



National Institute of Technology Durgapur

Mahatma Gandhi Avenue, Durgapur-713209

DEPARTMENT OF ELECTRICAL ENGINEERING

Advertisement for the post of Project Associate-I

Advt. No.: NITD/SRCC/SB/AB/EE/2025-26/07/ADV/01

Date: 09/07/2025

Project Title: “Grid Readiness for Electrical Vehicle (EV): Enablers and Technological developments (GREET)”

Funding Agency: Collaborative R & D project with IIT Kanpur (Lead Institute), sponsored by Anusandhan National Research Foundation (ANRF)

Duration: Nearly 3 years maximum up to 10.06.2028

Project Summary: This project will assess the impact of large-scale electric vehicle (EV) charging infrastructure on distribution grids, focusing on power quality, operation, and protection. It will develop optimal planning models for EV charging and battery swapping stations by integrating transport patterns, grid constraints, and climate variability. Additionally, it will create algorithms for the optimal scheduling of EV charging and discharging to provide ancillary services, ensure grid stability, and enhance battery life. The outcomes will support coordinated planning, smoother grid operations, efficient integration of renewable energy, contributing to sustainable and resilient EV adoption by developing some software/Packages/Mobile Applications etc.

The details of the post are as follows:

Name of the Post: Project Associate-I [one position].

Required Qualifications:

Essential: B.E./B. Tech in Electrical Engineering having 7.5 CGPA or 70% marks with valid GATE score, OR M.E./M. Tech in Electrical Engineering having 6.5 CGPA or 60% marks with specialization in Power System/Power Electronics/Electrical Vehicles.

Desirable: Proficient in MATLAB programming with expertise of running the programs in Hardware in Loop using Real Time Simulators, expertise to develop mobile applications, expertise to develop Software/Webpage etc.

Fellowship & Other details: Rs.37000.00 + HRA as per Institute norms, maximum duration up to 10.06.2028

Financial assistance for attending Team meetings, Attending National conferences, etc. may be provided from the project fund.

The selected candidate may be encouraged to enroll in the Ph.D. program at NIT Durgapur as per the Ph.D. regulations of the Institute. The required NOC for the PhD program may be issued by the Principal Investigators based on the interest and performance of the selected candidate.

How to Apply:

Eligible and interested candidates are invited to apply for the position through E-mail (abhattacharya.ee@nitdgp.ac.in) **on or before 5.00 PM, 22nd July 2025**, as per the

given format below: The subject line of the e-mail should clearly state: "Application for the post of Project Associate-I in ANRF sponsored Project: GREET"

Mode of Selection:

Shortlisted candidates for Test/Interview will be informed via E-mail. The selection interview/test will be conducted offline in the Meeting room of Electrical Engineering Department, NIT Durgapur at **9:00 a.m. on 29th July, 2025.**

Interested candidates must appear in person with the completed application form and one set of photocopies of the following documents along with their originals:

- i) valid photo identity proof,
- ii) Date of Birth proof,
- iii) All qualified exam results & certificates,
- iv) Proof of experience/training etc.,
- v) BE/B.Tech & ME/M.Tech project/training reports,
- vi) other relevant documents as per the form, experience certificates, and SCI journal publications (if any).

Terms and conditions:

- (1) The above position is purely temporary, and is maximum up to 10.06.2028. However, the principal investigator may terminate the appointment, if the performance of the Project Associate-I will not be satisfactory.
- (2) Only eligible shortlisted candidates will be called for interview
- (3) Applications received after the specified deadline may not normally be considered.
- (4) No TA/DA will be paid for attending the interview.
- (5) Selected candidates will not be entitled to claim any regular appointment at this institute.
- (6) Selected candidate is expected to join immediately after recruitment
- (7) Other terms and conditions will be as per those of NIT Durgapur.
- (8) Canvassing in any form will disqualify the candidature.

Prof. Subrata Banerjee & Dr. Aniruddha Bhattacharya
Principal Investigators,

Contact Address:

Dr. Aniruddha Bhattacharya, Assistant Professor, Electrical; Engg. Dept., NIT Durgapur, M G Road, Durgapur, West Bengal, PIN 713209,
Email: abhattacharya.ee@nitdgp.ac.in; Mob No: +91 9434789044

APPLICATION FOR THE POST OF PROJECT ASSOCIATE-I
ADVT. NO.: NITD/SRCC/SB/AB/EE/2025-26/07/ADV/01, DATE: 09/07/2025

1.	Name in full (block letters)					Self-attested photograph
2.	Father's/Gurdain's Name					
3.	Date of Birth					
	Age as on 22.07.2025			Year	Month	
4.	a) Marital Status:		b) Gender:			
5.	a) Permanent address:		b) Correspondence address:			
	Mobile No.		E-mail			
6.	Nationality:					
8.	Category (OPEN/SC/ST/OBC-NCL/EWS):					

9. Educational Qualification (from Matriculation onwards):

Exam. Passed	Specialization	Board/University	Passing Year	Class	Marks/CGPA

10. Summary

GATE Qualified (YES/NO) If yes provide score & Year	Class 10 Marks in (%) only	10+2 Marks in (%) only	B. Tech (CGPA only)	M Tech (CGPA only)	Work Experience

11. Details of Employments/Training/Experience, if any:

12. Title of the ME/M Tech Project and brief summary (100 words):

13. Title of the BE/B Tech Project and brief summary (100 words):

14. Summary of the research/work experience (100 words):

15. Journal or Conference Publications, if any:

16. Field of interest:

17. Extracurricular Activities:

18. Any other relevant achievements:

"I hereby declare that the statements made by me in / above form are true, complete and correct to best of my knowledge and belief."

Place:

Date:

Signature of Applicant

Name: