

OFFICE OF THE DEAN (R & C), NIT, TIRUCHI
ADVERTISEMENT IN NITT WEBSITE FOR RECRUITMENT OF STUDENT INTERN
Interview

Dated: 28.04.2026

Applications are invited from Indian Nationals only for Project Positions as per the details given below, for research project, under the principal investigator **Dr. Suman M, Department of Electrical and Electronics Engineering** in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.

1. Title of the Project: **A Novel Resynchronization Methodology for Active Distribution Networks**
2. Funding Agency for the Project: **Anusandhan National Research Foundation (ANRF)**
3. Project Positions and Number: **Student Intern and 1**
4. Qualifications: **B.E. or B.Tech. in Electrical or Electrical and Electronics Engineering (pursuing/completed) (Preferably completing 3rd Year in April/May 2026)**
5. Emoluments (per month): **Rs. 5,000**
6. Duration: **From 2nd or 3rd week of May 2026 to 2nd or 3rd week of July 2026**
7. Interview Date: **12.05.2026, Reporting Time: 9.15 am, Venue: EEE Department (Only Offline)**
8. Application Form Submission: **06.05.2026, 23:59 (Through Google Form) (mandatory)**
9. Job Description:
 - a) To develop a Dedicated Distributed Generator (DDG) with Hybrid Energy Storage and Renewable Energy Resources.
 - b) To develop the control strategies for making the DDG to support resynchronization for the complete active distribution network (ADN) with the grid rather than the single/individual DG unit.
 - c) To develop the control strategies for making the DDG to act as Grid Forming Converters for the active distribution network, whereas the other DGs in the islanded microgrid continue to operate in PQ control mode.
 - d) To develop the control strategies in C2000 boards.

Preferable:

- 1) The candidate should be good in doing simulations in MATLAB/PSCAD.
- 2) The candidate should be good in modelling the microgrid.
- 3) The candidate should be good in writing coding in C2000 boards.

Instructions:

- A. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- B. **Fill the google form. It is mandatory to apply in google form. Only the shortlisted candidates will be informed through email on 07.05.2026. The PI has the rights to decide the shortlisting criteria to restrict the number of candidates for interview.**
- C. The google form link <https://forms.gle/vw3F1paqdo14KVMc8>

- D. For any clarification, please contact the PI by E-Mail: sumanm@nitt.edu with the subject marked as “Clarification on JRF Application- CRG/2023/004358”.
- E. Filled application form should be furnished only in the prescribed format and should be brought at the time of interview.**
- F. Candidates shall bring the original certificates of educational certificates at the time of interview for verification and also bring one set of attested copies of the same.**
- G. Please note that no TA/DA is admissible for attending the interview.
- H. The interview will be held at Electrical and Electronics Engineering Department on 12.05.2026 at 09.15 am (offline). The online interview request is not permitted.**

Dr. Suman M
Assistant Professor
Department of Electrical and Electronics Engineering

**OFFICE OF THE DEAN (R & C), NIT, TIRUCHI
RECRUITMENT OF TEMPORARY PROJECT STAFF --PRESCRIBED APPLICATION FOR STUDENT INTERN**

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant</p> <p style="text-align: center; margin-top: 20px;">Signature of the Application Screening Committee Chairman</p>	<p style="text-align: center;">Paste here your recent passport size colour Photograph</p>
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APPLICATION FOR THE POST OF STUDENT INTERN

1. Name of the Candidate in full	
2. Nationality	
3. Mother Tongue	
4. Date of Birth	Date Month Year
5. Sex	Male / Female
6. Marital Status	Married / Single
7. Category SC / ST / OBC / General	Please specify
8. Address for communication with Mobile number and E Mail ID	
9. Project Title	A Novel Resynchronization Methodology for Active Distribution Networks
10. Name of the Post applied for	Student Intern
11. Advertisement Number with Date	Not Applicable

Academic Career : Enclose photo copies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPF from HSC onwards

Name of Exam	School / University	Board/ University	Broad subjects of study	Year of Passing	% of marks / GCPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
Any other					

Enclose self-attested Xerox copies

12. GATE ScoreSubject
.....Year.....

13. NET Score
.....Subject.....Year.....

14. Work Experience/Research Experience

Organization	Designation	Duration		Nature of Job
		From	To	

14. Previous Research work and publication, if any (enclose copies of published or unpublished work)

15. Proof of past study as a sponsored candidate, or other contractual obligation, if any:

16. Reference

Name	Address	Phone & E Mail ID

17. I do not have a relative among Faculty and Staff of the NIT, Tiruchy.

18. Declaration: I do hereby that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date:

Full signature of the Applicant

- List of Enclosures: (1)
(2)
(3)
(4)