

## RA/SRF/JRF Position Open

At

UP Council of Sugarcane Research, Shahjahanpur 242 001

UP Council of Sugarcane Research (UPCSR) at the Sugarcane Research Institute (SRI), Shahjahanpur, conducts research in Molecular Biology, Plant Tissue Culture, Genetic Transformation, Biological Control and Microbiology all related to sugarcane research. Conventional and molecular breeding, crop management technologies such as system and method of planting, cropping system, irrigational and manurial requirements, control of disease and pests and weed control, developed at this institute proved to be of great practical importance improving the sugarcane and sugar productivity in North India. Sugarcane Research Institute has well-equipped research laboratories, is supported by research grants from all Indian agencies and recognized by the C.S.J.M. University, Kalyanpur, Kanpur as a centre for Ph.D. degrees.

We now invite candidates with M.Sc. degree and consistently good academic record with CSIR/UGC/ICMR/GATE fellowships, to apply to us for consideration for joining us as Junior/Senior/RA particularly in the area of sugarcane biotechnology/tissue culture/microbiology/plant breeding and genetics.

Please apply along with CV, by e-mail to Director. U.P. Council of Sugarcane Research, Shahjahanpur at [upscr@sancharnet.in](mailto:upscr@sancharnet.in) before **30th November 2006**.



### S. N. BOSE NATIONAL CENTER FOR BASIC SCIENCES Block JD, Sector III, Salt Lake, Kolkata 700 098

Date: 22/11/2006

S. N. Bose National Centre for Basic Sciences, an autonomous institute under the Department of Science & Technology, Government of India invites applications from Indian nationals for the post of **Research Associate/Project Assistant** in the following project:

**Project Title: Microscopic modeling and Macroscopic Behaviour of Ligands intercalated to DNA**

**Description:** The project involves the calculations of ground state energies of ligands intercalating to DNA incorporating the detailed quantum mechanical effects. The results will be used to understand the macroscopic binding properties of such ligands. The latter will be compared with inhouse experimental data.

**Requirement:** The project will involve quantum mechanical calculations and computer simulation studies.

**Qualifications:** For Research Associate: A fresh Ph D who has submitted thesis, and is experienced in Quantum Chemistry calculations and/or computer simulations.

**For Project Assistant:** Master's degree in Biophysics or Physical Chemistry.

**Salary: For Research Associate:** Rs 12,000 (consolidated) per month + HRA as per rules

**For Project Assistant:** Rs 10,000 (consolidated) per month + HRA as per rules.

These are likely to be revised soon.

**Period of Appointment: For Research Associate:** Initially for a period of one year, with the possibility of extension of another one year.

**For Project Assistant:** Initially for a period of two years, with the possibility of extension of another one year.

The Project Assistant position may be converted at a later stage to a Ph D programme if the candidate can clear the regular PhD interview held by SNBNCBS.

Interested candidates may apply with complete bio-data and two letters of reference to Prof. A. K. Raychaudhuri ([arup@bose.res.in](mailto:arup@bose.res.in))/Dr T. Saha-Dasgupta ([tanusri@bose.res.in](mailto:tanusri@bose.res.in))/Dr Jaydeb Chakrabarty ([jaydeb@bose.res.in](mailto:jaydeb@bose.res.in)) within 1 month of the date mentioned above. The subject line may be inscribed with the words '**Application for Research Assistant/Project Assistant**'. Applications by email are acceptable.