



Workshop on
Computer Aided Drug Designing
&
Structure Activity Relationship
Modeling
March 11-13, 2019

Organized by

Institute for Development of Advanced Computing

ONGC- Centre for Advanced Studies

In collaboration with

Centre of Excellence in Bioinformatics

Bioinformatics Infrastructure Facility

University of Lucknow

Lucknow-226007

Course Content

Basic Bioinformatics

- ♦ **Chemical structure drawing**
- ♦ **Structure optimization**
- ♦ **Target identification**
- ♦ **Binding site estimation**

**Computer Aided Drug De-
signing**

- ♦ **Protein homology modelling**
- ♦ **Post Structural Analysis**
- ♦ **Molecular Docking Analysis**
- ♦ **Target and Ligand Interaction Analyses**

SAR Modeling

- ♦ **Virtual Screening**
- ♦ **Lead identification & optimization**
- ♦ **Advanced Techniques**

Registration Begins

February 5th, 2019

Registration Closes

March 9th, 2019

Workshop Date

March 11-13, 2019

Contact

Prof. U. N. Dwivedi

In-charge

IDAC

ONGC Centre for Advanced Studies
University of Lucknow

Lucknow-226007

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Objective of the workshop

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 basics of sequence analysis, phylogenetic analysis, Structure activity relationship, protein structure prediction, target-ligand interaction analyses and basics of computer-aided drug designing through various online as well as offline tools and software.

Date	March 11– 13, 2019
Duration	3 days
Subject of area	CADD, QSAR
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	30
Registration fee	Rs 3000/-

Procedure for selection

- **Submission of CV before deadline via E-mail**
- **Fee submission before deadline**
- **All selection will be done on first come first serve basis**
- **Communication via Email Only**

Registration Form

Name

Date of Birth

Department and Institution

Address

Educational Classification

Phone/ Mobile

E-Mail

Mode of Payment:

DD No.

DD Date

Applicant's Signature

Signature of Supervisor/ Head of Department/ Project Coordinator