

S.N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES

Block JD, Sector III, Salt Lake, Kolkata 700 098

BOSE FELLOWSHIP

The Centre, a premier institution funded by the Department of Science and Technology, Government of India, which is engaged in research in chosen areas of advanced sciences, invites applications from exceptional young scientists (preferably below 32 years) who have shown evidence of independent research in challenging and emerging areas of basic sciences (theoretical and experimental) for appointment as S.N. Bose Fellow ('Bose Fellow'). This is a tenure track fellowship and is equivalent to a Faculty of the Centre in the rank of a Reader. On successful completion they are expected to be absorbed as a regular faculty of the Centre in a grade commensurate with their research performance.

The fellowship, tenable for a period of five years (with a review after 3 years for continuation) carries a monthly emolument amount of Rs 25,000 (consolidated). Young scientists with a Ph.D. in physical/chemical/mathematical sciences or related disciplines with a maximum of two years of post-doc experience at the time of application and a good record of publications in refereed journals (of high impact factor) are invited to apply with names and contact details of at least six possible referees. The application should be sent not later than **31 July 2007** to:

Dean (Faculty),

S.N. Bose National Centre for Basic Sciences
J.D. Block, Sector-III, Salt Lake
Kolkata 700 098, India

Amity Centre for Vacuum and Advanced Technologies

Amity University (UP), Noida 201 301, Uttar Pradesh, India

Application are invited for the following post in the **BRNS (Board of Research in Nuclear Sciences)** project undertaken by **Dr Piyush Dua**, Principal Investigator (PI) at Amity Centre for Vacuum and Advanced Technologies, Amity University (UP), Noida 201 301, Uttar Pradesh, India

Title of the project : Study of one and two dimensional nanostructures by using Density Functional Theory and Green's function methods.

Project duration : 3 years

Name of the post : Junior Research Fellow (JRF)

Qualifications : M.Sc. in **Physics/Material Science/Applied Science/B.Tech. Engineering Physics** with minimum 55% marks from a recognized university or equivalent and qualified in NET/SLET/GATE or equivalent.

In case NET/SLET/GATE qualified candidates are not available, then without NET/SLET/GATE qualified candidates may be considered, provided that the candidate intends to take the examination within 6 months.

Fellowship : Rs 8000/- (consolidated)

Application on plain paper, along with complete bio data, recent passport size photograph, self attested copies of all certificates and marksheets and two reference letters from academicians/researchers, should reach the PI on or before **25 July 2007** at the following address.

Dr Piyush Dua, Amity Centre for Vacuum and Advanced Technologies, Amity University (UP), Noida 201 301, Uttar Pradesh, India. E-mail: pdua@amity.edu

Note: No TA/DA is permissible for attending the interview.