

ADVERTISEMENT FOR RECRUITMENT OF JRF

Ref. No: YS/PD-IP/345

23rd MAY 2022

Applications are invited from eligible Indian Nationals only for the position of Junior Research Fellow for the ISRO-STIC sponsored research project under the principal investigator **Dr.Shelas Sathyan, Assistant Professor, Department of Electrical and Electronics Engineering, in National Institute of Technology, Tiruchirappalli-15**, Tamil Nadu. The details of the project are given below.

1.	Title of the Project	Development of Bi-directional Battery Charger- Discharge Regulator (BCDR)
2.	Funding Agency for the Project specimen	Indian Space Research Organisation (ISRO)
3.	Project Positions and Number	JRF and 01 (Electrical-1)
4.	Qualifications	<ul style="list-style-type: none"> ▪ M.E / M-Tech/MS Specialized in Power Electronics /Power Systems. ▪ Minimum 60% or 6.5 CGPA in UG and PG from a recognized University/ Institute. ▪ Candidates with qualified GATE score will be given priority. ▪ Applicants who have not qualified in GATE/equivalent national level test are also eligible to apply. ▪ Selected candidates may have a chance to register for the Ph.D. at NIT Tiruchirappalli.
5.	Salary	Rs. 36,580/- (Rs.31,000/- plus 18% HRA)
6.	Duration	24 Months (Tenure extension based on the performance review for every 12 months)
7.	Job Description	<ul style="list-style-type: none"> ▪ Purchase of Equipment's and Components. ▪ Designing, Simulating and Setting up of the hardware in the laboratory. ▪ Evaluate and Analyse the system. ▪ Design and Testing of Bi-directional Battery Charger- Discharge Regulator at NIT-T and documentation of results ▪ Drafting original manuscript and progress report yearly. ▪ Travelling to U R Rao Satellite Centre center Bangalore for technical discussions

- 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 **Dr.Shelas Sathyan, Department of Electrical and Electronics Engineering, National Institute of Technology Tiruchirappalli, Tamil Nadu-620015**, through Registered/ Speed Post with “**Application for Junior Research Fellow – ISRO**” mentioned on the cover:
- Filled in application should be furnished in the prescribed format with Self-attested copies of marksheets, degree certificates and experience certificates.

C. The duly filled-in hard copy of the application along with copies of certificates should reach us before 5 pm on 20th June 2022 in prescribed format.

D. **The soft copy of the application should be sent to isrobcd@gmail.com on or before 15th JUNE 2022.**

E. The shortlisted candidates will be intimated about the interview through e-mail. The interview will be held in EEE department, NIT Tiruchirappalli for the shortlisted candidates.

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 decision of the selection committee is final. Canvassing in any form leads to rejection of the candidature.


Dr.Shelas Sathyan

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

<p>For Office Use only</p> <p>Serial Number allotted to the Applicant</p> <p>Signature of the Application Screening Committee Chairman</p>	<p>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

Name	Address	Phone & E Mail ID

17. I do not have a relative among 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 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)