

Department of Science and Technology  
Government of India

**NANOSCIENCE & TECHNOLOGY INITIATIVE**

**Proposals for Establishing Centres for Nanotechnology or  
Computational Materials Science**

A national programme titled 'Nanoscience and Technology Initiative (NSTI)' has been initiated by the Department of Science and Technology to promote the promising and potential areas of Nanoscience and Technology. Under this initiative proposals are invited from *institutions which feel competent to establish Centres for Nanotechnology or Computational Materials Science. The Nanotechnology Centres should be product or device oriented and are not intended for purely carrying out basic research.*

20 copies of the proposals including all the requirements may be sent through proper channel with endorsement from the head of the institution (format available at <http://serc-dst.org/endorsement.htm>) to Dr R. C. Srivastava, SERC Division, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi 110 016.

The envelope containing the proposals should be superscribed with: 'Nanoscience and Technology Initiative, Centre for Nanotechnology/Computational Materials Science – PROPOSAL'.

The last date of receiving the proposal is **15 August 2005**.

Government of India  
Bhabha Atomic Research Center  
Mumbai 400 085

Advt. No. BARC/SRS/SKD/JRF/01

Date: 04 July 2005

**REQUIRES**

- Post* : Junior Research Fellow  
*Number of vacancies* : One  
*Qualification* : M.Sc. in Physics with minimum 55% marks (equivalent GPA)  
*Preferable* : 1. NET/GATE 2. Experience in research in Condensed matter physics.  
*Pay* : Rs. 8000 p.m. + HRA as per rates prescribed by DST/CSIR.  
*Duration of the post* : Up to 31 August 2008  
*Age limit* : Below 26 years as on 1 August 2005  
*Nature of Appointment* : Purely on contract basis (temporary) – for project work  
*Project* : Indo–French project on 'Lattice dynamical and structural study of Be based II–VI semiconductor alloys at ambient and high-pressure' funded by the Indo-French center for promotion of Advanced Research/Centre-Franco-Indien pour la promotion de la Recherche Avancee. The work involves Raman, Brillouin, Inelastic X-ray and neutron scattering at ambient and high pressure. The work will be carried out at BARC, Mumbai and JNCASR, Bangalore.  
Scope for further studies : The candidate will be encouraged to register for Ph.D. with Mumbai University.

Qualified and interested candidates may apply on plain paper with passport size photo affixed on the Biodata and attested copies of certificates to prove qualifications, age, experience, etc. so as to reach Dr S. K. Deb, Synchrotron Radiation Section, BARC, Mumbai 400 085 on or before **22 August 2005**.