

Foundation course for Residents (JR/SR) on Integrated Antimicrobial Stewardship

11th to 14th November 2025, 2-5 pm

LT-1, First Floor, Medical College Building

Patron: Prof. (Dr.) Ratan Gupta

Co-Patron: Prof. Rajiv Kumar, Prof. Akhilesh Pathak, Dr. Lajya Devi Goyal

Course Chairperson: Dr. Gagandeep Kwatra, Dr. Kamla Kant

Course Convener: Dr. Rachna Rohilla

Course Faculties:

- AMS Lead: Dr. Rachna Rohilla
- DSP Lead: Dr. Jai Ranjan, Dr. Bhawna
- IPS Lead: Dr. Sivanantham
- Nursing Lead: Prof. Kamlesh Sharma
- Clinician Lead: Dr. M. P Singh, Dr. Gopal, Dr. Prashant

DAY 1 (11.11.25)	Topic	Speaker
2:00-2:30 pm	Inauguration and Introduction to the Foundation IAS course Pre-test	Patrons, Co-Patrons
2:30-3:00 pm	Burden of AMR in hospital setting and need for Integrated Antimicrobial Stewardship	Dr. Gagandeep Kwatra
3:00-3:30 pm	Key Pathogens causing Hospital Acquired Infections (HAIs) and resistance patterns	Dr. Kamla Kant
3:30-4:00 pm	Diagnostic Stewardship: Importance of Correct sampling	Dr. Bhawna
4:00-4:30 pm	Type of Antimicrobial therapies: Key points & coverages	Dr. Rachna
4:30-4:45 pm	One Health Approach	Dr. Madhur Verma
4:45-5:00 pm	Hands on: Blood Culture sampling and transport	Dr. Bhawna/Dr. Jai Ranjan

DAY 2 (12.11.25)	Topic	Speaker
2:00-2:30 pm	Core Components of IPC & IPC Pillars Five Moments of Hand Hygiene	Dr. Sivanantham
2:30-3:00 pm	Key points to differentiate a contaminant from true infection: Case based discussions	Dr. Jai Ranjan
3:00-3:30 pm	AST reading and interpretation: When you are not a microbiologist	Dr. Jai Ranjan, Dr. Rachna
3:30-4:00 pm	Guiding principles for antimicrobial therapy PK-PD principles in critically ill patients	Dr. Rachna
4:00-4:30 pm	HAI Surveillance, Essential WASH	Dr. Sivanantham
4:30-4:45 pm	Antiseptics, Biomedical Waste Management	Dr. Kamlesh Sharma
4:45-5:00 pm	Case Discussion: Group exercise assignment	Course Team

DAY 3 (13.11.25)	Topic	Speaker
2:00-2:30 pm	Surgical Site Infections: Is it preventable?	Dr. M. P Singh
2:30-3:00 pm	WHO and ASHP guidelines to prevent SSIs	Dr. Rachna
3:00-3:15 pm	WHO AWaRe	Dr. Gagandeep
3:15-4:15 pm	Case Discussion: Group Exercise-1 <ul style="list-style-type: none"> • Communication between lab and physician • Communication between Clinical Pharmacologist and Physician 	Dr. Gopal, Dr. Prashant and Course Team
4:15-4:45 pm	Transmission based precautions	Dr. Sivanantham
4:45-5:00 pm	Bundle Care (Hospital Source Control)	Dr. Kamlesh

DAY 4 (14.11.25)	Topic	Speaker
2:00-2:30 pm	Case Discussion: Group Exercise-1	Course Team
2:30-3:00 pm	AMS Interventions to contain Antimicrobial Resistance <ul style="list-style-type: none"> • Prospective audit and Feedback, Pre-authorization, Reserve drug alerts, • Low Hanging fruits (Surgical prophylaxis, Redundant coverages) 	Dr. Rachna
3:00-3:30 pm	AMSP: Process and outcome indicators Importance of Institutional Antimicrobial policy	Dr. Gagandeep
3:30-4:00 pm	Access and Excess of Antibiotics	Dr. Vikas Kumar
4:00-4:15 pm	Needle Stick Injury	Dr. Rohit Raina
4:15-4:30 pm	Post-Test and Feedback	Team
4:30-5:00 pm	Valedictory and Certificate distribution	