

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

ADVERTISEMENT IN NITT WEBSITE FOR RECRUITMENT OF PROJECT STAFF-JRF

Dated 24-11-2023

Applications are invited from Indian Nationals only for Project Positions as per the details given below, for research project, under the principal investigator **Dr. Ila Mani Pujitha** Assistant Professor, **Department of Metallurgical and Materials Engineering, in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.**

1. Title of the Project: **Fabrication of NASICON-structured Flexible Nanofibrous Electrolyte Sheets for All-Solid-State Sodium-Ion Batteries**
2. Funding Agency for the Project: SERB-SRG
3. Project Positions and Number: Junior Research fellow (JRF) -01
4. Qualifications:
 - Post graduate degree (MTech or MSC or MS in Metallurgical and Materials Science and Engineering, Chemical Engineering, Chemistry, Physics, Ceramics, Nanotechnology, and any relevant Material Engineering branches.
 - Work experience in electrospinning, material synthesis and characterization are preferable.
 - Valid GATE/ NET score is required as for the SERB guidelines. In case if no candidates are found with GATE/NET score other candidates will be considered as per SERB guidelines SB/S9/Z-07/2020
5. Emoluments: **Rs. 31000** (+16% HRA, if hostel not availed) for month
6. Duration: **1 year (with a possible extension)**
7. Job Description: Employing Electrospinning for fabricating flexible inorganic solid-state electrolytes and using them in sodium-ion batteries. Project involves battery fabrication, battery testing, and material characterization.
 - A. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 - B. Candidates desiring to appear for the Interview should submit their applications with the following documents to the Office of the Principal Investigator through Registered/Speed Post.
 - 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 11 December 2023 and 18.00 hours. The application should be submitted only in the prescribed format.
- I. The interview schedule for the shortlisted candidates will be intimated through e-mail.
- J. A candidate with an excellent academic record, research potential, and relevant experience will be given preferences. However, the selection of the candidate would be based on their performance in the interview.
- K. The decision of the selection committee is final and binding.
- L. The application should be submitted only in the prescribed format. Interested candidates may send their applications in prescribed format along with supporting documents by post/courier to Dr. Illa Mani Pujitha, Assistant Professor, Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu with the subject marked as "Application for the post of Junior Research Fellow SERB"

I. Mani Pujitha

Dr. Illa Mani Pujitha

Name and Signature of the 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;">Signature of the Application Screening Committee Chairman</p>	<p style="text-align: center;">Paste here your recent passport size colour Photograph</p>
--	---

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 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

Name	Address	Phone & E Mail ID

17. I do not have a relative among Faculty and Staff of the NIT, Tiruchi.

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)