

Advertisement No.: 19/2025

Recruitment for the post of “Research Associate-1”

Indian Institute of Science Education and Research (IISER) Tirupati is a premier autonomous Institution established by the Ministry of Education, Govt. of India, to promote high-quality science education and research in the country.

The Institute invites applications from Indian nationals for the following positions purely on a contract basis:

Name of the post	“Research Associate-1”
Title of the Project	Quantum Materials for Chiral Spintronic Memory
Research Area	Experimental Condensed Matter and Materials Science Focusing on Spintronic Materials and Devices.
Principal Investigator	Dr. Rana Saha
Project Code	ANRF Funded (Project Code - 30225205)
Minimum Qualifications	<ul style="list-style-type: none"> • Ph.D. degree in experimental Physics, Materials Science, Chemistry focusing in the area of condensed matter physics or solid state chemistry. • Candidates who have submitted their thesis and awaiting the award of a Ph.D. degree may also apply. • Candidates should provide evidence of having conducted high-quality research during or after their Ph. D. program. • Proven experience in high-quality single crystal growth of intermetallics, 2D van der Waals materials, and transition metal oxides, utilizing methods such as Chemical Vapor Transport (CVT), flux growth, or other relevant techniques. • Hands-on expertise in magnetic and transport measurements using tools like SQUID magnetometry and Physical Property Measurement System (PPMS). • Proficiency in analyzing data from single-crystal X-ray diffraction and neutron diffraction experiments. • Additional consideration will be given to candidates with experience in micromagnetic simulations and Density Functional Theory (DFT) calculations. • Should have experience to work as a group collaboration.
Fellowship	<ul style="list-style-type: none"> • Rs. 58,000 /-p.m. + 8% HRA if the candidate produces the Ph.D. Certificate. • Rs. 42,000/- p.m. + 8% HRA - for those candidates whose Ph. D. degree is awaited. However, the candidate must produce a letter from a competent authority stating that the thesis has been submitted and the final viva/defense is pending. A nominal research grant will be available under this program.
No. of post	One (01)
Tenure	The position is temporary for one year, with the possibility of a one-year extension based on performance review. This project offers an exciting opportunity to collaborate with the National University of Singapore and Institut Teknologi Bandung, Indonesia, within a highly interdisciplinary research environment.
Age	Not more than 35 years as of the closing date of the advertisement.
Last date	17:00 hours, 25th May 2025

How to Apply: -

1. Interested candidates should send the application by email in the prescribed format available below this advertisement (converted into PDF Format) to rana.saha@labs.iisertirupati.ac.in, on or before the last

date i.e. **17:00 hours on 25th May 2025**. No other mode of application will be accepted. Please mention the name of the Post and Post Code (**Research Associate-1: 19/2025**) in the email's subject line.

2. **Note: Sending resumes/CVs by email will not be considered as a complete application.**
3. All shortlisted candidates will be intimated by email only. Therefore, please provide your active mobile number and email ID in the application form.
4. Candidates should fully satisfy themselves before applying that they possess the qualifications and experience, etc., as laid down in this advertisement.
5. Recent passport-size photographs, photocopies of relevant certificates, and other testimonials in support of age, qualification, experience, etc., will be collected at an appropriate stage.
6. The applicant will be responsible for the authenticity of information submitted / documents and photographs. It is the responsibility of the candidate to assess his / her own eligibility for the post(s) for which he/she is appearing in accordance with this advertisement. If it is detected at any time in the future, during the process of selection or even after the appointment, that the candidate was not eligible as per the prescribed eligibility criteria in this advertisement, which could not be detected at the time of selection for whatsoever reason, his/her candidature/appointment shall be liable to be cancelled/terminated immediately.

GENERAL INFORMATION / DETAILS ABOUT THE POST

1. The appointment is purely temporary and will terminate automatically without any notice or compensation on the termination of the research project.
2. The appointed person shall have no claim of appointment/absorption in IISER Tirupati.
3. The applicant's appointment will be governed by the terms and conditions of the funding agency that are particularly applicable to the said project.
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum, and mere possession of the same does not entitle candidates to be called for an interview. Where the number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Leader may restrict the number of candidates for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. The selected candidate will have to join within 30 days of receipt of the offer.
8. No interim inquiries/correspondence/communication of any sort will be entertained on the matter.
9. Canvassing in any form and/or bringing any influence, political or otherwise, will be treated as a disqualification for the post applied for.
10. Following selection to the IISER PDRF program, applications for competitive postdoctoral fellowships by the fellow may also be forwarded to DST-SERB or other agencies (DBT- RA, CSIR-RA, ICMR, etc.) through the Institute. Details of the SERB National Postdoctoral Fellowship (N-PDF) are available at <http://www.serb.gov.in/npdf.php>.