

SRIC/06

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Centre of Excellence in Disaster Mitigation and Management)

Date: 18 August 2022

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 (PI) Prof. S. Srikrishnan, Centre of Excellence in Disaster Mitigation and Management (CoEDMM), Indian Institute of Technology Roorkee (IITR).

1. **Title of project:** Development of a prototype territorial early warning system for precipitation-induced sediment disasters (i.e., landslides and debris flows) in India
2. **Sponsor of the project:** Indian Space Research Organisation (ISRO) – Indian Institute of Remote Sensing (IIRS), Dehradun
3. **Project position(s) and number:** Junior Research Fellow (JRF) - 01
4. **Qualifications:** Master's Degree in Geotechnical Engineering, Geoinformatics, Geosciences, and Geology, or equivalent disciplines and having experience in remote sensing, GIS, and landslide studies with GATE/NET qualification.
5. **Emoluments:** INR 31000 + HRA as per institute guidelines.
6. **Duration:** Initially 6 months and shall be extended up to 2 years based on the performance of the candidate.
7. **Job description:** *Research work:* Mapping and inventorying of landslides for database generation, spatiotemporal analysis of landslide dynamics, and determination of rainfall thresholds for early warning. *Field work:* Performing engineering geological and hydrological studies of landslides in the field.
8. **Guidelines:**
 1. Candidates before submitting their applications 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 at the given email address below including **Subject: Application for Junior Research Fellow (JRF) position through advertisement dated 18 August 2022**
 - Statement of purpose and interest in the position and relevant studies.
 - Detailed Curriculum Vitae (CV) including chronological disciplines of degrees/certificates obtained, skills i.e., programming, remote sensing etc.
 - Experience including research, industrial visits, field expeditions, and others activities related to landslide studies.
 - Attested copies of degree/certificate and experience certificate(s).
 3. Candidate should bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification in case of offline interview.
 4. Women candidates are especially encouraged to apply.
 5. Preference will be given to SC/ST candidates on equal qualifications and experience.
 6. 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 by email is **August 31 2022 by 5 PM (IST)**.

Tel: 01332-285863

Fax: 01332-286617

Email: srikrishnan@dm.iitr.ac.in

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

S. Srikrishnan
(S. SRIKRISHNAN)
Name and signature
of Principal Investigator

APPROVED

Washayder

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भा. प्रौ. सं. रुड़की/IIT Roorkee

19/8/2022

28/8/2022