

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**  
**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620**  
**015 TEL: 0431 – 2503365, FAX: 0431 – 2500133**

**NITT/ECE/ISRO/RES/3/877/21-22/JRF**

**15-09-2021**

**ADVERTISEMENT**

Applications are invited from eligible candidates for the position of **Junior Research Fellow (JRF)** for the **ISRO-RESPOND** project titled “**Machine Learning/Artificial Intelligence (ML/AI) Hardware/Software Framework for Vyomnoids**” in the Department of Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli.

Position	No of vacancy	Essential Qualification
JRF	01	B.E/B.Tech in Electronics & Communication Engineering and M.E/M.Tech in Electronics and Communication Engineering (Embedded System/VLSI/ Signal Processing/Image Processing) with a qualified GATE score obtained in the last four years from the closing date of application form with 60% (or above) aggregate marks (CGPA $\geq$ 6.5/10) in UG and PG <b>Desirable Requirements:</b> Minimum 1-year experience on FPGA tool and exposure to Hardware Description Languages such as Verilog
JRF	01	Master’s degree in Computer Applications or M.Sc. (Computer Science/OR&CA) with a qualified GATE score (obtained in the last four years from the closing date of application form) /NET/UGC/CSIR/NBHM score and a minimum of 60% (or above) aggregate marks (CGPA $\geq$ 6.5/10) in UG and PG  OR Master’s degree (M.E. / M.Tech.) in Computer Science and Engineering or Data Analytics with a qualified GATE score obtained in the last four years from the closing date of application form with 60% (or above) aggregate marks (CGPA $\geq$ 6.5/10) in UG and PG <b>Desirable Requirements:</b> Knowledge and experience in Deep Learning/Machine Learning
Salary	31000+16% HRA for the first 2 years and 35000+16% HRA for third year	
Duration of Project	36 Months (extension based on performance review every 12 months)	

- 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: **jrformicainitt@gmail.com** with the subject marked as “**JRF Application-ISRO RESPOND PROJECT**”.
- Preference will be given to the candidate who is having good academic record, research potential, and relevant experience. However, the selection of the candidate would be based on their performance in the Written Test and Interview.
- The date of written test and interview will be communicated to the shortlisted candidates by **E-mail**. No T.A/D. A will be paid for attending the written test and the interview.
- The selection committee decision is final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected.
- **Age of the applicant should be less than 27 years as on the closing date of application**
- The candidate selected as Junior Research Fellow, will be permitted to register for PhD programme as per NITT rules and regulations.
- The last date for receipt of applications is **30.09.2021**

**Dr. Varun P. Gopi (Principal Investigator)**

Assistant Professor Grade-I,  
Department of Electronics and Communication Engineering  
National Institute of Technology, Tiruchirappalli – 620015.

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

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant .....</p> <p style="text-align: center; margin-top: 20px;">Signature of the Application Screening Committee Chairman</p>	<p style="text-align: center;">Paste here your recent passport size color Photograph</p>
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**APPLICATION FOR THE POST OF RESEARCH ASSISTANT / JRF**

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					
PhD					

**Enclose self-attested Xerox copies**

13. GATE Score..... Subject  
..... Year.....

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

20. 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)