

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 30th 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

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भा. प्रौ. सं. रुड़की/IIT Roorkee


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