Advertisement for JRF under ANRF-Sponsored ARG Research Project
(File No.: ANRF/ARG/2025/007473)

Applications are invited from highly motivated and eligible candidates for the position of Junior Research Fellow (JRF) to work on a research project sponsored by the Anusandhan National Research Foundation (ANRF).

Project Title: Design and Development of Energy-Efficient Neuromorphic Hardware Prototype for Blind Source Separation of Multiple Fault Signals in High-Voltage Cables for Condition Monitoring and Fault Classification: Toward Edge-Centric Grid Intelligence

Date of Sanction: 18 December 2025

Project Duration: 3 Years
Name of the Post: Junior Research Fellow (JRF)
Number of Positions: 01

Tenure: Initial appointment (on purely temporary basis) is for one year, which is extendable up to another one year based on satisfactory performance.
Tentative date of Joining: April 2026

Fellowship: Rs. 37,000/- per month + HRA as per ANRF/Institute norms.
Essential Qualifications: M.E./M.Tech or equivalent degree in Electrical Engineering / Electrical & Electronics Engineering / Electronics & Communication Engineering / Instrumentation Engineering / Power Systems / Control Systems / Embedded Systems / VLSI / Computer Science and Engineering/Information Technology / AI & ML (relevant to hardware or signal processing) or allied disciplines. **The candidate must have qualified GATE.**

Terms and Conditions:
• Selected candidates may register for the Ph.D. programme at NIT Jalandhar as per Institute norms.
• The appointment of the JRF will be purely temporary and valid for the above-mentioned period or till the completion of the project or till the services are required by the Project Investigator, whichever is earlier.
• The services of the JRF will be liable to termination at any time without any notice and without assigning any reason.
• The appointment shall be strictly for the aforesaid project and the staff member will not have any claim/right on any post at NIT Jalandhar.
• At the time of interview, applicants must produce original mark sheets, certificates, and other relevant documents for verification.
• Only shortlisted candidates will be called for the interview. Information regarding the interview will be communicated through email only.
• No TA/DA will be paid to the candidates for attending the interview.
• Hardcopy of the application and documents is not required at the time of application; however, the selected candidate must bring all original documents at the time of interview for verification.

How to Apply:

Interested candidates should send the complete application (cover letter, CV, self-attested copies of educational certificates, and NET/GATE proof) through email in a single PDF file within **20 days from the date of publication of this advertisement.**

Application Submission:
Email to: harimurugan@nitj.ac.in
Subject Line: Application for JRF – ANRF-ARG Project

Principal Investigator:
Dr. Harimurugan Devarajan
Department of Electrical Engineering
Dr. B. R. Ambedkar National Institute of Technology, Jalandhar
Punjab – 144027, India

Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
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Department of Electrical Engineering

Application Form for JRF under ANRF-Sponsored ARG Research Project
(File No.: ANRF/ARG/2025/007473/ENS)

1. Name of the Applicant (IN BLOCK LETTERS):

2. Father's / Mother's / Guardian's Name:

3. Mobile Number:

4. Email ID:

5. Date of Birth:

6. Gender:

7. Marital Status :

8. Category (SC / ST / OBC / EWS / PWD / General):

9. Address for Communication:

	Photo

10. Educational Qualifications: (From 10th or equivalent onwards; attach self-attested copies)

Examination Passed	Year of Passing	University / Board	Division / Class	% of Marks	Subjects

11. Professional Experience (if any):

12. Research Publications (if any):

13. Coding skills (Low/Moderate/High):

14. Hardware competency (Low/Moderate/High):

15. NET / GATE / Any other Qualification:
Qualified (Yes / No):
Score:
Rank:
Year:

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief. I understand that my candidature is liable to be cancelled if any information is found to be incorrect.

Place:
Date:

Signature of the Applicant