



UP-UK MICROCON 2026

21st Annual Conference of UP-UK

Chapter of Indian Association of Medical Microbiologists

Theme - Advances in Clinical Microbiology: Shaping Patient Care

Pre - Conference Workshop

Workshop No.08: MICRO-ED NEXT: Future-Ready Teaching through SDL and Gamification

Organizing Department: Department of Microbiology, King George's Medical University, Lucknow

Course Directors: Prof. Vimala Venkatesh, Dr. Parul Jain

Target Participants: Faculty members, Senior Residents and Junior Residents

Maximum number of participants: 30

Duration: One Day

Date: 06.02.2026

Venue: Room no 309, Kalam center, KGMU, Lucknow

Learning Objectives of the workshop:

At the end of this workshop, the participants will be able to:

1. Explain the principles and importance of **Self-Directed Learning (SDL)** in Competency-Based Medical Education.
2. Identify suitable topics in Microbiology for implementing SDL and gamification.
3. Design a **structured SDL module** including learning objectives, activities and assessment.
4. Describe the concept and educational value of **gamification** in medical education.
5. Develop simple **gamified teaching-learning resources** for Microbiology topics.
6. Integrate SDL and gamification strategies into the undergraduate and postgraduate Microbiology curriculum.
7. Apply appropriate **assessment and feedback methods** for SDL and gamified learning.

Agenda : MICRO-ED NEXT: *Future-Ready Teaching through SDL and Gamification*

Timing	Topic	Teaching-Learning Method	Resource Faculty
09:00 AM - 09:30 AM	Registration & Pre-test		
09:30 AM - 10:00 AM	Inaugural session		
10:00 AM - 11:00 AM	Foundations of Self-Directed Learning (SDL) in Medical Education	Interactive lecture	Prof. R. K. Dixit
11:00 AM - 11:15 AM	Tea Break		
11:15 AM - 01:00 PM	Designing SDL Modules in Microbiology	Group work & discussion	Dr. Suyog Sindhu Dr. Parul Jain
01:00 PM - 01:30 PM	Introduction to Gamification in Medical Education	Demonstration & interaction	Prof. Vimala Venkatesh
01:30 PM - 02:00 PM	Lunch Break		
02:00 PM - 03:30 PM	Gamification Strategies in Microbiology	Hands-on workshop	Dr. Parul Jain Dr. Suyog Sindhu
03:30 PM - 03:45 PM	Tea break		
03:45 PM - 04:15 PM	Integrating SDL & Gamification in CBME	Panel discussion	Prof Vimala Venkatesh Prof RK Dixit Prof Jyoti Chopra Prof Sarika Gupta
04:15 PM - 04:30 PM	Post-test & Feedback		
04:30 PM - 05:00 PM	Valedictory		