

★ ★ ★  
**EARLY BIRD  
DISCOUNT  
OPEN TILL  
10<sup>TH</sup> SEPT.**  
★ ★ ★



**CENTRE OF  
BIOINFORMATICS  
RESEARCH &  
TECHNOLOGY**

# *HANDS-ON TRAINING*

# **NETWORK BIOLOGY**

## DECODING LIFE THROUGH PROTEIN- PROTEIN INTERACTIONS

1 Week | 15 Sept.-20 Sept. 2025  
Registration Closes: 14 Sept. 2025  
6:00 - 7:00 PM (IST) | Mon. to Sat.

## **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**

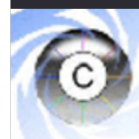
- Introduction to network biology, databases, and tools
- Retrieval of gene information using databases like **MalaCards** and **GeneCards**
- Installation and setup of **Cytoscape** & **Plugins in Cytoscape**
- Constructing protein-protein interaction networks with **Cytoscape**
- Network analysis
- 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**

- Dr. Prekshi Garg, Bioinformatics Trainer, CBIRT
- Dr. Tamanna Anwar, Training Organizer & CoFounder, CBIRT



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**REGISTER NOW**



# HANDS-ON TRAINING NETWORK BIOLOGY

## DECODING LIFE THROUGH PROTEIN- PROTEIN INTERACTIONS

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 PHD LEVEL)  
INR-1199.00



POSTDOC/RESEARCH SCHOLARS  
INR-1499.00



STAFF/FACULTY  
INR-1999.00



INDUSTRY PROFESSIONALS  
INR-2499.00



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

STUDENTS  
(UPTO PHD LEVEL)  
USD 25.00

POSTDOC/  
RESEARCH SCHOLARS  
USD 30.00

STAFF/FACULTY  
USD 40.00

INDUSTRY  
PROFESSIONALS  
USD 50.00

Early Bird Registration (Closes 10 <sup>th</sup> Sept. 2025)	Students (Upto PhD Level)	Postdoc/Research Scholars	STAFF/Faculty	Industry Professionals
Indian Participants	INR-999.00	INR-1199.00	INR-1499.00	INR-1999.00
International Participants	USD 20.00	USD 25.00	USD 35.00	USD 45.00

### PAYMENT METHODS

#### SCAN QR CODE



centreofbioinformaticsresearch@cnrb

#### UPI ID



#### PAYPAL ID



[PayPal.Me/cbirt1](https://www.paypal.com/india/mc/birt1)

#### 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)



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