



# International Conference on Advances in Life Sciences (ICALS-2026)

January 08 -10, 2026

## Conference themes

- Renewable Energy
- Structure and Enzymology
- Biomedical Sciences
- Plant Sciences
- Cancer Biology

Organized by  
School of Life Sciences and Biotechnology  
Chhatrapati Shahu Ji Maharaj University, Kanpur





### About the University

The Chhatrapati Shahu Ji Maharaj University, Kanpur (Formerly Kanpur University, Kanpur) was established in the year 1966. Prior to the establishment of the University, affiliation of colleges in its vicinity were to the Agra University. In the year 1966, the state government established Kanpur University under the Kanpur and Meerut Universities Act 1965 with the moto "Aroh Tamso Jyoti" (Rise from darkness to light). In the preamble it is stated that Kanpur University will initially have an affiliating character but will gradually assume the shape of residential University. The University proudly celebrate its foundation day on February 9 every year.

### About the Department

Under the academic and research development program, the Department of Life Sciences and Biotechnology was first established in the main residential campus of CSJM University, Kanpur in year 1983 to impart and promote multi- and interdisciplinary higher education in Life Sciences by utilizing the modern concepts of teaching and research at masters and doctoral level. The Department of Life Sciences and Biotechnology at the School of Life Sciences and Biotechnology is actively engaged in higher education, innovative teaching, cutting-edge research, and training in the Life Sciences, Biotechnology, Microbiology, Biochemistry, Food Technology, and other various interdisciplinary areas of Biological Sciences.

### About the Conference

The International Conference on Advances in Life Sciences, organized by CSJMU Kanpur, aims to bring together researchers, educators, and professionals to discuss the latest developments in life sciences. The event features keynote speeches, panel discussions, and workshops that cover diverse topics such as biotechnology, environmental science, and health innovations. Participants have the opportunity to network and share their research findings, fostering collaboration across disciplines. This conference not only highlights cutting-edge research but also emphasizes the importance of interdisciplinary approaches in addressing global challenges. Overall, it serves as a vibrant platform for knowledge exchange and scientific advancement.



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**Prof. Vinay Kumar Pathak**  
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Pro-Vice Chancellor

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Professor

Convener  
**Dr. Rakesh Kumar Sharma**  
Associate Professor

### Core Organizing Committee Members

Dr. Pramod K. Yadav  
Dr. R V Sreeharshadav



## Organizing Committee



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Dr. Akarsh Bajpai

### Type of Presentations:

Invited Lectures

Oral Presentations

Poster Presentations

International speakers and participants may connect online.

### Abstract Submission:

Structured abstract should be maximum 350 words with objectives, scope, results and discussion of the research. It should be typed in English on A4 paper with double space in MS Word doc with Times New Roman 12 font size, should contain name of author(s) along with e-mail address and affiliation.

Registration link will be e-mailed to all the accepted abstracts/participants

Use the link or scanner for abstract submission:

<https://forms.gle/ZNLb5gboyJ8dadWv8>



## Registration:

Participants	Upto 20th December 2025	Late Registration 06th Jan 2025
M Sc Student	500/-	750/-
Research Scholars	1500/-	2000/-
Faculty Members	2000/-	2500/-



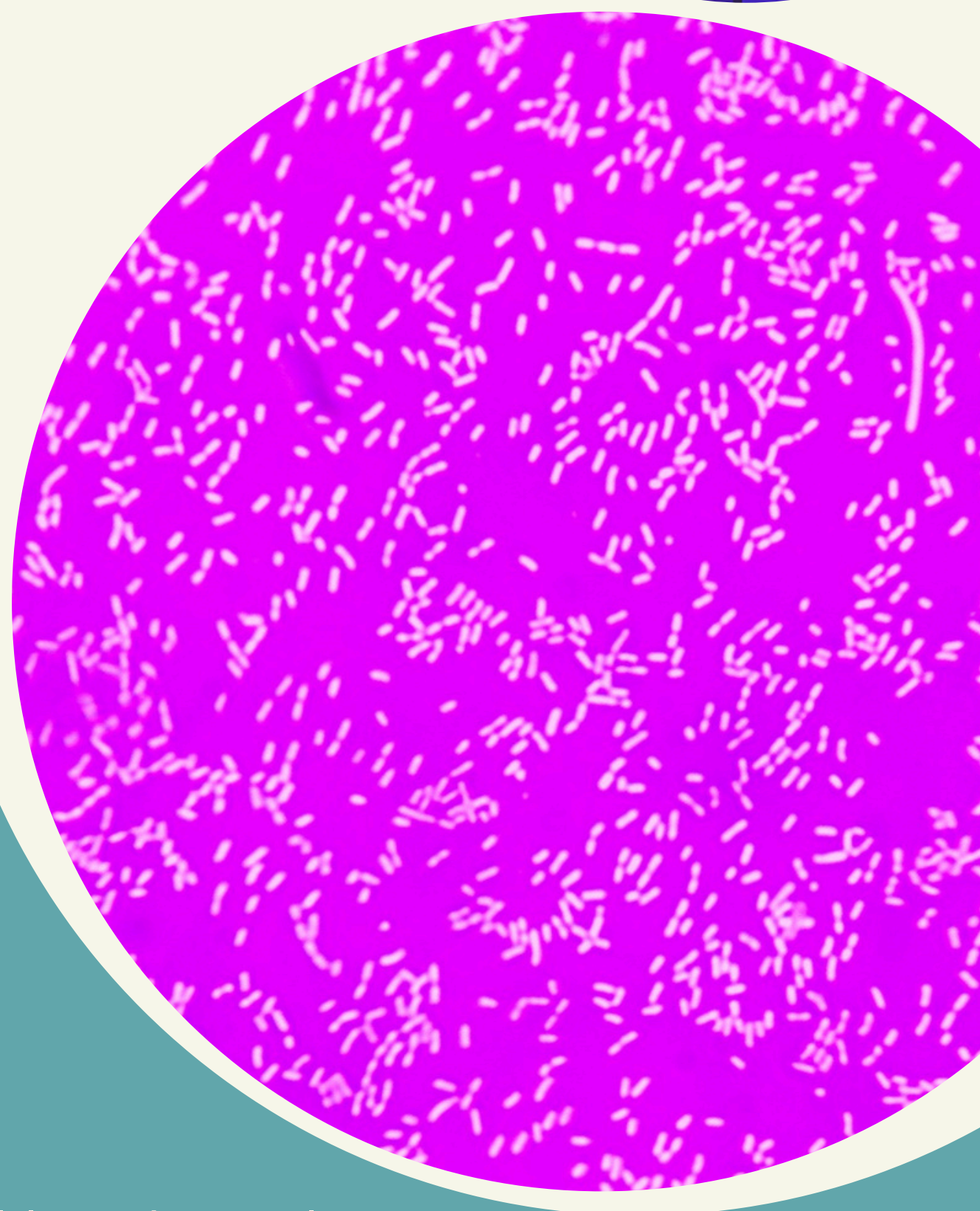


## Publishing Partners:

Research Journal of Biotechnology

BioResources

One more journal will appear soon



Selected abstracts will have an option to publish full length articles in a suitable Scopus Indexed Journal. These papers will be notified separately.



The Abstracts for oral/poster presentations and papers are invited on the following Key area of the conference:

**Renewable Energy:**

Theme: "Sustainable Innovations for a Greener Future"

Bioenergy and Biofuels: Bioethanol and biodiesel production, sustainable source of biofuel, Waste-to-energy conversion from biological materials

Biomass Energy Innovations: Lignocellulosic biomass conversion techniques, Microbial fuel cells for clean energy generation

Biological Carbon Sequestration: Efficiency for increased carbon capture, systems for biological carbon sequestration

**Structure and Enzymology:**

Theme: "To explore molecular mechanisms, innovative tools for enzyme characterization, and emerging applications that translate structural understanding into real-world solutions"

**Biomedical Sciences:**

Neurobiology and Brain Function: Neurodegenerative Disorders, Neurotoxicology, Artificial Intelligence and Computational Neuroscience

Regenerative Medicine: Advances in stem cell therapy and tissue engineering.

Clinical Trials and Drug Development: Strategies for accelerating the development of new therapeutics.

**Plant Sciences:**

Theme: "Cultivating Resilience: Sustainable Agriculture and Biodiversity"

Crop Improvement and Genetic Engineering: Innovations in biotechnology for enhanced yields and resilience.

Sustainable Farming Practices: Techniques for reducing environmental impact and promoting biodiversity.

Plant-Microbe Interactions: Understanding symbiotic relationships for improved plant health.

Conservation and Restoration Ecology: Strategies for preserving threatened plant species and habitats.

**Cancer Biology:**

Theme: "Decoding Cancer: From Molecular Mechanisms to Therapeutic Strategies"

Cancer Genomics: Understanding genetic mutations and their role in cancer progression.

Targeted Therapies and Immunotherapy: Innovations in personalized cancer treatments and immuno-oncology.

Early Detection and Biomarkers: Advances in screening methods and biomarker discovery.

Cancer Prevention Strategies: Public health approaches to reduce cancer incidence and improve awareness.



Chhatrapati Shahu Ji Maharaj University, Kanpur  
(Formerly Kanpur University, Kanpur)  
Kalyanpur, Kanpur-208024, India

For more information visit conference website:

<https://csjmu.ac.in/events/international-conference-on-advances-in-life-sciences/>

**Contact:**

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<https://csjmu.ac.in/>