



MADURAI KAMARAJ UNIVERSITY

(University with Potential for Excellence)
(Accredited by NAAC with "A++" in the 4th Cycle)
Madurai - 625 021, Tamil Nadu

International Conferences on Microbial Innovations for Sustainable Agriculture and Medical Applications

Hybrid Mode (Online & Offline)

Organized by Department of Microbial Technology, School of Biological Sciences, MKU In Association with
Mycological Society of India and Microbiologist Society, India

CELEBRATION OF WORLD FUNGUS DAY

16th and 17th December, 2025

ABOUT THE CONFERENCE

The Two-day international conference on "Microbial Innovations for Sustainable Agriculture and Medical Applications". Madurai Kamaraj University, Madurai in association with the "Mycological Society of India" and "Microbiologists Society, India" on 16th & 17th December, 2025 at the campus of Madurai Kamaraj University, Madurai, Tamil Nadu. In both online and offline modes, We encourage all participants in the field of all the branches of biological and agricultural sciences to join and contribute to the event with enthusiasm. It will be an opportunity to design a top-notch scientific programme that includes keynote addresses, plenary lectures, scientific sessions and a range of other events for attendees all around the world. The deliberations will help us to understand the concept of microbial innovations in the field of agriculture and biomedical applications and which have long been recognized for development of sustainable eco system and environment protection for their benefit of human kind.

MADURAI KAMARAJ UNIVERSITY

Madurai University was established as a State University in the year 1965 and renamed MADURAI KAMARAJ UNIVERSITY in the year 1979, shortly known as MKU, reaccredited with the "A++" with a CGPA score of 3.54 by the NAAC in the 4th cycle in March 2021. Now MKU is in Category-I Universities of India. The University has secured 85th rank among Indian Universities and India's best government Multi-disciplinary University in NIRF ranking - 2025 and by the Ministry of Human Resource Development respectively. MKU has 21 Schools comprising 78 Departments, 21 academic centres, 117 affiliated Colleges, and 15 Institutions. Madurai Kamaraj University offers 41 PG, and 17 Diploma/ P.G Diploma/ Certificate courses in various Departments. University Grants Commission (UGC), has recognized MKU as a "University with a potential for Excellence".

SCHOOL OF BIOLOGICAL SCIENCES

The School of Biological Sciences, Madurai Kamaraj University, had a humble origin in the early 1960's as the postgraduate extension centre of the Zoology Department of the Madras University at Madurai. Prof. S. Krishnaswamy, popularly known as SK, was the founder, dreamer and a visionary. When the PG extension centre became the Madurai (later Madurai Kamaraj) University in 1966, SK founded the Department of Biological Sciences, the first integrated department in the country. SBS has made 8 FASC, 7 FNA, 5 FNASC, 2 FAM 2 TWAS Academy Fellows and 4 TANSA and Shanthi Swarup Bhatnagar Awardees.

ABOUT THE MSI & MBSI

Mycological Society of India (MSI) is a scientific body constituted for the advancement of Mycology in India. The study of fungi includes mushrooms, molds, truffles, yeasts, lichens, plant pathogens and medicinally important fungi. The society was founded in January 1973 by a team of mycologists led by Prof. C.V. Subramanian, Former Director, Centre for Advanced Studies in Botany, University of Madras, Chennai, India and former President, International Mycological Association, with a view to bring together the mycologists of the country and with the broad objectives of promoting development of mycology for the prospects and in the widest prospective. The study of microbes includes uni and multicellular organisms (Bacteria, Actinomycetes, Fungi of beneficial and plant pathogens) are agriculturally and medicinally important microbes. The society was founded in January 1996 by a team of microbiologist led by Prof. A.M. Deshmukh, Founder President, Professor, India with a view to bring together the microbiologist of the country and with the broad objectives of promoting development of microbiology for the prospects and in the widest prospective.

Chief Patron

Tmt. E. Sundaravalli, I.A.S. Commissioner of Collegiate Education, Directorate of Collegiate Education, Govt of Tamil Nadu, Convener, Madurai Kamaraj University

Patron

Prof. B. Mayilvaganan, Syndicate Member, Convener Committee Member, Madurai Kamaraj University

Co-Patron

Prof. M. Ramakrishnan, Registrar i/c, Madurai Kamaraj University

Convenors

Prof. S. Chandrasekaran, Head & Chairperson SBS, MKU

Prof. G. Kumaresan, Head, Department of Genetics, SBS, MKU

Organising Secretary

Dr. V. Shanmugaiah, Assistant Professor, Dept. Microbial Technology, SBS, MKU

Co-Organising Secretary

Dr. S. Ramasamy, Associate Professor & Head, Dept. of Biochemistry, SBS, MKU

Dr. U. Ramesh, Assistant Professor & Head, Dept. of Molecular Biology, SBS, MKU

Dr. J. Rajendhran, Assistant Professor, Dept. of Genetics, SBS, MKU

Treasurers

Dr. T. Jebasingh, Assistant Professor, Dept. of Plant Science, SBS, MKU

Dr. S. Suresh, Assistant Professor & Head, Dept. of Botany, DDE, MKU

Organizing Committee Members

Dr. M. Jayalakshmi, Associate Professor & Head, Dept. of Immunology, SBS, MKU

Dr. M. Murugan, Assistant Professor & Head, Dept. Microbial Technology, SBS, MKU

Dr. R. Sankar, Assistant Professor & Head, Dept. of Animal Behaviour & Physiology, SBS, MKU

Dr. C. Amutha, Assistant Professor, Dept. of Animal Behaviour & Physiology, SBS, MKU

Dr. K. Sivakumar, Professor, Dept. of Plant Science, SBS, MKU

Dr. Justin Thenmozhi, Assistant Professor, Dept. of Biochemistry, SBS, MKU

Abstract Submission

Abstracts are invited from authors for their original work (not considered for publication elsewhere). Abstract to be submitted in Times New Roman, Font size 12, not exceeding 250 words, with 1.5 line spacing, not more than 5 keywords with Title in capitals of 14 font size, bold with affiliation of the authors, e-mail ID of the corresponding author on or before December 10th, 2025 through registration google forms: <https://forms.gle/ttonhxxwU1sjgN9D9> For Oral & Poster Presentation kindly email to icmisama2025@gmail.com. The poster size should be 48 x 36 inches.

Publication

Full papers will undergo the standard review process for publication in "Plant Science Today" (Impact factor 0.8; NAAS rating 6.7). A special discounted publication fee is available (Rs 12,500 for students; Rs 15,500 for scientists). Accordingly, participants are required to submit their full papers by December 10, 2025, in accordance with the "Plant Science Today" journal's guidelines. (<https://horizonpublishing.com/index.php/PST>)

Awards and Recognitions

To recognize outstanding research, awards will be given separately to students and scientists for the best Oral and Poster Presentations in each session. Winners will be chosen based on the originality of the research, quality of the presentation, and its relevance.

Accommodation

Accommodation will be arranged upon prior request. Participants are responsible for covering their accommodation costs. For any clarifications related to this, delegates and participants may contact the organizing secretary, Dr. V. Shanmugaiah, Mobile numbers: 9597414347 & 6374828137.

Designation	Registration Fee (INR)
UG/PG	₹ 500
Research Scholars	₹ 1000
Faculty/Academicians/Scientists	₹ 2000
Industrialists	₹ 3000
Foreign Delegates Researcher	\$ 150
Accompanying Person	₹ 1000

Conference Themes

- Biodiversity Conservation and Ecological Perspective
- Plant Growth Promoting Rhizobacteria
- Role of Microbes for Environmental Protection
- Microbial Biotechnology
- Bio-inoculants, Bio-control and Bio-pesticides
- Microbial and Plant Genomics
- Plant-Microbe Interactions
- Nanoparticles from Microbes and their Applications
- Antibiotics from Microbiomes
- Industrial Application of Microbes
- Metabolites from Microbes for Biomedical Application
- Marine Microbial Products and their Applications
- Pre and Probiotics of Food & Dairy Microbiology
- Fermentation Technology
- Industrial Enzyme Production from Microbes



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