

**ADVERTISEMENT FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)**

Dated 16-02-2024

Applications are invited from Indian Nationals only for Project Positions as per the details given below, for research project, under the principal investigator **Dr. Varun P. Gopi, Department of Electronics and Communication Engineering, in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.**

Title of the Project: **Automated Segmentation and Analysis of Neonatal and Infant Brain Magnetic Resonance Images**

1. Funding Agency for the Project: SERB
2. Project Positions and Number: **Junior Research Fellow (JRF)-01**
3. Qualifications: Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:
  - a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
  - 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.

**Desirable Requirements:** B. E/ B. Tech in Electronics & Communication Engineering with Minimum of 65% marks or 6.5 CGPA from a recognized University/ Institute and M. E/ M. Tech/ M.S. in Signal Processing/Image Processing/any other specialization in ECE selected through GATE with 65% marks or 6.5 CGPA. Knowledge and experience in Deep Learning / Machine Learning and Biomedical Signal Processing.

4. Emoluments: 31000+16% HRA for the first 2 years and 35000+16% HRA for third year
5. Duration: 36 Months (extension based on performance review every 12 months)
6. Job Description: Data collection, Execution of the project, Report and Technical article preparation
- 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: **jrfmicainitt@gmail.com** with the subject marked as “**JRF Application-SERB PROJECT**”.
- C. Application should be furnished only in the prescribed format.
- D. Experience including research, industrial field and others.
- E. Attested copies of degree/ certificate and experience certificate.
- F. Candidates shall bring along with them the original certificates at the time of interview for verification.
- G. Please note that no TA/DA is admissible for attending the interview.
- H. The last date and time of submission of duly filled in application **08.03.2024 at 5 P.M.**
- I. The date of interview will be communicated to the shortlisted candidates by **E-mail**.

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

<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 colour Photograph</p>
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**APPLICATION FOR THE POST OF 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						
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)