

# Central University of Jharkhand

(A Central University established by an Act of Parliament of India, 2009)

Advt. No: CUJ/DGI/Advt./2024/Project/01

Date: 15 February 2024

## Advertisement for JRF in Project

Applications are invited for filling up the following positions of Junior Research Fellow (JRF)/ Project Associate-I (Total: 01) at **Central University of Jharkhand, Ranchi** under the project funded by IIRS, ISRO, Govt. of India. Position is purely on temporary basis and coterminous with the project. Details of the positions are as follows:

**Position: Junior Research Fellow (JRF)/ Project Associate I (PA-I)**

**Number of positions:** 01 (one)

**Project Name: Permafrost destabilization induced mass wasting vulnerable zones modelling in higher Himalayan regions (Bhagirathi-Alaknanda valley) through snow cover-climate-terrain interactive mechanism employing Deep Learning techniques (DMSP-ASCB/AS/2022/07)**

**Emoluments (Per month):** Rs. 31000 + HRA for 1<sup>st</sup> and 2<sup>nd</sup> Year, and thereafter Rs. 35000 + HRA for 3<sup>rd</sup> Year as SRF. (Candidates, with M. Sc. Degree and without NET/GATE if selected, will be paid assign the post of Project Associate I @ Rs. 25000/- + HRA per month for initial two years, and thereafter Rs. 28000 + HRA as Project Associate II, respectively.) **HRA** shall be paid as per the University rules or Funding agency.

**Duration:** The fellowship will be offered initially for a period of six months, which can be extended further depending upon performance of the candidate on yearly basis.

### Essential qualifications:

Minimum 55% in M.Sc./ M.Tech/ Integrated M.Tech in Remote Sensing/ GIS/ Geoinformatics/ Applied Geography & Geoinformatics and relevant subject. Preference may be given to the candidates with research interest & field work as per requirement of the project. Candidates who are in last semester of their M.Sc./ M.Tech degree with result awaited may also apply, however in case of selection joining will be effective only with passing of MSc/MTech degree within given joining time. Candidates with NET or GATE will be preferred.

**Desirable:** Candidates having experience and knowledge in large data handling (satellite data, meteorological data etc.), with working knowledge of SAR/hyperspectral remote sensing, R, Python, GEE, MATLAB software(s), artificial intelligence, machine learning, GPS, DGPS, UAV, LiDAR etc. will be preferred.

**ROLE AND RESPONSIBILITIES:** JRF/ PA I will be responsible to carry out various image processing activities and GIS analysis. The candidate may have to perform the **extensive field activities in Hamalaya** related to project as assigned by the Principal Investigator.

### HOW TO APPLY:

The interested candidates may submit duly filled and signed application forms (as given below) along with recent color photograph, and a set of self-attested all supporting document, marks sheets, experience certificates, copy page of publications *etc.* preferably in **one pdf to submit by email to [arvind.pandey@cuja.ac.in](mailto:arvind.pandey@cuja.ac.in)** on or before **21 Feb. 2024**. Shortlisted candidates will be informed by email and will be called for the interview. The candidate should have all required qualification as on the date of the joining failing which the candidature will not be considered. The candidature will be subjected to verification of the certificates, degree, testimonials in original as part the essential qualification/ experience etc. in person for the aforesaid position at the time of joining, in case of selection.

**For any query/ clarification, candidate may write to [arvind.pandey@cuja.ac.in](mailto:arvind.pandey@cuja.ac.in)**

**Date of Interview (preferably offline mode): 22 February 2024**

**Online interview will be conducted on same date if requested in advance**

**Place: Department of Geoinformatics, Brambe campus**

### NOTE:

- The above positions are purely temporary and will be filled on contract basis. The selected candidates shall have no right/claim for regular appointment at this Institute, as the engagement is co-terminus with the Project.
- Candidate must fill application form as given below only. Canvassing the application in any other form, late submission, incomplete application form, incomplete attachments will not be considered for the screening/shortlisting and any further evaluation.
- Candidate, who are already working in any project/ institution should bring “**No Objection Certificate**” from his/ her present employer at the time of interview.
- Candidates must check their eligibility as per essential qualification before applying for the said post.
- No TA/DA will be paid to the candidate for attending the interview/ joining the post.
- University reserves the right not to fill the position, if it desires so. No interim correspondence will be entertained.

**APPLICATION FORMAT**

**Application for the post of Junior Research Fellow (JRF)/ Project Associate I (PA I)**

**at Central University of Jharkhand, Ranchi**

1. Full Name:	Passport Size Recent color PHOTO						
2. Date of Birth:							
3. Sex (M/F):							
4. Marital Status:							
5. Nationality:							
6. Aadhar number:							
7. Category (UR/ OBC-NCL/ SC/ ST):							
8. Physically handicapped (Y/N):							
9. Father's Name:							
10. Address of correspondence:							
11. Permanent address:							
12. Mobile No.:							
13. E-mail Address:							
14. Applied for PhD program through CUCET 2018 (Yes/ No):							
<b>15. Academic Record:</b>							
A. GATE/ CSIR/ UGC National Exam Qualification details with Percent marks/ Rank, year of qualifying etc.							
<b>B. Qualifying Degree:</b>							
Examination <small>(mention specialization, if applicable)</small>	Name of School/ College/ University/ Institute With city and state	Year of Passing	Subjects	Marks Scored	Total Marks	% of Marks/ GPA obtained	Distinction / Division
Class X							
Higher Secondary							
Graduation <small>(Specialization)</small>							
M.Sc. <small>(Specialization)</small>							
Any other							

**16. Details** of the project carried out with duration, place of work, title of the project, mentor/ Supervisor/ guide's name, description of the project and contribution to the project (add a separate sheet if required)

Position	Title of the project	Name of the Institution/ company & Address	Duration	Mentor/ Supervisor/ guide's name, Address, email & Mobile number

**17.** Total number of publication (as per UGC referred list) (if any):  
**Attach the published articles with this application.**

**18. Working experience** (if any):

Position	Name of the Institution/ company & Address	Duration	Mentor/ Supervisor/ guide's name	Contribution

**19.** Whether currently employed: **Yes / No**

**20.** If Yes, Provide the detail address of the current employer (including phone no. and email ID):

**21.** Names and addresses of two referees along with phone number and e-mail address. (Attach a separate page, if required)

**Declaration**

I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Place:

**Signature**

*Note: Enclose self-attested copies of all the marks sheets, degree certificates, experience certificate, recent color photograph, copy of published article (if any) along with the application. The candidature will be subjected to verification of the certificates, degree, testimonials in original as part the essential qualification/ experience etc. in person for the aforesaid position.*