

MIT ART, DESIGN AND TECHNOLOGY UNIVERSITY, PUNE

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MIT ADTU School of Bioengineering Sciences & Research

**9th INTERNATIONAL CONFERENCE
ON
RECENT TRENDS IN BIOENGINEERING
(ICRTB 2026)**

January 23rd – 24th, 2026



**MIT ADTU School of
Bioengineering Sciences
& Research**
Breathe Life into Engineering Career!
A Constituent Unit Of MIT ADT University



**MIT-ADT
UNIVERSITY**
PUNE, INDIA

A Leap Towards World Class Education
(Accredited by NAAC with "A" Grade)

Raj Baug, Next to Hadapsar, Loni Kalbhor, Pune – 412 201, India
+91 7767923342, +91 8378968405
www.mitbio.edu.in/icrtb | email - icrtb@mituniversity.edu.in

About MIT ADTU School of Bioengineering Sciences & Research

Bioengineering is a multidisciplinary field that has gained immense importance in the global scenario. MIT ADTU School of Bioengineering Sciences & Research is a constituent unit of MIT-ADT University, Pune that aims to prepare youth for next generation careers in bioengineering by imparting interdisciplinary education and hands-on training through project-based learning in engineering and technology. The school envisions to empower young generation of India with research aptitude and technology skills to emerge as leaders in Bioengineering research, development and manufacturing sectors. It offers B. Tech. (Bioengineering), Int. M. Tech. (Bioengineering), M. Tech. (Environment Bioengineering) MSc. (Industrial Biotechnology), MSc. (Bioinformatics), MSc. (Clinical Research) and Ph.D. programs in Biotechnology, Biomedical Engineering, Bioinformatics and Biomaterials. The super-specialized courses include Pharmaceutical Engineering, Synthetic Biology, Big Data Analytics, Biosensors and IoT, Biomedical Imaging, Biomechanics, Nano-Biotechnology, Robotics, Machine Learning and Artificial Intelligence, Environmental bioengineering, etc. The school is equipped with state-of-the-art laboratories for carrying out high-end research and provides pre incubation facilities for innovative product development.

About the Conference

International Conference on Recent Trends in Bioengineering (ICRTB) is an annual flagship event, organized by MIT ADTU School of Bioengineering Sciences & Research, Pune. The main objective is to bring together engineers, researchers, practicing clinicians, academicians, industry luminaries and government agencies to discuss the latest research in bioengineering and allied fields. The organising committee of ICRTB 2026 is pleased to invite prospective authors to submit their original abstracts to icrtb@mituniversity.edu.in for oral and poster presentations. Selected abstracts will be considered for oral presentation and will be published in the abstract book. Prizes will be awarded for the best oral and poster presentations. Selected manuscripts will undergo peer review and will be published in the relevant John Wiley journals.

Who Can Participate?

The conference invites participation from graduate/postgraduate students, research scholars and faculties from various universities, colleges, industry personnel, consultants in environmental & sustainability sectors as well as medical practitioners.

What are the Themes?

ICRTB 2026 has three sub themes for this year focusing on biomedical applications, drug design, and bioenergy as these growing sectors contribute to improving quality of life and promoting a sustainable future by preserving the environment.

The conference will highlight three transformative themes shaping the future of bioengineering:

Biomedical Applications that explore the integration of engineering and life sciences to develop innovative medical devices, diagnostics, and therapeutic solutions that improve patient care.

Drug Design including the sub themes of computational biology, molecular modeling, and experimental research to accelerate the discovery of safe and effective therapeutics.

Bioenergy highlights sustainable technologies and biological systems that harness renewable resources, contributing to global efforts toward cleaner energy and environmental preservation.

Together, these themes represent the convergence of science, technology, and innovation for a healthier and more sustainable world.

Conference Theme Sub-Areas

Biomedical Imaging Signal Processing	Multi-Target Drug Design and Network pharmacology	Emerging technologies in Bioenergy
Artificial Intelligence, AI Agents & Digital Twin in Healthcare	Bioinspired Scaffolds for Next-Generation Therapeutics	Carbon capture utilisation and storage with Bioenergy
Biomedical Engineering, Devices & Robotics	Translational Advances in Drug Delivery Systems	Microbial and algal platforms for Bioenergy production
Biomechanics, Biomaterials & Regenerative Medicine	Omics-Driven Precision Medicine	Waste to energy and circular bioeconomy models
Healthcare Informatics	Computational Biology	Next generation biofuels
Biomedical Devices	Biologics and Biosimilars	

Publication

ICRTB 2026 is now accepting abstract submissions for oral and poster presentations. The abstract and paper templates are given in the website’s download section. Selected abstracts will be considered for oral or poster presentations and published in the abstract book.

Registration and Payment

Category	Registration Fee	
	INR(₹)	USD(\$)
Student	2500	30
Faculty	3500	40
Industry	5000	70

Registration Link: www.mitbio.edu.in/icrtb

Online Payment Link:
[http:// www.mitbio.edu.in/pay-online](http://www.mitbio.edu.in/pay-online)

NEFT: Account Name: MIT ADT University - MIT Bioengineering

Bank: Bank of India, Account Number: 062521110000029

IFSC Code: BKID0000625

Branch: Bank of India, MAEER’s Rajbaug Loni Kalbhor, Pune



Eminent Speakers



Dr. Siddhartha Jhunjunwala
IISc Bangalore



Dr. Richard Morgan
Dean Biosciences University of West
London, UK



Prof. Simon Wang
Dept. of Pharmaceutical Sciences,
Howard University, Washington DC, USA



Dr. Umesh Shaligram
Executive Director, Serum Institute of India
Pvt. Ltd, Pune, India



Dr. Stuart Wagland
Cranfield University
UK



Dr. Rohini Kitture
Deputy Editor, Wiley



Dr. Justin Dauwels
Professor, TU Delft University of Technology,
Netherlands



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Assistant Professor, Nanyang
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Dr. Andreas Bender
Professor, Khalifa University,
Abu Dhabi



Prof. Dr. Kavita Reginald
Faculty of Medical and Life Sciences Sunway
University, MALAYSIA



Dr. Senthil Naggapan Annamalai
SSS National Institute of Bio-energy,
Ministry of New and Renewable energy



Dr. Monali Rahalkar
Agarkar Research Institute



Dr. Sreekumar Kurungot
Chief Scientist at CSIR- National
Chemical Laboratory, Pune



Dr. Sudip Paul
Biomedical Engineering
NIT Raipur



Dr. Michael Sauer
Head of Department Biotechnology
(OMV AG), Vienna, Austria



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Founder, MAEER's MIT Group of Institutions, Pune.
Founder President & Chancellor, MIT-ADT
University, Pune.

Prof. Dr. Mangesh T. Karad

Executive President & Pro-Chancellor, MIT-ADT
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Dr. Renu Vyas

Principal, MIT ADTU School of Bioengineering
Sciences & Research
Dean, Faculty of Technology, MIT-ADT
University, Pune.

Prof. Vinayak Ghaisas

Founder & Executive Director, MIT ADTU
School of Bioengineering Sciences & Research,
Trustee, MAEERS's MIT Group of Institutions,
Pune.

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Prof. Prasad Kirtane

Prof. Ankita Jain

Dr. Gaurab Bhattacharjee

Important Dates

Abstract submission

December 15th, 2025

Abstract Acceptance

December 20th, 2025

Conference dates

January 23rd, 24th, 2026

Sponsorship

This annual conference is a flagship program that brings together industry, academia, and research to share R&D insights and business ideas. The conference committee will make special arrangements for sponsors to showcase their product line-up and innovations during the sessions. Selected manuscripts will undergo peer review and be published in relevant John Wiley journals.

For more sponsorship-related information contact: +91 7447444028, +91 7767923342

About MIT Art, Design and Technology University

MIT Art Design and Technology University (MITADT University) was established under the flagship of the prestigious MIT Group of Institutions. It is a multidisciplinary University and has been bestowed with the 'The Best University Campus' by ASSOCHAM and achieved an excellent rank from the Atal Ranking of Institutions on Innovation Achievements (ARIIA), QS Gold ranking in Art and Design. The university spans across a vast green stretch of 145 acres at Vishwaraj Baugh Loni Kalbhor, Pune. The university offers diverse undergraduate, postgraduate and Doctorate courses in Fine Art Design, Management, Marine Engineering, Bioengineering, Food Technology, Film and television, Broadcasting & and journalism which have been crafted in sync with the present industry standards. The University has currently enrolled around 15,000 students in various programs and empowers them with holistic education.



Contact Details

Registration and enquiry: +91 7767923342

Abstract submission: +91 8378968405

Conference Registration Link
www.mitbio.edu.in/icrtb



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