



भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

विद्यया च सर्वधनं प्रधानम्

DEPARTMENT OF CIVIL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY JAMMU
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Advt. No.: IITJMU/R&C/RP00270/A-42

Date: 25-06-2024

**Recruitment for the post of “Junior Research Fellow (JRF)”
under MoE STARS-2 sponsored project**

Applications are invited from the interested candidates for the post of **Junior Research Fellow (JRF)** to work on the research project titled “*Climate change impacts on glacio-fluvial and hydrogeomorphic flood vulnerability of the upper Bhagirathi catchment, West-Central Himalayas*” sanctioned under the Scheme for Transformational and Advanced Research in Sciences (STARS) under STARS-2 program in the Earth Sciences domain sponsored by the Ministry of Education.

About the Project

The three-year project aims at a comprehensive understanding of glacio-fluvial and hydrogeomorphic process response to the flood vulnerability of the upper Bhagirathi catchment in Uttarakhand. The project is divided into three work packages (WP), namely WP1: Modelling of snow-glacier melt and potential future glacial lake susceptibility. WP2: Runoff modelling using different hydrological processes; WP3: Identification of potential sediment deposition through connectivity analysis.

Nature of Job

The selected candidate will work on WP1: estimating the seasonal snow and glacier melt contributions and analysing the genesis of potential glacial lakes and their outburst susceptibility in the upper Bhagirathi catchment.

We invite applications from Indian nationals for the following position.

S.No.	Position	No. of Posts	Area of Specialization	Salary per month
1	Junior Research Fellow (JRF)	1	Water Resource Engineering/ Hydrology/ Geoinformatics/ Remote Sensing & GIS and others aligned to the project work	INR 37000/- + HRA @ 18%

Position is initially for one year (on contract), which may be extended up to the duration of the project based on the satisfactory performance.

Desirable skills:

1. The candidate must have a logical understanding, analytical and hands on experience in remote sensing and GIS, hydrology and water resources.
2. Demonstrated skills in programming with python and or MATLAB, and of using RS-GIS software.
3. The candidate should have good knowledge of technical writing.
4. Significant experience in glaciology and or microwave remote sensing will be an added advantage.

Essential Qualification

Candidates having the following background can apply for this position

- a. B.Tech./ M. Tech./M.S. in Geoinformatics/Remote Sensing & GIS/Water Resource Engineering/Hydrology or equivalent with minimum 65% aggregate marks or 6.5 CGPA.

- b. The candidate who has submitted their M.Tech. or M.Sc. thesis and waiting for the result are also eligible to apply.
- c. Age limit is 30 years for the general category and for SC/ST/OBC/Women/PH age limit may be relaxed as per GoI norms.
- d. Candidates with similar experience will be given preference.
- e. GATE/NET is required.

General Instructions:

1. Applicants should read the requisite minimum essential qualifications and eligibility carefully, experience criteria etc. laid down in the advertisement before applying for the relevant post. Merely possessing the prescribed qualification does not ensure that the candidate would be called for an Interview. The candidates may be shortlisted based on merit and need for the project.
2. The engagement shall be purely on a temporary basis and the period of engagement shall be purely dependent on the requirement of the Institute. Please note that this is purely a temporary appointment and selection does not entitle for any claim whatsoever of permanency or regularization against any regular post or any vacancy arising in future in this or any other cadre/post on the basis of this service.
3. No TA/DA will be paid for appearing in the interview.
4. No claim for any service benefit like PF, Pension, Gratuity, Medical Allowance, Seniority & Promotion etc. from this contract appointment will be admissible.
5. The applicant must provide valid E-mail IDs and mobile number in their applications for further communication.
6. The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted. The applicants are encouraged to submit a brief letter of intent (max one page).
7. The Candidate needs to bring all the original documents for verification at the time of joining.
8. Candidate during application must upload all the documents with respect to educational qualification, experience, etc.
9. Only shortlisted candidates will be called for the interview. The time and date of the interview will be informed to the shortlisted candidates by e-mail. The interview will be conducted in hybrid mode. Candidates who are already employed should produce a relieving certificate from their employers if selected.
10. The selected candidate may apply for the PhD program if he/she satisfies all the criteria for PhD admission. However, the candidate can only be selected through the regular admission process for the PhD program at IIT Jammu.

Application Process:

The duly filled application form along with the requested details, scanned copies of certificates, and other supporting documents should be uploaded through the online portal (<https://apply.iitjammu.ac.in/#/home>) latest by **July 15th 2024**. Please apply through the [contract/project staff/JRF/SRF] tab on the referred application portal. Candidates who are already employed should produce a relieving certificate from their employers if selected. The interview will be conducted for all shortlisted candidates.

Address for Correspondence

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