



## 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 (2004–2005 session)*

Applications are invited for admission to the Post M.Sc./Junior Research Fellowship programme in (a) Physics and (b) Biophysical Sciences of the Institute. 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  Micro-electronics  Molecular Physics  Nuclear Physics  Plasma Physics  Surface Physics (all experimental & theoretical) and  General Mathematical Physics.

**(b) Biophysical Sciences:**  Bioinformatics and Molecular Modeling  Biomolecular Spectroscopy  Cell Biology  Genetic Toxicology  Macromolecular Crystallography  Molecular Biology and Genetics of diseases  Nanomaterials  Photochemistry  Radiochemistry and Radiation Chemistry  Structural Biology  Structural Genomics  Ultrastructural Research.

**Eligibility: (a) Physics:** Master's degree in Physics OR in Engineering Sciences/Applied Mathematics with a good background in Physics. **(b) Biophysical Sciences:** Master's Degree in Biochemistry/Biophysics/Biotechnology/Microbiology/Chemistry/Crystallography/Physics with any two of Physics/Chemistry/Mathematics at the Bachelor's degree level.

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

**Travel Allowance:** Candidates called for any 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 p.m. 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.

The application form is available from <http://www.saha.ernet.in> but in case of difficulty it may also be collected from the address given below, between 11.00 a.m. and 5.00 p.m. (Monday–Friday). To obtain application forms by post, please send a self-addressed stamped envelope of value Rs 5 (25 cm × 11 cm) before **22 March 2004**. Mention, on the top left corner of the envelope, the stream (Ph/Bio) in which you wish to apply. Applications should preferably be submitted electronically but may be sent by post to the Establishment Section, SINP, 1/AF, Bidhannagar, Kolkata 700 064 so as to reach us within **31 March 2004**.

No. SINP/R/Advt./RF/2/2004

V. V. Mallikarjuna Rao  
Registrar