



















2ndInternational Conference SYMBIOT 25

(Symphony of Medicine, Biological Sciences & Omics Technologies)

Post-Conference Workshops

Organized by: Department of Biotechnology, IE-Bt & Manipal BioMachines Manipal Institute of Technology, MAHE Manipal

HYBRID MODE (ONLINE & OFFLINE)

Manipal Institute of Technology (MIT) was established in 1957 as one of the first self-financing engineering colleges and is recognized as one of the top private engineering institutions in India under the constituent unit of Manipal Academy of Higher Education (MAHE). The Department of Biotechnology, MIT, Manipal was founded in the year 2005. The vision is to excel in teaching-learning process and research. The mission is to impart and disseminate knowledge, develop competencies and to produce industry-ready and academically enriched engineers for the emerging areas of applied biotechnology. The Institution of Engineers, Biotechnology (IEBt) is a premier society of Indian engineers from Manipal Institute of Technology, Manipal, which organizes technical and non-technical activities relating to different aspects of biotechnology.

Participants can register for Conference or Both Conference and Workshops

Click to Register:

https://forms.gle/L9Xw1pZpoAJPin6V6

(International participants can contact us for registration)

Click for Abstract Submission:

https://forms.gle/h5m6Vejbi4Vinhs5A

Last date for Abstract Submission: 10th Mar, 2025 Acceptance Notification: 12th Mar, 2025 Last date for Registration: 15th Mar, 2025 Website: https://conference.manipal.edu/Symbiot/

CHIEF PATRONS

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Dr. Ranjan Pai, President, MAHE

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Dr. M. D. Venkatesh, Vice-Chancellor, MAHE

Dr. Narayana Sabhahit, Pro Vice-Chancellor, MAHE

Dr. P. Giridhar Kini, Registrar, MAHE

PATRONS

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Dr. Somashekara Bhat, Joint Director, MIT Manipal

ORGANISING COMMITTEE

Organizing Dr. S. Balaji, HOD,

Secretary: Department of Biotechnology,

MIT Manipal

Dr. S. Md. A. Fayaz, MIT Manipal **Conveners:**

Dr. Subbalaxmi S, MIT Manipal

Co-Conveners: Dr. Bharath Raja Guru, MIT Manipal

Dr. Ritu Raval, MIT Manipal Dr. Divyashree M S, MIT Manipal Mrs. Archana M Rao, MIT Manipal

IE-Bt & Manipal BioMachines COMMITTEE

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I A Ganit Cariappa, MIT Manipal Kaushika Venkatraman, MIT Manipal

DATES CONFERENCE: 19th-20th MARCH '25 **WORKSHOPS:** 21st-22nd MARCH '25

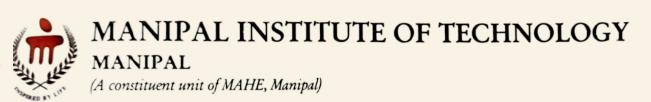


AWARDS





















CATEGORY		PARTICIPATION/ PRESENTATION			RESEARCH SCHOLARS	FACULTY	INDUSTRY
REGISTRATION FEES (Prices mentioned include GST)	NATIONAL	ONLINE	CONFERENCE	₹1200	₹2000	₹3500	₹3500
			CONFERENCE + WORKSHOP	₹1600	₹2500	₹4500	₹4500
		OFFLINE	CONFERENCE	₹1200	₹2000	₹3500	₹3500
			CONFERENCE + WORKSHOP	₹1600	₹2500	₹4500	₹4500
	INTERNATIONAL	ONLINE	CONFERENCE	\$25	\$50	\$150	\$250
			CONFERENCE + WORKSHOP	\$30	\$60	\$200	\$300
		OFFLINE	CONFERENCE	\$50	\$100	\$200	\$300
			CONFERENCE + WORKSHOP	\$60	\$110	\$250	\$400

[#]Accommodation will be provided based on availability and on payment basis

Dr. Santhoshkumar Puttur

Ophthalmology Associate Research Professor, School of Medicine, University of Missouri, Columbia, USA



CONFIRMED SPEAKERS



Dr. Vinayak Pachapur

Production Operations Lead, Dispersa, Nova Scotia-Canada



Manufacturing Business Process Manager AbCellera Vancouver, British Columbia, Canada



Dr. Sabari Sankar Thirupathy

Assistant Professor Grade I, School of Biology, **Indian Institute of Science Education and** Research, Thiruvananthapuram, Kerala, India



Senior Academic Manager, **Biocon Academy** Bengaluru, India



Dr. I. Regupathi

Department of Chemical Engineering, **National Institute of Technology** Karnataka Surathkal, India



Associate Vice President CADD & Informatics at Aurigene Pharmaceutical Services Limited Bengaluru, India



Department of Biotechnology, IE-Bt (Manipal Chapter), Manipal Institute of Technology, MAHE Manipal & Maniapl BioMachines

^{*}Registration fees includes GST, working lunch, access to all sessions, content or workshops

^{*}Registration fees for MAHE excludes GST





















Conference Tracks (Not Limited to)

Medicine

Biomaterials

Tissue Engineering

Infectious Diseases

Photoceutics Phytochemicals Stem cells & Biomarkers

Traditional Medicine

Translational Medicine

Bioethics

Pharmaceuticals

Biological Sciences

Bioprocess

Biopolymers

Bioenergy & Biofuels

Bioremediation Bio/Nano Sensors

Molecular Biology Nanobiotechnology

Microfluidics

Green Chemistry

Food & Agriculture

Omies Technologies

Genomics

Systems Biology

Transcriptomics

Proteomics

Metabolomics Bioinformatics

Drug design & Delivery

Artificial Intelligence

Machine Learning

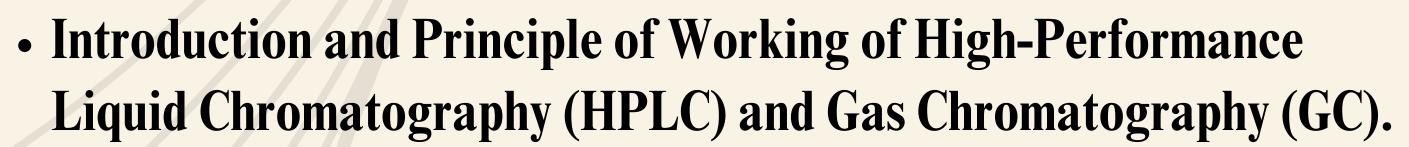
Computational Biology

SKILL DEVELOPMENT WORKSHOPS

TRACK 1: COMPUTATIONAL TOOLS FOR SYNTHETIC BIOLOGY

TRACK 2: WORKSHOP ON HPLC AND GC

- Genetic circuits
- Synthetic microbes
- Promoter Engineering
- Transcriptional regulation
- Hands-on: Promoter Engineering, CRISPR design, siRNA design



- Demonstration of HPLC and GC with samples.
- Working principles of HPLC and GC.
- Loading the samples.
- Analysis of chromatographic output to determine the concentration of unknown samples.

Workshops will be conducted as parallel tracks. Participants can register for any one of the tracks.

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MODE HYBRID ONLINE OFFLINE