

HANDS-ON TRAINING

NETWORK BIOLOGY

DECODING LIFE THROUGH PROTEIN- PROTEIN INTERACTIONS

1 Week | 23 Mar.-27 Mar. 2026
Registration Closes: 22 Mar. 2026
6:00 - 7:00 PM (IST) | Mon. to Fri.

ABOUT THE TRAINING

This training program provides a hands-on, comprehensive training on Network Biology for protein-protein interaction analysis. You will learn to use Cytoscape to visualize and analyze protein networks, applying key metrics to identify critical proteins and pathways. This course equips you with the skills to interpret biological data and apply network biology to real-world problems.

Registration Process

Eligibility: Students pursuing B.Sc., B.Tech., M.Sc., M.Tech., PhD in life sciences/computer science as well as Teaching and Industry Professionals.

To get the application form and fee details and for any other queries, write to us at info@cbirt.net or call us at +91 6398142849.



Visit: www.cbirt.net/training

Topics

- Introduction to network biology, databases, and tools
- Retrieval of gene information using databases like **MalaCards** and **GeneCards**
- Installation and setup of **Cytoscape & Plugins in Cytoscape**
- Constructing protein-protein interaction networks with **Cytoscape**
- Network analysis
- Performing functional enrichment analysis using **STRING** enrichment
- Identifying hub genes with the **cytoHubba** plugin
- Exploring web-based PPI tools such as **GeneMANIA** and **STRING**
- Troubleshooting and best practices

Program Benefits

- Certificates | Access to Live Sessions | Recordings | Workshop Materials | Online Technical Support Post Training

Course Instructors

- Anchal Negi, Bioinformatician, CBIRT
- Dr. Tamanna Anwar, Training Organizer & CoFounder, CBIRT



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To register for the workshop, please submit the registration form along with your payment details. We accept multiple payment methods to ensure a convenient and secure registration process.



SCAN THE QR CODE FOR THE
REGISTRATION FORM

REGISTRATION PROCESS



STUDENTS

Upto Masters
INR-999

PH.D
INR-1199



POSTDOC/RESEARCH SCHOLARS

INR-1499



STAFF/FACULTY

INR-1999



INDUSTRY PROFESSIONALS

INR-2499



INTERNATIONAL PARTICIPANTS

(Including all Living, Working, or Studying Abroad at the time of the Workshop).

STUDENTS
Upto Masters
USD 25

PH.D
USD 30

POSTDOC/
RESEARCH SCHOLARS
USD 35

STAFF/FACULTY
USD 40

INDUSTRY
PROFESSIONALS
USD 50

PAYMENT METHODS

SCAN QR CODE



centreofbioinformaticsresearch@cnrb

UPI ID



PAYPAL ID



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ONLINE TRANSFER

Account No. - 120023770387
Bank Name - CANARA BANK
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Branch - Kelangar, Aligarh

Payable to: Centre of Bioinformatics
Research and Technology

For Queries/More Details Contact: info@cbirt.net