



राष्ट्रीय प्रौद्योगिकी संस्थान जमशेदपुर NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR

(An Institution of National Importance under MHRD, Government of India)

Department of Electrical Engineering

No: NIT JSR/DEE/278/2026

Date: 23/10/2026

Advertisement for Junior Research Fellow (JRF) Position

Applications are invited from eligible Indian nationals for the Junior Research Fellow (JRF) Position (One) for the ANRF-sponsored research project in the Department of Electrical Engineering. The details of appointment are given below.

Project Title	Design and Experimental Evaluation of Resonant Gate Driving in High-Efficiency GaN-Based Three-Phase Propulsion Drives for E-Mobility
Sponsoring Agency	Anusandhan National Research Foundation (ANRF)
Project File No.	ANRF/ARG/2025/010608/ENS
Temporary Positions	Junior Research Fellow (JRF) for 01 year initially, and extendable up to 27 Months or completion of the project, whichever happens, earlier solely based on the performance.
Number of positions	01 (One)
Essential Qualification	B.Tech./M. Tech. in Electrical Engineering or equivalent degree with GATE qualification
Desirable	Preference will be given to candidates specializing in Power Electronics and Drives, Electrical Machines and Drives, or equivalent disciplines, with knowledge of SiC and GaN wide-bandgap semiconductors, gate driver design and analysis, and electric vehicles.
Fellowship	1 st and 2 nd year: Rs. 37,000/- per month +HRA, 3 rd year: Rs. 42,000/- per month +HRA
Nature of Job	Analysis, simulation and experimental work on driving circuit for wideband gap semiconductor devices and inverter design.
Last date for receipt of Online Application	10/11/2026, 11:59PM (IST)
Application form submission link	https://forms.gle/rmEcGDUJV1i9CZSq7
Project PI	Dr. Kundan Kumar Assistant Professor, Electrical Engineering Department National Institute of Technology Jamshedpur Email: kundan.ee@nitjsr.ac.in , WhatsApp: +91-9006058445

Note: Candidates who have already applied for the JRF position advertised under Notice No. NIT JSR/DEE/202/2026 dated 28/07/2026 need not apply again. However, they may update their credentials, if any, through the prescribed procedure.

Important Instructions:

1. Candidate possessing the requisite qualification and experience should apply and submit completed application form along with self-attested relevant documents on or before **10th Nov. 2026, 11:59PM (IST)**
2. The duly filled up application form along with self-attested supporting documents (GATE score card, all the marksheets and degree certificates, proof of work experience if any) (in a single PDF file renamed as **ANRF Funded Project _Applicant Name**) must be submitted through google form link: <https://forms.gle/rmEcGDUJV1i9CZSq7>
3. Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be shortlisted based on merit and need of the project. Only shortlisted candidates will be communicated to appear in the interview and no other communication in this regard will be entertained.
4. The decision of the interview panel remains binding and no further communication will be entertained in this regard.
5. The short-listed candidates for interview will be intimated only through emails. No TA/DA shall be paid to candidates for attending the interview and/or joining the position.
6. The list of shortlisted candidates and date for interview (online/in-person) will be notified later.