Workshop on

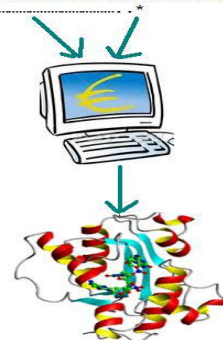# *Basic Bioinformatics Tools and Techniques*

November 21-22, 2014

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

Contact

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IMPORTANT DATES

Registration Begins
October 18, 2014
Registration Closes
November 17, 2014
Workshop Dates
November 21-22, 2014

COURSE CONTENT

- Sequence Analysis
- Phylogenetic Analysis
- Primer Designing
- Protein Structure Prediction
- Post Structural Analysis
- Associated Bioinformatics Tools

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

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) & the Center of Excellence in Bioinformatics (Funded by Department of Higher Education, Government of U.P.) 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.

Date	November 21-22, 2014
Duration	2 days
Subject of area	Basic Bioinformatics Tools & Techniques
Methodology	Lectures, Demos, Hands on session.
Level of participants	Faculty, Research Scholars and Students from College, Universities and research organizations.
Prerequisites	Minimum skill in operation of computer.
No. of participants	20
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.**

Name

Date of Birth

Designation

Department and Institution

Address

Education Qualification (attach CV along with a passport size photograph)

Phone/Mobile no.

Email

Accommodation required: Yes / No

Mode of Payment

☐ Cash

☐ DD

DD No.	DD Date

Applicant Signature

Signature of Research supervisor/ Project coordinator/ Head of the Department/ Head of institution

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OBJECTIVE - **The objective of training program is to provide exposure as well hands on training to those who are unacquainted but enthusiastic to learn the basics of Bioinformatics. Such participants are encouraged to apply. Participants will be exposed to the basic concepts, skills and tools of sequence analysis, phylogenetic analysis, primer designing and protein structure prediction, through online as well as offline tools and softwares.**