



About the Conference

The International Conference on Advances in Biosciences & Biotechnology (ICABB) has established itself as a premier platform for the exchange of ideas and advancements in the field of biosciences and biotechnology. Now entering its 9th edition in the series and 11th in the conference legacy, ICABB 2026 continues this rich tradition with renewed vigour. The 9th edition of ICABB, continue this tradition under the theme "Emerging Innovations in Biomedical and Bioengineering Sciences." The objective of the conference will be to explore cutting-edge advancements, foster collaboration between academia, industry, and research community and provide a platform to present and discuss their work. Over its previous editions, ICABB (2025) has evolved into a premier platform, attracting over 350 participants and 12+ international speakers in its most recent edition. The conference has progressed into a venue for policy dialogues, research dissemination, and academia-industry partnerships critical to India's growth in biosciences. In 2026, we aim to expand this vision with a special focus on Biomedical and Bioengineering translational research, emphasising cross-sector collaboration to advance India's sustainable development goals.



Session 1: Biomedical and Health Innovations Next-Generation Therapeutics, Regenerative Medicine, Tissue Engineering, Biomarker Discovery, Public Health Biotechnology & Infectious Disease Management, Drug Discovery, Pharmaceutical Biotechnology Development of biologics and biosimilars

Session 2: Environmental Biotechnology and Sustainable Agriculture Sustainable Development, Biofuels and Biomaterials, Renewable Bioresources, Bioproducts, Green Biotechnological Processes, Biofertilizers, Biostimulants, Biopesticides, Soil Microbiome Management, Climate-Resilient Crops via Genetic Engineering, Genome Editing

Session 3: Multi-Omics Approaches and AI in Biotechnology Genomics, Transcriptomics, Proteomics, and Metabolomics Integration, Single-Cell Omics, Spatial Biology, Systems Biology, Network Analysis, and Big Data in Biological Research, AI/ML Applications in Drug Discovery and Biomarker Prediction, Cloud Platforms, Industrial Applications of Bioengineered

Session 4: Next-Generation Nano biotech and Nano-Enabled theragnostics Nanomaterials for Drug Delivery and Targeted Therapy, Biosensing and Imaging at the Nanoscale: Bio/Nanosensors, Nano-enabled Diagnostics and Theranostics

Session 5: AYUSH-Based Biomedical Innovations and Integrative Health Technologies, Phytochemicals and Natural Bioactives in Disease Modulation, AYUSH-Derived Nanoformulations and Targeted Delivery Systems

Theme:

Emerging Innovations in Biomedical and Bioengineering Sciences

ICABB-2026

28th – 30th January 2026



About JIIT



Jaypee Institute of Information Technology, Noida was established in the year 2001 and has been declared as a "Deemed to be University" under Section 3 of UGC Act 1956 in the year 2004. JIIT is a NAAC accredited, AICTE approved and NIRF ranked Institute and has continued to become a centre of excellence in emerging areas of science and technology.

About Department

The Department of Biotechnology at JIIT, NOIDA, established in 2002, is committed to provide innovative teaching, learning, and a vibrant research environment. Faculty members with rich research exposure in academia and industry from national & international organizations, contribute to the departmental academic core.

Chief Patron:
Shri Manoj Gaur

Patrons
Prof. S.C. Saxena

Conference Chairperson
Prof. Pammi Gauba

Conveners
*Dr Manisha Singh and
Dr Nivedita Mishra*


IMPORTANT DATES

Registration:
15th Sept'25 - 30th Dec'25

Abstraction submission:
15th Sept'25 - 15th Nov'25

- **Confirmation of abstract acceptance** will be communicated within **7 working days** from submission.

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Mobile: 9910624908; 9899581700
Landline: 0120 -2594387; 0120 – 2594203

Registration:

| Registration | Indian | Foreign |
|---------------------|-----------|---------|
| Student (External) | INR 3000 | \$ 100 |
| Faculty (External) | INR 7000 | \$ 150 |
| Industry | INR 10000 | \$ 150 |
| Attendee (Non-JIIT) | INR 1000 | \$ 50 |

Payment Details

Jaypee Institute of Information Technology
Swift Code - IBKLINBB010
Account No.: 0200104000323550
IFSC Code : IBKL0000200
(IDBI Bank Ltd, Sector-63, Noida, U.P., India)



**SCAN ME
TO PAY.**

(registration link)

https://docs.google.com/forms/d/1q8V71Usp-ftfygn-FC93hqm5PoAnNWjcLAd2x2KL_Rw/edit

Advances in Biosciences & Biotechnology (ICABB 2026)

Dates: 28–30 January 2026

Venue: Jaypee Institute of Information Technology (JIIT), Noida, India

DAY 1 – 28 January 2026

| Time/Session | Session Title & Speakers | Program | Remarks |
|--|---|--|---|
| 09:30 – 11:00 AM | INAUGURAL SESSION Chief Guest Dr Vijay Kumar Saraswat (Member, NITI Aayog, and Chancellor, Jawaharlal Nehru University) | Lamp lightening Saraswati Vandana; Address by Convener Director & HoD Vice Chancellor, Guest of Honour Chief guest | Inaugural Ceremony |
| TEA BREAK – 11:00 – 11:30 AM | | | |
| INVITED LECTURES (11:30 AM -1:00 PM) | | | |
| ORAL & POSTER PRESENTATIONS I (13:30–14:30) | | | |
| 11:30 – 13:00 PM | SESSION 1 BIOMEDICAL AND HEALTH INNOVATIONS INVITED SPEAKERS Prof. Stephen Kerr Professor, Medicinal Chemistry, Associate Provost for academic and international affairs, Massachusetts College of Pharmacy and Health Sciences, Boston, MA, USA Prof. Murali Dhansekhara Director of International Programs, Units: Drug Discovery and Development, Administration, Harrison College of Pharmacy, Auburn University, Auburn, Alabama, USA Prof. Vinod Tiwari Associate Professor, Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (BHU), Varanasi, U.P., India | SESSION CHAIRS Prof. Kamal Dua Professor, Pharmaceutics Research National Institute of Complementary Medicine (NICM) Health Research Institute, Western Sydney University (WSU) New South Wales, Australia Prof. (Dr.) Harish Dureja Dean, Research and Development Dean, Faculty of Pharmaceutical Sciences Director, Centre for IPR Studies Director, Professional Consultancy Cell Maharshi Dayanand University, Rohtak Haryana, India | Followed by Oral & Poster Presentations I (13:30–14:30) ORAL PRESENTATION PANEL_EVALUATION PANEL Prof. Reema Gabrani Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India Prof. (Dr.) Simran Tandon, Professor & Director (Research), Amity Institute of Molecular Medicine & Stem Cell Research, Amity University, Noida Dr Kapila Kumar Associate Professor Manav Rachna International Institute of Research and Studies, Faridabad, Haryana POSTER PRESENTATION EVALUATION PANEL Dr Ritu Rai Associate Professor Department of Zoology, Dyal Singh College, Lodhi Road, New Delhi, India Dr Shalini Mani Associate Professor Department of Biotechnology |

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| | | | Jaypee Institute of Information Technology (JIIT), Noida, U.P., India |
| LUNCH AT ANNAPURNA: 13:30- 14:30 | | | |
| INVITED LECTURES (15:00 – 16:30) | | | |
| ORAL & POSTER PRESENTATIONS II (16:30–18:30) | | | |
| 15:00 – 16:30 | SESSION 2 ENVIRONMENTAL BIOTECHNOLOGY AND SUSTAINABLE AGRICULTURE INVITED SPEAKERS Prof. Brian Oliver Distinguished Professor, Discipline Leader, School of Life Sciences, University of Technology Sydney (UTS) Dr. Trilok Singh Associate Professor Department of Energy Science and Engineering, IIT Delhi, New Delhi, India Mr Sunil Kumar CEO, Renewable Energy (Business), Sorigin RE Services Private Limited, Pune - 411036, Maharashtra, India | SESSION CHAIRS Dr. Sangeeta Singh Senior Scientist, Level 13A, Division of Crop Improvement, ICAR-Indian Grassland and Fodder Research Institute, Jhansi, U.P., India Prof. Krishna Sundari Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India | Followed by Oral & Poster Presentations II (16:30 – 18:30) ORAL PRESENTATION PANEL_EVALUATION PANEL Prof. Krishna Sundari Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India POSTER PRESENTATION EVALUATION PANEL Dr Garima Mathur Assistant Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India |
| TEA BREAK – 17:00 – 17:30 | | | |
| CULTURAL EVENING – 18:30 | | | |
| GALA DINNER – 20:00 ONWARDS | | | |

DAY 2 – 29 January 2026

| Day 2: Session 3 & 4 | | | |
|---|---|--|---|
| 9:30 – 11:00 AM (Invited Lectures) | | | |
| Time/Session | Session Title & Speakers | Session Chairs | Remarks |
| 09:30 – 11:00 | SESSION 3 NEXT-GENERATION NANO BIOTECH AND NANO-ENABLED THERANOSTICS INVITED SPEAKERS Prof. Dinesh Kumar Chellappan Associate Professor, Department of Life Sciences, School of Pharmacy, International Medical University (IMU), Kuala Lumpur, Malaysia Prof. Vandana Patravale Professor and Head Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology (ICT), | SESSION CHAIRS Prof. John I. Disouza Principal, Bombay Institute of Pharmacy & Research, Mumbai, Maharashtra Prof. Sachin Kumar Singh Professor, School of Pharmaceutical Sciences, Lovely Professional University, Punjab, India | Followed by Oral & Poster Presentations III (11:00 – 13:00 PM) ORAL PRESENTATION PANEL_EVALUATION PANEL Prof. Shweta Dang Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India Dr Gaurav Gupta Associate Professor School of Pharmaceutical Sciences, Jaipur National University, Jaipur, India Dr Punit Gupta |

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| Mumbai, Maharashtra, India Dr. M-Ali Shahbazi Assistant Professor Department of Biomaterials and Biomedical Technology (BBT), University Medical Centre Groningen University of Groningen, The Netherlands | | Assistant Professor Amity Institute of Pharmacy Amity University Uttar Pradesh, Sector-125, Noida POSTER PRESENTATION EVALUATION PANEL Dr Anuradha Singh Associate Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India Dr Raj Kumar Tiwari HoD Pharmacognosy Era College of Pharmacy, Era University, Lucknow, U.P. |
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TEA BREAK – 11:00 – 11:30 AM

ORAL & POSTER PRESENTATIONS III (11:00 – 1:00 PM)

LUNCH AT ANNAPURNA: 13:00- 14:00

TEA BREAK – 15:30 – 16:00 AM

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| 14:00–15:30 | <p>SESSION 4</p> <p>MULTI-OMICS, GREEN CHEMISTRY AND ARTIFICIAL ADVANCEMENTS IN BIOTECHNOLOGY</p> <p>INVITED SPEAKERS</p> <p>Prof. Flavia Zacconi (Associate Professor, Pontificia Universidad Católica de Chile – Institute for Biological and Medical Engineering, San Joaquín – Avda. Vicuña Mackenna 4860, Macul, Santiago)</p> <p>Dr. Khalid Raza Associate Professor Department of Computer Science, Jamia Millia Islamia, New Delhi, India</p> | <p>SESSION CHAIRS</p> <p>Prof. Dr Jata Shankar Professor and Head Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology, Solan, Himachal Pradesh, India</p> <p>Dr. Zubair Malik Research Scientist Department of Genetics and Bioinformatics, Dasman Diabetes Institute, Dasman, Kuwait City 15462, Kuwait</p> | <p>Followed by Oral & Poster Presentations IV (15:30 – 17:00)</p> <p>ORAL PRESENTATION PANEL EVALUATION PANEL</p> <p>Prof. Sudha Srivastava Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India</p> <p>Dr Shazia Haider Assistant Professor Department of Biosciences, Faculty of Natural Sciences, Jamia Millia University, New Delhi-110025.</p> <p>POSTER PRESENTATION EVALUATION PANEL</p> <p>Dr Nidhi Batra Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India</p> |
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Oral & Poster Presentations IV (15:30 – 17:00)

DAY 3 – 30 January 2026

Day 3: Session 5

9:30 – 11:00 AM (Invited Lectures)

| Time/Session | Session Title & Speakers | Session Chairs | Remarks |
|---------------------|-------------------------------------|-----------------------|-----------------------------|
| 09:30 – 11:00 | SESSION 5 | | Followed by the Valedictory |

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| | <p>AYUSH-BASED BIOMEDICAL INNOVATIONS AND INTEGRATIVE HEALTH TECHNOLOGIES</p> <p>INVITED SPEAKERS</p> <p>Prof. Rajagopala S Additional Professor & Head of the Department, Dept. of Kaumarabhritya, Dean Research & Associate Dean International Cell All India Institute of Ayurveda, Gautampuri, Sarita Vihar, Mathura Road, New Delhi, India</p> <p>Prof. Mitali Mukerji, Professor, Department of Bioscience & Bioengineering Affiliate Faculty at School of Artificial Intelligence and Data Science (AIDE) & Centre for Emerging Technologies for Sustainable Development (CETSD) Indian Institute of Technology Jodhpur, Rajasthan 342037</p> | <p>SESSION CHAIRS Prof. Rachana Professor Department of Biotechnology Jaypee Institute of Information Technology (JIIT), Noida, U.P., India</p> | <p>session and prize distribution</p> |
| TEA BREAK – 11:00 – 11:30 AM | | | |
| Oral & Poster Presentations V (11:00 – 12:30) | | | |
| VALEDICTORY CLOSING SESSION – 12:30 – 13:30 | | | |
| LUNCH AT ANNAPURNA – 13:30 ONWARDS | | | |

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