

## About the Conference

The theme of the conference is chosen based on the major calamity the world faced in 2019-20 that is COVID. Even though, the microbes have known to cause epidemic and endemic episodes, the world was not prepared for the attack of COVID. In that line, the International conference is focused on throwing light on "Biodefence – organisms", which will motivate the young scientists to new ventures in research. Besides being a mass- murderer the microbes are now being accused as the root cause for all metabolic diseases including CVD, Neurological, Cancer etc.

Microbes being the major contributor for human metabolism, the role of microbes in human diseases is now becoming the major area of research. In addition to its harmful impact, the microbes are also gaining attention as therapeutics agents in several forms. The different facets of microbes need to be exposed for proper utilization of Human kind. Considering these facts in view, the International Conference is planned to encompass all the above information with the title "Microbiome in Biodefence and Therapeutics".

### Thematic Areas

- Gut Microbiome
- Cancer Therapy
- Bioprospecting of microbes
- Marine Metabolites
- Microbial Metabolites
- Biodefence
- Omics
- Genetic Engineering and Gene therapy
- Pro and Prebiotics
- Other related areas

## About the Department

The Department of Microbial Biotechnology was started in the academic year 2008 as a component of the School of Biotechnology and Genetic Engineering. The department conducts PhD programs and offers an M.Sc program in Microbiology and a PG Diploma in Industrial Biotechnology. The department has well-established laboratories for conducting research in Cancer Therapeutics, Clinical Biotechnology, Biopharmacy, Translational Plant Research and Natural Products Research. The department is resourced with funds for research projects from DST, DBT, CSIR, UGC, ICMR, TNSCST, TANSCH, and DRDO. The achievements of the department have secured financial assistance from DST-FIST and RUSA. The department is also involved in consultancy services for water quality analysis and antimicrobial testing. Project training is also provided for students in four different modules: biochemical and molecular identification of bacterial culture, cloning techniques, downstream processing techniques and plant tissue culture.

### About Biogalaxy

The department is actively engaged in research, teaching and extension activities. BIOGALAXY, the student and scholar drive and network of the Department of Microbial Biotechnology was instituted in 2008 under the supervision of faculty members. Several extension activities include a blood donation camp, the preparation of a blood donor database, growing landscape plants in the greenhouse, awareness campaigns. To disseminate the recent scientific discoveries and advances, a National level Conference has been conducted every year as "BIOGALAXIA".



## Department of Microbial Biotechnology Bharathiar University

Two days

**International Conference on Microbiome in  
Biodefence and Therapeutics (ICMBT) 2024 -25**  
**19.02.2025 & 20.02.2025**

### About the University

Bharathiar University was established in Coimbatore by the Government of Tamil Nadu in February 1982 under the provisions of the BU Act, 1981 (Act 1 of 1981), after the name of the great national poet Subramanya Bharathi. Enshrined with Moto, "Educate to Evaluate", the University strives to realize the vision of India. The campus encompasses 39 departments with well-established library and Internet facilities. Based on the academic achievements of the University, DST has provided funds under PURSE with which a Central instrumentation Centre has been established with sophisticated Equipment catering to all research scholars in the region. It proudly houses a DRDO-Industry Academia- Centre of Excellence BU as a joint venture to engage research in advanced areas of life sciences and defense. Bharathiar University is renowned for its excellence in research and teaching, as evidenced by its first rank among the Universities of the state of Tamil Nadu and 26<sup>th</sup> place overall in India according to the National Institute Ranking Framework (NIRF), MHRD and A<sup>++</sup> grade by NAAC. In addition, the academic credential has secured a place among the 16 universities in India to receive funds from RUSA. Our institution serves as an educational hub to nurture ideas and ideals that profoundly influence the world outside.

## TWO DAYS

# INTERNATIONAL CONFERENCE ON MICROBIOME IN BIODEFENCE AND THERAPEUTICS (ICMBT) 2024-25

### Chief Patron

**Dr. K. GOPAL, I.A.S.,**  
Convener, Vice Chancellor Committee

### Patrons

**Prof. Dr. F.X. LOVELINA LITTLE FLOWER**  
Member, Vice Chancellor Committee

**Prof. Dr. AJEET KUMAR LAL MOHAN**  
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**Dr. C.A. VASUKI**  
Member, Vice Chancellor Committee

**Prof. Dr. RUPA GUNASEELAN**  
Registrar (i/c)

### Convener & Organizing Secretary

**Dr. J. ANGAYARKANNI**  
Professor & Head,  
Dept. of Microbial Biotechnology

### Organizing Members

**Dr. V. BRINDHA PRIYADARISINI**  
Associate Professor, Dept. of Microbial  
Biotechnology

**Dr. K. PREETHI**  
Assistant Professor, Dept. of Microbial  
Biotechnology

**Dr. G. KAPILDEV**  
Assistant Professor, Dept. of Microbial  
Biotechnology

**Dr. M. GNANADESIGAN**  
Assistant Professor, Dept. of Microbial  
Biotechnology

### CONTACT

**SUJEETH N K**  
Chairman

**SURYAPRAKASH E**  
President

**BIOGALAXY'2024-25**

Phone: +919994910859 Phone: +919787118837

### Who can Attend

Academicians, Scientists, Early career researchers and students from diverse fields of Microbiology, Biotechnology, Biochemistry, Botany, Zoology, Genetics, Nanoscience and Technology, Bioinformatics, Environmental biology, Paramedical sciences, and other allied fields.

### Awards

The conference offers Best research paper award. Only one presenting author would be awarded with presentation certificate. All other registered candidates would be awarded with participation certificate.

### Speakers

**Dr. J. SIVARAMAN**  
Professor, Department of Biological Sciences  
National University of Singapore, Singapore

**Dr. JOSEPH KINGSTON**  
Scientist, Division of Microbiology,  
Defence Food Research Laboratory, Mysore

**Dr. PONMARIAPPAN SWAMY**  
Scientist at DRDE  
Gwalior, Madhya Pradesh, India

**Dr. V. CHANDRASEKAR**  
Operational Director  
Sterline Medplast, Coimbatore

**Dr. MADAVAN VASUDEVAN**  
Founder and CEO,  
Theomics International Pvt.Ltd  
Bangalore

### Registration Fee details

Category	Early Bird Registration (Rs.)
<b>Students/ Scholars / PDF</b>	<b>750</b>
<b>Academicians/Scientists</b>	<b>1000</b>
<b>Industry Personals</b>	<b>1500</b>

The registration fee covers the conference kit, lunch and refreshments. Registration fees can be paid through online transfer as per details given below. For participants, accommodation will be arranged on prior intimation as per availability with nominal charges.

### Bank details

<b>Name of the account holder</b>	<b>: MBT BIOGALAXY</b>
<b>Account Number</b>	<b>: 822610210000110</b>
<b>IFSC Code</b>	<b>: BKID0008226</b>
<b>Bank</b>	<b>: Bank of India</b>
<b>Branch</b>	<b>: Bharathiar University</b>

### Important dates

<b>Registration Starts from</b>	<b>:20.01.2025</b>
<b>Last date for registration and abstract submission</b>	<b>:10.02.2025</b>
<b>Intimation of Selected abstracts</b>	<b>:15.02.2025</b>

### Events

#### Submission of Abstract (Oral/Poster)

The abstracts are invited from the scientific community for oral and post presentation. Abstract should not exceed 350 words including title, author(s) name and affiliation with active email ID. Abstract should be prepared by using MS word in Times New Roman (12 font size), double line spacing. Underline the name of the presenting author.

Poster size: 3 ft width and 4 ft height(36 inch W x 48 inch H). Abstracts must be submitted as email attachment to [icmbt2025@buc.edu.in](mailto:icmbt2025@buc.edu.in) All the accepted abstracts will appear in the conference souvenir.

**Registration Link** <https://forms.gle/ARu5bkj1tYDsejQn9>

Scan Here to Register

