

Date: 08-12-2023

Ref: No. MOE/SAP22-NITTiru-014/F.No. 11017/02/2022-EBSB dated 22nd March 2023

Applications are invited from Indian Nationals for one temporary position of **Junior Research Fellow (JRF) [OR] Project Associate** as per the details given below, for the **Ministry of Education** approved Swachhta Action Plan (**SAP phase II**) research project under the Principal investigator **Dr.S.PrasannaVenkatesan, Associate Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu, email: prasanna@nitt.edu, (mo) 09345120537, (off) 0431-2503514.**

1. Title of the Project : **Development of an open-source decision support tool for refurbishment of End of life (EOL) personal computers/laptops with a focus on higher education institutions**
2. Funding Agency for the Project: **Ministry of Education (MoE)**
3. Project Positions and Number: **Junior Research Fellow (JRF) - One**
4. Qualifications : **Essential: M.E/ M.Tech (Industrial Engineering/Production and Industrial Engineering/Industrial Engineering and Management/ *any relevant branch of engineering*) with B.E./B.Tech. (Mechanical Engineering /Production Engineering /Industrial Engineering/*any relevant branch of engineering*) with a valid GATE score.**
Desirable: knowledge on machine learning, modeling and optimization.
[OR]
Project Associate - One
Essential: M.E/ M.Tech (Industrial Engineering/Production and Industrial Engineering/Industrial Engineering and Management/ *any relevant branch of engineering*) with B.E./B.Tech. (Mechanical Engineering /Production Engineering /Industrial Engineering/*any relevant branch of engineering*).
Desirable: knowledge on machine learning, modeling and optimization.
5. Emoluments : **37000 + 16% HRA - (per month) for JRF [OR]
28000 + 16% HRA – (Per month) for Project Associate**
6. Duration : **30 Months**
7. Job Description : **To pursue research in EOL PC/laptop refurbishment using machine learning and optimization**
(The candidate selected as JRF/PA is eligible to register for pursuing Ph.D. programme as per NITT rules and regulations after fulfilling requirements of Ph.D. programme)

- A. Candidates before applying shall ensure that they are eligible for the position they intend to apply.
- B. Interested candidates should submit their applications with the following documents to the office of the above-mentioned Principal Investigator through Registered Post.**
- C. Application should be furnished only in the prescribed format.
- D. Mention experience including research, industrial field and others.
- E. Enclose attested copies of degree certificate and experience certificate.
- F. Shortlisted candidates will be called for written test/presentation and interview. 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 of submission of duly filled in application is 29/12/23.** The application should be submitted only in the prescribed format.

Dr.S.Prasanna Venkatesan
Principal Investigator

**OFFICE OF THE DEAN (R & C), NIT, TIRUCHI
RECRUITMENT OF TEMPORARY PROJECT STAFF --PRESCRIBED APPLICATION FOR THE POST OF 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 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 ScoreSubject
.....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)

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

16. Reference

Please provide two references.

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 declare 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)