

Conferences, Faculty Development Programs & Workshops

CONFERENCES

Department of Biotechnology, JIIT, annually organizes an International Conference on Advances in Biosciences and Biotechnology (ICABB), and has successfully completed six chapters on various themes of contemporary scientific interest.

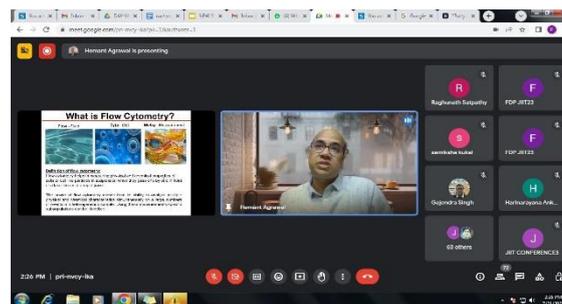


Title	Date
International Conference on Advances in Biosciences and Biotechnology – 2024 (ICABB 2024) (Theme: Food and Microbial Biotechnology – Insights and Innovations)	31 January – 2 February 2024
International Conference on Advances in Biosciences and Biotechnology – 2023 (ICABB 2023) (Theme: Innovative Advancements in Biotechnology and Bioinformatics)	18 – 20 January 2023
International Conference on Advances in Biosciences and Biotechnology – 2022 (ICABB 2022) (Theme: Innovations in Life Sciences and Computational Biology)	20-22 January 2022
International E-Conference on Advances in Biosciences and Biotechnology – 2021 (ICABB 2021) (Theme: Recent Trends in Biosciences and Biomedical Research)	28-30 January 2021
International Conference on Advances in Biosciences and Biotechnology – 2020 (ICABB-2020) (Theme: OMICS in Human Health and Disease)	30 January – 1 February 2020
International Conference on Advances in Biosciences and Biotechnology – 2019 (ICABB 2019) (Theme: Bioresources and Biodiversity)	31 January – 2 February 2019

FACULTY DEVELOPMENT PROGRAMS ORGANIZED

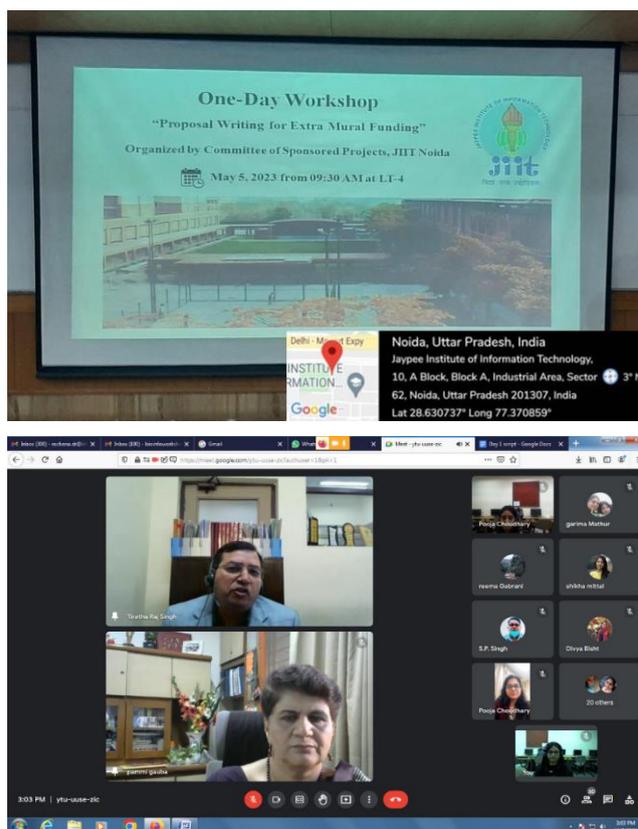
The Department also facilitates capacity building and enhancement for students and faculty by conducting Workshops and Faculty Development Programs. Talks and trainings given by experts from academia and industry give a new perspective to faculty teaching and also hone the students' research interests.

 <p>5 days Virtual Faculty Development Program</p> <p>On "Advancements and Innovations in Cellular Communication and Signal Transduction"</p> <p>17th - 21st July, 2023</p> <p>Organized by: Department of Biotechnology Jaypee Institute of Information Technology Noida - 62</p>	<p>JIIT & Department of Biotechnology</p> <p>JIIT, an AICTE approved NIRF (MHRD) ranked and NAAC accredited Deemed University has been constantly ranked amongst the top engineering institutes in Delhi-NCR. The Department of Biotechnology JIIT, established in 2002 remains committed to provide research-informed teaching and learning and a vibrant R&D environment. It has been consistently ranked amongst the best institutions in India by Biospectrum. Research focus of the department is on emerging, re-emerging and life style diseases, natural bio-products of therapeutic and industrial importance, their molecular mechanisms of action and Bio/Phyto remediation strategies has resulted in extramural funded projects and publications of national and international repute.</p> <p>About FDP</p> <p>All living cells are dynamic systems capable of responding to internal and external stimuli or signals. This dynamism comes as it can communicate with its internal and external environment through cell signaling in biology, cell signaling or cell communication is the ability of a cell to receive, process, and transmit signals with its environment and with itself. Therefore, it becomes important to study and learn about the signalling pathways as a large number of diseases are caused by defects in signalling pathways.</p>	<p>To identify these key signalling proteins and their biological functions in disease biology, network based approaches are primarily used. Their functions can be studied with the help of classical biochemical approaches, often combined with modern platforms such as Phosphoproteomics, Mass spectrometry, FACS analysis and immunocytochemistry etc, enabling the study of these signalling molecules.</p> <p>The FDP "AICTE", going to be organised by Department of Biotechnology, during July 17-22 will provide a best suitable platform to learn the basics and application regarding cell communication and the technology used to analyse the same.</p> <p>Sessions to be covered:</p> <p><i>Cellular communications and Signal transduction</i> <i>Advanced approaches to study signalling pathways</i> <i>Signalling Defects and Human Disease</i> <i>Hands on Practice on Network Medicine to identify disease modules and pathways</i> <i>Flow cytometry in Cell signalling studies: Basics, applications and demonstration</i></p>
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Title	Date
5 days Virtual Faculty Development Program On "Advancements and Innovations in Cellular Communication and Signal Transduction"	17 -21 July 2023
5 -day online Faculty Development Program on the theme "Inculcating Universal Human Values in Technical Education"	22 -26th Aug 2022
Faculty Development Program on "Innovations in Drug Delivery Technologies"	25-30 July 2022
Faculty Development Program on "Food and Agriculture Biotechnology"	2-7 August 2021
Faculty Development Program on "Recent Advances in Food and Microbial Biotechnology"	13-18 July 2020
Faculty Development Program on "Recent Trends in Industrial Biotechnology"	1-6 July 2019

WORKSHOPS ORGANIZED



Title	Date
1-day workshop on “PROPOSAL WRITING FOR EXTRA MURAL FUNDING” for faculty and research scholars	5 May 2023
5 days' Workshop on “Next Generation Sequencing and its Implications in Agriculture and Human Health”	5-9 December 2022
Half day training workshop on Aptitude & Logic for Competitive Exams & Job Interviews (in collaboration with Career Launcher, Delhi)	18 November 2022
1-day Workshop on “Workshop on “Environment and Sustainability”	9 June 2022
2 Week Virtual Workshop on “Next generation bioinformatics approaches on infection biology”	4-15 April 2022
Virtual workshop and hands-on training on “bioinformatics approaches for data analysis and research”	12-14 August 2021