



# SAHA INSTITUTE OF NUCLEAR PHYSICS

(Autonomous Research Institute under Department of Atomic Energy, Govt. of India)

Sector-I, Block – ‘AF’, Bidhan Nagar, Kolkata- 700064

Phone: 2337-5345-49 (5lines), Fax: 0091-33-2337-4637

## [ADVERTISEMENT FOR THE POSITION OF RESEARCH ASSOCIATES]

Saha Institute of Nuclear Physics, an autonomous institute under the auspices of the Dept. of Atomic Energy, GoI, invites applications on e-mail from candidates for temporary positions of Research Associates (RAs) in the various Divisions of the Institute.

**No. of Positions: 10**

**Essential Qualification:** Ph.D in Physical and Biophysical sciences.

Sl. No.	Name of Division	No. of Position	Desirable Qualification
1	High Energy Nuclear & Particle Physics Division and Nuclear Physics Division	4	Candidates with Ph.D degree in the field of Laser Spectroscopy, Atomic, Nuclear and High Energy Physics. Preference will be given to the candidates with experience in instrumentation and accelerator-based research.
2	Condensed Matter Physics Division and Surface Physics & Material Science Division	3	One position in Theoretical Condensed Matter Physics, primarily in the area of strongly correlated electron systems, many-body localization, quantum magnetic systems, spintronic materials, non-equilibrium statistical mechanics and statistical physics of biological and soft-matter systems.
			One position in Experimental Condensed Matter Physics, primarily in the area of magnetic thin films, 2D Van der Waals materials, topological materials, magnetic skyrmions, spintronic materials & devices, magnetoelectric materials and other novel magnetic materials.
			One position in Experimental Condensed Matter Physics/Surface Physics and Material Science division(s), primarily in the area of bulk and low-dimensional systems with expertise in sample synthesis and growth mechanism, single crystal growth, structure-property correlation, magnetism, magnetocaloric and magnetotransport properties, spectroscopic/microscopic/scattering techniques, etc

3	Theory Division	2	Candidates with specialization in any of the following areas: theoretical high energy physics, quantum field theory, quantum information, mathematical physics, nuclear astrophysics, string theory and gravity, and interface areas between these, are encouraged to apply. The applicant is expected to have significant research overlap with one or more of the faculty member(s) of the Theory Division. The applicant should have sufficient number of research publications in high quality scientific journals.
4	Biophysics & Structural Genomics Division	1	Fresh PhD with working experience in mass spectrometry.

**Age:** Maximum 35 years as on last date of receiving the application.

**Tenure:** The initial tenure of the selected RA will be (01) one year. After completion of the 1<sup>st</sup> year, the Institute, upon review of the academic performance, may consider extension for another year. In exceptional cases, the Institute may review academic performance and consider extension for another year, i.e. for the 3<sup>rd</sup> year. There will be no extension beyond the 3<sup>rd</sup> year.

**Associateship:** (a) Rs. 47, 000/- PM for RA-1+HRA  
(b) Rs. 49,000/- PM for RA-2+HRA

The Post Doctoral Fellows/RA may be fixed at one of the pay levels depending on qualifications and experience. The level at which a fellow will be placed will be decided by the interview committee/selection committee.

In addition the other admissible benefits are applicable.

**Procedure for Applying** Interested and eligible candidates should apply by email only to [vacancy.ra@saha.ac.in](mailto:vacancy.ra@saha.ac.in) with the subject matter 'APPLICATION FOR THE POSITION OF RA-2021'.

A copy of the same is to be forwarded to the choice of division as per list.

Sl. No.	Division	e-mail ID
1	High Energy Nuclear & Particle Physics Division and Nuclear Physics Division	<a href="mailto:henpp.ra@saha.ac.in">henpp.ra@saha.ac.in</a>
2	Condensed Matter Physics Division and Surface Physics & Material Science Division	<a href="mailto:cmp.office@saha.ac.in">cmp.office@saha.ac.in</a>
3	Theory Division	<a href="mailto:jobs.theory@saha.ac.in">jobs.theory@saha.ac.in</a>
4	Biophysics & Structural Genomics Division	<a href="mailto:vacancy.bsg@saha.ac.in">vacancy.bsg@saha.ac.in</a>

The following details are to be appended in the application:-

- (a) Complete Bio-data Proforma with e-mail ID/ Phone No.
- (b) Details of qualification i.e. Examination passed, year, division, and percentage of marks from Graduation onwards
- (c) Details of Publications
- (d) Details of Conferences/workshops attended
- (e) Each application should include the details of three (03) referees with contact details including email. Please arrange for at least two letters of recommendations to reach SINP directly by email.
- (f) Ph.D/Provisional Degree certificate

**All applications are to be received on or before February 5, 2021.**

***Please keep track of details/amendments on the website***

**Advt. No. SINP/Estt/Advt/01/2021**

**Registrar**

## BIO-DATA PROFORMA



### **SAHA INSTITUTE OF NUCLEAR PHYSICS**

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### **BIODATA PROFORMA FOR RESEARCH ASSOCIATES - 2021**

1. Name of Candidate (In Block Letters)

2. Parent/Spouse Name

3. Date of birth and age on \_\_\_\_\_

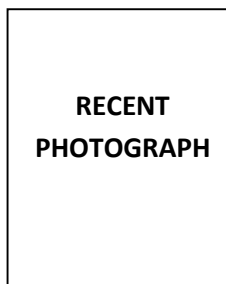
4. Permanent Address

5. Address for correspondence

6. Contact numbers (landline / mobile)

7. Email

8. Educational Qualifications (In chronological order) (Starting from Graduation onwards including additional deg/ Diplomas)



<b><u>Sl. No</u></b>	<b><u>Class/ Degree</u></b>	<b><u>Name of Board/University</u></b>	<b><u>Year of passing</u></b>	<b><u>% Marks</u></b>	<b><u>Subjects Passed</u></b>

9. Details of Experience, if any

(Particulars of all previous and present employment) (List for which proof is available)

(a)

(b)

(c)

10. Are you an employee (not student/postdoc) elsewhere? *(If so details and proof with no objection certificate. Advance copy may be forwarded; the NOC may be submitted at the time of the interview)*

11. List of Publications

12. Conference/ Workshops attended

13. Names of Referees with contact details (please arrange for at least two letters of recommendations to reach SINP directly by email)

14. Name of Thesis supervisor and Thesis title

15. Status of Ph.D degree (Whether submitted or awarded, with dates)

16. Present Position (if any)

17. Research Plan, Summary & Outlook (Please use a separate sheet, max one A4 paper)

18. Choice of Division (in order of preference)

(a)

(b)

19. Any other relevant information relating to the position applied for:

**Declaration**

I do, hereby, declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief I understand and agree that in the event of any information being found false or incorrect/incomplete or ineligibility being detected at any time before or after selection/interview, my candidature is liable to be rejected.

(Signature of the Candidate)

Date: -----

Place: -----

\*Enclose self attested copies of required documents only.