

Workshop on
Protein Structure
Prediction and
Computer-aided
Drug Designing

July 24-25, 2015



**Centre of Excellence in Bioinformatics
Bioinformatics Infrastructure Facility
Department of Biochemistry
University of Lucknow
Lucknow-226007**

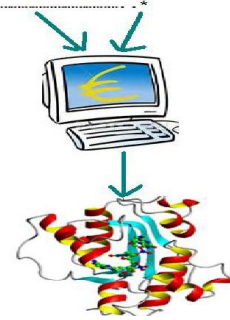
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PEEHGIVTNWDDMEKINHHHTFYNELRVAPPEEHFVLLTEAPL
LSLYASGKTTGIVLDSGGVSHFVPLXEGYALPHALLKLDL



IMPORTANT DATES

**Registration Begins
June 23, 2015
Registration Closes
July 23, 2015
Workshop Dates
July 24-25, 2015**

COURSE CONTENT

- **Protein Structure Prediction**
- **Post Structural Analysis**
- **Molecular Docking Analysis**
- **Target and Ligand Interaction Analysis**
- **QSAR and Pharmacophore Analysis**

Venue

**Centre of Excellence in
Bioinformatics (COEBI)
Bioinformatics Infrastructure
Facility (BIF)
Department of Biochemistry
University of Lucknow
Lucknow-226007
Uttar Pradesh, India**

Centre of Excellence in Bioinformatics

The Center of Excellence in Bioinformatics (Funded by Department of Higher Education, Government of U.P.) & the Bioinformatics Infrastructure Facility (BIF), setup under the Biotechnology Information System Network (BTIS) program (funded by Department of Biotechnology (DBT), Government of India, New Delhi) at the Department of Biochemistry, University of Lucknow, are well equipped with various hardwares & softwares, (Servers for Database Application, Desktops, Work Stations and high speed Internet Connection, Exome Horizon, MATLAB, Discovery Studio, DNA STAR, Sybyl etc.). In order to popularize the applications of Bioinformatics among Teachers / Scientists / Research Scholars / Students, center has been organizing training programs and conducting Seminars / Workshops on a regular basis. In addition, center is actively involved in conducting research on Computational Biology, Molecular Modeling & Dynamics Simulations, Database Development, Comparative Genomics and Proteomics.



About Workshop

Date	July 24-25, 2015
Duration	2 days
Subject of area	Computational and Structural Bioinformatics
Methodology	Lectures, Demos with Hands on session
Level of participants	Faculty, Research Scholars and Students from various colleges, universities and research organizations
Prerequisites	Minimum skill in operation of computer
No. of participants	25
Registration fee From India	Rs 1500/- (Without Accommodation)

Accommodation in the University guest house/hostels can be made available only on request in advance on first come first serve basis. Extra payment has to be done for this.

Procedure for selection

- **Submission of CV before deadline, only via E-mail.**
- **Short-listing of applicants.**
- **Fee submission before given deadline.**
- **Selection will be based on first come first serve basis.**
- **All communications will be done only via E-mail.**

Registration Form

Name	
Date of Birth	
Designation	
Department and Institution	
Address	
Educational Qualification (attach CV along with a passport size photo)	
Phone/Mobile no.	
Email	
Accommodation required: Yes / No	
Mode of Payment	
<ul style="list-style-type: none"> • Cash • DD 	
DD No.	DD Date
Applicant Signature	
Signature of Research supervisor/ Project coordinator/ Head of the Department/ Head of institution	

OBJECTIVE - The objective of the training program is to give exposure to the participants to concepts, skills and tools of bioinformatics and to provide hands on training on various bioinformatics approaches such as protein structure prediction, target-ligand interaction analyses and basics of computer-aided drug designing (only demonstration of QSAR and pharmacophore) through online as well as offline tools and softwares.