

Organizers

Prof. Alok Kumar Rai

(Patron)

Vice Chancellor,
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Workshop on Techniques of Molecular & Computational Biology

November 22-24, 2021

Venue: Institute for Development of Advanced Computing (IDAC)
ONGC Centre of Advanced Studies, University of Lucknow, Lucknow

Resource Persons

Dr. Mohd. Imran Siddiqi

Senior Principal Scientist

Molecular and Structural Biology, CSIR-CDRI, Lucknow

Key note lecture: "Recent trends in Computer aided Drug Design"



Dr. Veda P Pandey

CSIR-Pool Scientist

Department of Biochemistry, University of Lucknow, Lucknow



Molecular Biology Section:

- Nucleic acids: extraction and visualization
- PCR and its variants
- Theoretical aspects underlying gene cloning

Computational Biology section:

- Overview of Bioinformatics: Tools and techniques
- PCR Primer designing: *in-silico* approaches

Dr. Saumya Pathak

Department of Science & Technology, PCPM Division, New Delhi

Molecular Biology Section:

- Gene expressional analyses



Dr. Om Prakash

ICMR Research Associate

Computational Biology Division, CSIR-CIMAP, Lucknow

Computational Biology section:

- Computational Biology: From Sequence to drug development



Mr. Graish Kumar

Ms. Farah Bano

Research Scholar,

Department of Zoology, University of Lucknow, Lucknow



Computational Biology section:

- Application of computer software for population diversity

