



## **UP-UK MICROCON 2026**

### **21<sup>st</sup> 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.4: Diagnostic virology: Basics to automated systems**

**Date:** 6th February 2025

**Venue:** Department of Microbiology, SGPGIMS, Lucknow

**Maximum number of participants:** 20

#### **Workshop Overview**

The Department of Microbiology, SGPGIMS, Lucknow is organizing a dedicated hands-on workshop on Diagnostic virology: basics to automated systems as part of UP-UK MICROCON 2026. This workshop aims to exposure to post graduate students, Research scholars, and junior faculty members on classical as well as automated techniques used in Diagnostic virology.

#### **Under the Aegis of IAMM UP-UK Chapter**

This academic activity is being conducted **under the aegis of the Indian Association of Medical Microbiologists (IAMM), UP-UK Chapter**, as part of **UP-UK MICROCON 2026**, hosted by **Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGI), Lucknow**.

#### **Course Coordinator:**

Dr. Atul Garg, Add. Professor, Department of Microbiology, SGPGIMS, Lucknow.

#### **Resource persons:**

1. Dr. Deepa Kailash Sharma, NPO (VPD Laboratory Network), WHO Country Office for India
2. Dr. Ankur Goyal, Professor and Head, Department of Microbiology, S N Medical college, Agra.
3. Dr. Dharam Veer Singh, Scientist B, Department of Microbiology, SGPGIMS, Lucknow.

**Target Audience:** This workshop is specifically designed for: MD Microbiology Residents, Ph. D Research Scholars, and Junior faculty Members

### Tentative schedule

Sl. No.	Time	Schedule
1.	09:30 AM - 10:00 AM	Registration & Pre-Test
2.	10:00 AM - 01:00 PM	Cell culture media preparation and maintenance of cell lines Hands on Stool sample processing and cell inoculation for virus isolation, Cell splitting, counting and CPE observation Plaque Assay/ TCID-50
3.	01:00 PM - 02:00 PM	Lunch
4.	02:00 PM - 04:30 PM	Hands on Quantitative & Qualitative RT-PCR Cartridge based syndromic assays
5.	04:30 PM - 04:40 PM	Post Test
6.	04:40 PM - 05:00 PM	Valedictory Function followed by High Tea