



**NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 620 015.**

**DEPARTMENT OF CIVIL ENGINEERING**

**ADVERTISEMENT FOR RECRUITMENT OF JUNIOR RESEARCH FELLOWSHIP (JRF)**

Ref No: **687/23-24/SERB/CIV/UMS1**

**11.03.2025**

Applications are invited from Indian Nationals only for Junior Research Fellow (JRF) Position as per the details given below, (for SERB-CRG project - CRG/2023/005364), under the Principal Investigator **Dr. Mashudha Sulthana U.**, Assistant Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.

1.	Title of the Project	A novel moment resisting bolted beam-column connection method for tubular steel concrete composite structures
2.	Funding Agency for the Project	Science & Engineering Research Board (SERB) - CRG
3.	Project Positions and Number	Junior Research Fellow (JRF)/ Project Associate-I (PA-I)/ Project Associate-II (PA-II) (No of vacancies- 1)
4.	Qualifications	<b>1) Essential Qualification:</b> <b>(i) For GATE qualified – (JRF):</b> B. Tech / B.E. in Civil Engineering & M. Tech / M.E. in Structural Engineering qualified in first class from AICTE/MHRD recognized Institute / University; Age < 35 years GATE Score (Civil Engineering), qualified at least once, validity not required. <b>(ii) For Non-GATE – (PA-I):</b> B. Tech / B.E. in Civil Engineering & M. Tech / M.E. in Structural Engineering qualified in first class from AICTE/MHRD recognized Institute / University; Age < 35 years <b>(iii) For Non-GATE – (PA-II):</b> B. Tech / B.E. in Civil Engineering & M. Tech / M.E. in Structural Engineering qualified in first class from AICTE/MHRD recognized Institute / University; 2+ years of research experience; Age < 35 years <b>2) Desirable qualification:</b> Candidates with experience in steel structural design and skilled in using software like ABAQUS, ANSYS etc. are preferred.
5.	Emoluments	<b>For GATE qualified (JRF)</b> - Rs. 31,000 per month <b>For Non-GATE (PA-I)</b> - Rs. 25,000 per month <b>For Non-GATE (PA-II)</b> - Rs. 28,000 per month
6.	Duration	Initially for one year, later extendable up to two years based on performance.
7.	Job Description	<ul style="list-style-type: none"><li>• To execute the research work detailed in the entitled project-experimental and numerical works.</li><li>• Compilation of the outcomes of the results.</li><li>• Report Preparation.</li><li>• The selected candidates will be permitted to register for the PhD program as per NITT rules and regulations.</li></ul>

## **General Instructions:**

1. Before appearing for the interview, the candidates shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the Office of the Project Investigator through Registered/ Post.
3. Application should be furnished only in the prescribed format.
4. Experience includes research, industrial field and others.
5. Attested copies of degree/ certificate and experience certificate
6. Candidates shall bring along with them the original certificates at the time of interview for verification.
7. Please note that **no TA/DA** is admissible for attending the interview. The decision of the selection committee is final and binding.
8. Only shortlisted candidates will be informed by e-mail/Mobile, and no separate call letter will be issued for the same.
9. **The last date and time of submission of duly filled in application is 15<sup>th</sup> April 2024 at 05.00 p.m.**
10. Eligible and interested candidates may send their applications on prescribed format along with Bio-Data and supporting documents by post/courier to **Dr. Mashudha Sulthana U., Assistant Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli – 620 015** with the subject marked as **“JRF/SERB-CRG/2023/005364”**.
11. Candidate should submit in case of his/her selection. the following documents in original along with a set of self-attested copies of the originals; otherwise, the candidature will not be considered for the further selection process.
  - a. 10<sup>th</sup> and 12<sup>th</sup> Mark sheets
  - b. Degree Mark Sheet (both UG and PG)
  - c. Degree Certificates (both UG and PG)
  - d. GATE Score Card
  - e. Documentary evidence for experience, if any
  - f. ID Proof (Aadhaar Card / Passport)
  - g. Supporting documents for your claims in the application.

(Dr. Mashudha Sulthana U.)  
**Assistant Professor/ Project Coordinator**



**NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 620 015.**

**DEPARTMENT OF CIVIL ENGINEERING**

**RECRUITMENT OF JUNIOR RESEARCH FELLOWSHIP (JRF)**

<b>For Office Use only</b>	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 JUNIOR RESEARCH FELLOWSHIP**

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. M.E./M.Tech. Project Title					
10. Advertisement Number with Date					
11. Name of the Post applied for					
Academic Career: Enclose photocopies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPF from HSC/ITI onwards					
Name of Exam	School / College	Board/ University	Broad subjects of study	Year of Passing	% of marks / GCPA
S.S.L.C					
H.S.C / Diploma					
Graduation					

Post-Graduation					
Any other (ITI)					

Enclose self-attested Xerox copies

12. GATE Score ..... Subject ..... Year.....

13. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

14. Reference

Name	Address	Phone & E-Mail ID

15. I do not have a relative among the Faculty and Staff of the NIT, Trichy.

16. 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 the future and legal action be taken against me.

Date:

Full signature of the Applicant

List of Enclosures: (1)  
(2)  
(3)  
(4)