

OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI
ADVERTISEMENT FOR RECRUITMENT OF JRF

Ref.: NITT/SEED/TIDE/DST/2026/GC

Dated: 02.09.2026

Applications are invited from Indian Nationals for Project Positions as per the details given below, for research projects under the principal investigator **Dr. Geetha Chakaravarthi, Assistant Professor, Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.**

1.	Title of the Project	:	Design and Development of a Non-Invasive RFID-based wearable sensor system for the detection of atrial fibrillation in the elderly
2.	Funding Agency	:	Science for Equity Empowerment and Development (SEED), Technology Interventions for Disabled and Elderly (TIDE), DST.
3.	Project Positions and Number	:	Post Vacant: Junior Research Fellow (JRF)/ Project Associate-1 No. of Vacancies: 1
4.	Qualifications	:	JRF: B.E/B.Tech with first class in Biomedical/ECE/EEE/ICE/EIE /Allied Circuit Branches, from UGC recognized University/College and with GATE Qualification. Preference: M.E/M.Tech in Biomedical/ Instrumentation/ Allied Circuit Branches, from UGC recognized University/College (First Class i.e., 60% or 6.5 CGPA). Project Associate-1: B.E/B.Tech with first class in Biomedical/ECE/EEE/ICE/EIE /Allied Circuit Branches, from UGC recognized University/College. Preference: M.E/M.Tech in Biomedical/ Instrumentation/ Allied Circuit Branches, from UGC recognized University/College (First Class i.e., 60% or 6.5 CGPA).
5.	Emoluments	:	For GATE Qualified candidates: Rs. 37,000/- + HRA (first two years) and Rs. 42,000/- + HRA (3 rd year) For Non-GATE candidates: Project Associate-1: First two years Rs. 30,000/-+HRA and 33,000/- + HRA for 3 rd year.
6.	Duration	:	Maximum 3 years (Initially 3 months and will be Extended up to 3 years)
7.	Age Limit and Relaxation Details	:	32 years (relaxation as per GoI norms)
8.	Job Description	:	❖ To carry out purchase and procurement activities related to the project. ❖ To perform design and development of passive, RFID-based wearable sensor system and prototype validation.

		❖ To perform extensive data collection from elderly subjects using the developed prototype and conventional ECG measurements, perform clinical disease analysis. ❖ Data Analysis and Report Generation ❖ Writing technical articles
9.	Mode of Application	: Interested candidates should submit their applications in the prescribed format attached below (also available online on institute website www.nitt.edu) by 17th September 2026 . Eligible candidates may send the scanned copy of their duly filled applications along with the relevant supporting documents (Copies of degree certificates and other relevant documents as per instructions given below) to geethac@nitt.edu as a single PDF document.
10	Contact Details of PI	: Dr. Geetha C (Principal Investigator), Assistant Professor, Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India, 620015. Email: geethac@nitt.edu
11	Important Note	: Only shortlisted candidates will be intimated by email and will have to appear for interview in OFFLINE MODE on the date communicated through email. All the original documents will be verified before appearing for interview and candidate has to submit one self-attested copy of all the relevant documents. Candidates failing to produce documents in original on the day of interview may submit a declaration. If selected, the candidate must produce all the original documents during physical reporting. If anything is found wrong, the applicant's selection shall stand cancelled. Fellowships / Stipends to the students shall be paid post physical verification of documents.

Additional information:

- Upon appointment, opportunity to register for a Ph.D. program at NIT, Tiruchirappalli subject to fulfilment of institute norms, will be provided.

Age Limit:

- JRF/ PA-I: The upper age limit is 32 years as on the closing date of advertisement. The upper age limit shall be relaxed to the candidates belonging to SC/ST is 5 years and OBC is 3 years.
- Only eligible candidates will be called for interview after screening and shortlisting process by the selection committee.
- For JRF, GATE paper and subject of qualifying degree must be related to the subject/discipline against which the candidate is applying.
- Candidates serving in Govt. or in Govt. owned organization will be required to produce "NOC" from their respective Department/Employer at the time of interview failing which the candidate will not be allowed to appear for the interview or they should apply through proper channel.

General Instructions:

- Application should be furnished only in the prescribed format (Form 8 attached with the advertisement).
- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- Candidates shall attach the following certificates along with their application- B.E/ B.Tech degree certificate and consolidated grade card, M.E /M. Tech degree certificate and consolidated grade card, 12th or equivalent certificate, 10th (SSLC) certificate, GATE score card, proofs for age, category (if required) and NOC from organizations (if required).
- Incomplete applications will be rejected.
- Only those candidates who have been awarded Degree/Provisional Certificate are eligible to apply for the position.
- Copies of supporting documents should be scanned and emailed together with the application. All supporting documents should be submitted as a single PDF file.
- Candidates need to produce Original Certificates/Testimonial for proof of Category, Age, Educational Qualifications, GATE score, B.E./B.Tech. and M.E./M.Tech. marks memos and No Objection Certificate (where applicable) at the time of interview. One self-attested photocopy of all above documents should be submitted at the time of interview.
- Please note that no TA/DA is admissible for attending the interview.
- Candidates should make their own arrangement for their stay and transport to NIT, Trichy.
- It may please be noted that offer of Fellowship will under no circumstances confer on candidates any right of absorption in NIT, Trichy. NIT reserves the right to cancel the fellowship at any point of time if the JRF/ PA-I candidate found not suitable after selection.
- Award of Fellowship shall not be claimed by any candidate as a matter of right. It shall be entirely at the discretion of the Selection Committee, which may refuse to admit any candidate without assigning any reason thereof.
- The last date and time of submission of duly filled in application **17.09.2026, 11:59 pm.**
- Applications should be submitted (only in the form of softcopy PDF form) with all necessary documents through email to geethac@nitt.edu.

Signature of the Principal Investigator
(Dr. Geetha C)

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)

For Office Use only Serial Number allotted to the Applicant Signature of the Application Screening Committee Chairman	Paste here your recent passport size colour Photograph
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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/NET ScoreSubject
.....Year.....

13. Have you or your relatives associated with NIT Tiruchirappalli? (if yes, provide the details)

14. Have you already associated/associating with NIT Tiruchirappalli. (Student/Project staff, etc.,)? (if yes, provide the details)

position	Duration		Nature of Job
	From	To	

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)

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

18. Reference

Name	Address	Phone & E Mail ID

19. 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/consultancy 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)