About ICPBSPE

Welcome to the International Conference on Plant Biotechnology for Sustainable Productivity and Environment (ICPBSPE), a premier event (**Hybrid mode**) dedicated to advancing the field of plant biotechnology organized by the Department of Plant Sciences, MSLS, MAHE, Manipal. This conference aims to bring together leading scientists and researchers worldwide to share their latest research findings, ideas, and innovations. It provides an excellent platform for participants to network, collaborate, and explore the future of plant biotechnology in addressing global challenges, food production as well as cleaner and greener environment.

Themes

- Plant biodiversity conservation, ecology and climate change
- Plant biotechnology, genetics and crop improvement
- Plant-biotic and abiotic stress interactions
- Phytopharmaceuticals and nutraceuticals
- Phytoremediation of heavy metals and eco-friendly environment

Who can attend?

Academicians, Researchers and Ph.D Scholars working in the field of Agriculture, Botany, Environmental science, Horticulture, Pathology, Phycology, Plant tissue culture or Industry, and PG/UG students who are eager of learning advanced research findings and knowledge are welcome to join International Conference on Plant Biotechnology for Sustainable Productivity and Environment (ICPBSPE 2024).

MANIPAL
ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)

INSTITUTION OF EMINENCE | NAAC A++ GRADE ACCREDITED | nirf 4th India Ranking 2024 Universities Category

MANIPAL SCHOOL OF LIFE SCIENCES
MANIPAL
(A constituent unit of MAHE, Manipal)

International Conference on Plant Biotechnology for Sustainable Productivity and Environment (ICPBSPE)

December 9th-10th, 2024

Organized by

Department of Plant Sciences
Manipal School of Life Sciences
Manipal Academy of Higher Education (MAHE)
Manipal, Karnataka, India

About Manipal School of Life Sciences, Manipal Academy of Higher Education (MAHE)

The Manipal School of Life Sciences (MSLS) is well established for its research and teaching activities under the aegis of the Manipal Academy of Higher Education (MAHE), Manipal and is home to pathbreaking research studies in the field of life sciences. The school nurtures students to pursue productive careers in various life sciences domain by providing a conducive academic environment for those interested in life sciences research. The mission statement of MSLS is "to engage in cutting edge research, training, education and community services in the field of human health". Since its inception in 2006, the School has trained researchers and practitioners who are making a positive difference in the community globally. The School was identified as TIFAC-CORE (Technology Information, Forecasting & Assessment Council Centres of Relevance & Excellence) under vision 2020 in 'Pharmacogenomics' and received program support under "DBT-Translational Research", "DST-FIST", "DBT-INSPIRE" and "DBT Builder grant" programs of the Government of India. MSLS actively pursues and promotes advanced research through collaborations in India and abroad. The School conducts BSc and BSc (Hons) program in Biotechnology, eight MSc programs (in Medical Biotechnology, Molecular Biology and Human Genetics, Bioinformatics, Systems Biology, Genome Engineering, Tissue Engineering, Biomolecular Physics and MSc by Research in Life Sciences), a certificate course in Bioinformatics and a robust PhD program. To facilitate the major activities at MSLS, the institution works with eight interactive groups namely, Departments of Ageing Research, Bioinformatics, Biophysics, Biotechnology, Cell and Molecular Biology, Plant Sciences, Public Health and Genomics and Radiobiology and Toxicology.

About Department of Plant Sciences, MSLS, MAHE

The Department of Plant Sciences (DPS), established in 2015, is involved in teaching BSc and MSc programs and conducting basic as well as applied research in Plant Sciences. The Department has state-of-the-art facilities which include plant cell, tissue and organ culture facilities, LI-COR portable photosynthesis system (6400XT), plant growth chamber, and a greenhouse (800×600 feet), apart from the common instrumentation platform of Manipal School of Life Sciences, MAHE. The major research includes; 1) Demonstrating the bioefficacy of natural products, 2) Somaclonal variations for crop improvement, 3) Carbon dioxide sequestration strategies using plants, 4) Characterization of plant-microbe interaction, biological control and PGPR, 5) Physiobiochemical and molecular responses of biotic as well as abiotic stresses in plants, 6) Molecular identification and plant disease diagnostics and 7) Conservation of screening of orchids for novel bioactive molecules. Research is supported through financial assistance from the DST-TIFAC, Indian Council of Medical Research (ICMR), Science and Engineering Research Board (SERB) and International Cooperation Division of Department of Science and Technology (ICD-DST), Government of India, New Delhi and Manipal School of Life Sciences (MSLS), Manipal Academy of Higher Education (MAHE).

Important dates

Abstract Submission
Start date: September 9, 2024
Last date : November 10, 2024
Registration
Start date: September 9, 2024
Last date : November 25, 2024
Communication of abstract acceptance
November 20, 2024

Call for Abstracts

The abstract submission should adhere as follows.

- 250 words with title, authors, affiliations and **email address of presenting author in bold letters.**
- Abstract in MS Word format (Times New Roman, Font size: 12, with 1.0 line Spacing).

Abstract submission link:
https://forms.gle/cVSFWsBdY1XtdY1W6

Registration fees

Types	INR*
Faculty	2000
Research Scholar & Students	1500
Spot Registration	2500

*18% GST for Non-MAHE faculty and students to be added along with registration fees.
Please contact for concessional registration fees for group registration (minimum of 10 persons)

Registration link: https://tinyurl.com/mpj8h7tv

Accommodation

Limited accommodations are available (first come first serve basis) in guest house and hostels on payment basis upon request.

Organizing Committee

Chairperson

Prof. B.S. Satish Rao
Director,
Manipal School of Life Sciences, MAHE

Conveners

Prof. A. Muthusamy,
Head, Dept. of Plant Sciences, MSLS, MAHE

Prof. Vidhu Sankar Babu,
Dept. of Plant Sciences, MSLS, MAHE

Prof. Padmalatha S Rai,
Head, Dept. of Biotechnology, MSLS, MAHE

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