

Lecture Workshop on Excitements in Computational Physical and Bio-Sciences

sponsored by
Indian Academy of Sciences, Bangalore

in collaboration with
International Institute of Information Technology, Hyderabad

12–17 June 2006 at IIIT, Hyderabad

Biology today, in the post-genomic era, occupies the forefront in a multitude of recent scientific and technological developments. With biology interfacing with almost all walks of life, a typical bio-related R&D environment today has an interface with skills in diverse areas of mathematics and statistics, physical sciences, engineering and computational sciences. Research in the area of computational natural sciences is thus an exciting and rapidly emerging career option for science graduates who have an aptitude for mathematics and computations. This Workshop will consist of interactive lectures, hands-on problem-solving, and interactive feedback sessions and will be a guided tour through the frontiers of scientific research involving physics, chemistry, biology and computers.

Professors D Balasubramanian (LVPEI, Hyderabad), R. Ramaswamy (JNU, New Delhi), Ashok Mallik (IIT, Kanpur), R Gadagkar (IISc, Bangalore), Indira Ghosh and Shridhar R Gadre (of Pune University), H A Nagarajaram and Shekhar C. Mande (of CDFD, Hyderabad), Rahul Siddharthan (IMS, Hyderabad), Rajgopal Srinivasan (TCS, Hyderabad), B. Jayaram (IIT, Delhi), Ramesh Hariharan (Strand Life Sciences), Amitabh Joshi (JNCASR, Bangalore), Ashesh Prosad Mitra (NPL, New Delhi), Prasad V. Bharatam (NIPER, Punjab) will be the resource persons for this course.

Interested candidates should send in their application on plain paper along with their curriculum vitae, date of birth, qualifications, two letters of references and a statement of purpose (approx. 500 words) describing your research interest. Students currently in their second/third year of B.Sc. with Honours (Major) in Physics/Chemistry may write to:

The Workshop Coordinator, BIRC
International Institute of Information Technology
Gachibowli, Hyderabad 500 032

Phone: 91-40-2300 1967, 1969, website: <http://bioinformatics.iiit.ac.in>

Selected participants (up to 30) will be provided local hospitality and round trip train fare to Hyderabad (three tier AC) by the shortest route.

Last date for receipt of applications: 8 April 2006. The short listed applicants will be notified about their selection latest by 30 April 2006.