

**Golden Jubilee Commemoration  
International Conference**

on

**Emerging Microbial Technologies for  
One-Health (EMTH-2025)**

*October 15-17, 2025*



Organized by :

**DEPARTMENT OF MICROBIOLOGY**

University College of Science, Osmania University,  
Hyderabad, Telangana, India - 500 007.

*In Association with*



**AMI-Hyderabad Unit**

**Venue:** Tagore Auditorium, Osmania University,  
Hyderabad.

## City of Hyderabad, India

Hyderabad, the capital city of Telangana, is a vibrant metropolis known for its rich history, cultural heritage, and rapid technological growth. Founded in 1591 by Muhammad Quli Qutb Shah, the city is home to iconic landmarks like the Charminar, Golconda Fort, and the grand Chowmahalla Palace. Hyderabad seamlessly blends the old with the new, offering a unique mix of traditional bazaars such as Laad Bazaar and modern IT hubs like HITEC City, which have earned it the nickname "Cyberabad." Renowned for its delectable cuisine, especially the world-famous 'Hyderabadi Biryani', the city also boasts a cosmopolitan lifestyle and a thriving arts and film scene. With its warm hospitality, diverse population, and dynamic development, Hyderabad stands as one of India's most significant and charismatic urban centers.



### How to Reach

The Hyderabad Airport, also known as Rajiv Gandhi International Airport and Hyderabad International Airport, is just 30 km away from the venue. Besides, the city is served by four major railway junctions called Hyderabad Railway Station (7 km away), Secunderabad Railway Station (3 km away), Cherlapally Railway Station (13 km away) and Kachiguda Railway Station (5 km away). Those travelling by bus from neighbouring cities and towns can avail the bus services of Telangana State Road Transport Corporation (TGSRTC). All types of taxi services are available from airport and all other stations to venue of conference/place of accommodation.

### Osmania University

Osmania University, established in 1917, stands as the seventh oldest university in India, the third oldest in South India, and the first to be founded in the erstwhile princely state of Hyderabad. Over its century-long existence, the university has made significant contributions to academic and economic development, not only in the region but also across the country. Its alumni have achieved distinction nationally and internationally across various spheres of life. The university's vision is to develop, enhance, and improve the quality of human resources to meet the challenges of regional, national, and global socio-economic changes. Its mission is to achieve excellence in teaching and research and to create opportunities for students to contribute to national and regional development.



**Accreditation:** Osmania University was re-accredited with an 'A+' grade by the National Assessment and Accreditation Council (NAAC) with a CGPA of 3.52.

**Rankings:** In the QS World University Rankings 2025, Osmania University is placed in the 1201–1400 bracket globally. According to the Times Higher Education World University Rankings, it falls within the 1201–1500 range globally. The National Institutional Ranking Framework (NIRF) 2024 ranked Osmania University 70th in the 'Overall' category.

### About the Department of Microbiology, Osmania University

The Department of Microbiology under University College of Science, Osmania University completed 50 years of its establishment as an independent university department (Est. 1974). It has become the first ever in entire south India among southern universities to offer M.Sc Microbiology. A separate building was constructed for the department of microbiology in the year 1982. This department was established with the vision of fostering excellence in the field of microbiology, offering postgraduate, and doctoral programs, blending theoretical





knowledge with practical expertise. Equipped with state-of-the-art laboratories and guided by experienced faculty, it provides students with a strong foundation in microbial physiology, genetics, immunology, and applied microbiology. The department is also actively engaged in research across various domains, including medical, environmental, and industrial microbiology, contributing significantly to scientific advancement and public health supported with extramural funding by UGC-SAP, DST-FIST, DBT, SERB and ICMR. Its commitment to academic rigor and innovation has earned it a distinguished reputation both

nationally and internationally. The department introduced M.Sc. Fermentation Technology course from the academic year 2023-24.

The Centre for Microbial and Fermentation Technology (CMFT) was established as a Centre of Excellence under MHRD-RUSA 2.0 at the Department of Microbiology, Osmania University. The major objective of the centre is to conduct high quality basic and applied research in frontier areas of microbial biotechnology and aimed to develop efficient industrial microbial strains for biofuels and biochemicals of commercial importance.

### About the Conference

Join us at EMTH-2025 as we celebrate five decades of academic and scientific journey and look forward to shaping the future of microbial technologies in a One-Health world.

The Department of Microbiology, University College of Science, Osmania University, is proud to announce an International Conference on “Emerging Microbial Technologies for One-Health (EMTH-2025),” as part of its Golden Jubilee Celebrations. Established in 1974, the department has completed a remarkable 50 years of academic and research excellence, and this landmark event is being commemorated by bringing together leading minds across the globe to discuss cutting-edge microbial technologies that align with the One-Health paradigm. The concept of One Health recognizes the interdependence of human, animal, and environment. In recent years, microbial technologies have emerged as powerful tools to address the complex challenges of this interconnected ecosystem. EMTH-2025 will serve as a dynamic platform to explore the latest innovations, applications, and research in the field of microbiology with implications for human and veterinary medicine, agriculture, environmental sustainability, and public health.

### Key Objectives

- To showcase emerging trends and breakthroughs in microbial research and biotechnologies.
- To foster interdisciplinary collaboration among scientists, academicians, policy makers, healthcare professionals, industry experts, and students.
- To discuss the role of microbiomes, antimicrobial resistance, infectious disease surveillance, bioinformatics, and microbial therapeutics in a One-Health context.
- To deliberate on microbial technologies for agriculture, food safety, waste management and environmental conservation to achieve the targets of SDGs.

### Major Conference Tracks

1. Enzyme Technology, Biofuel and Bioenergy
2. Probiotic Enriched Innovations: Regulatory, Safety and Quality Control
3. Probiotics, Prebiotics and Postbiotics for Health and Nutrition
4. Microbes for sustainable Agriculture and Environment
5. Fermentation Technology and Bioprocess Optimization
6. Policy, Public Health, and One-Health Strategies
7. Microbial Bioinformatics and AI
8. Synthetic Biology and Microbial Engineering
9. Microbial Genomics and Metagenomics
10. Microbiology in Veterinary and Animal Husbandry

## Event Highlights

- Plenary Lectures by Eminent International/National Experts
- Keynote Addresses and Invited Talks
- Oral and Poster Presentations
- Panel Discussions and Networking Sessions
- Special Sessions on Innovation, Start-ups, and Translational Research
- Awards for Best Papers and Posters

## Target Participants

Researchers, academicians, scientists, clinicians, veterinarians, environmentalists, industry professionals, policy makers, and students engaged in microbiology and allied disciplines.

## Call for Abstracts

The abstracts are invited for oral and poster presentations of original research on the themes related to the conference under different sub-themes of Microbiology. The organizing committee would also select a few oral presentations from the submitted abstract. Abstracts are to be submitted to email address [abstractemth2025@gmail.com](mailto:abstractemth2025@gmail.com) before 31st July, 2025.

## Instructions for Abstract Submission

- Abstract title must be limited to 30 words
- The body of the abstract should not exceed 250 words with 12 font and Times New Roman (Excluding title, authors and affiliation)
- No figures/tables/graphics should be included
- All the abstracts should be submitted through e-mail only

## Registration

All delegates are required to pay the registration fee and register for the conference via given QR codes. The Registration fee will include admission to the scientific programmes including the presentations and poster sessions; delegate bag, badge, and conference materials; tea/coffee, breakfast, lunch and dinner during the conference. Accompanying persons are entitled for accessing only food during the conference. Accommodations and other expenses are not covered in registration fee. Only one paper per registration is allowed. Delegates are requested to fill the details and register through online google form QR code after payment of registration fee. May also pay through online payment mode and enclose the payment details via Google form.

## Details of Registration Fee

Categories	Early Bird Registration	Late Registration	On-Spot Registration
Faculty/Postdoctoral Fellows	INR 3000	INR 3500	INR 4000
PhD/M.V.Sc/ M.Sc./M.Tech Students	INR 2000	INR 2500	INR 3000
Accompanying Spouse/Guest	INR 1500	INR 2000	INR 2500
Industry/Corporates	INR 4000	INR 4500	INR 5000
International Delegates	\$100	\$125	\$150

## Important Deadlines

Early Bird Registration	July 31, 2025
Late Registration	August 31, 2025
Submission of Abstracts	July 31, 2025



### Payment by online transfer

Name : The Convenor, EMTH-2025  
Account No. : 44010500094  
IFSC : SBIN0020071,  
Bank : State Bank of India  
Branch : Osmania University, Hyderabad.

### Local hospitality

Registered participants will have to explore for the accommodation facility by their own. Details of the hotels in the vicinity of the conference venue are given below. Participants may directly contact the hotel and book the accommodation.

### Scan & Pay



### Register



#### Hotel kinara grand - Habsiguda

+91 9293050033

<https://www.kinaragrand.com/>

[https://maps.app.goo.gl/BJ3LLqd2w478BeWo8?g\\_st=aw](https://maps.app.goo.gl/BJ3LLqd2w478BeWo8?g_st=aw)



#### Dwaraka inn – Habsiguda

+91 9293050033

<https://www.kinaragrand.com/>

[https://maps.app.goo.gl/7hLAYQEV29ZHcoRx8?g\\_st=aw](https://maps.app.goo.gl/7hLAYQEV29ZHcoRx8?g_st=aw)



#### Hotel Suprabhat – Habsiguda

+91 40-66190499

<http://www.suprabhathotel.com/>

[https://maps.app.goo.gl/qRaYT9BSmdEJbF1c7?g\\_st=aw](https://maps.app.goo.gl/qRaYT9BSmdEJbF1c7?g_st=aw)



#### Dhruv elite - Shivam

+91 7995499914

<https://dhruvelite.com/>

[https://maps.app.goo.gl/3icxHQmrYyMY5P6s5?g\\_st=aw](https://maps.app.goo.gl/3icxHQmrYyMY5P6s5?g_st=aw)



#### Tourist plaza - Kacheguda

+91 9959666344

<http://hoteltouristplazahyd.com/>

[https://maps.app.goo.gl/UZcgAs3sizqq1GTr9?g\\_st=aw](https://maps.app.goo.gl/UZcgAs3sizqq1GTr9?g_st=aw)



#### Hotel Maharaja Classic inn - Kacheguda

+91 9347453467

<https://reservations.hotelplacer.com/PropID=112>

[https://maps.app.goo.gl/1bJLe1Dcr4jxcALN9?g\\_st=aw](https://maps.app.goo.gl/1bJLe1Dcr4jxcALN9?g_st=aw)



#### Hotel S Continental – Kacheguda

[oyorooms.com](http://oyorooms.com)

<https://maps.app.goo.gl/555kVU2GN4vdtzaa6>



## Conference Organization

### Chief Patron

**Sr. Prof. Kumar Molugaram**

Vice Chancellor, Osmania University

### Patrons

**Prof. G. Naresh Reddy**

Registrar, Osmania University

**Sr. Prof. S. Jithender Kumar Naik**

OSD to Vice Chancellor, Osmania University

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**Dr. K. Shanthi Kumari**

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**Dr. B. Chandra Sekhar**

### Convener

**Prof. B. Bhima**

Head, Dept. of Microbiology, UCS, OU

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C-BoS, Dept. of Microbiology, OU & Director, MLBC, CWS, OU

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**Ms. Jutika Pallavi**

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**Faculty Members, Dept. Microbiology,  
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3. **Prof. R.C. Kuhad**, Founding Chairman, Academy of Microbiological Sciences and Former Vice Chancellor, Central University of Haryana.
4. **Prof. Ashok Pandey**, Executive Director, Centre for Energy and Environmental Sustainability, Lucknow
5. **Prof. Dayanand Agsar**, Vice Chancellor, Gulbarga University
6. **Prof. Prince Sharma**, Panjab University, Chandigarh, President, AMI-2025
7. **Prof. Sunil Khare**, Director, IISER Kolkata, Immediate Past President, AMI
8. **Dr. Anil Kumar Puniya**, Director, ICAR-NRCC Bikaner, President Elect, AMI
9. **Prof. Pratyosh Shukla**, Former General Secretary, AMI
10. **Prof. Namita Singh**, General Secretary, AMI
11. **Prof. Naveen Kumar Aurora**, BBAU

### Local advisory committee

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|--|--|
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| 6. <b>Prof. G. Seenayya</b><br>Rtd. Prof., Dept. Microbiology, O.U.  | 12. <b>Dr. John Peter</b><br>Varsh Bio Science Pvt. Ltd.                   |



### Contact

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