



SAHA INSTITUTE OF NUCLEAR PHYSICS
(Autonomous Research Institute under the Dept. of Atomic Energy, Govt. of India)
Sector-I, Block – ‘AF’, Bidhannagar, Kolkata- 700064
Phone:2337-5345-49 (5lines), Fax:0091-33-2337-4637

[ADVERTISEMENT FOR THE POSITION OF RESEARCH ASSOCIATES]

Saha Institute of Nuclear Physics, grant-in-aid institution under the Dept. of Atomic Energy, Gol, invites applications from candidates (through e-mail only) for positions of Research Associates (RAs) in various Divisions of the Institute.

Total No. of Positions: 05 (Five)

Essential Qualification: Ph.D in Physical / Biophysical Sciences.

Sl No.	Name of Divisions	No. of Positions	Desirable Qualifications
1	Nuclear, Atomic and Particle Physics Division	1	Machine learning (ML) applications in nuclear physics and nuclear astrophysics, ML-based modeling of cross-sections and ML-driven analysis of nuclear structure parameters Eligibility: Ph.D. in theoretical or computational nuclear physics Desired background: Candidates should have experience in ML-based simulation techniques, as evidenced by their peer-reviewed publications in relevant areas.
2	Theoretical Physics Division	3	1. Fields, Strings and Quantum Gravity: holography, black holes, conformal field theory, relativistic hydrodynamics, non-Lorentzian symmetries and physics. (2 positions) 2. Condensed Matter Physics: soft matter physics, mechanics of living systems, active matter systems, hydrodynamics of driven systems. (1 position)
3	Condensed Matter and Surface Physics Division	1	Quantum transport in van der Waals heterostructures of two-dimensional materials - <i>with experience in dry transfer technique for 2D material stacking and/or mesoscopic device fabrication using lithography and/or low temperature transport measurements,</i> <i>or</i> Charge transport in structure-controlled organic semiconductor nanolayers - <i>with experience in organic or polymeric semiconductors, their low-dimensional growth and electronic device fabrication, their characterizations using microscopy, spectroscopy, scattering, and charge transport measurement techniques</i>

Age: Maximum 35 years on the last date of receiving applications.

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

Associateship:

- (a) Rs.58,000/-PM for RA-1 + HRA
- (b) Rs.61,000/-PM for RA-2 + HRA

The position of RA may be fixed at one of the above pay levels depending on qualifications and experience. The level will be fixed based on recommendation of the interview committee/selection committee. In addition, other admissible benefits will be applicable.

Procedure for Applying: Interested and eligible candidates should apply by email only to **vacancy.ra@saha.ac.in** with the subject matter '**APPLICATION FOR THE POSITION OF RA-2026**'

A copy of the same is to be forwarded to the respective group as per list.

Sl.No.	Divisions	e-mail ID
1	Nuclear, Atomic and Particle Physics Division	groupb.ra@saha.ac.in
2	Theoretical Physics Division	postdoc.theory@saha.ac.in
3	Condensed Matter and Surface Physics Division	cmstp.ra@saha.ac.in

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) Please ensure that letters of recommendations are sent by two referees by email to the same e-mail id before the last date of application.
- (f) Ph.D/Provisional Degree certificate (must be furnished at the time of joining)
- (g) Proof of date of Birth.

All applications are to be received on or before 13.09.2026

Please keep track of details/amendments on the website

Advt.No.: SINP/Estt/Advt/13/2026,

Registrar

Date: 06.08.2026

BIO-DATA PROFORMA



SAHA INSTITUTE OF NUCLEAR PHYSICS

(Autonomous Research Institute under the Dept. of Atomic Energy, Govt. of India)
Sector-I, Block – 'AF', Bidhannagar, Kolkata- 700064

BIODATA PROFORMA FOR RESEARCH ASSOCIATES 2026

RECENT
PHOTOGRAPH

1. Name of Candidate (In Block Letters):
2. Parent / Spouse Name:
3. Date of birth and age on 13.09.2026
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):

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

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 ensure that at least 2 (two) letters of recommendations are sent by the three references by email to SINP before the last date of application):

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 to be 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