

# HANDS-ON TRAINING

# NETWORK BIOLOGY

## DECODING LIFE THROUGH PROTEIN- PROTEIN INTERACTIONS

1 Week | 1-7 July 2026  
Registration Closes: 30 June 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](mailto:info@cbirt.net) or call us at +91 6398142849.



Visit: [www.cbirt.net/training](http://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

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



[PayPal.Me/cbirt1](https://www.paypal.com/Me/cbirt1)

ONLINE TRANSFER

Account No. - 120023770387

Bank Name - CANARA BANK

IFSC Code - CNRB0002336

Branch Code - 002336

Branch - Kelangar, Aligarh

Payable to: Centre of Bioinformatics  
Research and Technology

For Queries/More Details Contact: [info@cbirt.net](mailto:info@cbirt.net)