





RESOURCE PERSONS



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National Workshop in Cheminformatics

"In Silico Crafts Innovations"

Organized by

**Bioinformatics
Infrastructure Facility (BIF)**

Dec 6-8, 2016

Venue
Department of Biotechnology, University of Calicut



Sponsored by DBT, Govt. of India

BIF, Department of Biotechnology, University of Calicut

The Department of Biotechnology, University of Calicut established the BIF, Bioinformatics Infrastructure Facility, in the year 2007-08 with the financial support from DBT, Ministry of Science & Technology, Govt. of India. The centre has been functioning successfully since its inception with optimal utilization of its facilities. The department has gained a good reputation as a major centre for studies and research, and also is actively engaged in the Biotechnology based programmes for society under projects funded by the DBT, Govt. of India.



This workshop provides a hands-on *in silico* experience in cheminformatics, molecular modeling and molecular interactions. The main application of this programme is to understand the basic concepts of Computer Aided Drug Design (CADD). The fact that biological data is advancing at an exponential rate, necessitates development of convincing techniques for organised storage and retrieval of information and making new inferences to broaden the bio-wisdom at a better pace.

ABOUT THE WORKSHOP

Schedule

Day 1 6/12/16

Cheminformatics - A Modern Outlook

1. Registration (9-10 am)
2. Inaugural Function (10-11 am)
3. Tea break (11.00-11.20 am)
4. Session I (11.20-1.00 pm)
5. Lunch (1.00-2.00 pm)
6. Session II (2.00-5.00 pm)

Day 2 7/12/16

Molecular Docking

1. Session I (10.00-1.00 pm)
2. Lunch (1.00-2.00 pm)
3. Session II (2.00-5.00 pm)



Day 3 8/12/16

Small Molecule/ Molecular Modeling

1. Session I (10.00-1.00 pm)
2. Lunch (1.00-2.00 pm)
3. Session II (2.00-4.00 pm)
4. Validictory Function (4.00-5.00 pm)

Target Group

Academicians/Ph.D. & M.Phil. scholars/Post Graduate students who are interested in the field of cheminformatics, molecular modeling and molecular interactions.

Registration Details

Advance registration is required for participation. The maximum number of participants for 'Hands-on training' would be 20 nos; the participants must be authorized by their parent institution/department. A scanned copy of filled-in registration form (attached) may be e-mailed to bifuoc@gmail.com on or before November 30, 2016.

Registration Fee: *Rs. 750/- to be paid on confirmation

Please note : Applicants from related research fields are most encouraged

Note: Accommodation will be arranged at extra cost on prior request

** lunch and refreshments will be provided*