



**“जूनियर रिसर्च फेलो (JRF) पद हेतु भर्ती / Advertisement for the post of “JRF”**

Applications are invited from the interested Indian candidates for the post of **Junior Research Fellow (JRF)** to work on the research project titled **“From Snowpack to Soil: Understanding Compound Drought Linkages and Summer Water Scarcity in India’s Indus Water Treaty Western Basins”** sanctioned under the Scheme ARG 2025 by ANRF in the Earth and Atmospheric Science domain vide sanction number ANRF/ARG/2025/006111/EAS dated 27-03-2026.

**परियोजना के बारे में / About the Project :** The three-year project aims at diagnosing and quantifying wet and dry snow droughts in the snow-dominated upstream catchments of the Indus, Jhelum, and Chenab basins. The work will involve application of super-resolution techniques for downscaling of snow products and thereafter application of downscaled products for spatio-temporal snow drought characterization over the past two decades. Further influences of snow droughts on seasonal streamflow will be analysed correspondingly to explore the dynamics of terrestrial water storage.

We invite applications from Indian nationals for the following position.

Position	No. of Posts	Area of Specialization/ Relevant Disciplines	Fellowship per month	Duration
Junior Research Fellow (JRF)	1 (One)	Hydrology/Geoinformatics/ Geomatics/Climate change/ Water Resource Engineering/ Remote Sensing/Data Science/ and others relevant disciplines.	INR 37000/- + HRA	Position is initially for one year (on temporary), which may be extended based on satisfactory performance and duration of the project.

**आवश्यक योग्यता / Essential Qualification:** Candidates having the following background can apply for this position:

- B.Tech. /B.E. relevant disciplines** with minimum 65% aggregate marks or 6.5 CGPA **and GATE qualified.**
- M. Tech. /M.S./M.Sc. relevant disciplines** with minimum 65% aggregate marks or 6.5 CGPA, **and GATE/NET qualified.**
- 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.
- Candidates with similar experience will be given preference.

**वांछनीय योग्यता/ Desirable:**

- The candidate must have a good knowledge, logical understanding, analytical and hands on experience in **remote sensing and GIS, hydrology, water resources, data science and climate change.**

2. Demonstrated skills in programming with python and or MATLAB, or R and of using RS-GIS software and knowledge of data sciences. The work will require significant programming skills in applied deep learning for downscaling various climate variables.
3. The candidate should have good knowledge of technical writing.
4. Significant experience in hydrology /droughts/ Geo-AI/ DL-ML applications, will be an added advantage.

### **आवेदन प्रक्रिया/ 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 **05<sup>th</sup> May 2026**. Please apply through the [**contract/project staff/JRF/SRF**] tab on the referred application portal.

### **सामान्य निर्देश/ 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 Project. 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 / informed 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.

### **पत्राचार का पता/ Address for Correspondence:**

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