

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015  
TEL: 0431 – 2503353, FAX: 0431 – 2500133**

NITT/ECE/IMP/001932/2022/1

20.5.2022

**ADVERTISEMENT FOR THE TEMPORARY POST OF JRF IN ECE DEPT**

Applications are invited from eligible candidates for the temporary position of **Junior Research Fellow (JRF)** post for **IMPRINT II** sponsored research project titled “**Design and development of a dual band RF Energy Harvester for Wireless Sensor Networks using Aerosol Jetting Technology**” in the Department of Electronics & Communication Engineering, National Institute of Technology, Tiruchirappalli.

<b>Position:</b>	<b>Junior Research Fellow (JRF)</b>
<b>Number of post:</b>	01
<b>Essential qualification:</b>	<p>B.E/B.Tech in Electronics &amp; Communication Engineering and M.E/M.Tech or Equivalent in Electronics and Communication Engineering (Communication Systems/ RF and Microwave Engineering/ Antenna Design etc.) selected through any one of the following</p> <p>a) National Eligibility Tests –CSIR –UGC NET including lectureship (Assistant Professorship) and GATE.</p> <p>b) The selection process through National level examinations conducted by Central Government Departments and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.</p> <p>Candidates having NO GATE Score also eligible to apply.</p>
<b>Salary (Consolidate):</b>	Rs. 31,000 per month + applicable HRA or 35,000 per month + applicable HRA (For Candidates Having research experience more than 2 Years.
<b>Duration of tenure:</b>	7 Months
<b>Job Description:</b>	<ol style="list-style-type: none"><li>1. Purchase of equipment and components for the project</li><li>2. Simulation, Fabrication, Experimental verification and implementation of the RF energy Harvester.</li></ol>

3. Documentation of the results.

**Additional Information:**

**1. Preference will be given to the candidate who is having good research experience, prior research publication in reputed journals and relevant experience**

2. Eligible candidates may fill their online applications on prescribed format along with supporting documents through the link <https://forms.gle/6dC9J8MxLsa1yGEr9>

The last date for receipt of applications (hardcopy) is **4.06.2022**. The date of interview/test will be communicated for the shortlisted candidates by E-mail

4. No T.A/D. A will be paid for attending the interview.

5. Interview will be held at NIT Tiruchirappalli / through online.

6. Selected candidates are expected to join immediately

7. Contact email ID: sskclassroom01@gmail.com

**Dr. S. S. Karthikeyan**  
**Principal Investigator**

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

<p>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>
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**APPLICATION FOR THE POST OF RA**

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					
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 Score

.....Subject.....Year.....  
 .....

13. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

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

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15. Reference

Name	Address	Phone & E Mail ID

17. **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)