



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

CATEGORY - 1 UNIVERSITY BY UGC

Accredited "A++" by NAAC - Approved by AICTE



NATIONAL CONFERENCE ON

"HARNESSING BIOTECHNOLOGY: DRIVING INNOVATION IN HEALTHCARE, AGRICULTURE AND THE ENVIRONMENT (NCBH-25)

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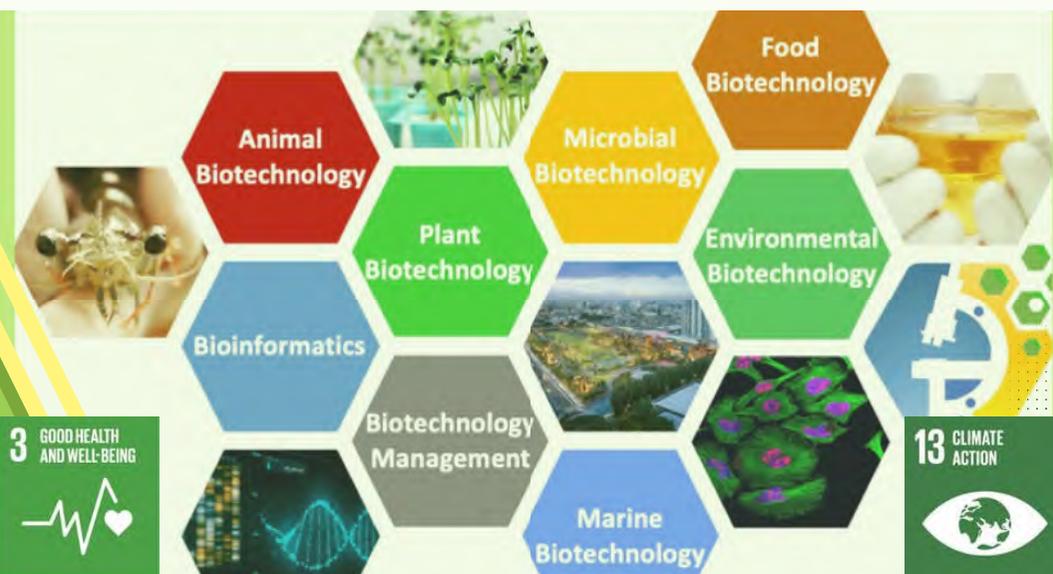
Anusandhan National Research Foundation (ANRF)

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DATE: 8th - 9th AUGUST 2025



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CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY - CHENNAI

AUGUST 2025

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Sathyabama Institute of Science and Technology

Innovations in Healthcare Biotechnology

- Gene Therapy & Genetic Engineering
- Organoid technology & 3D bioprinting
- AI-assisted diagnostics & robotic surgery
- CRISPR-Cas9 & precision gene editing
- RNA-based therapeutics
- Antimicrobial resistance

Environmental Biotechnology

- Bioremediation & Pollution Control
- Biofuels & Renewable Energy
- Carbon Sequestration & Climate Mitigation
- Sustainable Waste Management

Agricultural Biotechnology

- Vertical farming & hydroponics
- Microbial inoculants for soil health
- AI-driven pest prediction models
- Bio-based plastics & sustainable packaging

Nanomedicine & Drug Delivery Systems

- Targeted drug delivery using nanoparticles
- Biodegradable implants & drug-eluting devices
- Smart biosensors for early disease detection
- Biomanufacturing & Synthetic Biology
- Bioprinted organs
- Synthetic biology for vaccine development
- Biopharmaceuticals
- Smart bio-sensors
- Plant Biotechnology

Marine Biotechnology

- Marine-derived pharmaceuticals & cosmetics
- Deep-sea Biology
- Eco-Friendly Agriculture & Soil Health

Future of Biotechnology

- Protein engineering for sustainable food alternatives
- Space-grown bioproducts for deep-space mission

INFORMATION ABOUT ABSTRACT SUBMISSION

- Abstract submission last date : **25 /07/2025**
- Full paper submission last date : **10 /08 /2025**
- Participation Registration last date : **30 /07/2025**
- The abstracts and Full paper and in the Conference Proceedings with ISBN (978-93-48577-13-9)

AWARDS AND RECOGNITION:

- Best Paper and Best Poster awards will be presented to outstanding contributions. Prizes and certificates will be awarded to the winners. Certificates of participation will be provided to all registered participants.

REGISTRATION FEES

- Faculty/Scientist : Rs. 1000/-
- Students/Research Scholar : Rs. 700/-
- Industry People : Rs. 1500/-
- Student from Sathyabama : Rs. 500/-

(Registration fees include Conference kit, Participation certificate, Lunch & Refreshments)

ACCOUNT DETAILS

- ACCOUNT NAME: DEAN (PUBLICATIONS & CONFERENCES), SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY,
- ACCOUNT NUMBER : 891734627
- NAME OF THE BANK: INDIAN BANK
- IFSC CODE: IDIB000T020
- BRANCH: THOUSAND LIGHTS BRANCH, CHENNAI 06

REGISTRATION LINK: [HTTPS://FORMS.GLE/NASRVXQJH45WJSM9](https://forms.gle/NASRVXQJH45WJSM9)

Accommodation Participants are requested to make their own accommodations

ORGANIZING COMMITTEE

CONVENER

Dr.T.Rajasekar

Assistant Professor (Research)

Centre for Drug Discovery and Development (CDDD)

CO-CONVENER

Dr.M.V.Rajeshwari

Assistant Professor (Research)

Centre for Aquaculture

Scan for
Registration



SCIENTIFIC TEAM

Dr. M. Radhakrishnan

Professor (Research)

Dr. P. Krupakar

Associate Professor (Research)

Dr. V. Gopikrishnan

Assistant Professor (Research)

Dr. Sam Ebenezer

Assistant Professor (Research)

ORGANIZING MEMBER

Ms. Vaishnavi T -Scientific Assistant

Mrs.Anandhi A- Institutional Research Fellows

Ms D. Jasmine priya - Assistant Professor

Ms. Blessy Cleatus- Institutional Research fellows

Ms. Sowmiya G- Institutional Research fellows & Research Scholar (CDDD)

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Conference Accommodation: +91 6379 417 465 (Girls) and +91 87784 22148 (Boys)

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