

SRIC/06

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Department of Civil Engineering

Dated: 22/12/2020

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for the project position as per the details given below for the research project under the Principal investigator, **Dr. Sudakshina Dutta**, Department of Civil Engineering, Indian Institute of Technology, Roorkee.

1. **Title of project:** Microstructurally guided computational and experimental analysis of failure mechanisms of fibre reinforced geopolymer concrete
2. **Sponsor of the project:** SERB, New Delhi
3. **Project position(s) and number:** Junior Research Fellow (JRF), 01
4. **Qualifications:** M.E./ M.Tech (Structural Engineering) with qualified GATE score
5. **Emoluments:** 31,000/- INR per month + 8% HRA (as per IITR rules)
6. **Duration:** 24 months or up to the end of the project (9th December, 2022)
8th
7. **Job description:** Development of micromechanics based models for fibre reinforced geopolymer concrete; implementation of cohesive zone models using finite elements; experimental validation of proposed models. Knowledge in Advanced Solid Mechanics and programming 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 8th January, 2021 by 5 PM.

The interview will be held online. Shortlisted candidates will be notified through email regarding details of the same.

Tel: 01332-28-4931

Email: sudakshina@ce.iitr.ac.in

Sudakshina Dutta
(Principal Investigator)

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

Approved

Mamish

23 Dec 2020
SRIC (for PI/Dean (SRIC))