



# राष्ट्रीय प्रौद्योगिकी संस्थान, जमशेदपुर

## NATIONAL INSTITUTE OF TECHNOLOGY, JAMSHEDPUR

(An Institute of National Importance under MoE, Government of India)

File No.: NITJSR/DEE/085/2025

Date: 29/05/2025

### ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF) (PURELY CONTRACTUAL)

Applications are invited from highly motivated and eligible candidates for 01 (one) position of Junior Research Fellow (JRF) in the Project titled ***“Practical Implementation of Non Fragile Sliding Mode Controller based Non-Isolated Universal On-Board Battery Charger for Electric Vehicle”*** funded by the Science and Engineering Research Board (SERB), Govt. of India, in the Department of Electrical Engineering, NIT Jamshedpur as per details envisaged below:

Name of the Post	Junior Research Fellow
Essential Qualification	The applicants must have passed B. Tech/B.E. in Electrical Engineering/ Electrical and Electronics Engineering, and M. Tech/M.E. in Power Electronics/Control System/Electrical Machines and Drives/Power System/Energy System or relevant specialization. • The candidate must have secured minimum CGPA/CGPI of 6.5 on a 10-point scale (or equivalent) or 60% marks in both Bachelor and Master Degrees.
Desirable Qualification	Preference will be given to the GATE/NET qualified candidates
Project Duration	03 months or up to the termination of the project.
Age Limit	Not more than 30 years as on last date of receipt of application. Upper limit will be relaxed up to 5 years for SC/ST/PwD candidates and 3 years for OBC-NCL candidates.
Emoluments	Rs. 31,000/- per month + HRA (as per institute norms).
Nature of appointment	The position is purely on contract basis with the initial appointment for a period of 03 months from the date of joining, extended up to the project duration subject to the Satisfactory performance of the individual and provision under the project.
Last date of application	14/06/2025
Interview Date	19/06/2025



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### How to apply:

1. Eligible and interested candidates are encouraged to apply by email for the **online/ walk-in- interview**. The application in the attached format, along with the CV and copies of all supporting documents (self-attested) as a single PDF file should be sent through Email: [mrinalkanti.ee@nitjsr.ac.in](mailto:mrinalkanti.ee@nitjsr.ac.in) mentioning the subject as “*Application for the post of JRF in DEE for the project entitled Practical Implementation of Non-Fragile Sliding Mode Controller based Non-Isolated Universal On-Board Battery Charger for Electric Vehicle*”. For the more information, Dr. Mrinal Kanti Sarkar can be contacted as +91-8837458727.

### Please note :

1. Candidates should ensure their eligibility for the post before applying. Ineligible candidates will not be allowed. Shortlisted candidates will only be called for **online/ walk- in –interview**.
2. The assignment is purely temporary in nature and is a co-terminus with the project.
3. No TA/DA will be paid for appearing in the interview and/or joining the position.
4. All the terms and conditions for this recruitment will be as per the guidelines of the SERB, Govt. of India and NIT Jamshedpur, Institute reserves the right to cancel the requirement without assigning any reason.
5. The selected candidate will be required to work as a project assistant in the department of Electrical Engineering NIT Jamshedpur.
6. Original documents of the age proof/certificates/degree/marks sheets and other testimonials must be presented during the interview.

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[www.nitjsr.ac.in](http://www.nitjsr.ac.in)

Address:- P.O – NIT Jamshedpur, Adityapur, District – Saraikela Kharsawan – 831014, Jharkhand



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Application for the Junior Research Fellow (JRF) in the Project titled “*Practical Implementation of Non-Fragile Sliding Mode Controller based Non-Isolated Universal On-Board Battery Charger for Electric Vehicle.*”

Applicant's Details:

1.	Name		Photo
2.	Father/Spouse's Name		
3.	Mother's Name		
4.	Male/Female		
5.	Address	Correspondence:	Permanent:
6.	Contact Details	Email ID:	Phone Number:
7.	Age:	Date of Birth:	Age as on the closing date of Advt:
8.	Nationality:		Category: GEN/SC/ST/OBC(attach proof)
9.	Languages Known	Mother tongue:	Other languages:

**10. Educational Qualification:**

(Supporting documents should be submitted along with the application as a single PDF file)

Degree/Certificate	University/Board/College	year	Subjects	% marks/CGPA	Class
10 <sup>th</sup>					
12 <sup>th</sup>					
B. Tech					
M. Tech					
GATE details: Subject of examination: Percentile: (Please attach Score card)			Qualifying year	All India Rank:  Score:	

11. Any other relevant information?

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

Place:

Date:

(Signature of the applicant)