# Workshop on

# Basic Bioinformatics Tools and

# Techniques

## March 21-22, 2017

### Bioinformatics Infrastructure Facility

### Centre of Excellence in Bioinformatics

### Department of Biochemistry

### University of Lucknow

### Lucknow-226007

## Registration Begins

**February 1, 2017**

## Registration Closes

**March 15, 2017**

## Workshop Date

**March 21-22, 2017**

## Contact

**Prof. U. N. Dwivedi**

**Coordinator**
**Bioinformatics Infrastructure Facility**
**Centre of Excellence in Bioinformatics**
**Department of Biochemistry**
**University of Lucknow**
**Lucknow-226007**
**Phone: 0522-2740132**
**Email: bif.events@gmail.com**

## Course Content

- **Introduction to bioinformatics**
- **Biological Databases**
- **Sequence Analyses**
- **Phylogenetic Analyses**
- **Homology Modeling**
- **Post Structural Analyses**
- **Molecular Docking**

## Venue

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

## 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, computer-aided drug designing, molecular modeling, protein-ligand interaction analyses and molecular dynamics simulation analyses through online as well as offline tools and software.

| Date | March 21-22, 2017 |
|---|---|
| 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 | Rs 2000/- |

### 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

## Registration Form

| Name | |
|---|---|
| Date of Birth | |
| Department and Institution | |
| Address | |
| Educational Classification | |
| Phone/ Mobile | |
| E-Mail | |
| Mode of Payment • DD | |
| DD No.     DD Date | |
| Applicant's Signature | |
| Signature of Supervisor/ Head of Department/ Project Coordinator | |