



# **DEPARTMENT OF ELECTRICAL ENGINEERING**

DELHI TECHNOLOGICAL UNIVERSITY

Established by Govt. of Delhi vide Act 6 of 2009

GOVERNMENT OF NCT OF DELHI

SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042

**Advertisement No: 01**

**Dated: 05/02/2022**

## **Advertisement for the post of Junior Research Fellow (JRF)**

Applications are invited for Junior Research Fellow (JRF) position from highly motivated and eligible candidates for SERB funded sponsored research cum demonstration project under Dr. Mayank Kumar, Principal Investigator, Department of Electrical Engineering, Delhi Technological University, Delhi. The project involves development of fault tolerant power converters used in solar PV fed hybrid electric vehicles (HEV).

**Title of the Project:** Development of Fault Tolerant Power Converters for Solar PV fed Hybrid Electric Vehicles (PVHEVs)

**Funding Agency:** Science & Engineering Research Board (SERB), A statutory body of the Department of Science & Technology (DST), Government of India.

**Duration:** 23 months or 29/12/2023, whichever is earlier.

### **Details of Project Position:**

Sl. No.	Name of the Post	Essential Qualification	Desirable Qualifications /Experiences	Nos	Emoluments
1.	JRF	B.E. / B.Tech Degree in Electrical Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering with Gate OR M.E. / M.Tech Degree in Electrical Engineering/Power Electronics with Gate	Good in mathematics; MATLAB/PSCAD or any other simulation tool; Knowledge in Power Converter Circuits	01	31,000/- + 24% HRA per month (as per SERB guidelines). It may be changed as per the SERB/DTU norms.

**Application Procedure:** The application containing cover letter, detailed CV with recent photograph and name of two referees in a single pdf file should reach on and before 20<sup>th</sup> February, 2022 by e-mail only at **dftpcspvhev@gmail.com**. Only the shortlisted candidates will be intimated for the interview in the due course of time through e-mail only.

**Contact Details:** Dr. Mayank Kumar, Principal Investigator, Department of Electrical Engineering, Delhi Technological University (DTU), Delhi-110042

E-mail: dftpcspvhev@gmail.com

### **Terms and Conditions:**

1. The project is up to 29 December, 2023 which may be extended after the approval from SERB. 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 other benefits.

3. Annual Satisfactory Assessment is mandatory to continue the benefit of the fellowship during the period of project. Termination of the candidate anytime is on the sole discretion of the committee or Principal Investigator of project due to unsatisfactory performance.
4. The selected candidate shall be governed by the disciplinary regulations of the DTU.
5. The selected candidate must send a report of the research work done during the period of fellowship as may be asked by DST-SERB.

**Other Terms and Conditions:**

1. The candidate called for interview are not entitled for TA/DA.
2. This temporary appointment will be for a specific period and their services will automatically stand terminated either with the termination of the project/scheme or even before at the discretion of the competent authority.
3. The appointment will not be bestowed upon them any claim for regular employment.
4. Application should be made on plain paper giving name, address, parent's name, telephone no., E mail address, date of birth, a recent photograph, details of academic qualification (from class 10<sup>th</sup> onward, with copies of all marksheets/ certificate, etc.) and a brief a write up on previous research experience, if any.
5. Candidates should also bring no objection certificate from the Employer in case he/she is employed somewhere.
6. The competent authority reserves the right to fill up or not to fill the vacancies notified in this advertisement.



05.02.22

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