LOVELY PROFESSIONAL UNIVERSITY

Transforming Education Transforming India

NAAC GRADE A++



International Conference on
Biological Innovations for Sustainable Development
IC-BIOSUSTAIN 2026

Organised by :
School of Bioengineering and Biosciences,
Lovely Professional University, Punjab

18th-19th
November 2026

Hybrid Mode



Lovely Professional University

Lovely Professional University (LPU) is a multi-faculty research-oriented institution with hi-tech campus offering more than 200 professional programmes. LPU campus is a complete world in itself having students from all states of India and more than 40+ countries of the world. LPU is a world class institution with internationally benchmarked curricula, innovative pedagogy focused on experiential learning, cutting edge research, 450+ foreign tie-ups, well qualified faculty with industry exposure, outstanding sports & cultural facilities, excellent residential facilities, In-campus shopping mall, hospital, banks, postal services etc. The University is ranked high on various parameters by Government Bodies and other credible organisations. LPU receives Highest Grade A++ with 3.68 score on 4 Point Scale by NAAC (National Assessment & Accreditation Council), an Autonomous Institution of the University Grants Commission (UGC), Ministry of Education, Govt. of India. The Times Higher Education World University Rankings 2025 has ranked LPU amongst Top 10 Universities in India Including all Government (even IITs & NITs), & Private Institutions, and many more...

School of Bioengineering and Biosciences

School of Bioengineering and Biosciences was established at LPU in the year 2006. The school has now created a competitive and research-friendly environment with its infrastructure and facilities. The school has eight domains namely, Biotechnology, Biochemistry, Microbiology, Molecular Biology & Genetic Engineering, Zoology, Botany, Bioinformatics, and Forensic Sciences. The school focuses primarily on the quality of education given to the students and has recruited highly competent faculty from diverse educational, industrial, and research backgrounds

About the Conference

In an era where scientific innovation must align closely with societal needs, IC-BIOSUSTAIN 2026: International Conference on Biological Innovations for Sustainable Development emphasizes the integration of biotechnology, environmental stewardship, and technological advancements to address pressing global challenges facing humanity. The conference recognizes that sustainable progress in healthcare, agriculture, environmental conservation, and industrial development requires interdisciplinary scientific approaches that combine biological sciences with emerging technologies and translational innovation. By bringing together researchers, academicians, industry experts, policymakers, and young scientists, the conference seeks to foster meaningful dialogue and collaborative efforts toward building sustainable and resilient systems for the future.

The conference is strategically aligned with the objectives of the United Nations Sustainable Development Goals (SDGs), particularly those related to good health and well-being, zero hunger, climate action, clean water and sanitation, affordable and clean energy, responsible consumption and production, and life on land. IC-BIOSUSTAIN 2026 highlights how advances in biological sciences and biotechnology can contribute significantly to achieving sustainable development through innovative solutions in crop improvement, environmental restoration, industrial bioprocessing, climate resilience, precision health, and digital biology. The conference further emphasizes the importance of integrating scientific research with societal and environmental priorities to ensure long-term sustainability and global well-being.



IC-BIOSUSTAIN 2026 aims to create a vibrant and intellectually stimulating platform for sharing novel research findings, fostering interdisciplinary collaborations, and inspiring innovative solutions that bridge science, technology, and sustainability. The conference will feature keynote lectures, invited talks, panel discussions, oral and poster presentations, and technical sessions covering diverse themes at the interface of biology and sustainable development. Participants will gain valuable insights into emerging trends, advanced technologies, and translational approaches that have the potential to transform healthcare, agriculture, industry, and environmental management.

By integrating cutting-edge biological research with sustainable innovation and policy relevance, IC-BIOSUSTAIN 2026 envisions contributing toward a future where science serves as a powerful catalyst for ecological balance, economic growth, public health advancement, and societal transformation.

Keywords

Biological Innovations, Sustainable Development, Biotechnology, Environmental Sustainability, Interdisciplinary Research, Bio-based Solutions, Green Technologies, Sustainable Biotechnology, AI, ML and Digital Biology.

Sub-Themes

- Sustainable Agriculture and Crop Improvement: Advancing resilient crop systems through genetic improvement and innovative agricultural practices.
- Plant, Microbial, and Soil Biotechnology for Sustainability: Harnessing biological systems to enhance soil health, productivity, and ecological balance.
- Environmental Biotechnology and Ecosystem Restoration: Exploring solutions for pollution control, biodiversity conservation, and ecosystem recovery.
- Industrial Biotechnology and Green Bioprocessing: Promoting sustainable industrial processes through bio-based technologies and circular economy approaches.
- Food, Nutrition, and Functional Biology: Addressing global nutritional challenges through functional foods and biofortification strategies.
- Molecular Biology, Omics, and Systems Biology: Leveraging high-throughput technologies to understand complex biological systems and improve precision interventions.
- Health, One Health, and Translational Biology: Integrating human, animal, and environmental health approaches to tackle emerging diseases and improve healthcare outcomes.

- Nanobiotechnology and Advanced Biological Materials: Developing novel biomaterials and nanoscale innovations for medical, agricultural, and environmental applications.
- Biotechnology for Climate Change Mitigation and Adaptation: Utilizing biological tools to reduce greenhouse gas emissions and enhance resilience to climate impacts.
- Emerging Technologies, AI, and Digital Biology: Exploring the convergence of artificial intelligence, big data, and biology for next-generation innovations.
- Forensic Biotechnology and Genomic Innovations: Exploring advanced DNA technologies, molecular forensics, and bioinformatics for human identification, criminal investigation, and biosecurity applications.

Call For Abstract & Full-Length Manuscripts (IC-BIOSUSTAIN 2026)

The scientific committee of “IC-BIOSUSTAIN 2026” is delighted to announce the Call for Abstracts for "IC-BIOSUSTAIN 2026: International Conference on Biological Innovations for Sustainable Development” scheduled to take place in 2026. This prestigious event will bring together researchers, academicians, industry professionals, policymakers, and students to explore cutting-edge advancements in biological sciences and their transformative role in building a sustainable future. IC-BIOSUSTAIN 2026 aims to create a vibrant platform for sharing novel research findings, fostering collaborations, and inspiring innovative solutions that bridge science and sustainability. Interested scholars, scientist, researchers, faculties, and students may send their research work for consideration in Oral/ Poster Presentation.

- Full-length manuscripts would be invited from accepted abstracts after due review.
- Send the abstract and full-length to icbiosustain@lpu.co.in
- Manuscripts should be submitted in the English language as Microsoft Word documents (.doc or .docx)
- Selected manuscripts will be published in Scopus Indexed Journals.

Registration Details

Conference Date : 18-19 Nov, 2026	Early bird Registration : 1 June to 25 Oct, 2026
Camera Ready : 10 November, 2026	Registration : 25 October to 1 November, 2026
Last Date of Abstract Submission : 1 November, 2026	

Registration Fees

Delegate	Early Bird	Registration/ On Spot Registration
UG	Rs. 1000	Rs. 1500
PG students	Rs. 1500	Rs. 2000
Ph.D./ Research Scholars	Rs. 2000	Rs. 2500
Faculty	Rs. 3000	Rs. 3500
Industry Person	Rs. 5000	Rs. 7000
International	$ 100	$ 120

• The program schedule will be shared later.

Accommodation

For International and National delegates accommodation will be arranged in hostels and UNI hotel on the campus on a payment basis

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SCHOOL OF
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