



XXVIII IAMM TAPC CHAPTER ANNUAL CONFERENCE 2025

Indian Association of Medical Microbiologists Telangana,
Andhra Pradesh Combined Chapter



**11TH & 12TH
OCTOBER 2025**



*Taramati Baradari Resort,
Ramdev Guda, Ibrahim
Bagh, Golconda,
Telangana 500031*

THEME:

*Modern Clinical Microbiology:
Challenges, Opportunities
and Solutions*

ORGANIZED BY:

*The Department of
Microbiology, Nizam's
Institute of Medical
Sciences, Punjagutta,
Hyderabad, Telangana-
500 082*

Applied for
TGMC Credit
points

Our website
www.iammtapc2025nims.com

WORKSHOP BROCHURE

“Breaking down silos: One health approach to outbreak management & control”

Date: 10th October 2025; Venue: AIIMS Bibinagar;

No. of Participants- 20; Reg. Fee: Rs. 1000/-



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- Hands-on training in field microbiology, including animal and environmental (well water) sampling, aligned with the One Health approach to understand disease transmission.
- Learning the role of sequencing in identifying strain relatedness during outbreaks, along with case-based discussions on infectious disease diagnostics and management.
- Interactive quiz on One Health with prizes, making it an engaging learning experience while bridging clinical microbiology, epidemiology, and molecular diagnostics for better outbreak preparedness.

“Diagnostic Parasitology: Emerging Trends and Technologies”

Date: 10th October 2025; Venue: NIMS (Organized by JIPMER);

No. of Participants- 20; Reg. Fee: Rs. 3000/-



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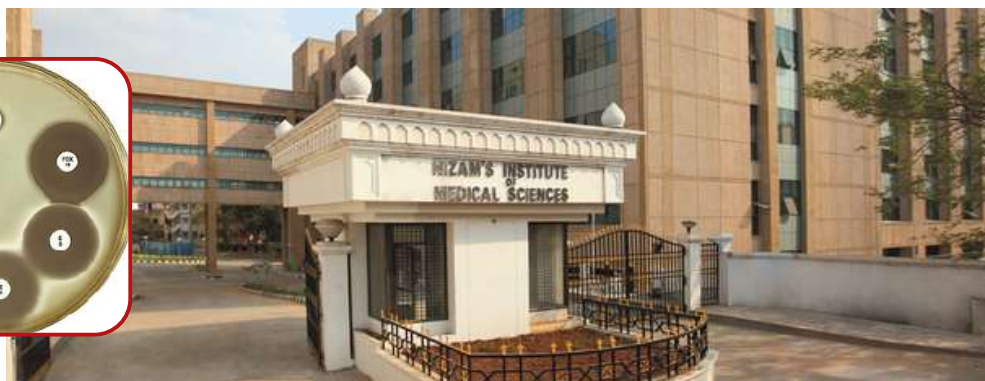
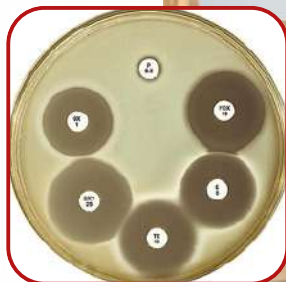


- Comprehensive sessions on blood parasites, including malaria, Babesia, Trypanosomiasis, Leishmaniasis, Schistosomes, and lymphatic filarial nematodes, covering their identification and diagnosis.
- Hands-on training in peripheral blood smear preparation, Giemsa staining, malarial parasite quantification, Knott concentration technique, and use of NNN medium and rk39 ICT for parasite detection.
- Practical demonstrations of microscopic slides throughout the workshop, ensuring a strong foundation in parasitology diagnostics, concluding with a valedictory session.

“Antimicrobial susceptibility testing and interpretation”

Date: 10th October 2025; Venue: NIMS (Organized by AIIMS Mangalgiri)

No. of Participants- 20; Reg. Fee: Rs. 2000/-



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- The workshop will focus on equipping participants with practical skills and updated knowledge essential for implementing antimicrobial stewardship and enhancing antimicrobial susceptibility testing (AST) practices.
- Sessions will cover a wide array of topics including AST panel preparation, quality control, interpretive reading of AST data, and integration of pharmacokinetic/pharmacodynamic (PK/PD) principles in treating multi-drug resistant organisms.
- Interactive components like diagnostic stewardship strategies, hospital antibiogram development, and a final quiz session will foster engagement and reinforce applied learning.

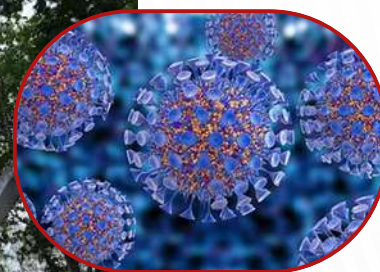
“Orientation workshop on approaches in virology”

Date: 10th October 2025; Venue: CCMB Annexe-II Medical Biotechnology
CG5X+RHF, Genpact Rd, IDA Uppal, Habsiguda, Hyderabad, Telangana 500039.

No. of Participants- 12; Reg. Fee: Rs. 7500/-



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- This workshop will provide participants with a foundational understanding of biosafety principles, focusing on BSL-3 laboratory design, safety protocols, and containment practices for handling high-risk viral pathogens.
- The workshop will offer practical insights into viral culture techniques, including the use of various cell lines for virus isolation and identification of cytopathic effects, along with demonstrations of key biosafety measures.
- Additionally, participants will be introduced to essential molecular methods, with hands-on sessions and case-based discussions highlighting their application in viral diagnostics, surveillance, and outbreak investigations.

“Applications of Next Generation Sequencing in clinical Microbiology”

Date: 10th October 2025; Venue: CDFD, Uppal, Hyderabad;

No. of Participants- 20; Reg. Fee: Rs. 3000/-



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- Unlock the power of Next-Generation Sequencing (NGS) in medical microbiology. This workshop explores cutting-edge applications of NGS in pathogen detection, antimicrobial resistance, metagenomics, and clinical diagnostics.
- Learn from experts about sequencing technologies, bioinformatics pipelines, that revolutionize infectious disease research and precision medicine.
- Whether you're a researcher, clinician, or student, this workshop will equip you with the knowledge and skills to harness NGS for microbiological advancements. Join us to explore the future of genomic-driven healthcare!

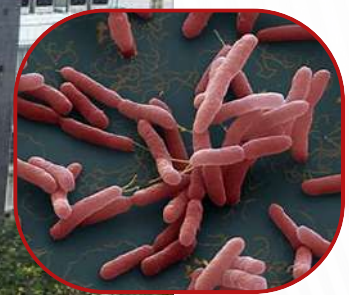
“Navigating the maze: Advances in Melioidosis diagnosis”

Date: 10th October 2025; Venue: ESIC, Sanath Nagar, Hyderabad;

No. of Participants- 20; Reg. Fee: Rs. 3540/-



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- In an era where tropical fevers pose a growing diagnostic challenge, this power-packed workshop brings together cutting-edge insights, hands-on training, and expert discussions with a special focus on Melioidosis.
- We will unravel the complexities of its diagnosis through advanced molecular assays, bacteriological workups, and point-of-care tests. Explore the changing trends in tropical fevers, sharpen your clinical acumen with case-based diagnostic challenges, and engage in a dynamic panel discussion on real-world challenges and takeaways.
- Witness live demonstrations of Ashdown medium preparation, colony morphology identification, and antibiotic susceptibility testing of *Burkholderia pseudomallei*, equipping you with essential skills to improve early and accurate detection.

“Standard and Advanced Metrics for successful outcome of Quality Indicators in Infection prevention and control programs -From Data to Action”

Date: 10th October 2025; Venue: NIMS, Punjagutta, Hyderabad;

No. of Participants- 20; Reg. Fee: Rs. 1500/-



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- Enhancing Infection Control Standards – Focus on improving quality indicators, mastering hand hygiene audits, and ensuring compliance in biomedical waste disposal.
- Patient Safety & Environmental Infection Control – In-depth sessions on HAI audits, environmental cleanliness metrics, and key performance indicators for infection control success.
- Practical Audits & Quality Improvement – Hands-on insights into blood and body fluid exposure audits, root cause analysis, and data-driven approaches to infection control improvement.

“Unveiling opportunistic infections in immunocompromised patients”

Date: 10th October 2025; Venue: Osmania Medical College, Koti, Hyderabad.

No. of Participants- 20; Reg. Fee: Rs. 1500/-



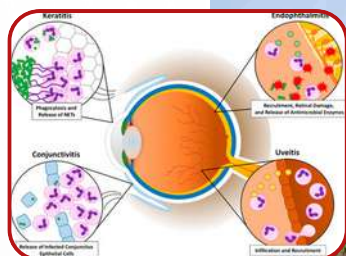
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- Comprehensive Demonstration of Infectious Agents – Visual and ELISA-based identification of viral infections, including Tzanck smear for HSV, CMV slides, and ELISA for Herpes-II and mumps.
- Detection of Opportunistic Pathogens – Techniques for identifying Mycobacterium tuberculosis (ZN stain, CBNAAT, Line Probe Assay) and fungal agents (Candida, Cryptococcus) using culture and staining methods.
- Parasitic Infections and Special Staining Techniques – Modified Acid-Fast staining for Cryptosporidium, Isospora, and Microspora, aiding in the diagnosis of opportunistic parasitic infections.

“Pathogen perspectives: Diagnostic skills workshop for ocular infections”

**Date: 10th October 2025; Venue: LVPEI, Banjara Hills, Hyderabad;
No. of Participants- 20; Reg. Fee: Rs. 2000/-**



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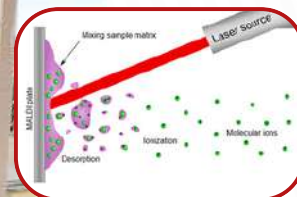
- Comprehensive Ocular Microbiology – Demonstrations of bacteriology and mycology, including smears, culture plates, and fungal identification using LPCB mounts.
- Advanced Diagnostic Techniques – Hands-on training in antimicrobial susceptibility testing (disc diffusion, E-strip, broth microdilution) and molecular methods like conventional and real-time PCR.
- Clinical Correlation & Case Discussions – Emphasis on clinico-microbiological correlation through realcase discussions for accurate and effective infection diagnosis.

“Automation in Microbiology with special emphasis on MALDI TOF”

**Date: 10th October 2025; Venue: Yashoda Secunderabad.
No. of Participants- 20; Reg. Fee: Rs. 1000/-**



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- Sessions covering automated blood culture (VIRTUO), microbial identification (MALDI-TOF, Vitek 2), and syndromic testing (BioFire) to enhance diagnostic speed and accuracy.
- Discussion on integrating laboratory findings into clinical decision-making using MAESTRIA, improving patient outcomes through rapid and reliable microbiological insights.
- Interactive workshop providing real-world experience with Vitek 2, MALDI-TOF, VIRTUO Bact Alert, and BioFire, led by the Microbiology Team from Yashoda Hospital, Secunderabad.

“Sterilization excellence: Techniques for a safer tomorrow”

Date: 10th October 2025; Venue: AIG, Gachibowli, Hyderabad;
No. of Participants- 20; Reg. Fee: Rs. 2000/-



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- Comprehensive Overview of CSSD Operations – Covers workflow design, cleaning, disinfection, sterilization techniques (including plasma and ETO sterilization), and automation in CSSD.
- Quality Control & Compliance – Focus on sterilization process monitoring, validation, documentation, water quality management, and reprocessing of single-use devices.
- Practical Insights & Best Practices – Includes a video tour of CSSD, discussions on recall policies, and expert-led sessions to enhance infection control and sterilization efficiency.

“Postgraduate Orientation program on laboratory techniques”

Date: 9 th & 10th October 2025; Venue: KAMSRC, LB Nagar, Hyderabad;
No. of Participants- 20; Reg. Fee: Rs. 10, 000/-



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- Good Laboratory Practices (GLP) in Microbiology equipping postgraduates with essential lab techniques for accurate microbial identification and analysis.
- Exam-Oriented & Interactive Learning – Designed as per NMC guidelines to help PGs confidently face practical exams, featuring interactive sessions with faculty, peer discussions, and a meticulously prepared technical bench manual with SOPs, flowcharts, and QC protocols.
- Training on SOP's, processing, identification, and reporting of clinical isolates (bacterial & fungal) following recommended guidelines, ensuring both technical competence and diagnostic accuracy.

**New
Addition**

Workshop on Food Microbiology and Safety

**Date: 10th October 2025; Venue: NIN (Hyderabad);
No. of Participants- 15; Reg. Fee: Rs. 2000/-**



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- The workshop covers major bacterial foodborne pathogens like *E. coli*, *S. aureus*, *B. cereus*, Coliforms, *Salmonella* and *Listeria monocytogenes*, focusing on isolation and identification techniques, such as the Most Probable Number (MPN) and standard plate count methods for coliforms and *E. coli*.
- Hands-on training includes conventional microbiological techniques like culture media preparation, plating, colony identification, and ensuring quality control practices in food microbiology testing.
- Emphasis is placed on good laboratory practices (GLP) to maintain accuracy and reliability in traditional food microbiology analyses.

Registration Tariff

| Category | Early Bird Registration (Up to 31st March 2025) | Regular Registration-1 (From 1st April to 31st July 2025) | Regular Registration-2 (From 1st August to 31st August 2025) | Spot Registration |
|------------------------|--|--|---|-------------------|
| PG Students | Rs. 5000 | Rs. 6000 | Rs. 7500 | Rs. 9500 |
| IAMM TAPC Life Members | Rs. 5500 | Rs. 6500 | Rs. 8000 | Rs. 10000 |
| Non- Members | Rs. 6500 | Rs. 7500 | Rs. 9000 | Rs. 11000 |
| Accompanying Person | Rs. 4500 | Rs. 5500 | Rs. 7000 | Rs. 9000 |

Bank Details

| | |
|--------------|---|
| Account Name | MICROBIOLOGY NIMS SCIENTIFIC ASSOCIATION (MNSA) |
| Account No | 1079110100000068 |
| PAN No | AAWAM6634K |
| IFSC Code | UBIN0810797 |
| Branch Name | NIMS Branch, Punjagutta Hyderabad – 500082 (TG) |



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Dr. Tasneem - +91 9505902027



IT Partner



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