

## Comprehensive Respiratory and Critical Care Infectious Diseases Course

#	Date (Tue)	Module title (simple)	7:30–8:00 PM Recap (what to cover)	8:00–8:30 Lecture 1	8:30–9:00 Lecture 2	9:00–9:30 Panel/Q&A
1	21 Apr 2026	<b>Microbiology and Rapid diagnostics (non-culture) in respiratory and ICU infections</b>	Orientation: course roadmap <b>Dr Rajesh Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Microbiologist:</b> <b>From Specimen to Sensitivity: Understanding the Microbiology Workflow</b> <b>Dr Chand Wattal</b> SGRH Delhi	<b>Infectious diseases Physician</b> <b>Role of Rapid Molecular Diagnostics in Severe Respiratory and ICU Infections</b> <b>Dr Ram gopalakrishnan</b> (Apollo Hospitals, Chennai)	
2	28 Apr 2026	<b>Microbiology and antibiotics basics</b>	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Infectious diseases Physician</b> <b>Biomarkers in ICU Infections: Procalcitonin, CRP and Clinical Integration</b> <b>Dr Ram Subramanian</b> (Apollo Hospitals, Chennai)	<b>Infectious diseases Physician</b> <b>Antibiotic Classes in Respiratory &amp; ICU Practice</b> <b>Dr Devashish Desai</b> ( Ruby Hospital ,Pune)	
3	05 May 2026	<b>How to read antibiotic susceptibility (AST) AND pitfalls and Antibiogram</b>	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Microbiologist:</b> <b>AST : advantages and pitfalls</b> <b>Dr Camilla Rodrigues</b> (P.D. Hinduja National Hospital, Mumbai)	<b>Intensivist:</b> <b>Translating the Antibiogram into Empirical Therapy Decisions</b> <b>Dr Prakash Shastri</b> (SGRH Delhi)	
4	12 May 2026	<b>CAP: diagnosis, treatment and When Antibiotics Fail: non-response</b>	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Pulmonologist:</b> <b>Diagnosis and Empirical Management of CAP by Severity</b> <b>Dr Dhruv Choudhary</b> (PGI, Rohtak)	<b>Pulmonologist:</b> <b>When Antibiotics Fail: Approach to Non-Resolving Pneumoniae in CAP: Reassessment, Complications and Escalation</b> <b>Dr Deepak Talwar</b> (Metro Hospital, Noida)	

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5	19 May 2026	New-onset fever in ICU: a structured approach	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Intensivist:</b> <b>A Structured Diagnostic Algorithm for new onset Fever in the Critically Ill</b> <b>Dr Prashant Nasa</b> (New Cross Hospital, the Royal Wolverhampton NHS Trust, UK)	<b>Pulmonologist and Intensivist:</b> <b>CT Patterns of Pulmonary and ICU Infections: A Practical Approach for Clinicians</b> <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	
6	26 May 2026	PK/PD & dosing in ICU and respiratory infections	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Infectious diseases Physician</b> <b>PK/PD, Infusion Strategies in ICU</b> <b>Dr Nitin Gupta</b> (KMC Manipal)	<b>Intensivist:</b> <b>Antibiotic Dosing in ICU- ARC, AKI, CRRT and Obesity</b> <b>Dr Pradeep Rangappa</b> Manipal Hospital ,Banglore	
7	2 Jun 2026	Sepsis and Septic Shock in Respiratory Infections: Principles of Critical Care Managementt	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Intensivist:</b> <b>Early Recognition and Initial Management of Sepsis in Respiratory and icu Infections</b> <b>Dr J. Divatia</b> Lilawati Hospital ,Mumbai	<b>Pulmonologist and Intensivist:</b> <b>Management of Septic Shock in ICU: Hemodynamics, Organ Support and Antimicrobial Strategy</b> <b>Dr Rajesh Chawla</b> (Indraprastha Apollo Hospitals Delhi)	
8	9 Jun 2026	HAP/VAP: diagnosis, prevention, treatment	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Infectious diseases Physician</b> <b>Diagnosis of HAP/VAP: Sampling, Colonization and Early Reassessment</b> <b>Dr Senthur Nambi</b> Apollo Hospital Chennai	<b>Intensivist:</b> <b>Prevention Strategies and Management of MDR Risk</b> <b>Dr Sachin Gupta</b> Narayana Superspeciality Hospital), Gurgaon	
9	16 Jun 2026	Gram-positive infections in Lung and icu	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Infectious diseases Physician</b> <b>An approach to gram positive infections</b> <b>Dr Rohit Garg</b> Amrita Hospital, Faridabad	<b>Infectious diseases Physician</b> <b>MRSA AND VRE : Coverage Decisions and Drug Selection</b> <b>Dr SAYANTAN BANERJEE</b> AIIMS, Kalyani	

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10	23 Jun 2026	Gram-negative infections 1	What did we learn in Last module Dr Aakanksha Chawla (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>An approach to Gram-Negative infections in icu</b> Dr George M Netto Rajagiri Hospital, Kochi	Infectious diseases Physician <b>ESBL &amp; AmpC Enterobacterales: Mechanisms, Detection &amp; Management</b> Dr Visakh kheri USA	
11	30 Jun 2026	Gram-negative infections 2 :Carbapenem resistance	What did we learn in Last module Dr Aakanksha Chawla (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician: <b>Mechanisms of Carbapenem Resistance</b> Dr Parkishit Prayag Deenanath Mangeshkar Hospital,Pune	Infectious diseases Physician <b>Laboratory Detection Methods and Clinical Interpretation</b> Dr Neha Rastogi Fortis Hospital, Gurugram	
12	7 Jul 2026	Gram-negative infections 3:Difficult To Treat (DTR) Gram-negatives: bedside algorithm )	What did we learn in Last module Dr Aakanksha Chawla (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>Management of DTR Gram-Negative Pneumonia</b> Dr Sayan Chakraborty Manipal Hospitals, Kolkata	Intensivist: <b>Role of new antibiotics in managing icu infections</b> Dr Subhash Todi. Manipal Hospital Kolkata	
13	14 Jul 2026	Gram-negative infections 4:Pseudomonas & CRAB (non-fermenters)	What did we learn in Last module Dr Aakanksha Chawla (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>Managing DTR Pseudomonas: PK/PD and Combination Strategy</b> Dr Ankit Mittal AIG Hospitals, Hyderabad	Infectious diseases Physician <b>Carbapenem-Resistant Acinetobacter: Colonization, Infection and Treatment</b> Dr Praveen kumar Tirlangi KMC Manipal	
14	21 Jul 2026	Viral & atypical pneumonia and immunizations	What did we learn in Last module Dr Aakanksha Chawla (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>Viral and Atypical Lower Respiratory Infections in Adults</b> Dr Nitin Bansal (RGCIRC, Delhi)	Infectious diseases Physician <b>Immunization Strategies for Prevention of Severe Respiratory Infections</b> Dr Jatin Ahuja (Indraprastha Apollo Hospitals Delhi)	

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15	28 Jul 2026	Infections in immunocompromised hosts	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>Infection Risk Based on Immune Defect: A Practical Framework for diagnosis</b> <b>Dr Rajiv soman</b> (Jupiter Hospital Pune)	Pulmonologist and Intensivist <b>Lung Infiltrates in Immunocompromised Patients: Diagnostic Pathway and Empiric Strategy</b> <b>Dr Sudha Kansal</b> (Indraprastha Apollo Hospitals Delhi)	
16	04 Aug 2026	ICU device infections and Infection control	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>Diagnosis and Management of CRBSI and CLABSI</b> <b>Dr Ameet Dravid</b> Poona Hospital & Medical Research Center, Pune	Infectious diseases Physician <b>ICU Infection Control Bundles and MDRO Containment</b> <b>Dr Parul Kadan</b> USA	
17	11 Aug 2026	Antibiotic stewardship and Intra-Abdominal Infections	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>Antimicrobial Stewardship in the ICU: Global guidelines versus Indian Epidemiology</b> <b>Dr Anup warrior</b> Aster Medicity Kochi	Infectious diseases Physician <b>Intra-Abdominal Infections: Diagnosis &amp; Treatment</b> <b>Dr Farhan Fazal</b> SKMC, UAE	
18	18 Aug 2026	Exacerbations, bronchiectasis, aspiration	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Pulmonologist: <b>Rational Antibiotic Use in COPD and Asthma Exacerbations</b> <b>Dr Randeep Guleria</b> (Medanta - The Medicity, Gurugram)	Pulmonologist: <b>Bronchiectasis and Aspiration Syndromes: Microbiology, management and Duration Strategy</b> <b>Dr Vivek Nangia</b> (Max Hospital, Saket, Delhi)	
19	25th Aug 2026	Pleural infection & necrotizing pneumonia	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Pulmonologist and Intensivist <b>Approach to Parapneumonic effusion vs empyema</b> <b>Dr Avdhesh Bansal</b> (Indraprastha Apollo Hospitals Delhi)	<b>Lung Abscess and Necrotizing Pneumonia: Microbiology ,management and Long-Course Therapy</b>	

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20	1 Sept 2026	Tropical fever in ICU	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Infectious diseases Physician <b>Approach to acute undifferentiated tropical fever in ICU</b> <b>Dr Nitin Gupta</b> KMC hospital, Manipal	Infectious diseases Physician <b>An approach to infective endocarditis in ICU</b> <b>Dr Subramanian Swaminathan</b> Gleneagles Hospitals, Chennai	
21	8th Sept 2026	Fungal infections : diagnosis and management	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Microbiologist and Mycolgist <b>Diagnostic Strategy in Suspected Fungal Lung Disease and management in resource limited settings</b> <b>Dr Arunaloke Chakrabarti</b> D.B .Hospital ,Haridwar	Infectious diseases Physician <b>Invasive Aspergillosis and Mucormycosis: Recognition and Core Treatment Principles</b> <b>Dr Atul Patel</b> Vedanta Institute,Ahmedabad	
22	15th Sep 2026	TB diagnosis	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Pulmonologist <b>Diagnosis of TB in 2026: Smear, NAAT , Rapid Resistance Testing,and future</b> <b>Dr Sarbjeet singh chadha</b>	Microbiologist: <b>Culture, Drug Susceptibility Testing and Managing Discordance</b>	
23	22nd Sep 2026	Drug-susceptible TB (DS-TB) treatment	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	Pulmonologist <b>Principles of DS-TB Treatment and Monitoring Response</b> <b>Dr SK katiyar</b> (Apollo-Spectra hospital, Kanpur)	Pulmonologist <b>Managing Adverse Effects and Drug Interactions in TB Therapy</b> <b>Dr Rupak Singla</b> (NITRD, Delhi)	
24	29th sept 2026	Drug-resistant TB	What did we learn in Last module <b>Dr Aakanksha Chawla</b> (Indraprastha Apollo Hospitals Delhi)	<b>Management of MDR/XDR Tuberculosis</b> <b>Dr Rupak Singla</b> (NITRD, Delhi)	<b>MDR/XDR Tb cases</b>	

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25	6th October 2026	Future of Infectious Diseases in Respiratory and Critical Care”	What did we learn in Last module Dr Aakanksha Chawla (Indraprastha Apollo Hospitals Delhi)	Future Diagnostics in Infectious Diseases: From Molecular Testing to AI TBD	Future Therapeutics and Antimicrobial Strategies in Critical Care Infections TBD	

**Disclaimer:** NBEMS has no financial interest or involvement with the aforementioned course. Furthermore, NBEMS does not certify or verify the academic or scientific contents of the event.