

MUZAFFARNAGAR MEDICAL COLLEGE									
MONTHLY TEACHING SCHEDULE									
MONTH: APRIL 2026									
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	2022	01.04.2026	Wednesday	02:00 PM to 04:00 PM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building		<b>Thyroid Dysfunction</b> IM12.1 Describe the epidemiology and pathogenesis of hypothyroidism and hyperthyroidism including the influence of iodine deficiency and autoimmunity in the pathogenesis of thyroid disease IM12.2 Describe and discuss the genetic basis of some forms of thyroid dysfunction IM12.3 Describe and discuss the physiology of the hypothalamopituitary - thyroid axis, principles of thyroid function testing and alterations in physiologic function	
2	Dr. Bonitta R. Abraham	Assistant Professor	2022	02.04.2026	Tuesday	08:00 AM to 09:00 AM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building			<b>Pneumonia</b> IM3.4 Elicit document and present an appropriate history including the evolution, risk factors including immune status and occupational risk IM3.5 Perform, document and demonstrate a physical examination including general examination and appropriate examination of the lungs that establishes the diagnosis, complications and severity of disease IM3.6 Generate document and present a differential diagnosis based on the clinical features, and prioritise the diagnosis based on the presentation
3	Dr. Tung Vir Singh Arya	Professor	2022	04.04.2026	Saturday	12:00 AM to 01:00 PM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building			<b>Obesity</b> IM14.4 Describe and discuss the impact of environmental factors including eating habits, food, work, environment and physical activity on the incidence of obesity IM14.5 Describe and discuss the natural history of obesity and its complications IM14.6 Elicit and document and present an appropriate history that includes the natural history, dietary history, modifiable risk factors, family history, clues for secondary causes and motivation to lose weight

4	Dr. Subodh Prakash	Professor	2022	22.04.2026	Wednesday	02:00 PM to 04:00 PM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building		<p><b>Thyroid Dysfunction</b></p> <p>IM12.4 Describe and discuss the principles of radio iodine uptake in the diagnosis of thyroid disorders</p> <p>IM12.5 Elicit document and present an appropriate history that will establish the diagnosis cause of thyroid dysfunction and its severity</p> <p>IM12.6 Perform and demonstrate a systematic examination based on the history that will help establish the diagnosis and severity including systemic signs of thyrotoxicosis and hypothyroidism, palpation of the pulse for rate and rhythm abnormalities, neck palpation of the thyroid and lymph nodes and cardiovascular findings</p>	
5	Dr. Bonitta R. Abraham	Assistant Professor	2022	23.04.2026	Tuesday	08:00 AM to 09:00 AM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building		<p><b>Pneumonia</b></p> <p>IM3.7 Order and interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum gram stain, sputum culture and sensitivity, pleural fluid examination and culture, HIV testing and ABG</p> <p>IM3.8 Demonstrate in a mannequin and interpret results of an arterial blood gas examination</p> <p>IM3.9 Demonstrate in a mannequin and interpret results of a pleural fluid aspiration</p>	
6	Dr. Tung Vir singh Arya	Professor	2022	25.04.2026	Saturday	12:00 AM to 01:00 PM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building		<p><b>Obesity</b></p> <p>IM14.13 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for obesity</p> <p>IM14.14 Describe and enumerate the indications and side effects of bariatric surgery</p> <p>IM14.15 Describe and enumerate and educate patients, health care workers and the public on</p>	

									measures to prevent obesity and promote a healthy lifestyle
7	Dr. Subodh Prakash	Professor	2022	29.04.2025	Wednesday	02:00 PM to 04:00 PM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building			<b>Thyroid Dysfunction</b> IM12.7 Demonstrate the correct technique to palpate the thyroid IM12.8 Generate a differential diagnosis based on the clinical presentation and prioritise it based on the most likely diagnosis IM12.9 Order and interpret diagnostic testing based on the clinical diagnosis including CBC, thyroid function tests and ECG and radio iodine uptake and scan
8	Dr. Bonitta R. Abraham	Assistant Professor	2022	30.04.2026	Tuesday	08:00 AM to 09:00 AM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building			<b>Pneumonia</b> IM3.10 Demonstrate the correct technique in a mannequin and interpret results of a blood culture IM3.11 Describe and enumerate the indications for further testing including HRCT, Viral cultures, PCR and specialised testing IM3.12 Select, describe and prescribe based on the most likely aetiology, an appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum IM3.13 Select, describe and prescribe based on culture and sensitivity appropriate empirical antimicrobial based on the pharmacology and antimicrobial spectrum
9	Dr. Amit Bhadauria	Assistant Professor	2024	06.04.2026	Monday	08:00 AM to 09:00 AM LT – 03, 03 <sup>rd</sup> Floor, Para - Clinical Block,			<b>Fever and febrile syndromes</b> IM4.13 Perform and interpret a sputum gram stain IM4.14 Perform and interpret a sputum AFB IM4.15 Perform and interpret a malarial smear IM4.16 Enumerate the indications and describe the findings in tests of inflammation and specific rheumatologic tests, serologic testing for pathogens including HIV, bone marrow aspiration and biopsy

10	Dr. Amit Bhadauria	Assistant Professor	2024	13.04.2026	Monday	08:00 AM to 09:00 AM LT – 03, 03 <sup>rd</sup> Floor, Para - Clinical Block,			<p><b>Fever and febrile syndromes</b></p> <p>IM. 17 Observe and assist in the performance of a bone marrow aspiration and biopsy in a simulated environment</p> <p>IM .18 Enumerate the indications for use of imaging in the diagnosis of febrile syndromes</p> <p>IM .19 Assist in the collection of blood and wound cultures</p> <p>IM .20 Interpret a PPD (Mantoux)</p>
11	Dr. Amit Bhadauria	Assistant Professor	2024	20.04.2026	Monday	08:00 AM to 09:00 AM LT – 03, 03 <sup>rd</sup> Floor, Para - Clinical Block,			<p><b>Fever and febrile syndromes</b></p> <p>IM .21 Develop and present an appropriate diagnostic plan based on the clinical presentation, most likely diagnosis in a prioritised and cost effective manner</p> <p>IM.22 Describe and discuss the pharmacology, indications, adverse reactions, interactions of antimalarial drugs and basis of resistance</p> <p>IM .23 Prescribe drugs for malaria based on the species identified, prevalence of drug resistance and national programs</p>
12	Dr. Amit Bhadauria	Assistant Professor	2024	27.04.2026	Monday	08:00 AM to 09:00 AM LT – 03, 03 <sup>rd</sup> Floor, Para - Clinical Block,			<p><b>Fever and febrile syndromes</b></p> <p><b>IM4.4</b> Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever</p> <p><b>IM 4.5</b> Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node</p>

									<p>malignancies</p> <p><b>IM 4.6</b> Discuss and describe the pathophysiology and manifestations of malaria</p>
13	Dr. Swatntra Singh	Assistant Professor	2023	06.04.2026	Monday	08:00 AM to 09:00 AM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building			<p>Hypertension</p> <p>IM 8.4 Define and classify hypertension</p> <p>IM8.5 Describe and discuss the differences between primary and secondary hypertension</p> <p>IM8.6 Define, describe and discuss and recognise hypertensive urgency and emergency</p>
14	Dr. Swatntra Singh	Assistant Professor	2023	13.04.2026	Monday	08:00 AM to 09:00 AM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building			<p>Hypertension</p> <p>IM 8.7 Describe and discuss the clinical manifestations of the various aetiologies of secondary causes of hypertension</p> <p><b>Vertical Intergration with Pathology</b></p> <p>IM8.8 Describe, discuss and identify target organ damage due to hypertension</p> <p>IM8.9 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</p>
16	Dr. Swatntra Singh	Assistant Professor	2023	27.04.2026	Monday	08:00 AM to 09:00 AM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building			<p>Hypertension</p> <p>IM 8.10 Perform a systematic examination that includes : an accurate measurement of blood pressure, fundus examination, examination of vasculature and heart</p> <p>IM8.11 Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology</p> <p>IM8.12 Describe the appropriate diagnostic work up based on the presumed aetiology</p>

17	Dr. Radheshyam Verma	Associate Professor	2023	28.04.2026	Tuesday	02:00 PM to 04:00 PM LT – 04, 04 <sup>th</sup> Floor, C - Block, New Building		<b>Acute Kidney Injury and Chronic renal</b> IM 10.4 Describe the evolution, natural history and treatment of ARF IM10.5 Describe and discuss the aetiology of CRF  IM10.6 Stage Chronic Kidney Disease	
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