



# BIRLA INSTITUTE OF SCIENTIFIC RESEARCH

Statue Circle, Jaipur

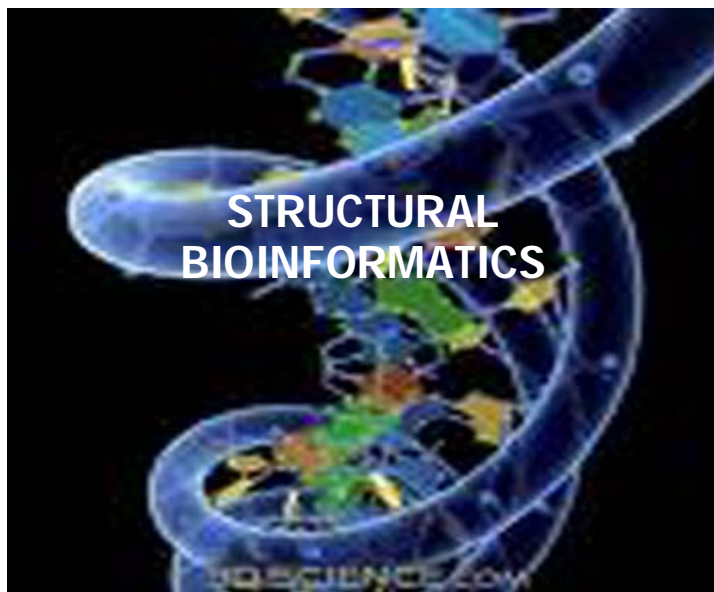
**Announces**

## Three-Day Workshop

On

## "Structural Bioinformatics"

10 — 12<sup>th</sup> January 2014



### Who can apply?

The participants of the course may be students, research scholars, and Faculty member and industry personnel with background in Life Sciences and/or Information Technology.

### How to apply?

Interested candidates may apply by sending filled application form along with the DD of Rs 2000/- in favor of "**The Birla Institute of Scientific Research**" payable at Jaipur latest by 1<sup>st</sup> January, **2014** to the Convener, Bioinformatics Workshop, Birla Institute of Scientific Research, Statue Circle, Jaipur-302001. List of selected participants will be displayed on the website.

### Application Form

Application form can be downloaded from the institute's website at <http://www.bisr.res.in>

### Further Information

Email: [workshop.bisr@gmail.com](mailto:workshop.bisr@gmail.com)

Phone: +91-141-2385094

### Topics Covered

- Introduction to Structural Bioinformatics
- Protein Structure Basics
- Structure Databases & Libraries
- Database Searching Techniques
- Building and Sketching Molecules
- Bio-molecular Visualization & Analysis
- Protein Structure Prediction
- Homology Modeling of Proteins
- RNA Structure Prediction
- Molecular Docking
- Computer Aided Drug Designing

**Last Date**  
**1 January 2014**