

PROGRAM SCHEDULE**Day 1****06.02.2023**

Theme Diagnostic Stewardship	Resource Person	Duration	Time
Welcome note	Dr. Rakesh Singh , Professor & Head, Microbiology, JIPMER	10 min	8.00 - 8.10 AM
Overview of Workshop	Dr. Apurba Sastry AMS Lead (Microbiology) Additional Professor, JIPMER	30 min	8.10 - 8.30 AM
Integrated Stewardship (Overview) Diagnostic stewardship	Dr. Apurba Sastry AMS Lead (Microbiology) Additional Professor, JIPMER	1 hour	8.30 - 9.30 AM
Photography and Tea	Participants & Resource persons	30 min	9.30 - 10.00 AM
Introduction	All faculty and Resource persons	30 min	10.00 - 10.30 AM
Processing of Clinical Specimens			
Processing and reporting of Lower respiratory specimens	Dr. S. Sujatha Professor (Microbiology), JIPMER	1 hour	10.30 - 11.30 AM
Processing and reporting of Exudate specimens	Dr. Maanasa Bhaskar Asst. Professor (Micro), JIPMER Dr. S. Sujatha Professor (Microbiology), JIPMER	30 min	11.30 - 12.00 PM
Processing and reporting of Urine specimens	Dr. Jharna Mandal Professor (Microbiology), JIPMER	1 hour	12.00 - 1.00 PM
Lunch break		1 hour	1.00 - 2.00 PM
Processing of Blood Culture	Dr. Apurba Sastry Addl. Professor (Micro), JIPMER	1 hour	2.00 - 3.00 PM
Automation in Microbiology			
Automated Blood Culture	Dr. Sandhya Bhat Professor of Microbiology PIMS, Puducherry	30min	3.00 -3.30 PM
VITEK	Dr. Sarumathi HIC Fellow and SR, JIPMER Moderators: Dr Deepashree Dr. Ketan Priyadarshi	1 hour 15 min	3.30 - 4.45 PM
Tea break		15 min	4.45 - 5.00 PM
MALDI-TOF MS	Dr. Symphonia Senior Resident (Microbiology) Sri Venkateswara Medical College, Puducherry Moderator: Dr. Ketan Priyadarshi	1 hour	5.00 - 6.00 PM
Post-test Homework: Turnaround time	Dr. Monika S Senior Resident (Microbiology) ESIC Medical College, Chennai	30 min	6.00 - 6.30 PM

PROGRAM SCHEDULE

Day 2

07.02.2023

Theme Diagnostic Stewardship	Resource Person	Duration	Time
Homework (TAT)	Dr. Apurba Sastry Additional Professor Microbiology, JIPMER	30 min	8.00 - 8.30 AM
Antimicrobial Susceptibility Testing (CLSI and EUCAST)			
Basics of AST (Disk Diffusion)	Dr. Deepashree R Assistant Professor(Micro) JSS Medical College, Mysore	1 hour 15 min	8.30 - 9.45 AM
Basics of AST (MIC)	Dr. Ketan Priyadarshi Assistant Professor Microbiology, AIIMS, Patna	1 hour	9.45 - 10.45 AM
Tea break		15 min	10.45 - 11.00 AM
General terminologies	Dr. Apurba Sastry Additional Professor Microbiology, JIPMER	1 hour	11.00 - 12.00 PM
Gram-positive cocci	Dr. Ketan Priyadarshi Assistant Professor Microbiology, AIIMS, Patna	1 hour	12.00 - 1.00 PM
Lunch break		1 hour	1.00 - 2.00 PM
Gram-negative bacilli	Dr. Deepashree R Assistant Professor (Micro) JSS Medical College, Mysore	1 hour	2.00 - 3.00 PM
Selective Reporting and Role of Breakpoint-to-MIC Quotient (BMQ)	Dr. Monika S Senior Resident (Microbiology) ESIC Medical College, Chennai	30 min	3.00 - 3.30 PM
Quality Control in AST	Dr. Isabella Princess Consultant Microbiologist Apollo Hospitals, Chennai Dr. Ketan Priyadarshi Assistant Professor Microbiology, AIIMS, Patna	1 hour	3.30 - 4.30 PM
Tea break		15 min	4.30 - 4.45 PM
Direct Susceptibility Testing	Dr. Sarumathi HIC Fellow and SR, JIPMER	30 min	4.45 - 5.15 PM
Agreement between AST methods	Dr. Monika S Senior Resident (Microbiology) ESIC Medical College, Chennai	15 min	5.15 - 5.30 PM
Use of Comments in Clinical Microbiology Reporting	Dr. Apurba Sastry Additional Professor Microbiology, JIPMER	15 min	5.30 - 5.45 PM
Post-test Homework: BMQ and Agreement	Dr. Sarumathi HIC Fellow and SR, JIPMER	30 min	5.45 - 6.15 PM

PROGRAM SCHEDULE

Day 3

08.02.2023

Theme Clinical Stewardship	Resource Person	Duration	Time
Homework (BMQ and Agreement)	Dr. Monika S Senior Resident (Microbiology) ESIC Medical College, Chennai	30 min	8.00 - 8.30 AM
Implementation of AMS			
<u>Steps of implementation</u> Role of stakeholders such as ID physicians, Pharmacist, Nurses, IT	Dr. V. Ramasubramanian Infectious disease Consultant Apollo Hospitals, Chennai	1 hour	8.30 - 9.30 AM
AMS interventions			
Debate: Which is better? Formulary restriction and preauthorization Or Prospective audit and feedback	Dr. Venkateswaran R Addl. Professor (Medicine) JIPMER	20 min	9.30 - 9.50 AM
	Dr. Nishad Plakkal Addl. Professor (Neonatology) JIPMER	20 min	9.50 - 10.10 AM
Febrile neutropenia (antibiotic policy)	Dr. Smita Kayal Addl. Professor (Medical Oncology), JIPMER	20 min	10.10 - 10.30 AM
Tea break		15 min	10.30 - 10.45 AM
Demonstration: Prospective audit and Feedback in febrile neutropenia	Dr. Smita Kayal Dr. Apurba Sastry Dr. Deepashree	30 min	10.45 - 11.15 AM
Antimicrobial advices-based interventions	Dr. Apurba Sastry Additional Professor Microbiology, JIPMER	45 min	11.15 - 12.00 PM
Behavioural interventions in AMS	Dr. Anup R Warriar Consultant-Infectious disease Aster Medcity, Kochi	30 min	12.00 - 12.30 PM
Other AMS Interventions including low-hanging fruits in AMS	Dr. Anup R Warriar Consultant-Infectious disease Aster Medcity, Kochi	30 min	12.30 - 1.00 PM
Lunch break		1 hour	1.00 - 2.00 PM
Monitoring of the AMS Program			
Defined Daily Dose	Dr. Ketan Priyadarshi Assistant Professor Microbiology, AIIMS, Patna Dr. Symphonia , Senior Resident, Sri Venkateswara Medical College, Puducherry	1 hour 30 min	2.00 - 3.30 PM
Days of Therapy (DOT) and Others			
Tea break		15 min	3.30 - 3.45 PM
Post-test and homework (DDD)	Dr. Isabella Princess Consultant Microbiologist Apollo Hospitals, Chennai	30 min	4.15 - 4.45 PM

PROGRAM SCHEDULE

Day 4

09.02.2023

Theme	Resource Person	Duration	Time
Clinical Stewardship			
Homework (DDD)	Dr. Ketan Priyadarshi Assistant Professor Microbiology, AIIMS, Patna	30 min	8.00 - 8.30 AM
Principles of Antimicrobial Therapy			
Principles of Empirical Antimicrobial Therapy	Dr. Akshatha R , DM Infectious Disease, AIIMS, Jodhpur Dr. Prasan Panda (Moderator) Associate Professor (Medicine) AIIMS, Rishikesh	1 hour	8.30 - 9.30 AM
Targeted Antimicrobial Therapy for gram-positive bacterial infections	Dr. Vivekanandan AMSP Lead JIPMER Professor and Head (Medicine)	30 min	9.30 - 10.00 AM
Targeted Antimicrobial Therapy for gram-negative bacterial infections	Dr. Abi Manesh Associate Professor Dept. of Infectious Diseases CMC Vellore	45 min	10.00 - 10.45 AM
Tea break		15 min	10.45 - 11.00 AM
Surgical Antimicrobial Prophylaxis	Dr. Nandakishore Professor of Surgery, JIPMER	30 min	11.00 - 11.30 AM
Antifungal stewardship	Dr. Rakesh Singh , Prof. & Head, Microbiology JIPMER	1 hour	11.30 - 12.30 PM
Point-of-care tests (POCT) including biomarkers	Dr. Aruna Poojary HoD (Patho and Microbiology) Breach Candy Hospital, Mumbai	30 min	12.30 - 1.00 PM
Lunch break			1.00 - 2.00 PM
Nutshell on Antimicrobial Agents			
	Dr. Nusrat (Moderator) Professor (Pharmacology) PGIMER, Chandigarh		
PK/PD of antimicrobial agents	Dr. Sumit Rai Professor & Head, Microbiology AIIMS, Mangalagiri	1 hour	2.00 - 3.00 PM
β-lactam agents	Dr. Ketan Priyadarshi Assistant Professor Microbiology, AIIMS, Patna Dr. Akshatha R , DM Infectious Disease, AIIMS, Jodhpur	1 hour 30min	3.00 - 4.30 PM
Other major group of antimicrobials			
Tea break		15min	4.30 - 4.45 PM
Clinical Microbiology Reporting Software			
Clinical Microbiology Reporting Software (Demonstration)	Dr. Apurba Sastry Additional Professor Microbiology, JIPMER Dr. Anand Janagond Professor (Micro), S.Nijalingappa Medical College, Bagalkot	1 hour	4.45 - 5.45 PM
Post-test and Homework (MDR./XDR./PDR., Antibiogram: first isolate selection and analysis)	Dr. Symphonia Senior Resident, Microbiology Sri Venkateswara Medical College, Puducherry	30 min	5.45 - 6.15 PM

Topics	Resource Person	Duration	Time
Theme: VAMR Study Investigator Meeting and Hospital Antibigram			
VAMR Study Investigator Meeting			
VAMR Study Protocol Presentation	Dr. Ketan Priyadarshi Asst. Prof. (Micro), AIIMS, Patna	45 min	8.00 - 8.45 AM
Go Blue Campaign	VAMR investigators	30 min	8.45 - 9.15 AM
Key note address			
One health approach in AMS	Dr. Anuj Sharma WHO Country Office for India	45 min	9.15 - 10.00 AM
Tea break		15 min	10.00 - 10.15 AM
Hospital Antibigram			
Routine antibiogram	Dr. Apurba Sastry Addl. Professor (Micro), JIPMER	2 hour 45 min	10.15 - 1.00 PM
Lunch break		1 hour	1.00 - 2.00 PM
Enhanced and other types of antibiogram	Dr. Apurba Sastry Addl. Professor (Micro), JIPMER	45 min	2.00 - 2.45 PM
Use of antibiogram	Dr. Apurba Sastry Addl. Professor (Micro), JIPMER	15 min	2.45 - 3.00 PM
MDR. XDR. PDR. Analysis	Dr. Ketan Priyadarshi Asst. Prof. (Micro), AIIMS, Patna	1 hour	3.00 - 4.00 PM
Valedictory			
Grand post-test (Quiz)	Dr. Sarumathi/Dr. Monika	30 min	4.00 - 4.30 PM
Way forward, Feedback		1 hour	4.30 - 5.30 PM

Clinical Microbiology Reporting Software

-The Clinical Microbiology Reporting Software maintains the electronic culture register, integrated with equipment such as VITEK, MALDI-TOF, BACT/ALERT and CLSI guideline.

-It provides 24X7 live authorization facility with auto-generated messages.

-Automatically generates C&AST reports added with useful comments such as Infection control advice, antibiotic specific advice, organism pathogenicity etc.

-Therapeutic index and MIC guiding table guide the clinicians to decide on the drug of choice

-It can generate antibiograms, MDR/XDR/PDR rates, key performance indicators such as turnaround time.

