

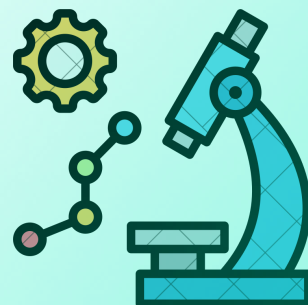
National Conference on TRANSLATIONAL BIOTECHNOLOGY

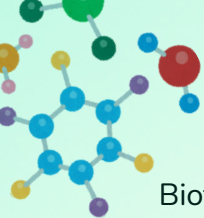
Innovation for societal impact

February 20 -21, 2026

Organised By

**Department of Biotechnology
Rama Devi Women's University
Bhubaneswar**



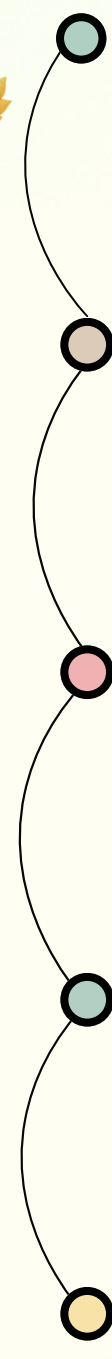
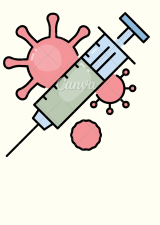
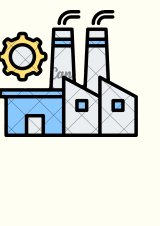


ABOUT THE CONFERENCE

Biotechnology is transforming agriculture, healthcare, industry, and sustainability, yet the challenge remains to translate lab innovations into scalable, impactful solutions. Translational Biotechnology bridges discovery and application through genomics, genome editing, synthetic biology, bioinformatics, and bioprocessing. With its strong research base, biodiversity, and startup ecosystem, India is poised to lead this wave, provided academia, industry, policymakers, and innovators collaborate effectively. This conference aims to catalyze such integration, fostering cross-disciplinary dialogue to ensure biotechnology delivers tangible societal benefits in line with national priorities and the UN Sustainable Development Goals (SDGs).

CONFERENCE THEMES

The conference focuses on global research challenges and solutions in the field of Bio science and Biotechnology. Topics of interest for submission include, but are not limited to:

- 
- **THEME 1: Translational Agriculture for Food Security**
Translational genomics, Genome editing (SDN1/SDN2), biofortification for nutritional enhancement, High-throughput phenotyping, digital agriculture, and AI in breeding, Microbiome engineering and bio-based inputs for sustainable farming
 - **THEME 2: Translational Biotechnology in Healthcare & Societal Wellbeing**
Affordable diagnostics, regenerative medicine, vaccines, therapeutics and biomaterials for translational health applications, Synthetic biology for drug discovery and personalised medicine
 - **THEME 3: Industrial Biotechnology & Circular Bioeconomy**
Industrial biotechnology: enzymes, bio-based chemicals, and biopolymers, Bioprocessing innovations and scale-up strategies, Strengthening academia-industry partnerships for innovation pipelines
 - **THEME 4 : Translational Biotechnology for Environmental Sustainability**
Biotechnology for waste management and pollution mitigation, Bio-remediation and bioenergy solutions for a greener future and Climate-smart biotechnology for ecosystem resilience
 - **THEME 5: Cross-Cutting sessions**
Startups, Policy, and Innovation ecosystem, funding opportunities in biotechnology, IPR, biosafety, and technology transfer strategies, Roadmap for translational biotechnology in India

The Venue : **RAMA DEVI WOMEN'S UNIVERSITY**

First and only Women's University of Odisha | Estd. 1964 | UGC 12(B), NAAC B++



ABOUT THE UNIVERSITY

Rama Devi Women's University, Bhubaneswar, named after the renowned freedom fighter and social reformer Maa Rama Devi, was upgraded to university status in 2015. Spread across a serene 23.6-acre campus, the university offers undergraduate, postgraduate, and doctoral programmes in humanities, science, and commerce, and has 48 women's colleges under its jurisdiction. RDWU takes pride in its distinguished alumni, including the Hon'ble President of India, Smt. Droupadi Murmu, and with its vibrant student engagement, interdisciplinary research, and modern infrastructure, it provides an inspiring venue for academic exchange and collaboration.

ABOUT THE DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology at Rama Devi Women's University is committed to advancing education, research, and innovation in the life sciences. With a vision to empower women through cutting-edge scientific training, it offers postgraduate and doctoral programs that combine strong fundamentals with hands-on laboratory experience. The faculty members bring expertise in molecular biology, genetic engineering, plant biotechnology, microbiology, bioinformatics, and applied biotechnology, fostering a vibrant academic and research culture. Equipped with state-of-the-art laboratories, the department emphasizes interdisciplinary collaboration, skill development, and career readiness for academia, industry, and research. Supported by DBT and DST grants, it upholds the university's motto "**Learn While Doing**" by promoting experiential learning, problem-solving, and innovation to address real-world challenges in health, agriculture, and the environment.



IMPORTANT DATES



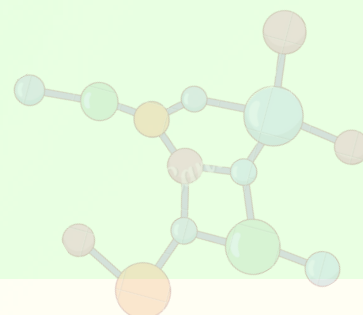
Registration & abstract Submission start: **1st November 2025**

Last date of Abstract Submission: **25th January 2026**

Acceptance Notification: **5th February 2025**

Last date of registration: **10th February 2026**

Date of conference: **20th-21st February 2026**



ABSTRACT SUBMISSION GUIDELINES

- Abstracts are invited for oral and poster presentations.
- Submissions should be prepared in MS Word format with the following specifications: **Times New Roman font, size 12, 1.5 line spacing.**
- Each abstract must include the title, author(s), affiliation(s), and 4–6 keywords. The abstract **should not exceed 250 words** and must align with the theme of the conference.
- Soft copies of abstracts should be submitted using registration form.



POSTER PRESENTATION GUIDELINES

- Poster dimensions: 3 ft × 4 ft
- Posters must include: concise title, author(s) with affiliation(s), introduction, methodology, results, discussion, acknowledgment, and references.
- Presenters are requested to remain with their posters during the designated session to interact with delegates and answer questions.



Three Best Oral and three Best Poster presentations will be selected by an expert panel based on originality, scientific rigor, clarity, and relevance to the theme. Winners will receive certificates and mementos during the Valedictory Session.

The Scientific Committee will review all abstracts and decide whether a submission will be presented as an oral or poster presentation. The decision will be final and will be communicated to the respective presenters well in advance.

DISTINGUISHED GUESTS & SPEAKERS



Dr. Ajit K Sashany
CSIR-NBRI, Lucknow



Dr. Alok Krishna Sinha
NIPGR, New Delhi



Dr. Meenakshi Munshi
Fr Advisor, DBT, Govt of India



Prof. Utpal Bora
IIT Guwahati



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MiBiome Therapeutics,
Mumbai



Dr. Bhaskar Bhadra
Reliance Lifesciences,
Mumbai



Dr. Amol Ratnakar Suryawanshi
BRIC-ILS, Bhubaneswar

REGISTRATION DETAILS

REGISTRATION FEES	
Students	Rs 500
Research Scholars	Rs 1000
Faculty / Academicians / Scientists	Rs 2000
Industry delegates	Rs 2500
All fees include GST and cover participation, conference kit, and refreshments.	
Bank Account Details - Account Name: HOD Biotechnology Department, RDWU - Account Number: 7414767876 - Bank Name: Indian Bank - IFSC Code: IDIB000S159	

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Half-page advertisement in the conference proceedings	Full-page advertisement in the conference proceedings and one exhibition stall	Full-page advertisement in the conference proceedings, one exhibition stall, and official logo in the conference banner



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NCTB
2026