

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

### Department of Microbiology

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule in Microbiology (Week 1–52)

Week – 1

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 1.1 - Discuss notable historical events, scientific developments and contributions of key scientists in the evolution of medical microbiology - LGT	
Wednesday					MI 1.4 - Microscopy & Staining Methods - LGT
Thursday	MI 1.1 - Discuss the role of Microbes in health and diseases - LGT				
Friday					

Saturday		<b>Roll No : 1-38</b> <b>MI 1.6 - Demonstrate sample collection &amp; Transportation including instruction given to patients before sample collection - DOAP</b>		<b>MI 1.2 - Morphology of Bacteria - LGT</b>	
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**Hind Institute of Medical Sciences, Mau, Ataria, Sitapur**  
**2nd Professional MBBS (Batch – 2024-25) Teaching Schedule**  
**Week – 2**

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM	
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical	
Monday						
Tuesday					<b>MI 1.2 - Physiology of Bacteria - LGT</b>	
Wednesday						<b>MI 1.10 - Perform Gram Stain - DOAP</b>
Thursday	<b>MI 1.1 - Normal Microbial flora of human body - LGT</b>					
Friday						

Saturday		<b>Roll No : 39-75</b> <b>MI 1.6 - Demonstrate sample collection &amp; Transportation including instruction given to patients before sample collection - DOAP</b>		<b>MI 1.3 - Describe the basic principles of molecular biology and the concept and significance of studying molecular genetics - LGT</b>	
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### Week - 3 - Diwali Vaccation

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 4

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM	
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical	
Monday						
Tuesday					<b>MI 1.3 - Molecular techniques applied to disease diagnosis in clinical microbiology - LGT</b>	
Wednesday						<b>MI 1.4 - Describe the laboratory methods used to detect causative agents of infectious diseases - LGT</b> <b>MI 1.4 - Culture Media - LGT</b>
Thursday	<b>MI 1.4 - Culture Methods - LGT</b>					
Friday						

Saturday		Roll No : 76- 113 MI 1.6 - Demonstrate sample collection & Transportation including instruction given to patients before sample collection - DOAP		MI 1.4 - Laboratory Methods - Biochemical Reaction - LGT	
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### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 5

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 1.4 - Laboratory Methods - Serological test & Molecular test - LGT	
Wednesday	GH			<b>GH (Holiday)</b>	
Thursday	MI 1.2 - Interoduction to virology, classification & lab diagnosis of common viral infection - LGT				
Friday					
Saturday				Roll No : 76- 113 MI 1.6 - Demonstrate sample collection & Transportation including instruction given to patients before sample collection - DOAP	MI 1.2 - Interoduction to Parasitology, classification & lab diagnosis of parasitic infection - LGT

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 6

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				MI 1.2 - Interoduction to Mycology, classification & lab diagnosis of fungal infection LGT	
Wednesday				MI 1.10 - Perform Gram Staining - DOAP	
Thursday	MI 1.2 -Virus host Interactive & Bacteriophages - LGT				
Friday					
Saturday				Roll No.: 1-38 MI 1.10 - Perform Gram Staining - DOAP	MI 1.5 - Discuss the appropriate method of Sample collection and transportion including instructions to patients before collection - SGT

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 7

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				MI 1.7 - Discuss the attitude & behaviors that portray respect & demonstrate respect for patient samples sent to lab for test - SGT	
Wednesday				MI 1.6 - Demonstrate appropriate method of Sample collection and transport of samples including instructions to patients before sample collection - DOAP	

Thursday	MI 1.8 - Discuss and demonstrate effective communication skills with patients, relatives and clinicians during sample collection and pre/post test counseling - Role Play				
Friday					
Saturday		Roll No.: 39-75 MI 1.10 - Perform Gram Staining - DOAP		MI 1.9 - Discuss & demonstrate confidentiality pertaining to patient identity in laboratory results - SGT	

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Week – 8

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 1.12 - Sterilization & Disinfection - I - LGT	
Wednesday					MI 1.10 - Perform ZN Stain - DOAP
Thursday	MI 1.11 - Describe the epidemiological basis of infectious diseases and their application - LGT				
Friday					
Saturday		Roll No.: 76-113 MI 1.10 - Perform Gram Staining - DOAP		MI 1.12 - Sterilization & Disinfection - II - LGT	

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 9

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				MI 1.13 - Choose the most appropriate method of sterilization and disinfection to be used in specific situations in the laboratory, in clinical and surgical practice - SGT	
Wednesday				MI 1.10- Perform Routine Stool Examination - DOAP	
Thursday	MI 2.1 - Immunological mechanisms in health and disease Innate & acquired immunity - LGT				
Friday					
Saturday				Roll No.: 114-150 MI 1.10 - Perform Gram Staining - DOAP	MI 2.2 - Antigen & Antibody - LGT

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 10

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				MI 2.2 - Complement System - SGT	
Wednesday				MI 1.10 - Perform Stool Examination - DOAP	
Thursday	MI 2.2 - Structure & Function of Immune System - SGT				
Friday					
Saturday					

Saturday		Roll No.: 1-38 MI 1.10 - Perform ZN Staining - DOAP		MI 2.3 - Immune Response - SGT	
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### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 11

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 2.4 - Explain Immune response in different types of infections (bacterial, mycobacterial, viral, fungal and parasitic infections) - SGT	
Wednesday				MI 2.5 - Discuss the principles and applications of laboratory tests used in diagnostic microbiology based on the host's immune response. (Antigen & Antibody Reactions) - SGT	
Thursday	MI 2.6 - Immune prophylaxis & herd immunity - LGT				
Friday					
Saturday		Roll No.: 39-75 MI 1.10 - Perform ZN Staining		MI 2.5 - Discuss the principles and applications of laboratory tests used in diagnostic microbiology based on the host's immune response. (Antigen & Antibody Reactions) - LGT	

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Week – 12

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical

Monday			Lunch		
Tuesday				MI 2.7 Hypersensitivity Reaction - LGT	
Wednesday					MI 2.5 - Lab test based on host immune response (VDRL, RPR, CRP, ELISA, Rapid card test) - SGT
Thursday	MI 2.7 - Auroimmune disorders - SGT				
Friday					
Saturday				Roll No.: 76-112 MI 1.10 - Perform ZN Staining	MI 2.7 - Immunodeficiency diseases - SGT

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Week – 13

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 2.8 - Transplantation, tumour immunity and their applications in disease management - SGT	
Wednesday					MI 2.5 - Lab test based on host immune response (VDRL, RPR, CRP, ELISA, Rapid card test) - SGT

**Winter Vaccation**

Friday					
<b>Week 14 - Winter Vacation</b>					
Saturday		Roll No.: 113-150 MI 1.10 - Perform ZN Staining		MI 2.8 - Transplantation & tumour immunity - SGT	
<b>Hind Institute of Medical Sciences, Mau, Ataria, Sitapur</b> 2nd Professional MBBS (Batch – 2024-25) Teaching Schedule Week – 15					
Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 3.1 - Describe the etiopathogenesis, clinical features, complications/sequelae and laboratory diagnosis of rheumatic fever (S. pyogens) - SGT	
Wednesday					MI 3.1 - Describe the etiopathogenesis, clinical features, complications/sequelae and laboratory diagnosis of rheumatic fever (S. pyogens) Case discussion - SGT
Thursday	MI 3.2 - Describe the classification etiopathogenesis, clinical features of Infective endocarditis - LGT				
Friday					

Saturday		Roll No.: 1-38 MI 3.5 - Discuss etiopathogenesis and Diagnostic modalities available to rule out infective cause of PUO - SDL		MI 3.2 - Staphylococcus aureus - LGT	AETCOM 2.1 : Demonstrate ability to communicate to patients in patient, respectfully, non-threatening, non-judgmental and empathetic manner
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### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 16

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 3.2 - Viridans Streptococci & Enterococci - SGT	
Wednesday				MI 3.3 - Discuss diagnostic modalities of IE special on sepsis and blood culture - SGT	
Thursday	MI 3.5 - Pyrexia of unknown origin (PUO). Etiopathogenesis and diagnostic modalities - SGT				
Friday					
Saturday		Roll No.: 39-75 MI 3.5 - Discuss etiopathogenesis and Diagnostic modalities available to rule out infective cause of PUO - SDL		MI 3.6 - Enteric Fever - LGT	AETCOM 2.1 : Demonstrate ability to communicate to patients in patient, respectfully, non-threatening, non-judgmental and empathetic manner

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Week – 17

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					

Tuesday			Lunch	MI 3.4 - Diagnose a clinically suspected case of rheumatic fever/IE based on microscopy, serology and culture - SGT	
Wednesday					MI 3.7 - Choose the most appropriate lab test in a case of enteric fever based on the duration of illness and in a case of carrier - Practical
Thursday	MI 3.9 - Common infective causes of anaemia and describe the mechanisms involved - LGT				
Friday					
Saturday				Roll No.: 76-112 MI 3.5 - Discuss etiopathogenesis and Diagnostic modalities available to rule out infective cause of PUO - SDL	

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 18

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM	
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical	
Monday			Lunch			
Tuesday					MI 3.10 - Common parasites causing anaemia Hookworm & Trichinis - LGT	
Wednesday						MI 3.7 - Choose the most appropriate lab test in a case of enteric fever based on the duration of illness and in a case of carrier - Practical
Thursday	MI 3.5 - Brucellosis - SGT					
Friday						

Saturday		Roll No.: 113 - 150 MI 3.5 - Discuss etiopathogenesis and Diagnostic modalities available to rule out infective cause of PUO - SDL		MI 3.11 - Hemoparasites - Kala-azar - LGT	AETCOM 2.8 : Demonstrate empathy in patient encounters.
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### Week 19 - 1st Internal Examination

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 20

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 3.11 - Hemoparasites - Malaria - SGT	
Wednesday				MI 3.8 - Read and interpret the results of lab test in a case of enteric fever with special on serological test. Practical	
Thursday	MI 3.5 - Leptospira - SGT				
Friday					
Saturday				Roll No.: 1-38 MI 3.7 - Choose most appropriate lab test in a case of enteric fever in carrier - Practical	

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 21

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical

Monday			Lunch		
Tuesday				MI 3.11- Hemoparasites - Trypanosoma - SGT	
Wednesday					MI 3.11 Identify causative agents of Malaria & Filaria - SGT
Thursday	MI 3.10 - Babesia, Schistosoma, Haematobium & D. Latum - LGT				
Friday					

Saturday	Roll No.: 39-75 MI 3.7 - Choose most appropriate lab test in a case of enteric fever in carrier - Practical		MI 3.13 - HIV - I - LGT	AETCOM 2.8 : Demonstrate empathy in patient encounters. MI 1.10 - Revision Gram Staining - SGT	
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## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 22

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 3.13 - HIV - II - LGT		Lunch		
Tuesday				MI 3.9 - Rickettsia - LGT	
Wednesday					MI 3.12 - Differentiate agents of malignant malaria from agents of benign malaria reported in peripheral blood smear examination/ serology and explain its clinical significance - Practical
Thursday	MI 3.9 - Viral Hemorrhagic fever (Arboviral, Filoviral, Hemtaviral) - LGT				
Friday					

Saturday		Roll No.: 76 - 112 MI 3.7 - Choose most appropriate lab test in a case of enteric fever in carrier - Practical		MI 7.1 - Pneumococcus - SGT	AETCOM 2.8 : Demonstrate empathy in patient encounters.
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**Hind Institute of Medical Sciences, Mau, Ataria, Sitapur**  
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Week – 23

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI7.1 - Explain the etiopathogenesis, lab diagnosis and prevention of Infections of the upper respiratory tract - LGT		Lunch		
Tuesday				MI 7.2 - Explain the etiopathogenesis, lab diagnosis and prevention of lower respiratory tract infection - SGT	
Wednesday				MI 1.10 - Revision of Gram & ZN Staining - DOAP	
Thursday	MI 7.1 - Legionella - SGT				
Friday					
Saturday				Roll No.: 113-150 MI 3.7 - Choose most appropriate lab test in a case of enteric fever in carrier - Practical	

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Week – 24

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 7.2 - Atypical pneumonia - Mycoplasma SGT				
Tuesday				MI 7.2 - Chlamydia pneumoniae, Moraxella - SGT	

Wednesday			Lunch		MI 7.3 - Enlist & identify the etiological agents of lower respiratory infection in specific situations - SGT
Thursday	MI 7.1 - H. influenzae, Ventriculitis angeia - SGT				
Friday					
Saturday		Roll No : 1-38 MI 7.4 - Perform Gram Stain/Albert & AFB stain to identify agents of upper respiratory tract infection & Lower respiratory tract infection - DOAP		MI 7.2 - Klebsiella pneumoniae, Enterobacter, Serratia, Yersinia - SGT	AETCOM 2.8 : Demonstrate empathy in patient encounters. MI 1.10 - Revision Gram Staining - SGT

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 25

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 7.1 - Bordetella - SGT				
Tuesday				MI 7.2 - M. Tuberculosis - I - LGT	
Wednesday			Lunch		MI 7.4 - Identify the common etiologic agents of upper respiratory tract infections in Gram Stain/ Albert stained smear of throat swab - DOAP
Thursday	MI 7.2 - Atypical Mycobacteria - SGT				
Friday					
Saturday		Roll No : 39-75 MI 7.4 - Perform Gram Stain/Albert & AFB stain to identify agents of upper respiratory tract infection & Lower respiratory tract infection - DOAP		MI 7.2 - M. Tuberculosis - II - LGT	MI 7.4 - Identify the common etiologic agents of upper respiratory tract infections in Gram Stain/ Albert stained smear of throat swab - DOAP

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 26

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 7.2 - Paramyxoviruses - SGT		Lunch		
Tuesday				MI 7.2 - Orthomyxoviruses - LGT	
Wednesday				MI 7.5 - Identify the common etiologic agents of lower respiratory tract infections in Gram Stain & Acid fast stain smear - DOAP	
Thursday	MI 7.2 - Non-Fermentous (Pseudomonas, Acinetobacter) - SGT				
Friday					
Saturday				Roll No : 76-112 MI 7.4 - Perform Gram Stain/Albert & AFB stain to identify agents of upper respiratory tract infection & Lower respiratory tract infection - DOAP	MI 7.2 - Systemic Mycoses - SGT

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 27

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 7.2 - Coronaviruses, Rhinoviruses, Adenoviruses - SGT		Lunch		
Tuesday				MI 7.2 - Zygomycoses, Aspergilliosis, , Penicilliosis, - SGT	
Wednesday				MI : 6.1 - Enumerate the microbial agents causing meningitis. Explain the pathogenesis, clinical course and laboratory diagnosis of meningitis caused by bacterial, fungal, viral and parasitic agents - SGT	

Thursday	MI 6.2 - Enumerate the microbial agents causing encephalitis Explain the pathogenesis, clinical course and laboratory diagnosis of encephalitis caused by bacterial, fungal, viral and parasitic agents - SGT				
Friday					
Saturday		Roll No : 113-150 MI 7.4 - Perform Gram Stain/Albert & AFB stain to identify agents of upper respiratory tract infection & Lower respiratory tract infection - DOAP		MI 6.1 - Neisseria meningitidis - SGT	MI 7.2 - Pneumocystis - SGT MI 1.10 - Revision of Stool Exercise - DOAP

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

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Week – 28

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 7.2 - Paragonimus westermani - SGT				
Tuesday				MI 6.1 - Free living Amoeba - SGT	
Wednesday					MI 6.3 - Identify the microbial agents causing meningitis from a Gram stained given smear. Read & Interpret the microscopic findings and culture report of CSF to diagnose a case of bacterial, viral, fungal or parasitic infection in CNS - SGT
Thursday	MI 6.1 - Borrelia - SGT				
Friday					
Saturday		Roll No : 1-38 MI 6.3 - Read & Interpret microscopic findings and culture report of CSF to diagnose infection in CNS - SGT		MI 6.2 - Rabadoviruses - SGT	MI 1.10 Revision of Stool Exercise - DOAP

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Week – 29

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 6.1 leptospira - SGT		Lunch		
Tuesday				MI 6.1, 6.2 - Picorna Viruses - LGT	
Wednesday				MI 6.1 - Group B Streptococci, C.tetani, Listeria, Erysipelothrix, T.whipplei - SGT	
Thursday	MI 6.1 - Cryptococcus neoformans - LGT				
Friday					
Saturday		Roll No : 39-75 MI 6.3 - Read & Interpret microscopic findings and culture report of CSF to diagnose infection in CNS - SGT		MI 6.1 - Toxoplasma - LGT	

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Week – 30

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 6.2 - Arboviral encephalis (Togaviridae, Flaviridae & Bunyaviridae) - I - LGT		Lunch		
Tuesday				MI 6.2 - Arboviral encephalis (Togaviridae, Flaviridae & Bunyaviridae) - II - LGT	
Wednesday				MI 6.2 - Slow Viruses, Prions, Nipah & Hendra viruses - SGT	
Thursday	MI 3.13 - Revision HIV- SDL				
Friday					

Saturday		MI 1.5 - Discuss the appropriate method of Sample collection and transportation including instructions to patients before collection - SGT		MI 10.3 - Revision Hand Washing, PPE & BMW - SGT	MI 1.10 Revision of Stool Exercise - DOAP
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**Week 31 & 32 - 2nd Internal Assessment**

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Week – 33

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday	MI 8.1 - Describe the etiopathogenesis and discuss the laboratory diagnosis of infections of the genitourinary system - I - LGT				
Tuesday				MI 8.1 - Describe the etiopathogenesis and discuss the laboratory diagnosis of infections of the genitourinary system - II- LGT	
Wednesday					MI 8.2 - Enlist common (STI). Explain the pathogenesis, laboratory diagnosis and prevention of sexually transmitted infections - SGT
Thursday	MI 8.3 - Explain the concept and utility of Syndromic management of STI. - SDL				
Friday					
Saturday		Roll No : 76-112 MI 4.4 - Stool Microscopic Examination - DOAP		MI 8.4 - Explain etiopathogenesis, clinical course, and the appropriate method for specimen collection, and discuss the laboratory diagnosis of different clinical and epidemiological types of urinary tract infections - LGT	

**Hind Institute of Medical Sciences, Mau, Ataria, Sitapur**

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 34

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical

Monday			Lunch		
Tuesday				MI 8.2 - C. Trachomatis, N. gonorrhoeae NGU, Ureaplasma - LGT	
Wednesday					MI 8.4 - Ueropathogenic E.coli, Citrobacter, Proteus, Enterococcus, Pseudomonas ( Culture Plate & biochemicals) - SGT
Thursday	MI 8.2 - T.vaginalis, Gardnerella, Bacterial vaginosis & Vaginal candidiasis, K. granulomatis, Genital Herpes - SGT				
Friday					
Saturday				Roll No : 113-150 MI 4.4 - Stool Microscopic Examination - DOAP	MI 8.2 - Trepoema pallidum, H. ducreyi - LGT

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 35

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				MI 4.1 - Define and differentiate between diarrhea, dysentery and food poisoning. Enumerate the microbial agents causing them. - LGT	
Wednesday					MI 4.4 - Identify the common etiologic agents of diarrhoea and dysentery by stool microscopic examination - DOAP
Thursday	MI 4.2 - Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of bacterial, viral, parasitic and fungal agents causing diarrhoea - LGT				
Friday					
Saturday				Roll No : 1 - 38 MI 4.4 - Stool Microscopic Examination - DOAP	MI 4.3 - Describe the epidemiology, morphology, pathogenesis, clinical features and diagnostic modalities of bacterial, viral, parasitic and fungal agents causing dysentery - LGT

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 36

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 4.2 - Vibrio cholerae, Halophilic vibrios & aeromonas, campylobacter - LGT	
Wednesday				MI 4.4 - Stool Microscopic Examination - DOAP	
Thursday	MI 4.2 - Viral gastroenteritis - Rotaviruses, Adenoviruses, Caliciviruses, Astroviruses, Noroviruses - LGT				
Friday					
Saturday				Roll No : 39-75 MI 4.9 - Lab test & interpretation of report in viral hepatitis case - SDL	MI 4.3 - Intestinal amoebiasis (E.histolytica) & Giardiasis - LGT

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 37

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 4.2 - Intestinal cestodes - Taenia Echinococcus & H.nana - LGT	
Wednesday				MI 4.2 - Trematodes - S. faponicum, S. mansoni, F.buski, F.hepatica - LGT	
Thursday	MI 4.2 - Intestinal Sporozoa causing diarrhoea Cryptosporidium, Cystoisospora, Sarcocystis, and Cyclospora - LGT				

Friday					
Saturday		Roll No : 76-112 MI 4.9 - Lab test & interpretation of report in viral hepatitis case - SDL		MI 4.7 - Viral Hepatitis - Epidemiology, Etiopathogenesis, clinical features & Compications - LGT	

**Hind Institute of Medical Sciences, Mau, Ataria, Sitapur**

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 38

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				MI 4.8 - Viral Hepatitis - Lab diagnosis & prevention - LGT	
Wednesday				MI 4.9 - Suggest the most appropriate laboratory test case of viral hepatitis and interpret the type of viral hepatitis based on the laboratory report of viral markers in a case of infection by hepatitis virus - SGT	
Thursday	MI 4.5 - Enumerate the agents of food poisoning, pathogenesis, clinical course and laboratory diagnosis. - LGT				
Friday					
Saturday		Roll No : 113-150 MI 4.9 - Lab test & interpretation of report in viral hepatitis case - SDL		MI 4.6 - Acid peptic disease - H. pylori - LGT	

**Hind Institute of Medical Sciences, Mau, Ataria, Sitapur**

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 39

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL			Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 4.2 - Intestinal nematodes - Ascaris, Strongyloides, Enterobius, Trichinella - LGT	

Wednesday			Lunch		MI 5.1 - Enumerate the microbial agents causing anaerobic infections- pathogenesis& laboratory diagnosis - LGT
Thursday	MI 5.2 - Etiopathogenesis, C/F, Lab diagnosis of bone & Joint infection - LGT				
Friday					
Saturday		Roll No : 1-38 MI 9.2 - Candidiasis, Keratomycosis, Otomycosis, Mycotic poisoning MI 9.3 - Choose the most suitable microbiological investigation in a given clinical situation and Interpret the results of the laboratory tests for the diagnosis of the infectious disease - SGT		MI 5.3 - Etiopathogenesis, C/F, Lab diagnosis of skin & soft tissue infection - SGT	

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 40

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				MI 5.4 - Differentiate between infective and non-infective lesions in the skin. Enlist microbes causing systemic disease with involvement of skin - LGT	
Wednesday				MI 5.5 - Mycobacterial infection involving skin & soft tissue - M. leprae - SGT	
Thursday	MI 5.3 - Superficial & Subcutaneous Mycoses - LGT				
Friday					

Saturday		<p>Roll No : 39-75</p> <p>MI 9.2 - Candidiasis, Keratomycosis, Otomycosis, Mycotic poisoning</p> <p>MI 9.3 - Choose the most suitable microbiological investigation in a given clinical situation and Interpret the results of the laboratory tests for the diagnosis of the infectious disease - SGT</p>		<p>MI 5.3 - Herpers, Pox viruses, measles, Rubella, Hand foot and mouth diseases virus - LGT</p>	
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### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 41

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM	
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical	
Monday						
Tuesday					MI 5.3 - Arthrax, Actinomycosis, Nocardiosis & Non venereal trepanometoses - LGT	
Wednesday						MI 9.1, 9.2, 9.5 - Zoonotic Infection, Opportunistic infection, Emersing & Reimesing infection - SGT
Thursday	MI 9.3 - Choose the most suitable microbiological investigation in a given clinical situation and Interpret the results of the laboratory tests for the diagnosis of the infectious disease - SGT					
Friday						

Saturday		<p>Roll No : 76-112  MI 9.2 - Candidiasis, Keratomycosis, Otomycosis, Mycotic poisoning  MI 9.3 - Choose the most suitable microbiological investigation in a given clinical situation and Interpret the results of the laboratory tests for the diagnosis of the infectious disease - SGT</p>		<p>MI 9.4 - Oncogenic Viruses  MI 9.6 - National health program - LGT</p>	
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### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 42

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday			Lunch		
Tuesday				<p>MI 10.1- HAI  MI 10.2 - Standard &amp; transmission based preceation - LGT</p>	
Wednesday				<p>MI 10.3 - Demonstrate hand washing, donning- doffing of PPE and segregation of Biomedical waste - DOAP</p>	
Thursday	<p>MI 10.4 - Food, water &amp; Air surveillace - LGT</p>				
Friday					
Saturday		<p>Roll No : 113-150  MI 9.2 - Candidiasis, Keratomycosis, Otomycosis, Mycotic poisoning  MI 9.3 - Choose the most suitable microbiological investigation in a given clinical situation and Interpret the results of the laboratory tests for the diagnosis of the infectious disease - SGT</p>		<p>MI 10.5 - MDROs in HAI &amp; Prevention - LGT</p>	

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 43

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM	
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical	
Monday						
Tuesday					MI 11.1 - Describe the genotypic & phenotypic mechanisms of antimicrobial drug resistance and the methods of antimicrobial susceptibility testing, along with interpretation of the antimicrobial susceptibility testing report - SGT	
Wednesday						MI 11.2 - Explain intrinsic & acquired drug resistance along with the antimicrobial spectrum of important human pathogens and its application in clinical therapy - SGT
Thursday	MI 11.3 - Antimicrobial stewardship program - SGT					
Friday						
Saturday				MI 1.5 - Discuss the appropriate method of Sample collection and transportation including instructions to patients before collection - SGT		MI 9.5 - Emerging & Re-emerging Disease - SDL

## Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 44

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM	
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical	
Monday						
Tuesday					MI 3.6 - Enteric Fever - SGT	
Wednesday						MI 1.10 - Perform Gram Stain - DOAP MI 1.10 - Perform ZN Stain - DOAP

Thursday	MI 8.3 - Explain the concept and utility of Syndromic management of STL - SDL				
Friday					
Saturday		MI 1.5 - Discuss the appropriate method of Sample collection and transportation including instructions to patients before collection - SGT		MI 3.4 - Diagnose a clinically suspected case of rheumatic fever/IE based on microscopy, serology and culture - SGT	

### Hind Institute of Medical Sciences, Mau, Ataria, Sitapur

2nd Professional MBBS (Batch – 2024-25) Teaching Schedule

Week – 45

Date & Day	8.00-9.00 AM	9.00 AM- 12.00 PM	12.00 - 1.00 PM	1.00-2.00 PM	2.00 - 4.00 PM
	Lecture & SGL		Lunch	Lecture & SGL	SGL/SDL/Tutorial/ Demo/Seminar/Practical
Monday					
Tuesday				MI 3.11 Identify causative agents of Malaria & Filaria - SGT	
Wednesday					MI 1.10- Perform Routine Stool Examination - DOAP
Thursday	MI 6.2 - Enumerate the microbial agents causing encephalitis Explain the pathogenesis, clinical course and laboratory diagnosis of encephalitis caused by bacterial, fungal, viral and parasitic agents - SGT				
Friday					
Saturday		MI 1.5 - Discuss the appropriate method of Sample collection and transportation including instructions to patients before collection - SGT		MI 1.13 - Choose the most appropriate method of sterilization and disinfection to be used in specific situations in the laboratory, in clinical and surgical practice - SGT	MI 10.3 - Demonstrate hand washing, donning- doffing of PPE and segregation of Biomedical waste - SGT

#### Teaching Hours in Microbiology

Total LGT - 75 Hours

Total SGT/DOAP/Role play/Practical - 143 Hours

Total SDL - 10 Hours

AETCOM - 11 Hours

Total Teaching Hours 228+11 = 239 Hours

**Hind Institute of Medical Sciences, Mau, Ataria, Sitapur**

**2nd Professional MBBS (Batch – 2024-25) Teaching Schedule**

**Week 46 to Onward**

**Pre-University Examination**

**&**

**University Examination**