



**THAPAR INSTITUTE**  
OF ENGINEERING & TECHNOLOGY  
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)

No. TIET/SPMS/512  
Date: 08.03.2022

### Advertisement for Junior Research Fellow (JRF) Position under SERB project in Physics

Applications are invited from motivated and eligible Indian citizens for the position of Junior Research Fellow (JRF) in a sponsored research project of SERB, Govt. of India at the School of Physics and Materials Science, Thapar Institute of Engineering & Technology, Patiala with the details mentioned below. Shortlisted candidates will be informed about the date of interview via email.

#### Project Details:

Title of the Project	Theoretical investigation of nuclear structure effects on the heavy ion reactions.
Sponsored Agency	SERB (Govt. of India)
Name of the Post	Junior Research Fellowship (JRF)
Vacancy	01 Post
Duration	03 Years or completion of the project, whichever is earlier
Principal Investigator	Dr. Raj Kumar, Assistant Professor, School of Physics and Materials Science, Thapar Institute of Engineering and Technology, Patiala-147004, India.

#### Other Details:

1.	Qualification	<b>Essential:</b> M.Sc. in Physics/ Applied Physics / Pure Mathematics/ Mathematics and scientific computation 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 /Mathematics or its related disciplines. <b>Additional desirable:</b> Qualified NET/ GATE/equivalent.
2.	Age Limit	Not more than 28 Years. SC/ST/OBC/Women/PD candidates will get age relaxation as per SERB, Govt. of India norms
3.	Fellowship	<b>For NET / GATE qualified:</b> Rs. 31,000/- per month for JRF (initial two years) and Rs.35,000/- per month for SRF (third year), plus HRA as per norms if accommodation is not provided by institute. <b>For non-NET / GATE:</b> As per DST norms.
4.	Important	<ul style="list-style-type: none"><li>The assignment is purely temporary in nature and it is co-terminus with the project.</li><li>No TA/DA will be paid for appearing in the interview and/or joining of the position.</li><li>All the terms &amp; conditions for this recruitment will be as per the guidelines of SERB, Govt. of India and TIET, Patiala. Institute reserves the right to cancel the recruitment without assigning any reason.</li><li>Candidate selected for this position may apply for the regular PhD program provided they satisfy the eligibility criterion for PhD program in School of Physics, TIET, Patiala.</li><li>Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview.</li><li>Only shortlisted candidate will be intimated via E-mail for interview. <b>Candidates are advised to check their Email regularly.</b></li><li>Incomplete application will not be accepted.</li></ul>
•	How to Apply	Eligible and interested candidates should send their detailed resume (CV) in the given format through e-mail to Dr. Raj Kumar (rajkumar@thapar.edu) mentioning the subject as <b>“Application for JRF under CRG of SERB. Last date to receive the applications is 31<sup>st</sup> March, 2022.</b>

*Raj Kumar*

Principal Investigator  
Dr. Raj Kumar,  
Assistant Professor, School of Physics and Materials Science,

**Dr. Raj Kumar**  
Assistant Professor  
School of Physics & Material Science  
Thapar Institute of Engg. & Tech.  
Patiala -147004 (India)

Thapar Institute of Engineering and Technology, Patiala - 147004 (India)  
(Deemed to be University)

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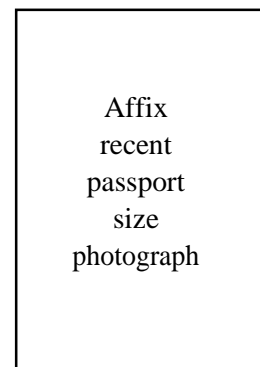
**Application Form for Junior Research Fellow (JRF) in SERB Sponsored Project**  
Title: Theoretical investigation of nuclear structure effects on the heavy ion reactions  
(CRG/2021/001229)

1. Name:

2. Male/Female:

3. Father/Spouse's Name:

4. Mother 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):

12. Details of Universities/Institutions attended (from 10<sup>th</sup> Standard onwards)  
(Self-Attested copies of certificates and mark sheets/grade cards must be presented at the time of interview)

Degree obtained	University/College/ Board	Year	Subject/s	% Marks/ CGPA/CPI	Class (if any)

13. Professional Qualifying Examination Passed:

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

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 form are correct to the best of my knowledge and belief.

Place:

Signature of the applicant

Date: