



# VI International Conference on Advances in Biosciences & Biotechnology (ICABB- 2023)

**: THEME :**  
Innovative  
Advancements in  
Biotechnology  
& Bioinformatics



JIIT Noida, India



18-20 January

2023

## 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 THE DEPARTMENT

The Department of Biotechnology at JIIT, NOIDA, established in 2002, remains committed to provide innovative teaching and learning, and vibrant research environment. Faculty members with rich research exposure in academia and industry, both in India and abroad, contribute to the departmental academic core.

## ABOUT THE CONFERENCE

After successfully organizing 5 previous editions, we are glad to introduce the VI<sup>th</sup> ICABB conference. This conference provides a stage for the budding researchers to showcase their novel ideas, as well as, provide a platform for globally acclaimed scientists to discuss their findings and the future of the industry. Promoting and encouraging dialogue on all kinds of relevant scientific ideas and research is the key pillar of this conference. Therefore, annually we get numerous participants from all over the world who present their posters and research presentations across a wide array of topics related to Biotechnology and Bioinformatics. However, the ever evolving nature of Biotechnology and Bioinformatics has resulted in an exponential increase in industry-wide innovation and advent of novel technologies. This has particularly been evident in the last couple of years which saw a boom in number of ongoing research projects and a considerable increase in their funding. Whether it has been the expedited development of mRNA vaccines or the breakthroughs in the domain of biosensors, the pace and degree of innovation has been at an unprecedented level. Therefore, the theme selected for this year's conference is 'Innovative advancements in Biotechnology and Bioinformatics'.





## International Advisory Committee

1. Dr. Simona M Monti, Institute of Biostructures and Bioimaging, Italy
2. Prof. Serena Zacchigna, ICGEB, ITALY
3. Dr, Suneet Shukla, Boehringer Ingelheim, USA
4. Dr. Jayadev Raju, Health Canada, USA
5. Dr. Jayanto Routh, Linkoping University, Sweden
6. Prof. Ranjana Bird, University of Northern British Columbia
7. Mr. Himanshu Saxena, Starwood Energy Group Global LLC, USA
8. Dr Christophe Grosset, Bordeaux Institute of Oncology, France
9. Dr. Chandra Bhushan Mishra, Baylor College of Medicine, USA
10. Dr. Santhosh K.K. Pillai, Durban University of Technology, SA
11. Dr Santosh Kumar Srivastava, Olea Edge Analytics, Austin, Texas, USA

## National Advisory Committee

1. Prof. PK Yadava, JNU
2. Dr. Manoj Upreti, Indian Oil Corporation Limited, Faridabad
3. Dr. Gulshan Wadhwa, DBT, New Delhi
4. Dr. Manishi Mukesh, ICAR, NBAGR,
5. Mr. Ashish Dubey, Redcliffe Genetics
6. Prof. Pawan Dhar, SBT, JNU
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9. Prof. Dinesh Gupta, ICGEB, India
10. Prof. Jahid Ashraf, Jamia Millia Islamia, New Delhi
11. Prof. Debasisa Mohanty, NII, New Delhi
12. Prof. Amit Kumar Dinda, AIIMS, New Delhi
13. Prof. K.C. Gupta, DU, Delhi
14. Prof. Shyamal K Goswami, JNU, New Delhi
15. Dr. Pranjal Chandra, IIT, BHU
16. Prof. K.C. Gupta, DU, New Delhi

## **:Chief Patron:**

Mr. Manoj Gaur, Chancellor, IIIT, Noida  
Prof. S. C. Saxena, Pro-chancellor, IIIT, Noida

## **:Patron:**

Prof. Y. R. Sood, Vice Chancellor, IIIT, Noida

## **:Conference Chair Person:**

Prof. Pammi Gauba, HOD, Department of Biotechnology,  
IIIT, Noida

## **:Conveners:**

Prof. Vibha Rani, Department of Biotechnology, IIIT, Noida  
Dr. Chakresh K. Jain, Department of Biotechnology, IIIT,  
Noida



# Session Themes

## **SESSION I: Multi-omics Technology**

Synthetic Biology/Omics  
Molecular Docking  
Molecular Modelling/Simulation  
Chemo Informatics  
Drug Designing  
Systems Biology  
Network Biology  
Next Generation Sequencing  
Personalized Medicine

## **SESSION II: Advances in Medical Biotechnology**

Host- Pathogen Interactions Genetic Disorders  
Life Style Disorders Diagnostics and Treatment  
Stem Cells Therapy  
Translational Medicines  
Vaccines and Antibiotics  
Nanomaterials Diagnostics  
Biosensors  
Nano-Formulations  
Targeted Drug Delivery & Nano-Remediation

## **SESSION III: Food, Agriculture & Industrial Biotechnology**

Bio-Fertilizers and Bio-Pesticides  
Food Biotechnology  
Plant Biotechnology  
Animal Husbandry  
Natural Products

## **SESSION IV: Environmental & Microbial Biotechnology**

Environmental Biotechnology Enzyme Technology  
Bioremediation Bio Resources Bio Fuels  
Product Development  
Innovative Products in Biotechnology

## **SESSION V: Innovative Advancements in Biotechnology**

Panel Discussion with Funding agencies, Entrepreneurs, Angel investors

## Benefits of Attending ICABB-23

- Knowledge Enhancement.
- Interaction with eminent experts.
- Opportunity of work presentations and honest review.
- Event to improve speaking & presentation skills.
- Platform for collaborative efforts.
- Chance to grow & develop innovative ideas.

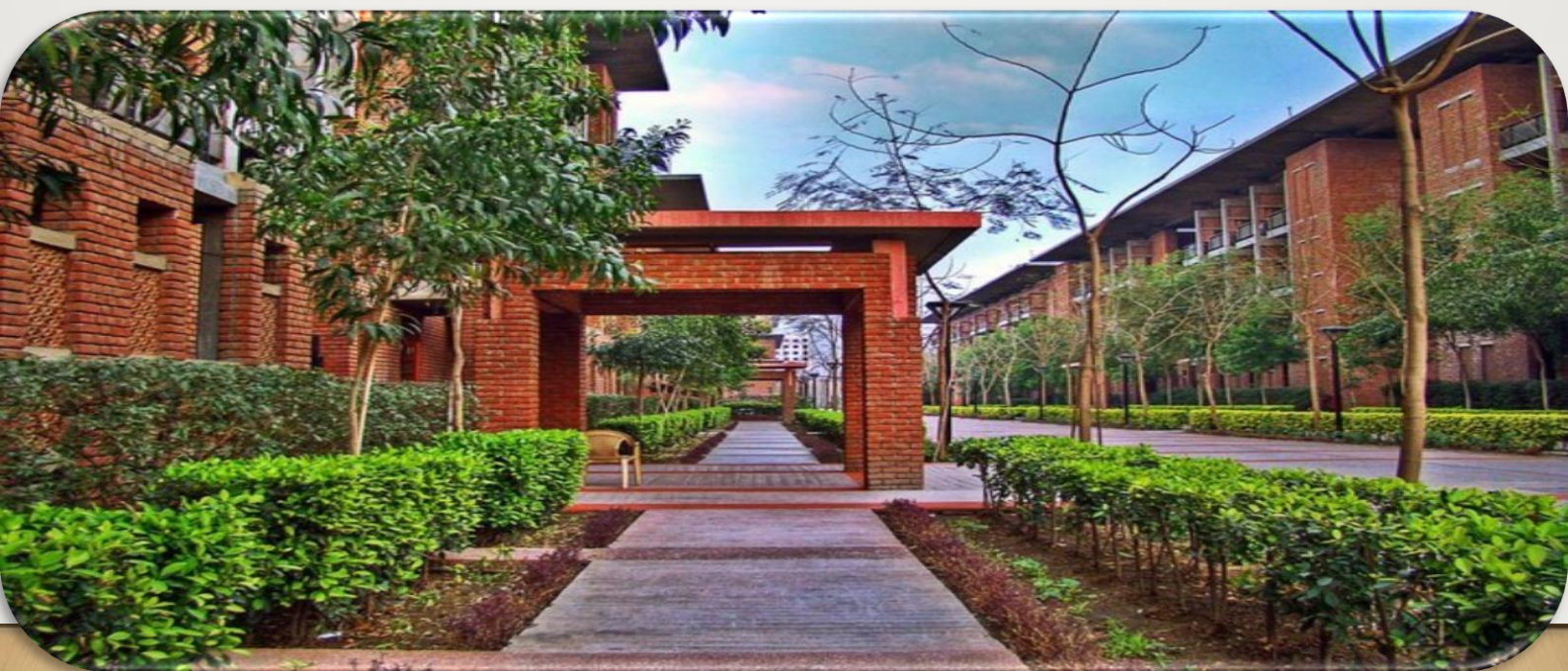
## Important Dates

<b>Start of Registration</b>	<b>:</b>	<b>October 10, 2022</b>
<b>Deadline for submitting abstract</b>	<b>:</b>	<b>December 1, 2022</b>
<b>Notification of acceptance</b>	<b>:</b>	<b>December 10, 2022</b>
<b>Request for full length</b>	<b>:</b>	<b>Two weeks after Submission</b>
<b>Conference dates</b>	<b>:</b>	<b>January 18-20, 2023</b>



# Registration Fees

Registration	Indian	Foreign
Student (Offline) Registration	INR 3,000	Applicable for Online only
Student (Online) Registration	INR 1,500	\$100
External Faculty (Online & Offline)	INR 6,000	\$ 150
Industry (Online & Offline)	INR 10,000	\$ 150
Attendee	INR 500	\$ 75



## **Payment Details for the Conference**

<b>Bank Account Name</b>	<b>Jaypee Institute of Info. Tech.</b>
<b>Bank Name</b>	<b>ICICI Bank</b>
<b>Account Number</b>	<b>JIITICABB2023</b>
<b>Branch</b>	<b>CMS Mumbai</b>
<b>IFSC Code</b>	<b>ICIC0000104</b>

**NEFT & IMPS Mode of payments are applicable only. UPI Payments are not allowed.**

**Attendees:**

<https://forms.gle/aZj417dDQFjLx7r67>

**JIIT Students:**

<https://forms.gle/X49QqPaAYWKkpPu58>

**Industry:**

<https://forms.gle/4L8rcNqKWh1qhUvF6>

**Academia:**

<https://forms.gle/qkYgRkbpFVngyEhc9>

**Students & Research Scholars:**

<https://forms.gle/dem7hftmULPe3kmr8>



# Our Collaborators





### Contact Us:



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