



**Virtual Workshop & Hands-on Training
on
“Next Generation Sequencing and its
Implications in Agriculture and Human
Health”**

5th-9th December 2022

Organized by
Department of Biotechnology
Jaypee Institute of Information Technology
Noida - 62

Conveners
Prof. Pammi Gauba
Prof. Rachana and Dr. Pooja Choudhary

About JIIT

JIIT's state-of-the-art, environmentally conditioned campus comprises of state of art buildings with Wi-Fi connectivity covering the Academic Block, Business School cum Research Block, Faculty Residences, Student Hostels and Annapurna. Well equipped modern laboratories and an intellectually stocked Learning Resource Centre with books and E-Resources provide a pleasant and stimulating ambience. It is a Center of Excellence in the field of IT & related merging areas education, training and research and comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management.

About the Department

The scope of biotechnology is never ending as the power to alter life has just seen its beginning. The field of biotechnology is steadily growing in India – we are among the top 12 destinations for biotechnology education in the world and hold nearly significant share in the global Biotechnology industry. The Department of Biotechnology at JIIT, NOIDA, established in 2002, remains committed to provide innovative research-informed teaching and learning, and vibrant R & D environment. Faculty here is with rich research exposure in academia and industry both in India and abroad contributes to the department academic core.

Sessions

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| <p>Day 1, 5th Dec Genomic interventions in sustainable agriculture Speaker: Dr. Mehanathan Muthamilarasan, <i>Central University of Hyderabad, Hyderabad, India</i> Session : 3pm-5pm, Questions and discussion: 4pm-5pm</p> |
| <p>Day 2, 6th Dec Systems Genomic approaches for their applications in animal and plant sciences Speaker: Dr. Tiratha Raj Singh, <i>JUIT Waknaghat, India</i> Session: 3pm-5pm, Questions and discussion: 4pm-5pm</p> |
| <p>Day 3, 7th Dec Genomics: Discovering through a Cutting Edge Technology Speaker: Dr. Roli Budhwar, <i>Bionivid Technology Pvt Ltd, Bangalore, India</i> Session: 3pm-5pm, Questions and discussion: 4pm-5pm</p> |
| <p>Day 4, 8th Dec Next-generation sequencing by de-novo assembly and annotation Speaker: Dr. Shikha Mittal, <i>JUIT Waknaghat, India</i> Session: 3pm-5pm, Questions and discussion: 4pm-5pm</p> |
| <p>Day 5, 9th Dec Bioinformatics platform for analysing gene expression data Speaker: Dr. Shazia Haider <i>JIIT Noida, India</i> Session: 3pm-5pm</p> |

Note: Please keep your own laptop for hands-on training.
Participation certificate will be awarded.

Registration



Registration form: <https://forms.gle/YVtamr9vTXrjhnQi9>

Registration fee

Students/Research Scholars/Faculty/Scientists/Participants
from industry: Rs. 500

Account Details

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| Bank A/c Name | Jaypee Institute of Information Technology |
| Bank Name | ICICI Bank |
| Account No. | JIITWORKSHOPBT |
| Branch Name | CMS Mumbai |
| IFSC Code | ICIC0000104 |

Contact Details

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