



CSIR-National Botanical Research Institute
Rana Pratap Marg, Lucknow 226001



Invites application for Workshop on
Advanced Bioinformatics
Nov 15th – 30th 2022



- Sequence alignment techniques: pair-wise & multiple sequence alignment
- Phylogenetic analysis for biological sequences
- Computational genomics: gene prediction, pattern searching, profile/motif based searching
- Basic statistics using R
- NGS data analysis
- Gene expression analysis
- Modelling and network analysis

Only 10 seats are available

Workshop is aimed at post-graduate students who wish to pursue research as career. The two week workshop will have lectures from scientists working in these leading areas with hand on training of using various softwares and tools.

Who can apply:

*Candidates who are pursuing or have completed post-graduation in biology.
Candidates are required to bring their own laptops.*

How to apply:

Confirm your seat by sending your CV at mh.asif@nbri.res.in.

Registration Fee: Rs. 2000/- to be deposited at the time of registration.

Registration : 15th November, 2022; 9:00 am onwards

Venue: Conference Hall, TN Khoshoo Block, CSIR-NBRI, Lucknow.

Timings: 10:00 am- 5:30 pm

Contact: Dr. Mehar H Asif/ Dr. Sumit K Bag; 0522-2297914

Email: mh.asif@nbri.res.in/sumit.bag@nbri.res.in

P.S: No accommodation will be provided by the organisers

About the workshop:

CSIR-NBRI is organising a two week workshop for the graduate/post-graduate students to learn key techniques in the area of bioinformatics,. CSIR-NBRI is one of the leading research laboratories and has developed expertise in these areas. At CSIR-NBRI research work is carried out in the frontline areas involving genomics, molecular biology and biotechnology using state of the art facilities. The workshop will consist of lectures by scientists working in the areas of bioinformatics, plant molecular biology and biotechnology. The key beneficiaries of this workshop will be students who want to take up research as their career.

Workshop Design:

- ***The workshop will consist of series of lectures by scientists working in the relevant areas.***
- ***Hands on training will be provided for the various techniques***
- ***Certificate of participation will be provided to the candidates***

Key organisers

Dr. Mehar H. Asif

Senior Principal Scientist

Dr. Sumit K. Bag

Principal Scientist

Molecular Biology and Biotechnology Division

CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow-226001