



**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><b>JRF:</b> B.E. / B. Tech in Civil Engineering from an AICTE/MoE recognized Institute / University with Qualified GATE Score. <b>Desirable Qualification:</b> M.E. / M. Tech in Geotechnical / Structural / Environmental / Earthquake Engineering or any other relevant specialization from an AICTE/MoE recognized Institute / University.</p> <p><b>Project Associate- I:</b> B.E. / B.Tech in Civil Engineering from an AICTE/MoE recognized Institute / University. <b>Desirable Qualification:</b> M.E. / M.Tech in Geotechnical / Structural / Environmental / Earthquake Engineering or any other relevant specialization from an AICTE/MoE recognized Institute / University.</p> <p><b>Project Associate- II:</b> B.E. / B.Tech in Civil Engineering from an AICTE/MHRD recognized Institute / University with 2 years Research Experience. <b>Desirable Qualification:</b> 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><b>For GATE qualified (JRF) –</b> (i) Rs. 37,000 per month for the First Two Years (ii) Rs.42,000 per month for the Third Year</p>

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

#### 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**