



BIRLA INSTITUTE OF SCIENTIFIC RESEARCH

Statue Circle, Jaipur

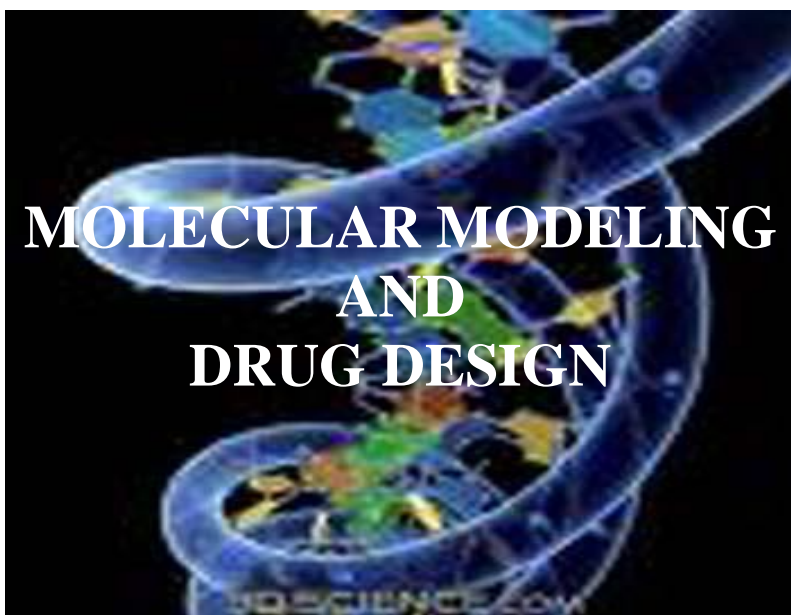
Announces

Three-Day Workshop

on

"MOLECULAR MODELING AND DRUG DESIGN"

14 — 16 December 2012



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 **November 30, 2012** 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

Topics Covered

- Introduction to Molecular Modeling
- Proteins: Structure & Properties
- Molecular Databases
- Sketching and Building Biomolecules
- Protein Structure Prediction
- Homology Modeling of Proteins
- Protein Threading (Fold Recognition)
- *Ab-Initio* Modeling method
- Molecular Docking Techniques
- Computer Aided Drug Designing
- Virtual Screening and Lead Optimization

Last Date
30 November 2012