

OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI  
**ADVERTISEMENT FOR RECRUITMENT OF PROJECT STAFF**

**NITT/Project/DRDO/ECE/HK**

Dated 13/08/2024

Applications are invited from Indian Nationals only for the Project Position of JRF/PA-I/PA-II as per the details given below, for the research project under the principal investigator **Dr. Hemant Kumar**, in the Electronics & Communication Engineering Department, National Institute of Technology, Tiruchirappalli.

1. Title of the Project: **Design of Unidirectional Antennas using High Impedance Surfaces**
2. Funding Agency for the Project specimen: DRDO
3. Project Positions and Number: **JRF/PA-I/PA-II (Total Vacancies = 01)**
4. Qualifications: **For JRF:** (Age Limit 28\* Years)  
B.E/B.Tech in Electronics / Electronics & Communication Engineering / relevant specialization with First Division and a Qualified GATE

or

M.E/M.Tech in Electronics / Electronics & Communication Engineering / relevant specialization with First Division both at Graduate and Post Graduate level.

\*The upper age limit is relaxable up to 05 years in case of candidates belonging to Scheduled Castes and Scheduled Tribes and up to 03 years in case of candidates belonging to OBC.

**For Project Associate-I:** (Age Limit 35 Years)

B.E/B.Tech or M.E/M.Tech in Electronics / Electronics & Communication Engineering / relevant specialization from a recognized university or equivalent.

**For Project Associate-II:** (Age Limit 35 Years)

B.E/B.Tech or M.E/M.Tech in Electronics / Electronics & Communication Engineering / relevant specialization from a recognized university or equivalent with 2 years of experience in the relevant field to the project.

**Desirable:** Understanding the fundamentals of antennas theory, working knowledge of CST Microwave Studio / HFSS, Good technical paper writing skills

5. Emoluments:

**For JRF:** Rs. 31,000/- + HRA

**For Project Associate – I:** Rs. 25,000/- + HRA

**For Project Associate – II:** Rs.28,000/- + HRA

6. Duration: **9 months (Initially for 3 months, extendable up to 9 months)**

7. Job Description:

Detailed study related to the project, perform simulations using CST/HFSS, Writing reports and technical articles.

**Additional Information:**

- A. Candidates, before appearing for the interview, shall ensure that they are eligible for the position they intend to apply.
- B. Eligible candidates may send the scanned copy of their duly filled applications (only in the prescribed format given below) along with the relevant supporting documents by email to: **hemant@nitt.edu** with the email subject marked as “**Application for <JRF/PA-I/PA-II, whichever applicable>– DRDO**”
- C. Mere fulfilling the above criteria will not be sufficient. The higher criteria for selecting the candidates may be imposed based on the number of applications. Preference will be given to the candidate with a good academic record, valid GATE score, research potential, and relevant experience. However, the selection of the candidate would be based on their performance in the Interview.
- D. Candidates shall bring their original certificates for verification during the interview.
- E. The interview date will be communicated to the shortlisted candidates by Email. Please note that no TA/DA is admissible for attending the interview.
- F. The selection committee decision is final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected.
- G. The interview will be held at NIT Tiruchirappalli. Selected candidates are expected to join immediately.
- H. The last date for receipt of applications is **31.08.2024 5:00 PM**
- I. For any clarification, PI can be reached through the mail id: [hemant@nitt.edu](mailto:hemant@nitt.edu)

**Dr. Hemant Kumar**  
**(Principal Investigator)**

OFFICE OF THE DEAN (R & C), NIT, TIRUCHI  
**RECRUITMENT OF TEMPORARY PROJECT STAFF --PRESCRIBED APPLICATION FOR THE  
 POST OF RESEARCH ASSOCIATE / JRF / SRF / TECHNICAL STAFF – SPECIMEN TEMPLATE**  
*(Important note: This is specimen template. Project Investigator can modify according to his requirement)*

<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 RESEARCH ASSOCIATE / JRF / SRF/ TECHNICAL STAFF**

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. NET Score

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

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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)