



**CATR**  
Centre for Advanced Training and Research  
Govt. Registered, and ISO-IAF Certified



# BIOINFORMATICS

**Hands-On Training, Internship & Dissertation Program**

**Winter Training | Project Work | Dissertation | Research Internship**

**15 Days | 1 Month | 3 Months | 4 Months | 6 Months & Extended**

**Online (Live Interactive Sessions) & Offline (Lab / Center Based)**

- Hands-On Research & Project-Based Learning
- Real-Time Bioinformatics Tools & Databases
- Research Paper Publication Support (minimum 3 months training required)
- Job & Placement Assistance
- Project / Internship / Dissertation Certificate (Hard Copy)
- Mentorship by Experienced Scientists & Professors
- Live Training + Recorded Resources (For online participants)

- ✓ Research Paper Guidance & Publication Support
- ✓ One-to-One Mentoring Sessions
- ✓ Complete Project Documentation & Thesis Support
- ✓ Career Guidance & Job Assistance



**REGISTER NOW**

**Contact Us**



+91-8887565470



director@catredu.com



www.catredu.com

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## Broad Research Domains in Bioinformatics (Projects & Dissertations)

- Basic to Advance Bioinformatics
- Genomics & Functional Genomics
- Transcriptomics & Differential Gene Expression Analysis
- Proteomics & Protein Structure Analysis
- Structural Bioinformatics & Molecular Modeling
- Virtual Screening, Drug Discovery & Drug Repurposing
- Molecular Docking & Molecular dynamics Simulation
- Enzymo, chemoinformatics, Systems Biology & Network Biology
- Pathway & Enrichment Analysis
- Disease Bioinformatics (Cancer, neurodegenerative, Cardiovascular Diseases, Viral, Genetic & Metabolic Disorders)
- NGS Data Analysis (RNA-Seq, Variant Analysis)
- AI & Machine Learning Applications in Bioinformatics
- Microbial & Metagenomics Analysis
- Precision & Personalized Medicine
- R Programming & Python

**\* Project topics will be customized based on student level: BSc, MSc, MTech., PhD**



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## Who Can Apply?

- ✓ Life Science/Biotechnology/Pharmacy/Bioinformatics Students
- ✓ BSc | MSc | MTech | BPharm | MPharm | PhD Scholars
- ✓ Researchers & Working Professionals
- ✓ Anyone interested in Computational Biology & Drug Discovery

## Why Choose Us?

- ✓ Government Registered Organization
- ✓ ISO-IAF Certified Training & Certification
- ✓ Recognized & Career-Oriented Project Certification
- ✓ Industry & Research-Oriented Curriculum
- ✓ Learn from Experienced Scientists & Professors
- ✓ Hands-on Training with Tools Used in Real Research Labs & Pharma Companies
- ✓ Strong Foundation for PhD, Industry Jobs & Research Careers

## Fee Structure

**Online Mode:**

**15D ₹3000 | 1M ₹5500 | 3M ₹16000 | 4M ₹21,000 | 6M ₹31,000**

**Offline Mode:**

**15D ₹4000 | 1M ₹6500 | 3M ₹19,500 | 4M ₹26,000 | 6M ₹39,000**

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