OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI

ADVERTISEMENT FOR RECRUITEMENT OF PROJECT STAFF (JRF)

NITT/ICE/CRG/2023/07424/JRF   Date: 24.04.2024

Applications are invited from Indian Nationals only for Project Positions as per the details given below, for a research project, under the principal investigator **Dr. P. A. Karthick,** Assistant Professor, Department of Instrumentation and Control Engineering in National Institute of Technology, Tiruchirappalli-15.

Title of the Project:	Development of Physics Informed Machine Learning Model for the Prediction of Fatigue in Calf Muscles
Funding Agency for the Project:	Science and Engineering Research Board (SERB)
Project Positions and Number:	Junior Research Fellow (JRF)/PA I/PA II Vacancy=1(ONE)
Essential Qualifications:	B.E/B.Tech in Instrumentation & Control (or) Electronics and Instrumentation (or) Electronics and Communication (or) Biomedical Engineering qualified in first class and M.E/M.Tech with First class in any discipline who is having relevant research experience in biomedical signals, system and images.
Emoluments:	For GATE qualified candidates –Rs 31,000/- and Rs 35,000 For Non-GATE Qualified Candidates: 1. Project Associate II (with 2 years' relevant experience) – Rs. 28,000/- 2. Project Associate I – Rs. 25,000/-
Upper Age Limit	35 years (In exceptional case, the age may be relaxed for experienced/deserving candidates)
Duration:	One year and extendable to two more years based on the performance of the candidate.
Job Description:	➤ To design experimental protocol and record biosignals ➤ To analyze the signals and develop learning models ➤ Test and validate the models ➤ Visit to the collaborative sports centers and laboratories in medical universities ➤ Participation in lab meetings and seminars ➤ Documentation

ADDITIONAL INFORMATION:

1. Selected candidates will be encouraged to register for the Ph.D. as per Institute regulations in the upcoming academic session.

2. Mere fulfilling the above criteria will not be sufficient. The higher criteria for the selection of the candidates may be imposed based on the number of applications

3. Eligible candidates desiring to appear for the interview may send their duly filled applications (only in the prescribed format given in this advertisement) along with the relevant supporting documents as a single PDF file by email to "**pminitt@gmail.com**". The subject line of the email must be written as "Application for JRF Position– SERB"

4. The relevant supporting documents include qualifying degree certificates and mark sheets/grade cards showing the percentage of marks or CGPF from SSLC/10th onwards, experience certificates, etc.

5. Candidates should bring the original certificates with them during the interview for verification.

6. Please note that no TA/DA is admissible for attending the interview

7. The last date for submission of the duly filled application is **16th May 2024, 5 pm**

8. The interview date will be communicated to the shortlisted candidates by E-mail only.

9. The interview will be held at NIT Tiruchirappalli. Selected candidates are expected to join immediately.

10. Preference will be given to the candidate who has a good academic record, research potential, and relevant experience.

11. The selection committee decision is final. If any applicant is found to canvass in any manner, the candidate selection can be summarily rejected.

12. For any clarification, PI can be reached through the mail id: **pakarthick@nitt.edu.**

Dr. P. A. Karthick,
Principal Investigator (PI),

OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI
RECRUITMENT OF TEMPORARY PROJECT STAFF --PRESCRIBED APPLICATION FOR THE POST OF TECHNICAL STAFF

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

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 photocopies 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……………………………………………

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 the Faculty and Staff of the NIT, Trichy.

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 the Project associated with it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat/appointment allotted to me at any time in future and legal action be taken against me.

Date: Full signature of the Applicant

 List of Enclosures: (1)

                                 (2)

                                 (3)

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