

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

NITT/ECE/IMPRINT II/2019/2

7.8.2019

**ADVERTISEMENT FOR THE TEMPORARY POST OF RA 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>	B.E/B.Tech in ECE/EEE/E&I with M. E/ M. Tech or Equivalent in Electronics and Communication Engineering (Communication Engineering/RF and Microwave Engineering/ Antenna Design) with minimum of 65% marks or 7.5 CGPA from recognized University/ Institute.
<b>Salary (Consolidate):</b>	Rs. 25,000 per month + HRA for initial Two years, Rs. 28,000 per month + HRA for Third Year. (May be revised)
<b>Duration of Project:</b>	3 years
<b>Tenure of Assignment:</b>	1 year, extendable further two more years till the completion of Project based on performance
<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><li>3. Documentation of the results.</li></ol>
<b>Additional Information:</b>	<ol style="list-style-type: none"><li>1. <b>Selected candidates with ME/ M.Tech qualification will be encouraged to register Ph.D. programme as per NIT Trichy regulations in the upcoming academic session.</b></li><li>2. Preference will be given to the candidate who is having good academic record, research potential and relevant experience</li></ol>

3. Eligible candidates may send their applications on **prescribed format** along with supporting documents by post/courier to **Dr. S. S. Karthikeyan, Assistant Professor, Department of ECE, National Institute of Technology, Tiruchirappalli – 620 015** with the subject marked as “**JRF- IMPRINT-II, 2019**”. The last date for receipt of applications (hardcopy) is **25.08.2019**. The date of interview 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

6. Selected candidates are expected to join immediately

**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					
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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)