

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015

NITT/ICE/DST-SEED/TIDE/2022

10th March 2022

ADVERTISEMENT

Applications are invited from eligible candidates for the position of **Junior Research Fellow (JRF)** for the DST-TIDE project titled “**Development of Novel Sensing Device for Evaluating Sensory Impairment on Diabetic Foot to Detect Ulcer Risk Areas at Early Stage**” in the Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli.

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| Position & Number of Vacancy | Junior Research Fellow (JRF) - 1 |
| Essential Qualification | B.E/B.Tech in Instrumentation /Electronics and Communication/Biomedical/ /Electrical and M.E/M.Tech in Instrumentation/Biomedical/Medical electronics/Signal processing/ Electronics/ Embedded system and related fields with a minimum of 60% (or above) aggregate marks (CGPA \geq 6.5/10) in UG and PG. Applicants who have not qualified in GATE/equivalent national level test are also eligible to apply |
| Salary | Rs. 25000 + 16% HRA per month |
| Job Description | <ul style="list-style-type: none">• To design a hardware to generate Vibration stimulus with particular frequency and amplitude.• To design and Fabricate the ‘Vibration Stimulus Foot Platform’ with contact electrodes.• To Design a software to compute VPT and rule-based characterization of the level of sensation.• Purchase of equipment and components for the project• Data collection, Analysis and documentation of results. |
| Duration of Project | 36 Months (Tenure extension based on fund availability, and 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 **in .pdf format** by email to: perivasamvr@nitt.edu & perivasamy25@gmail.com with the subject marked as “**JRF Application for DST-TIDE PROJECT(NITT/ ICE/DST- SEED /TIDE/2022) - <Your Name>**”.

- 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 Interview.
- The date of written test/interview, and mode of 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 less than 35 years as on the closing date of application is preferable.**
- **The candidate selected as Junior Research Fellow/Project Assistant, will be permitted to register for PhD programme as per NITT rules and regulations.**

- The last date for receipt of applications is till **04.04.2022, 11:59 PM**

Dr. R. Periyasamy (Principal Investigator)

Assistant Professor

Department of Instrumentation and Control Engineering,

National Institute of Technology, Tiruchirappalli – 620015

Email ID: periyasamyr@nitt.edu & periyasamy25@gmail.com

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

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|--|--|
| <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

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|---|------------------------|----------------------|-------------------------------|--------------------|----------------------|
| 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.....
.....

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 |
|------|---------|-------------------|
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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)