India Vertical Integration with Pathology & Biochemistry IM 13.2 Describe the genetic basis of selected cancers Vertical Integration with Pathology IM 13.3 Describe the relationship between infection and cancers Vertical Integration with Pathology & Microbiology	-
5	Dr. Bonitta	Assistant Professor	2021	10.07.2025	Thursday	08:00 AM to 09:00 AM	-	-	Pneumonia IM 3.14 Perform and interpret a sputum gram stain and AFB Vertical Integration with Microbiology IM 3.15 Describe and enumerate the indications for hospitalisation in patients with pneumonia IM 3.16 Describe and enumerate the indications for isolation and barrier nursing in patients with pneumonia.
6	Dr. T. V. S. Arya	Professor	2021	12.07.2025	Saturday	12:00 Noon to 01:00 PM	-	-	GI Bleeding IM 15.1 Enumerate, describe and discuss the aetiology of upper and lower GI bleeding Vertical Integration with Pathology Horizontal Integration with General Surgery IM 15.2 Enumerate, describe and discuss the evaluation and steps involved in stabilizing a patient who presents with acute volume loss and GI bleed Vertical Integration with Pathology Horizontal Integration with General Surgery IM 15.3 Describe and discuss the physiologic effects of acute blood and volume loss Vertical Integration with Pathology & Physiology Horizontal Integration with General Surgery

7	Dr. Subodh Prakash	Professor	2021	16.07.2025	Wednesday	02:00 PM to 04:00 PM	-	Common Malignancies IM 13.4 Describe the natural history, presentation, course, complications and cause of death for common cancers Vertical Integration with Pathology IM 13.5 Describe the genetic basis of selected cancers IM 13.6 Describe the relationship between infection and cancers Vertical Integration with Pharmacology	-
8	Dr. T. V. S. Arya	Professor	2021	26.07.2025	Saturday	12:00 Noon to 01:00 PM	-	-	GI Bleeding IM 15.6 Distinguish between upper and lower gastrointestinal bleeding based on the clinical features Horizontal Integration with General Surgery IM 15.10 Enumerate the indications for endoscopy, colonoscopy and other imaging procedures in the investigation of Upper GI bleeding Horizontal Integration with General Surgery IM 15.11 Develop, document and present a treatment plan that includes fluid resuscitation, blood and blood component transfusion, and specific therapy for arresting blood loss Vertical Integration with Pathology Horizontal Integration with General Surgery

9	Dr. Subodh Prakash	Professor	2021	30.07.2025	Wednesday	02:00 PM to 04:00 PM	-	Common Malignancies IM 13.7 Elicit document and present a history that will help establish the aetiology of cancer and includes the appropriate risk factors, duration and evolution Horizontal Integration with General Surgery IM 13.8 Perform and demonstrate a physical examination that includes an appropriate general and local examination that excludes the diagnosis, extent spread and complications of cancer Horizontal Integration with General Surgery IM 13.9 Demonstrate in a mannequin the correct technique for performing breast exam, rectal examination and cervical examination and pap smear Vertical Integration with Human Anatomy & General Surgery	-
10	Dr. Bonitta	Assistant Professor	2021	29.05.2025	Thursday	31.07.2025	-	-	Fever and Febrile Syndromes IM 4.1 Describe and discuss the febrile response and the influence of host immune status, risk factors and comorbidities on the febrile response Vertical Integration with Microbiology IM 4.2 Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel Vertical Integration with Microbiology IM 4.3 Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including bacterial, parasitic and viral causes (e.g. Dengue, Chikungunya, Typhus) Vertical Integration with Microbiology & Community Medicine

11	Dr. T. V. S. Arya	Professor	2021	02.08.2025	Saturday	12:00 Noon to 01:00 PM	-	-	GI Bleeding IM 15.12 Enumerate the indications for whole blood, component and platelet transfusion and describe the clinical features and management of a mismatched transfusion Vertical Integration with Pathology Horizontal Integration with General Surgery IM 15.14 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of pressors used in the treatment of Upper GI bleed Vertical Integration with Pharmacology Horizontal Integration with General Surgery IM 15.15 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy of acid peptic disease including Helicobacter pylori Vertical Integration with Pharmacology & Microbiology Horizontal Integration with General Surgery
Kawar Leave from 17.07.2025 to 24.07.2025									
12	Dr. Ashesh Nagar	Assistant Professor	2022	07.07.2025	Monday	08:00 AM to 09:00 AM	-	-	Hypertension IM 8.1 Describe and discuss the epidemiology, aetiology and the prevalence of primary and secondary hypertension. Vertical Integration with Pathology & Physiology IM 8.2 Describe and discuss the pathophysiology of hypertension. Vertical Integration with Pathology & Physiology IM 8.3 Describe and discuss the genetic basis of hypertension. Vertical Integration with Pathology

13	Dr. Mangat Ram Passi	Professor	2022	08.07.2025	Tuesday	02:00 PM to 04:00 PM	-	Acute Kidney Injury and Chronic renal IM 10.7 Describe and discuss the pathophysiology and clinical findings of uraemia Vertical Integration with Pathology IM 10.8 Classify, describe and discuss the significance of proteinuria in CKD Vertical Integration with Pathology IM 10.9 Describe and discuss the pathophysiology of anemia and hyperparathyroidism in CKD Vertical Integration with Pathology	-
14	Dr. Ashesh Nagar	Assistant Professor	2022	14.07.2025	Monday	08:00 AM to 09:00 AM	-	-	Hypertension IM 8.4 Define and classify hypertension. Vertical Integration with Pathology IM 8.5 Describe and discuss the differences between primary and secondary hypertension. Vertical Integration with Pathology IM 8.6 Define, describe and discuss and recognise hypertensive urgency and emergency.
15	Dr. Ashesh Nagar	Assistant Professor	2022	04.08.2025	Monday	08:00 AM to 09:00 AM	-	-	Hypertension IM 8.7 Describe and discuss the clinical manifestations of the various aetiologies of secondary causes of hypertension. Vertical Integration with Pathology IM 8.8 Describe, discuss and identify target organ damage due to hypertension. Vertical Integration with Pathology IM 8.9 Elicit document and present a medical history that includes: duration and levels, symptoms, comorbidities, lifestyle, risk factors, family history, psychosocial and environmental factors, dietary assessment, previous and concomitant therapy.

16	Dr. Mangat Ram Passi	Professor	2022	05.08.2025	Tuesday	02:00 PM to 04:00 PM	-	Acute Kidney Injury and Chronic renal IM 10.10 Describe and discuss the association between CKD glycemia and hypertension Vertical Integration with Pathology IM 10.11 Describe and discuss the relationship between CAD risk factors and CKD and in dialysis Vertical Integration with Pathology IM 10.12 Elicit document and present a medical history that will differentiate the aetiologies of disease, distinguish acute and chronic disease, identify predisposing conditions, nephrotoxic drugs and systemic causes	-
Kawar Leave from 17.07.2025 to 24.07.2025									
Terminal Exam IInd from 28.07.2025 to 01.08.2025									
17	Dr. Amit Bhadauria	Assistant Professor	2023	02.07.2025	Wednesday	08:00 AM to 09:00 AM	-	-	The Role of the Physician in the Community IM 26.27 Demonstrate personal grooming that is adequate and appropriate for health care responsibilities
18	Dr. Amit Bhadauria	Assistant Professor	2023	07.07.2025	Monday	08:00 AM to 09:00 AM	-	-	The Role of the Physician in the Community IM 26.28 Demonstrate adequate knowledge and use of information technology that permits appropriate patient care and continued learning
19	Dr. Amit Bhadauria	Assistant Professor	2023	16.07.2025	Wednesday	08:00 AM to 09:00 AM	-	-	The Role of the Physician in the Community IM 26.29 Communicate diagnostic and therapeutic options to patient and family in a simulated environment
20	Dr. Amit Bhadauria	Assistant Professor	2023	28.07.2025	Monday	08:00 AM to 09:00 AM	-	-	The Role of the Physician in the Community IM 26.30 Communicate care opitons to patient and family with a terminal illness in a simulated environment
21	Dr. Amit Bhadauria	Assistant Professor	2023	30.07.2025	Wednesday	08:00 AM to 09:00 AM	-	-	The Role of the Physician in the Community IM 26.31 Demonstrate awareness of limitations and seeks help and consultations appropriately