

## 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 (2002–2003 Session)

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

**(a) Physics:** ■ Experimental & Theoretical Nuclear Physics ■ Theoretical High Energy Physics ■ General Theoretical Physics ■ Experimental & Theoretical Condensed Matter Physics ■ Surface Physics ■ Atomic & Molecular Physics ■ Electronic Sciences ■ Experimental & Theoretical Plasma Physics.

**(b) Biophysical Sciences:** ■ Structural Biology and Biomolecular Spectroscopy ■ Macromolecular Crystallography ■ Cell Biology and Ultrastructural Research ■ Molecular Genetics ■ Membrane Biophysics ■ Genetic Toxicology ■ Radiation Chemistry and Biology, etc.

**Eligibility:** **(a) Physics:** Master's degree in Physics OR in Applied Mathematics/Engineering Sciences/M.Tech. (with good background in Physics). **(b) Biophysical Sciences:** (i) Master's degree in Physics OR in Biophysics/Molecular Biology/Biotechnology/Crystallography/Chemistry/Biochemistry (with Mathematics OR Physics at the B.Sc. level).

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 around the last week of May 2002 for Physics, and in June 2002 for Biophysical Sciences. The session is to commence in August 2002.

**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 5400/- pm. Limited hostel accommodation will be available. Medical benefits & HRA as per rules will also be admissible.

**How to apply:** Application forms will be available from the Establishment Section between 11 am to 5 pm from 12 March 2002. To obtain application forms by post, please send a self-addressed stamped envelope of value Rs 6/- (25 cm × 11 cm) by 31 March 2002. 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 12 April 2002. However, electronic application is very much encouraged for which one can go to our website [<http://www.saha.ernet.in>] and follow the appropriate links.

About 250 candidates will be called for taking the admission test and the letters to this effect will be despatched to them from 22 April 2002. Such a list may also be viewed at our website from the same day.

No. SINP/R/Advt/RF/1/2002

V.V. Mallikarjuna Rao  
Registrar