

Central University of Jharkhand

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

Advt. No: CUJ/CLRM/Advt./2017-18/ 02

Date: 5th March 2018

Advertisement

Applications are invited from the citizens of India for filling up the following positions of Junior Research Fellow (JRF)/ Project Fellow (PF) (**Total: 06**) at **Central University of Jharkhand, Ranchi** under the various projects funded by Space Application Centre, Department of Space, ISRO, Govt. of India. (Project Period: Three Years). Positions are purely on contractual basis and coterminous with the project. Details of the positions are given below:

Sl. no.	Project Name	Description of the positions and emolument	Essential qualifications
1	Retrieval of biophysical parameters and estimation of gross primary productivity in Indian forests using GISAT (Project Code: ISRO GISAT) JRF position: 01	Position: Junior Research Fellow (JRF)/ Project Fellow (PF) Emoluments Per month: Rs. 25000 + HRA for 1 st and 2 nd Year and thereafter Rs. 28000 + HRA for 3 rd Year as SRF.	Minimum 55% in M.Sc. / M.Tech or equivalent degree in Remote Sensing/ GIS/ Geoinformatics. The candidate, who are in last semester of their M.Sc. / M.Tech Degree or equivalent may also apply. Preference may be given to the candidates with proven research experience & field knowledge as per requirement of the project.
2	Airborne Hyperspectral data analysis for forest health and Biomass Estimation in Sholayar RF Kerala (Project Code: SAC-ISRO AVIRIS NG Project 1) JRF position: 01	Candidates, with M. Sc. Degree and without NET if selected, will be paid @ Rs.16000/- + HRA per month for initial two years and Rs. 18000 + HRA for the remaining periods with the designation of Project Fellow/ Senior Project Fellow respectively. HRA shall be paid as per the University rules.	Desirable: Candidates having experience and knowledge in large data handling (satellite data and satellite data products, Census, NSSO, meteorological data etc.), with working knowledge of Hyperspectral/ Microwave Remote Sensing, R, Python, MATLAB software(s), GPS, DGPS etc., and Forest/ Geology/ Flood field survey will be preferred.
3	Monitoring and Mapping of Forest Communities with special reference to Invasive Plant Species using AVIRIS-NG (Project Code: SAC-ISRO AVIRIS NG Project 2) ** JRF position: 01		
4	Detailed Methodological, structural and geomorphological mapping and modeling for mineral prognostication in parts of Singhbhum Shear Zone, Jharkhand using Airborne L and S Bands SAR Images (Project Code: Geo-07) JRF position: 01		
5	Estimating the spatio-temporal dynamics of Vegetation Biomass in Forest Ecosystems using Airborne SAR (L Bands) (Project Code: Eco-17) ** JRF position: 01	Duration: The fellowship will be offered initially for a period of Six months, which can be extended further depending upon performance of the candidate.	
6	Flood Prognosis and Inundation Mapping using Airborne SAR images (Project Code: Hyd-03) JRF position: 01		

ROLE AND RESPONSIBILITIES: JRF/ RF will be responsible to carry out various image processing activities and GIS analysis. The team will also perform the extensive field activities related to project as assigned by the Principal Investigator.

NOTE:

The above positions are purely temporary and will be filled on Contractual 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 has to fill application form as given below. Canvassing in any form will disqualify the candidature.

Candidate, who are already working in any project/ institution should bring “**No Objection Certificate**” from his/ her present employer at the time of interview.

Candidate is requested to not to send multiple application copies for various projects as mentioned above as s/he should mention his/ her interest/ priority to work in the projects in the application mentioning project code (one and/or multiple projects).

IMPORTANT:

Candidates will be strongly encouraged to pursue Ph.D. research in the relevant topic and he/she will be encouraged to get registered in the PhD in the first year itself. Therefore, candidates are also advised to apply for University PhD programme through **CUCET 2018** (<https://www.cucetexam.in/>) in Centre for Land Resource Management (Geoinformatics) (**CUCET Research Program sl. no. 160; Program Code: RP160**) of Central University of Jharkhand (CUJHD).

****** Candidates need to apply for University PhD Programme through **CUCET 2018** (https://www.cucetexam.in/Document/Program_RP.pdf) in both (1) Centre for Land Resource Management (**CUCET Research Program sl. no. 160; Program Code: RP160**) as well as in (2) Centre for Environmental Sciences (**CUCET Research Program sl. no. 76; Program Code: RP76**) of Central University of Jharkhand (CUJHD).

Candidates are requested to keep visiting the CUCET exam website for last date of application & other updates pertaining to PhD admissions.

HOW TO APPLY:

The interested candidates may apply in the prescribed format as given below and must be duly signed and to be sent along with recent color photograph, self-attested marks sheets, degree certificates, experience certificates, first page of publications *etc.* by **Speed Post** to:

Prof. A. C. Pandey, Professor & Head Centre for Land Resource Management, Central University of Jharkhand, Brambe, Ranchi- 835205, Jharkhand as well as through email (one single pdf comprising duly filled application form and enclosures) to arvind.pandey@cuja.ac.in

The application form (**hardcopy as well as soft copy**) should reach to the above mentioned addresses within **25th day of this advertisement**. Candidates must indicate their quick links (mobile, e-mail) in their application. Candidates will have to come with the original documents on the day of the interview. **For any query/ clarification, candidate may write to arvind.pandey@cuja.ac.in or call at 7004773095 (during 1:30 pm to 3:00 pm).**

No TA/DA will be paid to the candidate for attending the interview. University reserves the right not to fill the position, if it desires so. No interim correspondence will be entertained.

APPLICATION FORMAT

APPLICATION FOR POST OF Junior Research Fellow/ Project Fellow

Under (Mention Project code based on priority) 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):							
15. Academic Record:							
A. GATE/ CSIR/ UGC National Exam Qualification details with Percent marks/ Rank, year of qualifying etc.							
B. Qualifying Degree:							
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 (in not more than 5 sentences)

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

- 17. Total number of publication** (as per UGC referred list) (if any)::
Attach the first page of 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:** Y/N

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

- 21. Names and addresses of three 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, first page of published article (if any) along with the application. Candidates will have to come with the original documents on the day of the interview.