



Saha Institute of Nuclear Physics

(Aided Institute under Department of Atomic Energy, Government of India)
Sector-1, Block-AF, Bidhannagar, Kolkata 700 064

Junior Research Fellowship in Physics and Biophysical Sciences (2003–2004 Session)

Applications are invited for Junior Research Fellowship at the Saha Institute of Nuclear Physics. The Institute carries out research in many frontline areas of Physics and Biophysical Sciences such as:

(a) **Physics:** ♦ Atomic Physics ♦ Condensed Matter Physics ♦ High Energy Physics ♦ Microelectronics ♦ Molecular Physics ♦ Nuclear Physics ♦ Plasma Physics ♦ Surface Physics (all experimental and theoretical) and ♦ General Mathematical Physics.

(b) **Biophysical Sciences:** ♦ Cell Biology ♦ Genetic Toxicology ♦ Macromolecular Crystallography ♦ Membrane Biophysics ♦ Molecular Genetics ♦ Nuclear and Radiochemistry ♦ Photochemistry ♦ Radiation Chemistry and Biology ♦ Structural Biology and Biomolecular Spectroscopy ♦ Ultrastructural Research.

Eligibility: (a) *Physics:* Master's degree in Physics OR in Applied Mathematics/Engineering Sciences (with a sound background in Physics).

(b) *Biophysical Sciences:* Master's degree in Biochemistry/Biophysics/Biotechnology/Chemistry/Crystallography (all with Mathematics/Physics at the B.Sc. level)/Physics.

Candidates currently appearing in their final examinations for the above degrees may also apply.

Admission test: Admission will be on the basis of academic records and performance in the admission test consisting of a written examination and an interview which will be held on 27 May 2003, for Physics and in early June 2003 for Biophysical Sciences. The session is to commence in August 2003.

Travel Allowance: Candidates called for the admission test will be reimbursed return second class railway fare from their normal place of residence and will be paid DA as per the rules of the Institute.

The First year of the Fellowship: Selected students have to successfully complete a one-year course, the Post M.Sc. Associateship Course, prior to pursuing doctoral research at the Institute.

Fellowship and Hostel Accommodation: The fellowship is Rs 8000/- pm and a fixed book grant of Rs 3000/- per annum. Limited hostel accommodation will be available. Medical benefits and HRA as per rules will also be admissible.

How to apply: Application forms will be available from the Establishment Section between 11.00 am to 5.30 pm (Monday–Friday) from 17 February 2003. To obtain application forms by post, please send a self-addressed stamped envelope of value of Rs 5/- (25 cm × 11 cm) by 7 March 2003. Mention, on the top left corner of the envelope, the stream (Ph/Bio) in which you wish to apply. Completed application forms must reach the Establishment Section, SINP by 24 March 2003. However, electronic application is very much encouraged for which one can go to our website [<http://www.saha.ernet.in>], click onto the Ph.D. Programme and follow the appropriate links.

About 250 candidates will be called for taking the admission test scheduled to be held on 27 May 2003 for Physics and in early June for Biophysical Sciences and the letters to this effect will be despatched to them from the third week (for Physics) and last week (for Biophysical Sciences) of April 2003. Such a list with only the reference nos. may also be viewed at our website from the same day.

No. SINP/R/Advt./RF/1/2003

V. V. Mallikarjuna Rao
Registrar