



NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 620 015.

DEPARTMENT OF CIVIL ENGINEERING

**ADVERTISEMENT FOR RECRUITMENT OF JUNIOR RESEARCH FELLOWSHIP (JRF)/
PROJECT ASSOCIATE-I/ PROJECT ASSOCIATE-II**

Ref: NITT/CE/SERB-CRG/KMK/2025-02

Date: 16.09.2025

Applications are invited from Indian Nationals only for Junior Research Fellow (JRF) / Project Associate – I/ Project Associate-II Position as per the details given below, (for research project CRG/2022/007331), under the Principal Investigator **Dr. K. Muthukkumaran**, Professor and Head, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.

1.	Title of the Project	Innovative and Environment Friendly Ground Improvement technique for Mitigate Seismic Soil Liquefaction Risk
2.	Funding Agency for the Project Specimen	Science & Engineering Research Board (SERB) - CRG
3.	Project Positions and Number	Junior Research Fellow (JRF) / Project Associate – I / Project Associate- II – 01 Vacancy (One)
4.	Qualifications and Essential Requirements	<p>JRF: B.E. / B. Tech in Civil Engineering from an AICTE/MoE recognized Institute / University with Qualified GATE Score. Desirable Qualification: M.E. / M. Tech in Geotechnical / Structural / Environmental / Earthquake Engineering or any other relevant specialization from an AICTE/MoE recognized Institute / University.</p> <p>Project Associate- I: B.E. / B.Tech in Civil Engineering from an AICTE/MoE recognized Institute / University. Desirable Qualification: M.E. / M.Tech in Geotechnical / Structural / Environmental / Earthquake Engineering or any other relevant specialization from an AICTE/MoE recognized Institute / University.</p> <p>Project Associate- II: B.E. / B.Tech in Civil Engineering from an AICTE/MHRD recognized Institute / University with 2 years Research Experience. Desirable Qualification: M.E. / M.Tech in in Geotechnical / Structural / Environmental / Earthquake Engineering or any other relevant specialization from an AICTE/MoE recognized Institute / University.</p>
5.	Emoluments	<p>For GATE qualified (JRF) – (i) Rs. 37,000 per month for the First Two Years (ii) Rs.42,000 per month for the Third Year</p>

		For Non-GATE (PA-I) - Rs. 30,000 per month For Non-GATE (PA-II) - Rs. 33,000 per month (+2 years Research Experience)
6.	Duration	3 years but initially for a period of ONE YEAR and will be extended for the consecutive years based on the performance.
7.	Job Description	Junior Research Fellow (JRF)/ Project Associate-I/ Project Associate- II – 01 Vacancy (One) <ul style="list-style-type: none"> • To execute the research work detailed in the entitled project. • Develop and evaluate innovative ground improvement techniques • Perform laboratory testing, field trials, and monitoring to validate the effectiveness of proposed ground improvement techniques & Report Preparation. • The selected candidates will be permitted to register for the Ph.D. program as per NITT rules and regulations.

General Instructions:

- A. Before appearing for the interview, the candidates 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 Project Investigator through Registered Post.
- C. Application should be furnished only in the prescribed format.
- D. Experience includes 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. The decision of the selection committee is final and binding.
- H. Only shortlisted candidates will be informed by e-mail/Mobile and no separate call letter will be issued for the same.
- I. **The last date and time of submission of duly filled in application is 30-09-2025 at 05.00 p.m.**
- J. Eligible and interested candidates may send their applications on prescribed format along with Bio-Data and supporting documents by post/courier to **Dr. K. Muthukkumaran, BIS Chair Professor and Head, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli – 620 015** with the subject marked as “**JRF/SERB-CRG/2022/007331**”.
- K. Age of the applicant should be less than 35 years as on the closing date of application. The candidates belonging to **OBC-NCL and SC / ST** are eligible for normal relaxation of **3 and 5 years** respectively.



(Dr. K. Muthukkumaran)
Project Investigator & HoD/Civil



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**RECRUITMENT OF JUNIOR RESEARCH FELLOWSHIP (JRF)/ PROJECT ASSOCIATE-I/
PROJECT ASSOCIATE-II**

<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 JUNIOR RESEARCH FELLOWSHIP (JRF)/ PROJECT ASSOCIATE-I/ PROJECT ASSOCIATE-II

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. 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 CGPA from SSLC/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)