



SAHA INSTITUTE OF NUCLEAR PHYSICS

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

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

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[ADVERTISEMENT FOR THE POSITION OF RESEARCH ASSOCIATES]

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

No. of Positions: 12

Essential Qualification: Ph.D in Physical and Biophysical sciences or Scholars who have submitted Ph.D. thesis and are yet to receive their Ph.D degree (provisional or otherwise).

Sl. No.	Name of Division	No. of Position	Desirable Qualification
01	Chemical Sciences Division	1	Computational Chemistry/Experimental Bio-Spectroscopy.
02	Surface Physics & Material Science Division	1	The candidate should have proven experiences in the field of surface and interface studies of low dimensional materials. The research activities should be substantiated by good publications in reputed international journals. The candidate has to utilise the available Divisional facilities of growth and characterisation for studying the properties of low dimensional materials (in the micro and nano length scale). Candidate should enclose a consolidated research plan using various facilities of the Division. For details about facilities of the Division, candidates are advised to look into the webpage of the Division (http://www.saha.ac.in/web/spd-home).
03	Biophysics & Structural Genomics Division	1	Proven ability of Biophysical studies in Cancer and related disorders.

Sl. No.	Name of Division	No. of Position	Desirable Qualification
04	Plasma Physics Division	2 (*One post reserved for DST Project)	<p>Candidate with background in theoretical plasma physics/experimental plasma physics/plasma simulation are encouraged to apply.</p> <p>*The candidate should have experience in experimental plasma physics. Preference will be given to the candidate having experience in developmental work and in operation and maintenance of a plasma device.</p>
05	Crystallography & Molecular Biology Division	1	Candidates with fresh PhD having working experience in different biological aspects of proteins.
06	Computational Science Division	1	Knowledge of Genetic Algorithm or other optimization algorithms and good program writing skill in languages like C, C++, Java, Perl etc.
07	Condensed Matter Physics Division	3	Candidates with good publication record in either theoretical or experimental condensed matter physics are encouraged to apply.
08	Nuclear Physics Division	1	The candidate should have experience in accelerator based low energy nuclear structure/reaction/astrophysics studies to participate actively in developmental work related to the upcoming facility for Low Energy Nuclear Astrophysics studies.
09	Applied Nuclear Physics Division	1	Experience in dark matter search, neutrinoless double beta decay, neutrino physics and muon tomography. Candidate is expected to work on related experiments along with development of detectors, simulation, related electronics, data acquisition system and ancillary experimental facilities.

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

Tenure: The tenure of Research Associates may be decided by the Institute as per overall sanctions available to them for this purpose. Such appointments will be for a period of two (02) years with the possibility of extension for one (01) more year.

Associateship: (a) Rs. 36, 000/- PM for RA-1+HRA
(b) Rs.32, 000/- PM, for scholars who have submitted Ph.D. thesis and are yet to receive their Ph.D degree (provisional or otherwise) +HRA
(c) Rs 38,000/- PM for RA-2+HRA

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 with the subject matter 'APPLICATION FOR THE POSITION OF RA-2017'.

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

Sl. No.	Division	e-mail ID
01	Chemical Sciences Division(CSD)	padmaja.mishra@saha.ac.in
02	Surface Physics & Material Science Division(SP&MS)	surface.office@saha.ac.in
03	Biophysics & Structural Genomics Division(B&SG)	vacancy.bsg@saha.ac.in
04	Plasma Physics Division(PPD)	ms.janaki@saha.ac.in
	For DST Project	nikhil.chakrabarti@saha.ac.in
05	Crystallography & Molecular Biology Division(C&MB)	cmb.ra@saha.ac.in
06	Computational Science Division(Computational Science)	vacancy.cs@saha.ac.in
07	Condensed Matter Physics Division (CMP)	y.sudhakar@saha.ac.in
08	Nuclear Physics Division(NPD)	vacancy.npd@saha.ac.in
09	Applied Nuclear Physics Division(ANP)	vacancy.anpd@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) Each application should include the details of three (03) referees with contact details including email.

All applications are to be received on or before 31st January, 2018.

Please keep track of details/amendments on the website

Advt. No. SINP/Estt/Advt/21/2017

Registrar
