ADVERTISEMENT FOR RECRUITEMENT OF JRF

Applications are invited from eligible candidates for position of Junior Research Fellow (JRF) for the ISRO-RESPOND funded research Project titled “Characterization of Lunar Soil Simulant for Evaluating Design Criteria of Lunar Structures”, in Department of Civil Engineering, National Institute of Technology, Tiruchirappalli-15.

1. Title of the Project
   Characterization of Lunar Soil Simulant for Evaluating Design Criteria of Lunar Structures

2. Funding Agency for the Project
   ISRO-RESPOND

3. Project Positions and Number
   Junior Research Fellow (JRF) - ONE

4. Qualifications
   M. Tech./M.E. in Geotechnical Engineering/ Soil Mechanics and Foundation Engineering
   Experience in Geotechnical Investigations and Design, Computational Geomechanics, Soil Structure Interaction and Soil Dynamics are desirable

5. Emoluments
   Rs. 25,000 pm + 16% HRA for first two years
   Rs. 28,000 pm + 16% HRA for 3rd year
   (HRA as per institute norms)

6. Duration
   3 years

7. Job Description
   - Experimental study on static and dynamic properties of Lunar Soil Simulant
   - Identification of a suitable binder for Lunar Soil
   - Develop a suitable foundation system for Lunar Structures
   - Numerical simulation of Moonquake impact on Lunar Structure

8. Additional Information
   Selected candidate will be encouraged to register Ph.D programme as per NIT Tiruchirappalli regulations.

i. 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 a copy to email: kmk@nitt.edu with the subject marked as “JRF- RESPOND”. The last date for receipt of applications (hardcopy) is 14.11.2018. The date of interview will be communicated to the shortlisted candidates by post/E-mail/phone.

ii. No T.A/D.A will be paid for attending the interview.

(Dr. K. Muthukkumaran)
Project Investigator
OFFICE OF THE DEAN (R & C), NIT, Tiruchirappalli

RECRUITMENT OF TEMPORARY PROJECT STAFF - PRESCRIBED APPLICATION FOR
THE POST OF JRF

For Office Use only
Serial Number allotted to the Applicant

Signature of the Application Screening Committee Chairman

Paste here your recent passport size colour Photograph

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. M.E./M.Tech. Project Title

10. Advertisement Number with Date

Academic Career: Enclose photo copies of the qualifying degree certificates and mark sheets/grade cards showing the percentage of marks or CGPF from HSC onwards

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Enclose self-attested Xerox copies

11. GATE Score .................................. Subject
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12. Work Experience, if any

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

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

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15. Reference

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16. I do not have a relative among Faculty and Staff of the NIT, Tiruchirappalli.

17. 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)