Bhabha Atomic Research Centre

Invitation to CSIR/NET/UGS Qualified Students
to take research in frontier areas of physics at BARC

Bhabha Atomic Research Centre has active research programmes in various areas of experimental and theoretical physics which can be pursued in any of the following Divisions:

High Pressure Physics Division
Laser and Plasma Technology Division
Seismology Division
Spectroscopy Division
Solid State Physics Division
Accelerator and Pulse Power Division
Nuclear Physics Division
Technical Physics and Prototype Engg. Division
Nuclear Research Laboratory and High Altitude Research Laboratory
Theoretical Physics Division

Some of the research areas where bright and motivated students want to pursue their further studies are: Basic condensed matter physics at ambient and high pressure conditions, neutron diffraction and scattering and crystal structure of macromolecules by X-ray diffraction, applied physics involving development of state of the art instruments, experimental nuclear physics using 14 UD Pelletron and folded tandem ion accelerator (FOTIAR), X-ray astronomy and astrophysics, reactor physics, material physics and industrial application of accelerators. A few openings for research exist for programme leading to Ph.D. degree. Qualified students may send their applications along with their brief bio data and field of interest to Head, High Pressure Physics Division, Bhabha Atomic Research Centre, Mumbai 400 085 latest by 1st March 2001. Short listed candidates will be required to appear for interview at BARC at the end of March 2001. No TA/DA will be admissible for this purpose. Applications may also be sent by e-mail: bkgodwal@magnum.barc.ernet.in

ASHOKA TRUST FOR RESEARCH IN ECOLOGY AND THE ENVIRONMENT

Seeks candidates for 2 positions

1. Program Associate (Database Management): The applicant is expected to manage a large database related to ongoing long-term research on integrated forest management in the Biligiri Rangan Hills. Responsibilities include creating and setting up the database, archiving data, and assisting with the design of experiments and with data analysis for publications. The applicant will be a part of an interdisciplinary research team, and will interact with biologist, social scientists, and economists.

Qualifications: Experience with database (Access, Oracle, or FoxPro, etc.) and statistical software (Systat, or Statistica, etc.) is essential. A background in statistics is highly desirable.

2. Research Associate: The applicant is expected to participate in ongoing ecological research, and to supervise field data collection, as part of a project on integrated forest management in the Biligiri Rangan Hills.

Qualifications: An M.Sc. in Ecology, Botany, Forestry, or Biological Sciences. Exceptional candidates with a B.Sc. and 1 or 2 years of field experience may also be considered. A readiness to spend extended periods of time at the field station in the Biligiri Rangan Hills is essential. A knowledge of Kannada is desirable.

ATREE is a young, dynamic organization that combines principles of ecology and economics to undertake and promote scientific, educational, and development activities that advance the cause of biodiversity conservation and sustainable use of natural resources. For more information on ATREE please look at our website (www.atree.org).

To apply, send your CV including names of three references. Send all correspondence to:
Dr. Ankita Hiremath, ATREE, 659, 5th A Main Road, Hebbal, Bangalore 560 024
Phone: 80-3533942, Fax: 80-3530070, Email: hiremath@atree.org

Salary will be commensurate with qualifications and experience. Positions will be open until suitable candidates are found. Applicants must be Indian citizens.