

OFFICE OF THE DEAN (R & C), NIT, TIRUCHI  
**ADVERTISEMENT IN NITT WEBSITE FOR RECRUITEMENT OF JRF**

**20<sup>th</sup> August 2018**

Applications are invited from Indian Nationals only for Project Position as per the details given below, for consultancy / research projects, under the Project Investigator **Dr. G. Saravana Ilango, Associate Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.**

1.	Title of the Project	<b>Development of Modular Multilevel Converter for Enhancing Power Quality and PV Output Power under Partial Shading Conditions in Grid-Connected PV</b>
2.	Funding Agency for the Project specimen	<b>Science and Engineering Research Board.</b>
3.	Project Positions and Number	<b>Junior Research Fellow - 01</b>
4.	Qualifications	<b>B.E./B.Tech in Electrical and Electronics Engineering and M.E./M.Tech in Power Electronics with minimum of 70% in both UG and PG from recognized University/ Institute. Preferably age should be less than 30 Years</b>
5.	Emoluments	<b>JRF @ Rs.25,000/- pm plus 20% HRA  @ Rs. 28,000/- pm plus 20% HRA from the third year of the project (After the project progress review)</b>
6.	Duration	<b>3 Years.</b>
7.	Job Description	<b>1. Study and simulate the characteristics of SiC Devices. 2. Purchase of equipments and components for the project. 3. Fabrication of modular multilevel converter and implementation of MPPT. 4. Evaluate and analyze the performance. 5. The candidate selected as JRF is eligible to register for pursuing Ph.D. programme as per NITT rules and regulations after fulfilling requirements of Ph.D. programme.</b>

- 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 submit their application with all necessary documents to the Project Investigator through registered/speed post with “**JRF-SERB**” mentioned in the Post.
- Filled in application form should be furnished only in the prescribed format.
  - Self-attested copies of mark sheets, degree certificate and experience certificate.
- C. The duly filled in application form should reach before 4 pm of October 1 st, 2018 in prescribed format.
- D. Candidates shall bring along with them the original certificates at the time of interview for verification.
- E. The interview will be held in EEE Department, NIT Tiruchirappalli and the date of interview will be communicated for the shortlisted candidates.
- F. Please note that no TA/DA will be admissible for attending the interview.
- G. The selection committee decision is final. If found to Canvass any application form, the candidate selection shall be summarily rejected.

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

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant                  .....</p> <p style="text-align: center;">Signature of the Application Screening Committee Chairman</p>	<p>Paste here your recent passport size colour Photograph</p>
---	---

**APPLICATION FOR THE POST OF RESEARCH ASSOCIATE JRF**

1. Name of the Candidate	
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	

Academic Career : Enclose self attested Xerox copies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPA 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					

9. GATE Score .....Subject .....Year.....

10. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

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

---

---

---

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

---

---

---

13. Reference

Name and Designation	Address	Phone & e-mail id

14. I do not have a relative among Faculty and Staff of the NIT, Trichy.

15. 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)