

# NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 620 015.

## DEPARTMENT OF CIVIL ENGINEERING

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

Ref: 1950/2023/NITT (Civil)

10.04.2024

Applications are invited from Indian Nationals only for Junior Research Fellow (JRF) / Project Associate - I Position as per the details given below, (for SERB-CRG project - CRG/2022/007331), under the Principal Investigator **Dr. K. Muthukkumaran**, Professor, 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 /Project Associate – I – (One Vacancy)  |
| 4. | Qualifications                          | <b>Essential:</b> B.Tech / B.E. in Civil Engineering & M.Tech / M.E. in Geotechnical Engineering / Earthquake Engineering or any other relevant specialization from an AICTE/MHRD recognized Institute / University with a minimum of 60% marks or 6.5 CGPA.   |
| 5. | Emoluments                              | <b>For GATE qualified</b> - Rs. 31,000 per month for the first two years.<br>Rs. 35,000 per month for the third year.<br><b>For Non-GATE</b> - Rs. 25,000 per month for the first two years.<br>Rs. 28,000 per month for the third year.   |
| 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>1. Junior Research Fellow (JRF) – ONE</b> <ul style="list-style-type: none"><li>• To execute the research work detailed in the entitled project.</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 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 26<sup>th</sup> April 2024 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, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli – 620 015** with the subject marked as “**JRF/SERB-CRG/2022/007331**”.

(Dr. K. Muthukkumaran)  
**Professor/ Project Coordinator**

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

**DEPARTMENT OF CIVIL ENGINEERING**

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

|   |  |
|---|--|
| For Office Use only                                       | Paste here your recent passport-size colour Photograph |
| Serial Number allotted to the Applicant<br>.....          |  |
| 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)