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DEAN SRIC OFFICE IIT ROORKEE
 Diary No. 1647 Date 03/9/2020
 Sent to: *Sh S/L*
 Supdt. *SRIC/06*
A.P. (Admin)

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Civil Engineering)

Dated: Sept. 03, 2020

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator (Name: Dr. Rajib Chowdhury), Department of Civil Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: Topology Optimization of Large-Scale Engineering Structures: Numerical Simulations and Experimental Investigations (Project No. DRD-1523-CED)
2. Sponsor of the project: DRDL, Hyderabad
3. Project position(s) and number: JRF / ~~SRF~~ - 01
4. Qualifications: M.E./M.Tech. in Structural Engineering/Computational Mechanics/Mechanical Engineering/Computational Mathematics/ with GATE Qualified.
5. Emoluments: Rs. 31,000 per month/ Rs. 35,000 per month
6. Duration: 3 years *(Up to duration of the project)*
7. Job description: Development of computational tools (in-house codes in C++/Python) for topology optimization, finite-element analysis. Prior working knowledge on FENICS/Trilinos/PeTSc and scientific programming in C++/Python in finite-element analysis is preferable.

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

Note: The selected candidate may get an opportunity for PhD admission.

The last date for application to be submitted to office of Principal Investigator is Sept. 28, 2020 by 5 PM.

The interview will be held online through Video-conference mode (WebEx/Google Meet/MS Teams) at Civil Engineering Dept. on Sept. 30, 2020 at 4:00 PM (to be given only for walk in interview)

Rajib Chowdhury

(Rajib Chowdhury)

Name and signature of
Principal Investigator

Tel: 01332-285612 Fax: 01332- 275568

Mobile: 08954333954

Email: crajib2003@gmail.com, rajib.chowdhury@ce.iitr.ac.in

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

Approved as modified

Manish

03 Sept 2020

कुलशासक (SRIC)

3.9.20