



DEPARTMENT OF ELECTRICAL ENGINEERING

DELHI TECHNOLOGICAL UNIVERSITY

GOVERNMENT OF NCT OF DELHI

SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042

Advertisement No: 01

Dated: 09/06/2026

Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited from highly motivated and eligible candidates for the position of Junior Research Fellow (JRF) under the ANRF-sponsored research-cum-demonstration project being undertaken by Dr. Mayank Kumar, Principal Investigator, Department of Electrical Engineering, Delhi Technological University (DTU), Delhi. The project focuses on the design, analysis, modeling, control, hardware implementation, testing, and validation of advanced power electronic converters and smart EV charging systems with emphasis on fault-tolerant operation, renewable energy integration, energy management, modular architectures, and intelligent control strategies.

Title of the Project: Fault-Tolerant, Cost-Effective, and Configurable Smart EV Multifunctional Charger with Enhanced Modularity

Funding Agency: Anusandhan National Research Foundation (ANRF), Government of India.

Duration: 36 months (up to 26 May 2029), subject to the terms and conditions of the funding agency.

Details of Project Position:

Sl. No.	Name of the Post	Essential Qualification	Desirable Qualifications /Experiences	Nos	Emoluments
1.	JRF	B.E./B.Tech. in Electrical Engineering, Electrical & Electronics Engineering, or allied disciplines and GATE; OR M.E./M.Tech. in Electrical Engineering, Power Electronics, Power Systems, Electrical Drives, Control Systems, Renewable Energy, or allied specializations and GATE.	Design and simulation of power electronics circuits, PCB design, hardware validation, microcontroller programming	01	₹37,000/- plus HRA@30% per month (First two years) ₹42,000/- plus HRA@30% per month (Third year) As per ANRF guidelines

The qualification and fellowship shall be governed by prevailing ANRF guidelines.

Application Procedure: Interested candidates should submit a single PDF file containing: Cover Letter, Detailed Curriculum Vitae, Recent Photograph, Copies of Degree Certificates and Mark Sheets, GATE Score, Relevant Experience Certificates, and Names and contact details of two referees (ANNEXURE-I). The application should be emailed to ftcecsevmcem@gmail.com on or before **30 June 2026** with the subject line: **“Application for JRF – ANRF Project”**.

Shortlisted candidates will be called for interview in offline mode. Mere fulfillment of the minimum eligibility criteria does not guarantee shortlisting. The decision of the selection committee shall be final and binding.

Contact Details: Dr. Mayank Kumar, Principal Investigator, Department of Electrical Engineering, Delhi Technological University (DTU), Delhi-110042. E-mail: ftcecsevmcem@gmail.com, mayankkumar@dtu.ac.in

Terms and Conditions:

1. The project is up to 26 May, 2029 which may be extended after the approval from ANRF. Participation in any workshops/scientific event/conferences/visit to any organization or academic institution for project work in India will be treated as “on duty” with prior approval of the competent authority/PI.
2. The selected candidate will not be entitled to any other allowances like TA, DA, medical benefits or any others benefits.
3. **The candidate called for interview are not entitled for TA/DA.**
4. Annual Satisfactory Assessment is mandatory to continue the benefit of the fellowship during the period of project. Continuation of the fellowship is subject to satisfactory annual performance assessment, availability of project funds, and compliance with project requirements. The fellowship may be terminated in case of unsatisfactory performance or violation of project/university regulations.
5. The appointment is purely temporary, co-terminus with the project, and shall automatically terminate upon completion/termination of the project without any notice or compensation.
6. The selected candidate shall be governed by the disciplinary regulations of the DTU.
7. The selected candidate shall actively participate in research, design, development, experimentation, testing, technical documentation, preparation of reports, publications, patents, and other project-related activities as assigned by the Principal Investigator and as required under the project.
8. The appointment will not be bestowed upon them any claim for regular employment.
9. Interested candidates are required to apply online by submitting a single PDF file containing the application, detailed Curriculum Vitae (CV), recent passport-size photograph, contact details (including postal address, mobile number, and e-mail address), date of birth, educational qualifications (from Class X onwards along with self-attested copies of mark sheets and certificates), GATE score card (if applicable), relevant experience certificates, and a brief summary of previous research/work experience, if any. The application should be sent via e-mail to the Principal Investigator within the prescribed deadline.
10. Candidates should also bring no objection certificate from the Employer in case he/she is employed somewhere.
11. The competent authority reserves the right to fill up or not to fill the vacancies notified in this advertisement.
12. All communications regarding shortlisting, interview schedule, selection, and joining formalities shall be made through e-mail and/or the DTU website only. No separate correspondence shall be entertained.
13. The selected candidate shall be required to work as per the project requirements and DTU norms. Leave may be availed only with the prior approval of the Principal Investigator and shall be governed by the applicable project/DTU guidelines.



(Dr. Mayank Kumar)
Principal Investigator
EED, DTU, Delhi

Dated: **June 09, 2026**

APPLICATION FOR THE POSITION OF JUNIOR RESEARCH FELLOW (JRF)

Project Title: Fault-Tolerant, Cost-Effective, and Configurable Smart EV Multifunctional Charger with Enhanced Modularity

(Please enclose a copy of bio-data/ resume/ curriculum-vitae)

1. Name of the candidate
2. Father's name
3. Date of birth (DD/MM/YYYY)
4. Sex (Male/Female)
5. Marital status (Single/Married)
6. Category (UR/OBC/SC/ST/PwD)
7. Permanent Address
8. Educational qualifications



Degree	Specialization/subjects	Board/University	Year of passing	Class	Percentage/CGPA
SSC					
Intermediate					
B.E./B.Tech					
M.E./M.Tech					

9. GATE/NET/ICMR/DBT-SRF score earned/ qualified (If Any)

Score	Year appeared	Score	All India Rank
GATE/NET/Other			

10. Research/Industrial/Teaching experience

Sl.No.	Organisation/Industry served	Date/Month of Joining	Date/Month of Leaving	Months/Years of experience
1				
2				
3				

11. Publications/ conference participations
12. Email id and mobile number
13. Names and contact details of two referees
14. Any other relevant information

Declaration

I _____ hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of any information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled.

Date: _____

Signature of the candidate: _____

Submit soft copies of the supporting documents