



# SECOND ANNOUNCEMENT 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**



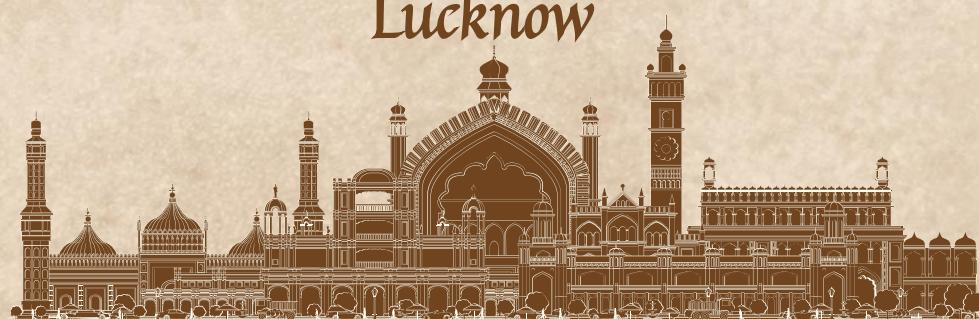
**Save the Dates: 6<sup>th</sup> & 7<sup>th</sup> February 2026**

**Venue: Shruti Auditorium, SGPGIMS**

*Organized by*

*Department of Microbiology*

*Sanjay Gandhi Postgraduate Institute of Medical Sciences,  
Lucknow*



# Welcome to UP-UK MICROCON 2026

Dear Friends and Colleagues,

It is a great honour and pleasure for us to cordially invite you to participate in the 21<sup>st</sup> Annual Conference of UP-UK State Chapter of Indian Association of Medical Microbiologists (IAMM), scheduled to take place from 6<sup>th</sup> and 7<sup>th</sup> February 2026 at the Shruti Auditorium and Library Complex, SGPGIMS, Lucknow.

We are delighted to welcome you to this gathering of medical microbiologists, researchers, clinicians and laboratory professionals dedicated to advancing the field of clinical microbiology. This meeting will feature a rich scientific and social programme, including presentations showcasing the latest advances and research findings in medical microbiology, along with focused educational pre-conference workshops.

The theme of the Conference is “*Advances in Clinical Microbiology: Shaping Patient Care*”. As the landscape of microbial threats continues to evolve, the essential role of clinical microbiology in enabling timely and precise patient care has never been more evident. The insights shared in this forum will support the advancement of diagnostic stewardship, enhance treatment outcomes, and strengthen interdisciplinary collaboration. This meeting offers a valuable opportunity to examine emerging diagnostic technologies and evidence-based practices that are redefining the detection and management of infectious diseases.

Thank you for joining us as we work together to advance innovation, uphold scientific excellence, and ultimately shape the future of patient-centered care. We look forward to the thoughtful discussions and fresh perspectives that will emerge over the course of this event. This will be an excellent opportunity for all participants to meet face-to-face with old friends and colleagues, make new friends and establish new collaborations in medical microbiology.

We look forward to welcoming you at SGPGIMS!

The Organizing Committee  
SGPGIMS, Lucknow.

**Discover Nawabi Grandeur!**

# Conference Leadership & Organizing Team

## Patron



**Padmashri Prof. Radha Krishan Dhiman**  
Director,  
SGPGIMS, Lucknow

## Chairperson



**Dr. Rungmei S K Marak**  
Professor & Head,  
Department of Microbiology  
SGPGIMS, Lucknow

## Co-Patron



**Prof. Shaleen Kumar**  
Dean  
SGPGIMS, Lucknow

## Co-Organizing Chairperson



**Dr. Richa Mishra**  
Professor  
Department of Microbiology  
SGPGIMS, Lucknow

## Organizing Secretary



**Dr. Chinmoy Sahu**  
Professor  
Department of Microbiology  
SGPGIMS, Lucknow

## Scientific Committee Chairperson



**Dr. Atul Garg**  
Additional Professor  
Department of Microbiology  
SGPGIMS, Lucknow

# Conference Leadership & Organizing Team

## Co-organizing Secretaries



**Dr. Akshay Kumar Arya & Dr Vikramjeet Singh**  
Assistant Professor  
Department of Microbiology  
SGPGIMS, Lucknow

## Scientific Committee Co-Chairperson



**Dr. Sangram Singh Patel**  
Additional Professor  
Department of Microbiology  
SGPGIMS, Lucknow

## Treasurer & Co-treasurer



**Dr. Awadhesh Kumar & Dr. Tasneem Siddiqui**  
Assistant Professor  
Department of Microbiology  
SGPGIMS, Lucknow

## Scientific Secretaries



**Dr. Anju Dinkar & Dr. Nidhi Tejan**  
Assistant Professor  
Department of Microbiology  
SGPGIMS, Lucknow

# UP-UK CHAPTER OF IAMM

## Executive Council Members



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**Dr. Vikramjeet Singh**  
SGPGIMS, Lucknow  
**Member**



# ABSTRACT SUBMISSION FOR POSTERS AND ORAL PAPERS PRESENTATIONS

## 7<sup>th</sup> February 2026

1. For abstract submission, the membership and registration for the conference is mandatory.
2. The abstract must be an original work which has not been published in any journal or presented in any conference.
3. Abstract must be typed in MS word format using Times New Roman font, size 12, single space, justified and not exceeding 250 words excluding Title, author name and affiliations. Format for abstract has been provided on next page.
4. The abstract should be structured in following heads-Title, Authors, Introduction, Objectives, Methods, Results & Conclusions.
5. The abstract must clearly indicate whether it is intended for an oral or poster presentation.
6. Abbreviations should not be included.
7. Abstract will be reviewed by scientific committee prior to the final acceptance.
8. Few abstracts will be selected for oral presentation in award category.
9. Apart from submitting the abstract on website of UP-UK MICROCON 2026, you are requested to kindly send the abstract via email on:  
[upukmicrocon2026@gmail.com](mailto:upukmicrocon2026@gmail.com)
10. The last date for the submission of the abstract is 10<sup>th</sup> January 2025.

Exclusive &  
Separate Prizes in  
each section for

Faculty

Residents

Research  
Scholars



## 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**

**Compulsory details:** Membership Number \_\_\_\_\_  
Registration Number \_\_\_\_\_

#### For Office Use

Regn. No:

Abstract No:

Receipt date:

Accepted:

Session: Poster / Oral

Date:

### ABSTRACT FORM

CATEGORY:  Oral Presentation  Poster Presentation

**Please choose one of the following applicable field:**

- Bacteriology
- Mycology
- Mycobacteriology
- Virology
- Serology & Immunology
- Parasitology
- Hospital Infection
- Others (HIV/AIDS, Medical Education, AI, etc)

**Applying for which award (Choose anyone)**

- Open Awards
- Prof. PC Sen Award on Reserach
- Prof. Archana Ayyagari award on AMR

**Designation of Presenter**

- Faculty
- Resident
- Research Scholar  
(PhD/M.Sc/Students)

**Title:**

**Author:** (Presenting Author name should be bold and underlined)

**Co-Authors:**

**Institute:**

**Email of Presenting author:**

**Abstract should be structured, in Times new roman, font size 12. Maximum 250 words**

**Introduction:**

**Materials & Methods:**

**Results:**

**Conclusion:**

**Note : It is mandatory to submit your abstract by email on [upukmicrocon2026@gmail.com](mailto:upukmicrocon2026@gmail.com). Otherwise it will not be considered.**



# EMINENT AWARDS of UP-UK Chapter of IAMM



## Prof. U.C. Chaturvedi Oration Award

Instituted in 2008 in honour of **Prof. U.C. Chaturvedi**, an eminent microbiologist and former Professor & Head, Department of Microbiology, KGMU. He has actively used experimental animal models to study the pathogenesis of diseases and then translated them in human clinical presentations, such as immunological cardiac injury and dengue haemorrhagic fever (DHF). This prestigious 30-minute oration celebrates outstanding scientific contributions to Microbiology. The award comprises a gold medal, plaque, citation, and a ceremonial shawl, presented during the inaugural function by the Chief Guest during the Annual UP-UK Conference. **Senior life members of the UP-UK Chapter are invited to apply.**



## Prof. P.C. Sen Best Junior Scientist Award (Best Oral Paper)

This award commemorates **Prof. Provash Chandra Sen**, a visionary microbiologist who played a foundational role in establishing Microbiology at Banaras Hindu University and contributed profoundly to research, AIDS surveillance, vaccine potency testing, and national scientific committees. The award includes a gold medal and certificate. Abstracts and full-length papers of **original, unpublished work** are invited from registered delegates and has to be submitted to Organizing Secretary, IAMM UP-UK Chapter. The presenting author must belong to **Uttar Pradesh or Uttarakhand**.



## Prof. Archana Ayyagari Best Junior Scientist Award in Antimicrobial Resistance (Best Oral Paper)

Dedicated to **Prof. Archana Ayyagari**, a pioneering microbiologist, former HOD and Dean of SGPGIMS, and a distinguished ICMR scientist, with over 200 scientific publications and a legacy of initiating MD, PhD, and PDCC (Infectious Diseases) programs at SGPGI, she remains a towering figure in Indian Microbiology. This award honours exceptional work in **Antimicrobial Resistance (AMR)** and carries a gold medal and certificate. The abstract along with full length paper for oral presentation-UPUK-IAMM Junior Scientist award is to be submitted for screening to Organizing Secretary, IAMM UP-UK Chapter. Presenting authors must be from **UP or Uttarakhand**.

# WORKSHOP AT A GLANCE

## 6<sup>th</sup> February 2026

S. No.	Workshop	Course Coordinator & Co-coordinators	Resource Person	Venue
1.	Molecular and Biomarker Diagnostics for Invasive fungal Infections & rare emerging opportunistic fungal pathogens.	Dr. Rungmei S K Marak Dr. Tasneem Siddiqui	Dr. Ragini Tilak Dr. Anupma Jyoti Kindo	Department of Microbiology SGPGIMS, Lucknow
2.	Airborne Infection Control/ Best Lab Practices and Advanced TB Diagnostics including Susceptibility Testing.	Dr. Richa Misra	Dr. Praveen Pachouri	Department of Microbiology SGPGIMS, Lucknow
3.	Optimizing advanced laboratory methods for early diagnosis and management of Sepsis.	Dr. Chinmoy Sahu Dr. Sangram S Patel Dr. Akshay K Arya Dr. Vikramjeet Singh	Dr. Pradyot Prakash	Department of Microbiology SGPGIMS, Lucknow
4.	Diagnostic virology: basics to automated systems.	Dr. Atul Garg Dr. Dharamveer	Dr. Ankur Goyal	Department of Microbiology SGPGIMS, Lucknow
5.	Emerging Technologies and Automation in Serological and Microbial Immunology: Translating Laboratory Efficiency into Clinical Excellence.	Dr. Anju Dinkar Dr. Nidhi Tejan	Dr. Shampa Anupurba Dr. Jaya Garg Dr. Suruchi Shukla	Department of Microbiology SGPGIMS, Lucknow
6.	Conventional to Automation in diagnosis of Parasites	Dr. Awadhesh Kumar	Dr. Rakesh Singh Dr. Areena Siddiqui	Department of Microbiology SGPGIMS, Lucknow
7.	CLABSI Bundle care & Ventilator-Associated Events (VAE) bundle care	Prof. Jyotsna Agarwal Prof. Manodeep Sen	Prof. Fatima Khan Dr. Rimjhim Dr. Mohd. Saqib Dr. Akanksha Gupta Dr. Anuragini	Department of Microbiology RMLIMS, Lucknow
8.	MICRO-ED NEXT: Future-Ready Teaching through SDL and Gamification	Prof. Vimala Venkatesh	Dr. Parul Jain	Department of Microbiology KGMU, Lucknow

For workshop registration, please proceed with the link below:

<https://forms.gle/shawBTQTERXGeSKa9>

# Quick Guide to Registration



## Registration Details

### REGISTRATION CHARGES FOR UP-UK MICROCON 2026

Category	Early Bird Upto 31 <sup>st</sup> December 2025	Regular From 1 <sup>st</sup> January to 5 <sup>th</sup> February 2026	Spot Registration
UP/UK IAMM Members	INR 5000	INR 6000	INR 7000
Non Members	INR 6000	INR 7000	INR 8000
PG Students	INR 3000	INR 3500	INR 4500
Non-Medical / Research Scholar	INR 2600	INR 3100	INR 4000
International Delegates	INR 8000	INR 10000	INR 11000
Accompanying Person	INR 2500	INR 2500	INR 2500
Workshop Charges	INR 2000	INR 2000	INR 2000

More than  
Seven  
workshops

Meet the  
Experts in  
Microbiology

Enhance  
yourself with  
latest updates  
in the field

Attractive  
Prizes for  
Winners in  
Oral and  
Poster  
Presentation

Quiz for PG  
students

For further information, kindly send your queries to  
[upukmicrocon2026@gmail.com](mailto:upukmicrocon2026@gmail.com)

Nawabi Grandeur Awaits... and so do we, with open hearts for your presence!

# Conference Registration Process

If you are a member of UP-UK Chapter of IAMM



Proceed directly to below link for registration in conference



If you are still not a member of UP-UK Chapter of IAMM



Proceed directly to below link for membership

<https://forms.gle/PwcihE3p51mngHh39>



Once you get your membership number kindly register for conference with below link



<https://forms.gle/i1A6am9zyVGDGiSL6>



मुस्कुराइए...  
लखनऊ बुला रहा है,  
और हम आपका इंतज़ार कर रहे हैं।





## 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.01: Advanced fungal diagnostics; Molecular and Biomarker Diagnostics for Invasive fungal Infections & rare emerging opportunistic fungal pathogens

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

**Course Coordinator:** Dr. Rungmei S K Marak, Dr. Tasneem Siddiqui

**Resource persons:** Dr. Rungmei S K Marak, Dr. Ragini Tilak, Dr. Anupama Jyoti Kindo, Dr. Tasneem Siddiqui, Dr. Deepika Tyagi, Dr. Kanchan

**Target Participants:** MD Microbiology Residents, Critical Care Residents (MD/DM, fellows), M.Sc. Microbiology, Ph.D. Students, Faculty members

**Maximum number of participants:** 20

**Duration:** One Day

**Date:** 06.02.2026

**Venue:** Mycology Laboratory, II Floor, New Diagnostic Block, Department of Microbiology, SGPGIMS, Lucknow

#### Workshop Overview & Key Highlights

- i. Demonstration of laboratory methods for identification of rare emerging opportunistic fungal pathogens in immunocompromised patients.
- ii. Practical demonstrations and hands-on training on MALDI TOF MS: Yeast and Mould identification
- iii. Practical demonstrations and hands-on training on fungal biomarkers: Beta D Glucan and Galactomannan assay.
- iv. Practical demonstrations and hands-on training on Real Time PCRs for Aspergillus, Mucorales and *Pneumocystis jirovecii* with DHPS mutation

**Agenda: Advanced fungal diagnostics; Molecular and Biomarker Diagnostics for Invasive fungal Infections & rare emerging opportunistic fungal pathogens**

Timing	Topic	Resource Faculty
<b>08:00 AM - 08:45 AM</b>	Registration	
<b>08:45 AM - 09:00 AM</b>	Registration & Pre-test	
<b>09:00 AM - 09:10 AM</b>	Inaugural remarks	Dr. Rungmei S K Marak, Organizing Chairperson
<b>09:10 AM - 09:30 AM</b>	Identification of Molds	Dr. Anupma Jyoti Kindo
<b>09:30 AM - 09:50 AM</b>	Identification of Yeasts	Dr. Rungmei S K Marak
<b>10:00 AM - 10:20 AM</b>	Tea Break	
<b>10:20 AM - 10:40 AM</b>	MALDI TOF MS	Dr. Deepika Tyagi
<b>10:40 AM - 11:10 AM</b>	Real Time PCRs for fungi	Dr. Tasneem Siddiqui
<b>10:40 AM - 11:10 AM</b>	Fungal biomarkers	Dr. Ragini Tilak
<b>11:10 AM - 01:30 PM</b>	Hands-on Practical Session I (2 Batches)	Dr. Tasneem Siddiqui
<b>01:30 PM - 02:00 PM</b>	Lunch Break	
<b>02:00 PM - 03:30 PM</b>	Hands-on Practical Session II (2 Batches)	Dr. Rungmei S K Marak
<b>03:30 PM - 03:45 PM</b>	Tea Break	
<b>03:45 PM - 04:15 PM</b>	Hands-on Practical Session III (2 Batches)	Dr. Deepika Tyagi Dr. Kanchan
<b>04:15 PM - 04:30 PM</b>	Post-test & Feedback	
<b>04:30 PM - 05:00 PM</b>	Valedictory & Certificate distribution	



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### 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.2 : Advanced Tuberculosis Diagnostics & Best Laboratory Practices for Risk Group 3 Organisms

**Organised by Division of Mycobacteriology, Department of Microbiology, SGPGIMS, Lucknow**

**Course Coordinator:** Dr. Richa Mishra, Dr. Praveen Kumar Pachouri

**Resource Faculty:** Dr. Alok Nath, Dr. Zafar Neyaz, Dr. Vimal Kumar Paliwal, Dr. Sameer Mohindra, Dr. Akshay Kumar Arya, Dr. Vikramjeet Singh

**BSL-3 Lab Team:** Dr. Sreya Deb, Mr. D.K Singh, Mr. Subhash, Ms. Anjali Yadav, Ms. Manu

**Target Participants:** Microbiologists, ID Consultants, Pulmonologists, Clinicians, Technologists, Healthcare providers

**Maximum number of participants:** 20

**Duration:** One Day

**Date:** 06.02.2026

**Venue:** Biosafety Level 3 Tuberculosis Laboratory, II Floor, New Diagnostic Block, Department of Microbiology, SGPGIMS, Lucknow

#### Learning objectives:

- Basic principles of Infection Prevention & Control for working in a Biosafety Level 3 tuberculosis facility
- Learn important definitions related to diagnosis and management of tuberculosis
- Recognize fundamental concepts of pulmonary and extrapulmonary tuberculosis
- Practical demonstrations of
  - Cultures (In-house LJ media preparation and colony morphology)
  - CBNAAT assay (both Xpert MTB/ RIF Ultra assay and XDR test)
  - Line probe assay for both MTBC and Non-tubercular Mycobacteria
  - MGIT culture and DST

**Agenda : Advanced Tuberculosis Diagnostics & Best Laboratory Practices for Risk Group 3 Organisms**

Timing	Topic	Resource Faculty
<b>9:00 AM - 9:20AM</b>	<b>Registration</b>	
<b>9:20 AM – 9:30 AM</b>	<b>Pre-Test</b>	
<b>9:30 AM – 9:40 AM</b>	Introduction to the workshop	<b>Dr. Vikramjeet Singh</b>
<b>9:40 AM – 10:00 AM</b>	Best IPC practices for BSL 3 facility	<b>Dr. Praveen Kumar Pachouri</b>
<b>10:00 AM – 10:20 AM</b>	Pulmonary tuberculosis: clinico-radiological perspective and treatment update	<b>Dr. Alok Nath</b>
<b>10:20 AM – 10:40 AM</b>	Radiological diagnosis and differentials of extrapulmonary tuberculosis	<b>Dr. Zafar Neyaz</b>
<b>10:40 AM - 11:00 AM</b>	Challenges in tubercular meningitis	<b>Dr. Vimal Kumar Paliwal</b>
<b>11:00 AM – 11:20AM</b>	Abdominal tuberculosis: tip of the iceberg	<b>Dr. Sameer Mohindra</b>
<b>11:20 AM – 11:30 AM</b>	<b>Tea Break</b>	
<b>11:30 AM – 12:00 PM</b>	Non-tuberculous Mycobacterial Infections: The Neglected Threat.	<b>Dr. Richa Mishra</b>
<b>12:00 PM – 01:30 PM</b>	<b>Practical demonstrations in State-of-the-art BSL3 tuberculosis facility</b> <ul style="list-style-type: none"> <li>Batch A</li> <li>IPC Protocols in BSL3 facility</li> <li>MGIT Culture and DST</li> </ul> <ul style="list-style-type: none"> <li>Batch B</li> <li>Demonstration of CBNAAT assay-Ultra and XDR tests</li> <li>Line probe assay for MTBC &amp; NTM</li> </ul>	<b>Dr. Richa Mishra</b> <b>Dr. Praveen Kumar Pachouri</b> <b>Dr Akshay Kumar Arya &amp; BSL-3 Lab Team</b>
<b>01:30 PM – 02:00 PM</b>	<b>Lunch</b>	
<b>02:00 PM – 03:30 PM</b>	<b>Practical demonstrations in State-of-the-art BSL3 tuberculosis facility</b> <ul style="list-style-type: none"> <li>Batch B</li> <li>IPC Protocols in BSL3 facility</li> <li>MGIT Culture and DST</li> </ul> <ul style="list-style-type: none"> <li>Batch A</li> <li>Demonstration of CBNAAT assay-Ultra and XDR tests</li> <li>Line probe assay for MTBC &amp; NTM</li> </ul>	<b>Dr. Richa Mishra</b> <b>Dr. Praveen Kumar Pachouri</b> <b>Dr. Vikramjeet Singh &amp; BSL-3 Lab Team</b>
<b>03:30 PM – 04:00 PM</b>	<b>Networking, Discussion and Troubleshooting</b>	
	<b>Round of Container BSL3 Lab</b>	
<b>04:00 PM – 04:10 PM</b>	<b>Post Test</b>	
<b>04:00 PM – 04:30 PM</b>	<b>Valedictory Function followed By High Tea</b>	



## 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. 3: Diagnostic Bacteriology: Optimizing advanced laboratory methods for early diagnosis and management of sepsis**

**Date:** 6<sup>th</sup> February 2025

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

**Maximum number of participants:** 20

#### **Workshop Overview**

Bacteriology section of the Department of Microbiology of Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow is organizing a dedicated Pre-Conference Hands-on Workshop on “Optimizing advanced laboratory methods for early diagnosis and management of sepsis as part of UP-UK MICROCON 2026.” This workshop aims to train students for optimizing conventional as well as advanced automated laboratory techniques for rapid diagnosis and optimum antibiotic reporting for sepsis.

#### **Target Audience**

This workshop is specifically designed for:

MD Microbiology faculty and Residents

Infectious Diseases faculty and residents (MD/DM/Fellows)

M.Sc. Microbiology students & Ph.D. Students

#### **Key Highlights**

1. Identification of bacterial isolates by Vitek using positive blood broth
2. Identification of bacterial isolates by MALDI TOF MS from positive blood broth
3. Rapid carbapenemase detection by tube and ICT method
4. Broth microdilution of latest antibiotics by automated MIC method
5. Procedure and interpretation of antibiotic susceptibility testing directly from positive blood broth

**Course Coordinator:** Dr Chinmoy Sahu, Professor, Microbiology, SGPGIMS, Lucknow.

**Resource persons:** 1. Prof Pradyot Prakash, Professor (Microbiology), IMS, BHU.

2. Dr. Sangram Singh Patel, Additional Professor (Microbiology), SGPGIMS, Lucknow.

3. Dr. Nidhi Tejan, Assistant Professor (Microbiology), SGPGIMS, Lucknow.

4. Dr. Akshay Arya, Assistant Professor (Microbiology), SGPGIMS, Lucknow.

5. Dr. Vikramjeet Singh, Assistant Professor (Microbiology), SGPGIMS, Lucknow.

6. Dr. Diksha Shukla, Senior Resident (Microbiology), SGPGIMS, Lucknow.

7. Dr. Ashutosh Pathak, Senior Research Fellow (Microbiology), SGPGIMS, Lucknow.

8. Ms. Nida, PhD student (Microbiology), SGPGIMS, Lucknow.

9. Mr. Tanuj Yadav, Laboratory Technician (Microbiology), SGPGIMS, Lucknow.

**Agenda: Diagnostic Bacteriology: Optimizing advanced laboratory methods for early diagnosis and management of sepsis**

Time	Topic	Resource Person
<b>09:00 AM - 09:30 AM</b>	Registration	
<b>09:30 AM - 09:40 AM</b>	Overview of workshop	Prof. Chinmoy Sahu
<b>09:40 AM - 10:15 AM</b>	Optimizing laboratory methods for early diagnosis of sepsis	Prof. Pradyot Prakash, IMS, BHU
<b>Hands on session</b>		
<b>10:15 AM - 11:30 AM</b>	Identification of bacterial isolates by Vitek using positive blood broth	Dr. Sangram Singh Patel Dr. Vikramjeet Singh Mr. Tanuj Yadav
<b>11:30 AM - 01:00 PM</b>	Identification of bacterial isolates by MALDI-TOF MS from positive blood broth	Dr. Chinmoy Sahu Dr. Nidhi Tejan Ms. Nida
<b>01:00 PM - 02:00 PM</b>	Lunch	
<b>02:00 PM - 03:00 PM</b>	Broth microdilution of antibiotics by automated MIC method	Dr. Akshay Arya Dr. Diksha Shukla Dr. Ashutosh Pathak Ms. Nida
<b>03:00 PM - 04:00 PM</b>	Procedure and interpretation of antibiotic susceptibility testing directly from positive blood broth	Dr. Chinmoy Sahu Dr. Sangram Singh Patel Dr. Akshay Arya Dr. Nidhi Tejan Ms. Nida
<b>04:00 PM- 04:30 PM</b>	Rapid carbapenemase detection by tube and ICT method	Dr. Vikramjeet Singh Dr. Diksha Shukla Dr. Ashutosh Pathak Mr. Tanuj Yadav
<b>04:30 PM - 05:00 PM</b>	Question-Answer session Valedictory & certificate distribution	Prof. Pradyot Prakash, BHU



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**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**

<b>Sl. No.</b>	<b>Time</b>	<b>Schedule</b>
<b>1.</b>	09:30 AM - 10:00 AM	Registration & Pre-Test
<b>2.</b>	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
<b>3.</b>	01:00 PM - 02:00 PM	Lunch
<b>4.</b>	02:00 PM - 04:30 PM	Hands on Quantitative & Qualitative RT-PCR  Cartridge based syndromic assays
<b>5.</b>	04:30 PM - 04:40 PM	Post Test
<b>6.</b>	04:40 PM - 05:00 PM	Valedictory Function followed by High Tea



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**Theme - Advances in Clinical Microbiology: Shaping Patient Care**

### Pre - Conference Workshop

**Workshop No.05: Emerging Technologies and Automation in Serological and Microbial Immunology: Translating Laboratory Efficiency into Clinical Excellence.**

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

**Course Coordinator:** Dr. Rungmei S K Marak, Dr Anju Dinkar, Dr Nidhi Tejan

**Resource persons:** Dr. Rungmei S K Marak, Dr Anju Dinkar, Dr Nidhi Tejan,

Dr Shampa Anupurba, Dr Jaya Garg, Dr Suruchi Shukla, Dr. Surbhi

**Target Participants:** MD Microbiology Residents, M.Sc. Microbiology, Ph.D. Students, Faculty members

**Maximum number of participants:** 20

**Duration:** One Day

**Date:** 06.02.2026

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

### Workshop Overview & Key Highlights

1. QuantiFERON-CMV Assay, a specialised Interferon-Gamma Release Assay (IGRA) to assess CMV-specific cell-mediated immunity, particularly in immunocompromised or transplant patients.
2. CLIA analyzer
3. Detection of IL-6 and IL-10 by Enzyme-Linked Immunosorbent Assay (ELISA)
4. MiniVidas platform for demonstration of new parameters
5. TPHA Testing and Interpretation
6. Brucella and Borrelia ELISA
7. Weil-Felix test for Rickettsial infections

**Agenda : Emerging Technologies and Automation in Serological and Microbial Immunology: Translating Laboratory Efficiency into Clinical Excellence.**

Timing	Topic	Resource Faculty
<b>08:00 AM - 08:45 AM</b>	Registration	
<b>08:45 AM - 09:00 AM</b>	Registration & Pre-test	
<b>09:00 AM - 09:10 AM</b>	Inaugural remarks	Dr. Rungmei S K Marak, Organizing Chairperson
<b>09:10 AM - 09:30 AM</b>	Recent update on HIV infection	Dr. Shampa Anupurba
<b>09:30 AM - 09:50 AM</b>	Role of Biomarkers in clinical infectious diseases	Dr. Jaya Garg
<b>09:50 AM - 10:10 AM</b>	Recent Advances in Immunodiagnosis	Dr. Suruchi Shukla
<b>10:10 AM - 10:30 AM</b>	Tea Break	
<b>10:30 AM - 12:00 Noon</b>	Hands-on Practical Session I (2 Batches)	Automation in Serology: ELFA & CLIA platforms
<b>12:00 Noon - 01:30 PM</b>	Hands-on Practical Session II (2 Batches)	QuantiFERON-CMV Assay, a specialised Interferon-Gamma Release Assay (IGRA) to assess CMV-specific cell-mediated immunity, particularly in immunocompromised or transplant patients
<b>01:30 PM - 02:00 PM</b>	Lunch Break	
<b>02:00 PM - 02:30 PM</b>	Hands-on Practical Session III (2 Batches)	Detection of IL-6 and IL-10 by Enzyme-Linked Immunosorbent Assay (ELISA)
<b>02:30 PM - 03:00 PM</b>	Hands-on Practical Session IV (2 Batches)	TPHA Testing and Interpretation
<b>03:00 PM - 03:30 PM</b>	Tea Break	
<b>03:30 PM - 04:00 PM</b>	Hands-on Practical Session V (2 Batches)	Brucella & Borrelia ELISA Testing and Interpretation
<b>04:00 PM - 04:30 PM</b>	Hands-on Practical Session VI (2 Batches)	Weil-Felix Reaction and Interpretation
<b>04:30 PM - 04:40 PM</b>	Post-test & Feedback	
<b>04:40 PM - 05:00 PM</b>	Valedictory & Certificate distribution	



## 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.06 : Conventional to Automation in diagnosis of Parasites

**Course Chairperson:** Prof. Rungmei S K Marak

**Course Coordinator:** Dr. Awadhesh Kumar

#### CONVENTIONAL METHODS

##### 1. Microscopy

- Routine microscopy: Wet mount (Normal Saline and Iodine mount)
- Special stains: modified acid-fast stain, modified trichrome stain, Giemsa stain

##### 2. Stool culture for Enteropathogens

##### 3. Serology: ELISA for detection of IgG *Entamoeba histolytica* and *Echinococcus granulosus*

#### AUTOMATION METHODS

##### 1. Automation in Parasitology: AI based microscopy (AGAPE F-60)

##### 2. Molecular: Multiplex PCR for identification of GI pathogens (Syndromic panels)

#### Resource Persons

##### External Faculty

Dr. Rakesh Singh, Professor, Deptt of Microbiology, JIPMER, Puducherry

Dr. Areena Hoooda Siddiqui, Professor, Deptt of Microbiology, Autonomous Medical College, Amethi

##### Internal Faculty

Dr. Nidhi Tejan, Assistant Professor, Deptt of Microbiology, SGPGIMS

## Agenda : Conventional to Automation in diagnosis of Parasites

Timing	Topic	Resource Faculty
<b>08:00 AM - 08:45 AM</b>	Registration	
<b>08:45 AM - 09:00 AM</b>	Registration & Pre-test	
<b>09:00 AM - 09:10 AM</b>	Inaugural remarks	Dr. Rungmei S K Marak Organizing Chairperson
<b>09:10 AM - 09:30 AM</b>	Conventional Parasitological Diagnosis: Scope & Limitations	Dr. Rakesh Singh
<b>09:30 AM - 09:50 AM</b>	Automation in Parasitology: AI-based platforms and multiplex PCR	Dr. Areena Hooda Siddiqui
<b>10:00 AM - 10:20 AM</b>	Tea Break	
<b>10:20 AM - 10:40 AM</b>	Staining methods in diagnosis of parasites	Dr. Awadhesh Kumar
<b>10:40 AM - 11:10 AM</b>	Diagnosis of <i>Clostridioides difficile</i> toxin	Dr. Nidhi Tejan
<b>10:40 AM - 11:10 AM</b>	Serological methods in diagnosis of parasitic infection	Dr. Diksha Shukla
<b>11:10 AM - 01:30 PM</b>	Hands-on Practical Session I (2 Batches)	Dr. Awadhesh Kumar
<b>01:30 PM - 02:00 PM</b>	Lunch Break	
<b>02:00 PM - 03:30 PM</b>	Hands-on Practical Session II (2 Batches)	Dr. Nidhi Tejan
<b>03:30 PM - 03:45 PM</b>	Tea Break	
<b>03:45 PM - 04:15 PM</b>	Hands-on Practical Session III (2 Batches)	Dr. Diksha Shukla
<b>04:15 PM - 04:30 PM</b>	Post-test & Feedback	
<b>04:30 PM - 05:00 PM</b>	Valedictory & Certificate distribution	



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#### Pre - Conference Workshop

#### Workshop No. 07: CLABSI BUNDLE CARE & VENTILATOR-ASSOCIATED EVENTS (VAE) BUNDLE CARE

**Date:** 6th February 2025

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

**Maximum participants:** 20

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

**THEME:** Towards Zero CLABSI & VAE: Transforming Patient Care Through Bundles

#### Workshop Overview

The Department of Microbiology, Dr. Ram Manohar Lohia Institute of Medical Sciences (RMLIMS), Lucknow is organizing a dedicated hands-on workshop on **CLABSI (Central Line-Associated Bloodstream Infection) Bundle Care** and **VAE (Ventilator-Associated Events) Bundle Care** as part of **UP-UK MICROCON 2026**. This workshop aims to strengthen evidence-based infection prevention practices in critical care settings, with special emphasis on surveillance, device care, bundle implementation, monitoring, and quality improvement.

**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**.

**Target Audience:** This workshop is specifically designed for:

- **MD Microbiology Residents**
- **Critical Care Residents (MD/DM/Fellows)**
- **Infection Prevention & Control (IPC) Team Members**

#### Key Highlights

- Principles and components of CLABSI and VAE bundles
- Practical demonstrations and hands-on training
- Device insertion & maintenance safety protocols
- Surveillance definitions (CDC/NHSN based) and case studies
- Audit tools, monitoring checklists & performance indicators
- Root-cause analysis and prevention strategies for outbreaks
- Multidisciplinary implementation approaches in ICUs

**Chairperson:** Dr. Jyotsna Agarwal

**Organising Secretary:** Dr. Manodeep Sen

**Co-organizing Secretary:** Prof. Fatima Khan

**Scientific Advisor:** Prof. Anupam Das

**Resource person:** Dr SS Nath, Dr. Rimjhim, Dr. Mohd. Saquib, Dr. Anuragini, Dr. Akanksha Gupta, Dr Shiva Verma

## Agenda : CLABSI & VAE Bundle Care: From Bench to Bedside

Time	Session / Topic	Resource Faculty
<b>08:00 – 09:00</b>	<b>Registration</b>	—
<b>09:00 – 09:15</b>	<b>Pre-Workshop Assessment</b>	Dr. Akanksha Gupta, Dr. Shiva Verma
<b>09:15 – 09:25</b>	<b>Welcome &amp; Workshop Overview</b>	Dr. Jyotsna Agarwal
<b>09:25 – 09:40</b>	<b>Device-Associated Infections: Clinical Impact &amp; Real-World Data</b>	Dr. Jyotsna Agarwal
<b>09:40 – 09:55</b>	<b>Evidence-Based Care Bundles: From Guidelines to Bedside</b>	Dr. Manodeep Sen
<b>09:55 – 10:15</b>	<b>CLABSI: Principles &amp; Components</b>	Prof. Fatima Khan
<b>10:15 – 10:55</b>	<b>CLABSI Insertion &amp; Maintenance Demonstration</b>	Dr. S. S. Nath, Dr. Anupam Das, Prof. Fatima Khan, Dr. Mohd. Saquib, Dr. Shiva Verma, Dr. Anuragini
<b>10:55 – 11:15</b>	<b>CLABSI Surveillance (CDC/NHSN)</b>	Dr. Mohd. Saquib
<b>11:15 – 11:35</b>	<b>Group Activity: Spot the Error</b>	Prof. Fatima Khan, Dr. Shiva Verma
<b>11:35 – 11:55</b>	<b>Inauguration &amp; Hi-Tea</b>	Chair & Co-Chairs
<b>11:55 – 12:15</b>	<b>VAE/VAP Principles &amp; Bundle Components</b>	Dr. S. S. Nath
<b>12:15 – 12:55</b>	<b>VAE Maintenance – Practical Session</b>	Dr. S. S. Nath, Dr. Manodeep Sen, Dr. Rimjhim, Dr. Akanksha
<b>12:55 – 13:15</b>	<b>VAE Surveillance (CDC/NHSN)</b>	Dr. Rimjhim
<b>13:15 – 13:35</b>	<b>Group Activity: Build-the-Bundle Challenge</b>	Dr. Anuragini, Dr. Shiva Verma, Dr. Akanksha
<b>13:35 – 14:00</b>	<b>Audits, Checklists &amp; Root-Cause Analysis</b>	Faculty Team
<b>14:00 – 14:15</b>	<b>Post-Workshop Assessment</b>	Dr. Akanksha Gupta, Dr. Shiva Verma
<b>14:15 onwards</b>	<b>Valedictory &amp; High-Tea</b>	Organising Team



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### 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

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