



Training course in 'user-end bioinformatics' (20 May–19 June 2009)



The bioinformatics resources are increasing in number and diversity. Even the fundamental aspects of research methodology have numerous options. For example, one has to now choose among several primer designing programs, multiple sequence alignment tools, more than 15 gene expression databases, 20+ literature search engines and about 100 resources for protein–protein interaction identifications! IBAB, in association with 'Shodhaka', is offering a specially designed program for life science students and young professionals in the proper use of several fundamental bioinformatics tools and databases through demonstrations and hands-on sessions in different areas, including **primer designing, sequence analysis, gene expression calls and identification of molecular interactions.**

Other courses

- (1) An introductory session in biotechnology and bioinformatics for non-life science professionals/students – **31 May 2009.**
- (2) Career planning for life science graduates/post-graduates – **6 and 7 June 2009.**

Courses will be conducted in the new campus of IBAB (Biotech Park, Electronic city)

For details, please visit: www.ibab.ac.in or write to: shodhaka@ibab.ac.in

RESEARCH ASSOCIATE (RA) AND JUNIOR RESEARCH FELLOW (JRF) FOR IACS-BARC INITIATIVE FOR RESEARCH IN QUANTUM STRUCTURES AT INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE JADAVPUR, KOLKATA 700 032

Applications are invited in plain papers containing full CV for one RA and one JRF positions in the Project entitled '**IACS-BARC initiative for research in quantum structures**', under Prof. B. N. Dev and Prof. G. P. Das, Department of Materials Science, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700 032.

The tenure for the RA position is initially for one year, extendable to two (1 + 1) more years on satisfactory performance. The JRF will be promoted to SRF position after 2 years, on satisfying the required criteria of the project. A part of the research work under the project is expected to be carried out in BARC.

Research Associate I/II (Department of Materials Science)

Essential qualifications: Candidates should have a Ph.D. in Condensed Matter Physics/Materials Science. Experience in one or more of the following areas is desirable: physical vapour deposition, ultrahigh vacuum techniques, SQUID magnetometry, magneto-optic Kerr effect. A fresh Ph.D. will be placed in the grade RA-I, while a candidate with a minimum of two years of post-doctoral experience will be placed in the grade RA-II.

Fellowship: RA-I: Rs 16,000 pm plus HRA as per rule
RA-II: Rs 18,000 pm plus HRA as per rule

Junior Research Fellow (Department of Materials Science)

Essential qualifications: (a) Candidates should have a first or high second class M.Sc. Degree in Physics, with a minimum of 55% marks in B.Sc. (Hons) and in M.Sc., and a good overall academic record; (b) Candidates must qualify NET/GATE examination. Those who are awaiting M.Sc. result but have qualified in NET/GATE examination may also apply.

Fellowship: Rs 12,000 pm plus HRA, as per the rule.

Applications with full CV should reach the **Dean's Office**, IACS, Jadavpur, Kolkata 700 032 (e-mail: drgrtr@iacs.res.in or deanoff@iacs.res.in) within two weeks from the date of this advertisement. The subject line of e-mail applications should be marked as 'Application for IBIQUS'.