

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

Dated: 01 April 2024

ADVERTISEMENT TO FILL UP PROJECT POSITION

Applications are invited from Indian nationals only for a project position as per the details given below for the research project under the Principal Investigator (Name: **Dr. Siddhartha Khare**), Department of Civil Engineering, Indian Institute of Technology Roorkee.


1. **Title of project:** Forest Phenology Analysis using Time Series PhenoCams and Satellite Data in Western Himalayan Region
2. **Sponsor of the project:** Indian Space Research Organization (ISRO) Bengaluru
3. **Project position(s) and number:** Junior Research Fellow (JRF): 01 (one position)
4. **Qualifications:**
  - B.E./B.Tech in any stream and M.E./M.Tech/M.S. in any Engineering stream with CGPA above 6.5 (on 10.0 scale) or percentage greater than 65% aggregate irrespective of category.
  - The candidate must have qualified GATE exam.
5. **Emoluments:** Rs. 37000/- per month.
6. **Duration:** up to the project completion (**06 February 2027**)
7. **Job description:** The JRF will be involved in the research and development of ISRO sponsored project. The candidate is expected to have:
  - Sound knowledge of handling big data, APIs, Google Earth Engine, machine learning algorithms and remote sensing
  - Strong programming skills in Java script/Python are must
  - Ready to carry out extensive field work
  - Experience in writing papers/patents/technical report etc

**Application Process**

1. Candidates before applying for the position shall ensure that they are eligible for the position they intend to apply.
2. Application is only acceptable through following Google form link:  
<https://forms.gle/LKZBdNIXAaaEPnZS8>
3. **Only shortlisted candidates will be called for an interview. The interview will be online.** Candidate may be asked to show the original degree(s)/certificate(s), and experience certificate(s) at the time of interview/joining for verification.

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



**The last date of application is 30<sup>th</sup> April, 2024 by 5:00 PM IST. The interview date will be conveyed after shortlisting.**

  
Dr. Siddhartha Khare  
Assistant Professor  
Name and signature  
of Principal Investigator

APPROVED

  
2/4/24

डीन (सिक)/(Dean SRIC)  
भा. प्रौ. सं. रुड़की/IIT Roorkee

  
01-04-24  
  
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