



### Important Dates

Abstract Submission : 15 February 2025  
Intimation of Acceptance : 15 February 2025  
Early Bird Registration : 26 February 2025  
Last Date for Registration : 28 February 2025

### Patrons

Dr. Mariazeena Johnson, Chancellor  
Dr. Marie Johnson, President  
Mr. J. Arul Selvan, Vice- President  
Ms. Maria Bernadette Johnson, Vice- President  
Ms. Maria Catherine Jayapriya, Vice-President  
Dr. T. Sasipraba, Vice Chancellor

### Organizing Chair

Dr. A. Dayanandan, Professor (Research),  
Centre for Molecular and Nanomedical Sciences

### Conveners

Dr. S. Johnson, Associate Professor (Research),  
Centre for Molecular and Nanomedical Sciences  
Dr. A. Madan Kumar, Associate Professor (Research),  
Centre for Molecular and Nanomedical Sciences  
Dr. S. Jackson, Associate Professor (Research),  
Centre for Molecular and Nanomedical Sciences  
Dr. Beryl Veda, Assistant Professor (Research),  
Centre for Molecular and Nanomedical Sciences  
Dr. Joyita H, Assistant Professor (Research),  
Centre for Molecular and Nanomedical Sciences  
Dr. Kunal Biswas, Assistant Professor (Research),  
Centre for Nanoscience and Nanotechnology  
Dr. Nanda Gopal, Assistant Professor (Research),  
Centre for Molecular and Nanomedical Sciences



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Category - I University by UGC

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

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)



## International Conference on Recent Advances in Biotechnology and Bioenergy (I-CRABB 2025) - Hybrid Mode

19 to 21, March 2025

### About SATHYABAMA

Sathyabama is a prestigious institution which excels in the fields of Engineering, Science and Technology for more than three successful decades. It offers multi-disciplinary academic programs in various fields of Engineering, Science, Technology, Law, Dental Science, Pharmacy, Nursing, Management, Arts and Allied Health Sciences. It is established under Sec.3 of UGC Act, 1956 and has been Accredited with 'A++' Grade by the National Accreditation and Assessment Council. The Institution persistently seeks and adopts innovative methods to improve the quality of higher education and is responsive to the changes taking place in the field of education on a global scale. The Institution has a team of dynamic and outstanding faculty, innovative pedagogical practices, state of the art infrastructure and world class Research Facilities. Sathyabama has a good presence in rankings and ratings at National and International level. The Institution has been ranked in 51<sup>st</sup> position by the National Institutional Ranking Framework (NIRF), Government of India among the Universities in India for the year 2023 and ranked one among the top 100 Universities for eight consecutive years. Sathyabama is ranked among the Top 5 Institutions in the Country for Innovation by ATAL ranking of Institution for Innovation Achievements, Govt. of India. Times Higher Education and QS has ranked Sathyabama among the top Institutions worldwide. Sathyabama Institute of Science & Technology has alliances with leading Universities and research establishments at National and International Level. It is a research-intensive University with world class laboratories and research facilities and is involved in research in the emerging areas of Science and Technology. Sathyabama has undertaken various sponsored and collaborative R&D projects funded by National and International Organizations. Sathyabama has emerged as a leading Institution and achieved excellence in higher education to international standards owing to its research and academic excellence.

### About the Conference

Innovations in Biotechnology are the mandatory area in biology that involves the use of experimental organisms and bioprocesses in engineering, technology, medicine and other fields requiring bio products and technologies. The concept covers a wide range of techniques to develop the products and technologies from living organisms according to human purposes by experimental studies. International Conference on Recent Advances in Biotechnology and Bioenergy (I-CRABB 2025) is a premier forum to disseminate sustainable principles, ideologies and practices in various layers, new advances and research results in the fields of Biotechnology and Bio-products from the micro to macro level. The forum would enable the stakeholders with the necessary insights to integrate sustainable principles in creating functional products and technologies for mankind. The international conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world.

## Co Conveners

Dr. V. Ramesh Kumar, Associate Professor & Head  
Department of Biotechnology  
Ms. Jesia Persis Preethi, Assistant Professor,  
Department of Biotechnology  
Mr. Saravana kumar V, Scientific Assistant,  
Centre for Molecular and Nanomedical Sciences

## Organizing Committee

Dr. Kamarajan R, RA,  
Centre for Molecular and Nanomedical Sciences  
Mr. Ravichandran S, SRF,  
Centre for Molecular and Nanomedical Sciences  
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Centre for Molecular and Nanomedical Sciences  
Ms. Mohana Priya, JRF,  
Centre for Molecular and Nanomedical Sciences  
Mr. Nandha Kumar S, JRF,  
Centre for Molecular and Nanomedical Sciences  
Ms. Shana Balachandran, JRF,  
Centre for Molecular and Nanomedical Sciences  
Mr. Jenif Leo, Project Associate,  
Centre for Molecular and Nanomedical Sciences  
Ms. Amala Catherine Vimla PhD Scholar  
Ms. D. Rajalakshmi, M.Tech Biotechnology  
Department of Biotechnology  
Mr N. Praneeth Kumar Reddy, B.Tech Biotechnology  
Department of Biotechnology

## Conference Themes

**Animal and Plant  
Biotechnology**

**Nanobiotechnology**

**Bioinformatics and  
Data Science**

**Medical  
Biotechnology**

**Marine  
Biotechnology**

**Food and Industrial  
Biotechnology**

**Bio energy**

**Artificial  
Intelligence  
for Biotechnology**



How to Reach

Sathyabama Institute of Science and Technology,  
Chennai 600119



## TENTATIVE SPEAKERS

Dr. Chellappan Padmanabhan, Scientist, United States Department of Agriculture (USDA), Laurel, MD, USA.

Dr. Antony V. Samrot, Director (Research Management Center), Manipal University College Malaysia.

Dr. Soumya R.S, Scientist, Pushpagiri Institute of medical Science and Research, Kerala.

Dr. Sirilux Poompradub, Professor, Chulalongkorn University, Bangkok, Thailand.

Dr.N. Nishad Fathima, Chief Scientist, Head, CSIR-Central leather Research Institute, Chennai, India.

Dr. V. Stalin Raj, Associate Professor, Department of Biology, Indian Institute of Science Education and Research, Trivandrum, India.

Dr. Tamilselvan Jayavelu, Assistant professor, Department of Biotechnology, Anna University, Chennai, India.

Dr. GE Ruowen, Professor, Department of Biological Sciences, National University of Singapore, Singapore.

Dr. Myong Yong Choi, Professor of Chemistry, Gyeongsang National University, Gyeongsangnam-do, South Korea.

Dr. K S Rajmohan, Associate Professor at NIT Warangal.

Dr. Justin S, Professor, Department of Biotechnology, St. Joeseeph's College of Engineering, Chennai, India.

Dr. Narendra Kumar, Assistant Professor of Biochemistry, University of Delhi, Delhi, India.

Dr. T Selvaraj, Assistant Professor, Centre for Marine Science and Technology, Manonmaniam Sundaranar University, Rajakkamangalam, Tirunelveli, India.

Dr. Dinesh Prasad, Scientist, Novozymes, Bangalore, India.

Dr. Muthuvel Jayachandran, Ph.D, Associate Professor at Mayo Clinic Rochester, Rochester, Minnesota, USA .

Dr. Sharon Priya Alexander, Ph.D, Technical Program Manager, Bangalore Bioinnovation Center, Bangalore.

## Internal Advisory Committee

Dr. P. Prakash, Associate Professor, Dept. of Biotechnology

Dr. P. Kuppusami, Senior Scientist, Centre for Nanoscience and Nanotechnology

Dr. D. Alex, Professor and Head, Biomedical engineering

Dr. Jayshree Nellore, Professor, Dept. of Biotechnology

## National Advisory Committee

Dr. B. Madan, Senior Principal Scientist, Honorary Faculty Anna University , AcSIR, Biochemistry & Biotechnology, CSIR-Central leather Research Institute, Adyar, Chennai, India.

Dr. Anju Chada, Professor, Biotechnology, IIT, Madras

Dr. T. Kalaiselvi, Professor and Head, Biochemistry, University of Madras

Dr. C.D. Anurada, Professor and Head Centre for Biotechnology, Anna University, Chennai

Dr. N. Mathivanan, Director, Center for advances in Botany, University of Madras

Dr. H. Shakila, Professor, Molecular microbiology. M K University, Madurai

Dr. S.G. Prakash Vincent, Professor, Nano-biotechnology MS University, Tirunelveli

Dr. S. Karutha Pandian, Professor, Biotechnology, Algappa University, Karaikudi

Dr. Joseph Selvin, Professor, Microbiology, Central University, Pondicherry

Dr. Prasanna Vasu, Scientist E-II, Biotechnology, CFTRI Mysore

## International Advisory Committee

Dr. Eleanor M Brown (Ellie), Research Chemist, USDA USA

Dr. Martin.V.M, Scientist Centro de Investigacion and Alimentacion, Sonora, México

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Dr. Barbara Plytycz, Professor, Jagiellonian University, Poland

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Dr. Ding President, University for nationalities, China

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Dr. ZHU Hailong, Professor, Baptist University Hongkong

Dr. Jang-seu Ki, Professor, Sangmyung University, South Korea

Dr. P. Prasuram, Professor, AIMST University, Malaysia



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Conference Website:  
<https://sites.google.com/view/icrabb2025/home>



### Call for Papers

Authors are requested to submit a one-page abstract of their original and unpublished research work on or before 15th February 2025. For submitting your abstract to the conference please use the google form link below. Acceptance of peer reviewed abstracts will be intimated through email for the submission of full manuscript. Depending on the originality, quality, relevance and other editorial considerations, peer-reviewed research papers of the conference will be published in the indexed journals.

Abstract submission form link

<https://forms.gle/cfBymdHkiCeC1H7o7%20%20>



### Technical Committee

Dr. S. S. Dawn, Professor (Research), Centre for Waste Management  
Dr. J. Brijitta, Professor (Research), Centre for Nanoscience and Nanotechnology  
Dr. D.Dinesh Kumar, Assoc. Prof (Research), Centre for Nanoscience and Nanotechnology  
Dr. T.S.Shyju, Assoc. Prof (Research), Centre for Nanoscience and Nanotechnology  
Dr. Subhenjit Hazra, Assoc. Prof (Research), Centre for Nanoscience and Nanotechnology  
Dr. G. Murugadoss, Assoc. Prof (Research), Centre for Nanoscience and Nanotechnology  
Dr. K. Chennakesavalu, Professor, Dept of Chemistry  
Dr. K. Gobi Saravanan, Assoc. Prof (Research), Centre for Nanoscience and Nanotechnology  
Dr. D. Ramachandran, Assistant Prof (Research), Centre for Nanoscience and Nanotechnology  
Dr. N. Nirmala, Assistant Prof (Research), Centre for Waste Management

Registration Fee	Before 15 Feb 2025	After 15 Feb 2025
Students & Research scholars	INR 2000	INR 2500
Academicians & Faculty	INR 3000	INR 3500
Industrial persons	INR 4000	INR 4500
Foreign Delegates	USD 75	USD 100
Participation	INR 1000	INR 1500

- Call us for fees concession (For UG & PG students)
- Accommodation is free of cost if approached early
- Publication charges extra (Depends on journal)

### Mode of Payment

G-pay/ Phone pay: 9952045791

Registration form link

<https://forms.gle/1jToXiaUNRDjsyc47%20>

