



Design Innovation Center (DIC)

Center for Converging Technologies
University of Rajasthan, Jaipur

Workshop on Capabilities of Molecular Modeling Tools for Applications in Drug Discovery and Materials Science

Date – Tuesday, 10-01-2017

Time - 11:30 AM – 2:30 PM

Venue - Center for Converging Technologies
University of Rajasthan, Jaipur

Topics:

- 1. Recent advances in computational drug discovery.**
- 2. How molecular simulations solve real life problems?**
- 3. Hands-on demonstration of user-friendly interface for simulations.**

Resource persons – 1. Dr. Raghu Rangaswamy; Bangalore
2. Dr. Sudharsan Pandiyan; Bangalore

Aim of the Workshop

Workshop is aimed to let the participants have a hands-on experience of Computational Tools available for drug designing, small molecule drug discovery and chemical simulation for structure-property relationships to determine performance of new materials and processes by demonstration of Life Sciences/ Small Molecule Drug Discovery Suite (a comprehensive suite to accelerate lead discovery and lead optimization) and Material Science Suite (an Integrated solution for atomic-scale simulation of chemical systems) incorporated in Schrödinger Software.

Who can participate

Workshop is open to academicians, researchers, students interested in getting acquainted with the capabilities of Computational Tools for Molecular Modeling and want to make career in research and development in the areas of drug designing or new materials and processes with specific properties.

Registration (free) – on the spot, by 11:00 AM, 10-01-2017
(interested participants may contact for confirmation at 0141-2700370; 08764241227)

Prof. Deepak Bhatnagar – Director, CCT
Dr. Neelima Gupta – Course Coordinator(CADD)

Prof. Kailash Agrawal – Coordinator, DIC
Dr. M. Krishna Mohan (BISR)