

OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI  
ADVERTISEMENT FOR RECRUITMENT OF JRF/PA-I

FORM No. 7

Ref No.: 734/26-27/ANRF/EEE/VVK/MP

Dated 06.07.2026

Applications are invited from Indian Nationals for Project Position as per the details given below, for research project under the principal investigator **Dr. V. Vignesh Kumar, Assistant Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.**

1.	Title of the Project	Renewable-Integrated Smart EV Charging Platform Featuring Reconfigurability, Interoperability, and grid interactive Management (RISE)
2.	Funding Agency for the Project specimen	Anusandhan National Research Foundation (ANRF)
3.	Project Positions and Number	Junior Research Fellow (JRF) / Project Associate (PA)-I No. of vacancies 1
4.	Qualifications	<b>For JRF:</b> B.E./B.Tech. in Electrical and Electronics Engineering or M.E./M.Tech. in Power Electronics/Power Electronics & Drives/Control Systems/Power systems or any other relevant specialization with valid GATE score. <b>For PA-I:</b> B.E./B.Tech. in Electrical and Electronics Engineering or M.E./M.Tech. in Power Electronics/Power Electronics & Drives/Control Systems/Power systems or any other relevant specialization. (Desirable: Candidates with M.E./ M.Tech in Power Electronics)
5.	Emoluments	<b>Junior Research Fellow (JRF) (Gate qualified candidates):</b> ₹37,000/- per month for the first two years and ₹42,000/- per month in the third year, subject to satisfactory performance and upgradation to Senior Research Fellow (SRF). <b>Project Associate-I (PA-I) (Non-Gate qualified candidates):</b> ₹30,000/- per month for the first two years and ₹33,000/- per month in the third year, subject to satisfactory performance and upgradation to Project Associate-II (PA-II).
6.	Duration	<b>3 years</b> , but initially for a period of ONE YEAR and will be extended up to the project end based on performance.
7.	Age limit and relaxation details	For JRF: 35 years, Age relaxation as per GOI norms Project Associate – I: 50 years.
8.	Job Description	<ul style="list-style-type: none"> <li>➤ Power Converters design for renewable integrated EV charging system</li> <li>➤ Perform simulation and hardware fabrication</li> <li>➤ Control methods implementation in digital platform</li> <li>➤ Conducting experiments, Testing and Validation of prototype</li> <li>➤ Purchase of Equipments and Components</li> <li>➤ Writing reports and technical articles</li> </ul> <p>Note: Selected candidates may register for M.S. (By Research) (for undergraduates)/Ph.D. (for postgraduates) programme, subject to the rules and regulations of NIT Tiruchirappalli.</p>

**ADDITIONAL INFORMATION:**

- A. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- B. Candidates desiring to appear for the Interview should send their duly filled applications (only in the prescribed format given in this advertisement) along with the relevant supporting documents as a single PDF file by email to **“[vvigneshkumar@nitt.edu](mailto:vvigneshkumar@nitt.edu)”**. The subject line of the email must be written as **“Application for JRF/Project Associate-I Position– ANRF”**.
- C. All supporting documents should be scanned along with the filled application and emailed as single pdf file.
- D. The relevant supporting documents include qualifying degree certificates and mark sheets/grade cards showing the percentage of marks or CGPA from SSLC/10th onwards, experience certificates, etc.
- E. Candidates should bring the original certificates with them during the interview for verification.
- F. One self-attested photocopy of all supporting documents should be submitted at the time of interview.
- G. Please note that no TA/DA is admissible for attending the interview.
- H. The last date for submission of the duly filled application is **27<sup>th</sup> July,2026, 5 pm**
- I. The interview date will be communicated to the shortlisted candidates by E-mail only.
- J. Preference will be given to the candidate who has a good academic record, research potential, and relevant experience. The selection committee decision is final.
- K. The interview will be conducted during the **second week of August** at NIT Tiruchirappalli. Selected candidates are expected to join immediately.
- L. For any details, please contact PI through mail id: [vvigneshkumar@nitt.edu](mailto:vvigneshkumar@nitt.edu)



Signature of the Principal Investigator

(Dr. V. Vignesh Kumar)

**OFFICE OF THE DEAN (R & C), NIT, TIRUCHI  
APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF) / PROJECT ASSOCIATE -I (PA-I)**

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant .....</p>  <p>Signature of the Application Screening Committee Chairman</p>	<p>Paste here your recent passport size colour Photograph</p>
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**APPLICATION FOR THE POST OF JRF / (PA-I)**

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	
10. Name of the Post applied for	JRF / PA-I
11. Advertisement Number with Date	

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/NET Score .....Subject  
.....Year.....

13. Have you or your relatives associated with NIT Tiruchirappalli? (if yes, provide the details)

14. Have you already associated/associating with NIT Tiruchirappalli.(Student/Project staff, etc.,)? (if yes, provide the details)

position	Duration		Nature of Job
	From	To	

15. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

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

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

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18. Reference

Name	Address	Phone & E Mail ID

19. 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/consultancy 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)