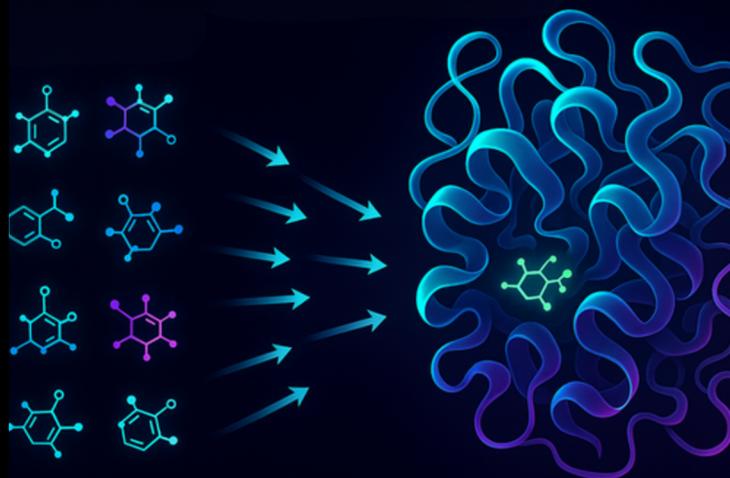


MOLECULAR DOCKING & VIRTUAL SCREENING

for
Drug Discovery



8 Days | 6-15 Apr. 2026
Registration Closes: 5 Apr. 2026
6:00 - 7:00 PM (IST) | Monday to Friday

This comprehensive training covers computational drug discovery through molecular docking. Participants will learn protein and ligand preparation, implement docking protocols, perform virtual screening of compound libraries, and analyze results effectively. The course provides hands-on experience in complete molecular docking workflows, equipping learners with practical skills to identify potential drug candidates and conduct end-to-end docking projects in modern drug discovery.

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 Drug Discovery & Molecular Docking | **Tool: ChimeraX**
- ✓ Protein Structure Preparation & Analysis | **Tools: RCSB PDB/ISDA, CASTp, ProLif, ChimeraX, Alphafold**
- ✓ Ligand Preparation & Database Management | **Tools: ChEMBL, PubChem, RDKit, SwissADME, Python-Jupyter**
- ✓ Molecular Docking Implementation | **Tools: AutoDock Vina, AutoDock4, Dock6**
- ✓ Virtual Screening Workflows | **Tools: AutoDock Vina, ZINC database, ChEMBL**
- ✓ Docking Results Analysis & Visualization | **Tools: ChimeraX, ProLif, LigPlot+, RdKit, Python-Jupyter**

Program Benefits

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

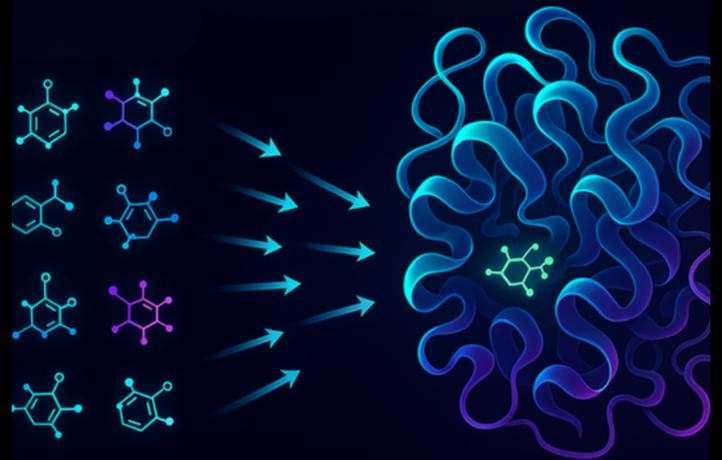
Course Instructors

- Dr. Ajitha Antony - Bioinformatics Trainer, CBIRT
- Dr. Tamanna Anwar, Organizer & Founder, CBIRT

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Registration Process

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 **PH.D**
 INR-2000 INR-2500



POSTDOC/RESEARCH SCHOLARS

INR-2750



STAFF/FACULTY

INR-3000



INDUSTRY PROFESSIONALS

INR-3500



INTERNATIONAL PARTICIPANTS

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

STUDENTS	POSTDOC/ RESEARCH SCHOLARS	STAFF/FACULTY	INDUSTRY PROFESSIONALS
Upto Masters PH.D USD 40 USD 45	USD 50	USD 60	USD 65

Payment Methods

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