



3-days workshop on **B**ioinformatics Applications for Biologists

30th May – 1st June, 2016. 10:00 A.M.- 5:00 P.M.

Inaugurated by: Dr. Shanta Dutta, Director In-charge, NICED

About the workshop –

The aim of this workshop is to provide the experimental biologists an overview of different tools and techniques used for biological sequence and macromolecular structure analysis. The specific purpose is to make the **research fellows and faculties** from the experimental laboratories more equipped to handle their own data using various computational tools freely available on the web.

Tea and light snacks will be provided to the participants during the workshop. We can accommodate 20 participants at the maximum and selection will be done on first come first serve basis. The participants must confirm their presence throughout the entire duration of the workshop. **Registration will be closed at 12 noon on 27th May, 2016.**

Interested applicants should send their names through the respective supervisors before the said deadline to the Coordinator, BIC, NICED (bic_niced@icmr.org.in). Please mention "Application for attending Bioinformatics workshop" as the subject of the email. The shortlisted candidates will be informed by email before the end of the day.

Workshop topics

- Sequence submission and retrieval
- Protein structure prediction & molecular docking
- Sequence similarity searching (Advanced BLAST)
- Primer designing
- Phylogenetic analysis

Inauguration: 30th May, 10 a.m.

Inaugural talk:

Biological Databases and their applications

Presented by: Dr. Surajit Basak

Course Faculties

Dr. Surajit Basak

Assistant Professor
Tripura University

Mr. Rahul S. Mandal

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Organized by



Biomedical Informatics Center

National Institute of Cholera and Enteric Diseases

Indian Council of Medical Research