Applications are invited from eligible candidates for the position of Junior Research Fellow (JRF) for the SERB-DST, GOI project titled “Experimental investigations on conventional and innovative piles for offshore wind turbines (OWT) foundation system subjected to long-term cyclic loading” in the Department of Civil Engineering, National Institute of Technology, Tiruchirappalli.

<table>
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<tr>
<th>Position &amp; Number</th>
<th>Junior Research Fellow (JRF) – one (1)</th>
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<tbody>
<tr>
<td>Essential qualification</td>
<td>B.E/B.Tech. in Civil Engineering with M.E/M.Tech. in Geotechnical Engineering and related field. Minimum 60% or 6.5 CGPA in UG and PG from a recognized University/Institute. Candidates with qualified GATE score will be given priority. Selected candidate may have a chance to register for the Ph.D. at NIT Tiruchirappalli.</td>
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</table>
| Job Description | 1. Purchase of equipment and components for the project.  
2. Perform experimental investigations on the instrumented model piles subjected to static & cyclic loading using Actuator and validating the results with any FEM software or PLAXIS 3D.  
3. Data collection, analysis and documentation of results.  
4. Drafting original manuscript and progress report yearly |
| Salary | Rs. 31000 +16% HRA per month for 1st and 2nd Year  
Rs. 35,000 +16% HRA per month for the 3rd Year |
| Duration of Project | 36 Months (Tenure extension based on the availability of fund and performance of review for every 12 months) |

- Eligible candidates may send the scanned copy of their duly filled applications (only in the prescribed format given below) along with the relevant supporting documents by email to deendayal@nitt.edu with the subject marked as “JRF Application-SERB-DST-PROJECT”.
- Preference will be given to the candidate who is having good academic record, research potential, relevant experience on the given topic. However, the selection of the candidate would be based on their performance in the written test/interview.
- The date of written test/interview will be communicated to the shortlisted candidates by E-mail.
- No T.A/D.A. will be paid for attending the written test or the interview.
- The selection committee decision is the final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected.
- The last date for receipt of applications is **15.04.2022**

Dr. Deendayal R (Principal Investigator)  
Assistant Professor, Department of Civil Engineering  
National Institute of Technology, Tiruchirappalli – 620015.
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 photocopies of the qualifying degree certificates and mark sheets/grade cards showing the percentage of marks or CGPF from HSC onwards

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<tr>
<th>Name of Exam</th>
<th>School / University</th>
<th>Board / University</th>
<th>Broad subjects of study</th>
<th>Year of Passing</th>
<th>% of marks / GCPA</th>
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12. Enclose self-attested Xerox copies
13. GATE Score.................................................Subject
.................................................Year.................................................

14. NET Score
.................................................Subject.................................................Year.................................
.................................................

15. Work Experience, if any

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<tr>
<th>Organization</th>
<th>Designation</th>
<th>Duration</th>
<th>Nature of Job</th>
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</table>

16. Previous Research work and publication, if any (enclose copies of published or unpublished work)


17. Proof of past study as a sponsored candidate, or other contractual obligation, if any:


18. Reference

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<tr>
<th>Name</th>
<th>Address</th>
<th>Phone &amp; E Mail ID</th>
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19. I do not have a relative among Faculty and Staff of the NIT, Trichy.

20. 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)