



**HANDS-ON TRAINING**

# **MACHINE LEARNING IN BIOINFORMATICS**

*Deep Dive into Machine Learning for Biological Big Data Analysis*



**7 Days | 20 March to 28 March 2025**  
**Registration Closes: 19 March 2025**  
**7.00 PM - 8:30 PM (IST)**

Machine learning is becoming increasingly important in bioinformatics. This hands-on training will cover fundamental concepts, data preprocessing, model building, and evaluation. Designed for researchers and professionals, this workshop will equip you with the skills to apply machine learning algorithms to solve complex bioinformatics problems and derive meaningful insights from biological big data.

## **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.



**SCAN HERE!**

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

## **Topics**

- Introduction to Machine Learning
- Data Collection and Preprocessing
- Feature Extraction with R and Python Script
- Classification of Proteins Using Machine Learning Algorithms
- Cross-Validation for Better Model Evaluation
- Model Evaluation
- Model Interpretation

## **Program Benefits**

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

## **Training Mode**

Online

## **Course Instructors**

- Dr. Nadia, Trainer & Course Co-Coordinator, CBIRT
- Dr. Tamanna Anwar, Training Organizer & CoFounder, CBIRT







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## **Training Registration**

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.

**REGISTER NOW**



Scan the QR Code for the Registration Form

### **Registration Process**



**STUDENTS**

**INR-2000**



**POSTDOC/STAFF/FACULTY**

**INR-2500**



**INDUSTRY PROFESSIONALS**

**INR-3000**



**INTERNATIONAL ALL**

**USD 40**

### **Payment Methods**

**SCAN QR CODE**



[centreofbioinformaticsresearch@cnrb](mailto:centreofbioinformaticsresearch@cnrb)

**UPI ID**



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**PAYPAL ID**



**ONLINE TRANSFER**

Account No. - 120023770387  
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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)

**MORE INFORMATION**

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