INTERNATIONAL SYMPOSIUM

Precision Antibiotic Therapy in the Era of Antimicrobial Resistance (AMR-PAT 1.0)

Pre-conference on 7th May 2026

Venue: JSS College of Pharmacy & JSS Medical College and Hospital, Mysuru

General guidelines for the pre-conference sessions

1.   Pre-Conference Workshop

Four focused scientific session streams will be conducted with limited intake (30 participants per session).

Participation requirements:

- Participants may register for **any two sessions**, provided they are scheduled in different time slots.
- Registration for the **main conference is mandatory**; participation in only the pre-conference sessions is not permitted.
- Attendance is compulsory for certification.

1.1 SESSION 01

Hands-on Therapeutic Drug Monitoring: From Sampling to Report Generation

1.2 SESSION 02

Applied PK/PD Modelling and Dose Optimization for Antibiotics

1.3 SESSION 03

Genes and Biomarkers Screening in Antimicrobial Resistance

1.4 SESSION 04

Designing and Implementing Precision Antibiotic Stewardship Programs

Technical Program with session-wise details and name of the session chair & co-chair

PRE-CONFERENCE – 7th MAY 2026					
SR.NO	**NAME & DESIGNATION**	**TITLE OF PRESENTATION**	**SESSION**	**WORKSHOP**	**LOCATION**
1	Dr. B M Gurupadayya, Professor & Dr. Anand Kumar Tengli, Associate Professor, JSSCPM	1. Introduction to LC-MS/MS & its applications. 2. TDM Workflow: Sampling, Guidelines, Analysis, and Reporting	SESSION 01 Hands-on Therapeutic Drug Monitoring: From Sampling to Report Generation.	Demo On LC- MS/MS Validated Bioanalytical method application for TDM by Ms. Aparna Inamdar, Ms. Aathmika, Mr. Tushar Tiwari	Department of Clinical Biochemistry, JSS Hospital
2	Dr. Savitha R S, JSSCPM & Dr. M Surulivel Rajan, MCOPS	1. Introduction to PK/PD Modelling for Antibiotic Dosing Strategies 2. Dose Optimization Strategies Using PK/PD Targets and Simulation Tools	SESSION 02 -Applied PK/PD Modelling and Dose Optimization for Antibiotics	Demo on WinNonlin Software for applied PK-PD Modelling	JSSCPM
3	Dr. Arshia Angural, Assistant Professor, JSSMC&H & Dr. Rashmi P. Mahale, Professor, JSSMC&H	1. Genetic Profiling of Antimicrobial Resistant Genes in Clinical Settings 2. Biomarker-Based Approaches to Combat Antimicrobial Resistance	SESSION 03 -Genes and Biomarkers Screening in Antimicrobial Resistance	Demo on PCR based Genetic Screening on AMR & Biomarker screening - PCT & CRP	Department of Clinical Biochemistry & Microbiology, JSS Hospital
4	Dr. Sumana M. N, Professor, JSS Medical College & Hospital & Dr. Rosy Raju, JSSCPM	Evidence to implementation: Practical Antimicrobial Stewardship Models for Primary Care	SESSION 04- Designing and Implementing Precision Antibiotic Stewardship Programs	Demo on Practical Antimicrobial Stewardship Model	JSSCPM