

ADVERTISEMENT FOR JRF IN SERB SPONSORED PROJECT

Applications are invited from highly motivated and eligible Indian citizens for a Junior Research Fellow (JRF) position in a SERB-sponsored research project at the School of Physics and Materials Science, Thapar Institute of Engineering & Technology, Patiala.

Project Details:

Title of the Project	<i>“Toward Future Superconducting Materials: Exploring and Understanding the Superconductivity in Newly Discovered High Entropy Alloy Superconductors”</i> .
Sponsored Agency	SERB, Govt. of India
Name of the Post	Junior Research Fellowship
Vacancy	01 Post
Duration	02 Years
Principal Investigator	Dr. Sourav Marik, Assistant Professor, School of Physics and Materials Science, Thapar Institute of Engineering and Technology, Patiala-147004, India. Email id: soumarik@thapar.edu
Opportunity	The selected candidate can register for the full-time Ph.D. program at TIET (upon fulfilling admission norms)

Other Details:

1.	Essential Qualifications	M.Sc. in Physics/ Applied Physics or equivalent degrees with at least 60% marks (or a CGPA of 6.5 in 10 point scale) or M.E. / M. Tech degrees with at least 60% marks (or a CGPA of 6.5 in 10 point scale) in Physics or related disciplines. NET or GATE qualified
2.	Age Limit	Not more than 28 Years. SC/ST/OBC/Women/PD candidates will get the age relaxation as per SERB, Govt. of India norms.
	Fellowship	Rs. 31,000/- per month plus HRA as per norms
4.	Important	<ul style="list-style-type: none"> The assignment is purely temporary in nature, and it is co-terminus with the project. No TA/DA will be paid for appearing in the interview and/or joining the position. All the terms & conditions for this recruitment will be as per the guidelines of SERB (Gov. of India) and TIET, Patiala. Institute reserves the right to cancel the recruitment without assigning any reason.
5.	Job description	The recent discovery of superconductivity in high entropy alloys (HEAs) has attracted immense scientific interest. Owing to their superior mechanical properties, the exotic superconducting state in these materials holds great promise for future application. The selected candidate will participate in exploring new superconducting high entropy alloys (HEAs) by synthesizing and characterizing new high entropy materials. Detailed and systematic structural, microstructural, magnetic, thermodynamic, and transport property measurements will be carried out in this project.
6.	How to Apply	Eligible and interested candidates should send their detailed resume (CV) in the given format through e-mail to Dr. Sourav Marik (soumarik@thapar.edu) mentioning the subject as “Application for JRF position” . <u>The last date to receive the applications is 15th January 2022. The shortlisted candidate will be intimated about the interview date by e-mail.</u>

Application Form for Junior Research Fellow (JRF) in SERB Sponsored Project

Project Title: *“Toward Future Superconducting Materials: Exploring and Understanding the Superconductivity in Newly Discovered High Entropy Alloy Superconductors”*.

1. Name:

2. Male/Female:

3. Father/Spouse’s Name:

4. Mother’s Name:

5. Address:

(i) Communication address

(ii) Permanent address:

6. Email id:

7. Phone No:

8. Date of birth:

9. Marital status:

10. Nationality:

11. Caste category (OP/SC/ST/OBC/PH):

Affix
recent
passport
size
photograph

12. Details of Universities/Institutions attended (from 10th Standard onwards)

(Self-attested copies of certificates and mark sheets/grade cards must be presented at the time of interview)

Degree	University/College/ Board	Year	Subject/s	% Marks/ CGPA/CPI	Class

13. Professional Qualifying Examination Passed:

GATE/NET/Equivalent: (Attested copy of certificate must be attached with the application)

Name of Examination	Subject	Rank /Marks /Score/Percentile	Qualifying date/year	Valid upto

14. Professional Experience (Teaching/Research/Industrial), if any

Name of organization	Position	Type of work	Period	
			From	To

15. Any other relevant information:

16. Declaration

I hereby declare that the entries made in this application are correct to the best of my knowledge and belief.

Place:

Signature of the applicant

Date: