



Dated: 24-Jan-2025

Advertisement for Recruitment of a Junior Research Fellow

Applications are invited from highly motivated candidates for **TWO Junior Research Fellow (JRF)** positions in the research project titled “**Big Geospatial Data Analysis for Climate Change With Special Emphasis on Land Use/Land Cover Dynamics in Western Rajasthan**” (*funded under the RESPOND scheme of the Indian Space Research Organisation (ISRO)*). This project aims to analyze the impacts of changing climate and land use land cover dynamics for the arid regions of Rajasthan through big geospatial and climatic data. The candidate is expected to do some field work for data collection and validation as a part of this project.

Eligibility:

Essential Qualifications:

- M. E./M. Tech. in Water Resources Engineering/ Geoinformatics/ Remote Sensing and GIS/ Hydrology/ Agricultural Engineering or allied fields.
- GATE qualification in Geomatics Engineering (GE)/ Civil Engineering (CE)/ Agricultural Engineering (AG) or equivalent exam qualified in allied fields.

Desirable Qualifications:

- Candidates having working experience in Remote Sensing and GIS, particularly with either of these tools - ArcGIS/ QGIS/ Google Earth Engine/ ERDAS.
- Candidates should have good fundamentals of hydrology and be efficient in handling big geospatial and climatic datasets with proficiency in programming – MATLAB/Python/R.

Fellowship: ₹ 37,000/- per month + HRA (as per norms).

Duration: The initial appointment will be for four months, which is extendable further (till the project duration of three years) based on the candidate's performance.

How to Apply: Interested candidates shall submit their application through the **Google Form link:** <https://shorturl.at/1W84I>, by **11:59 PM February 03, 2025**.

Address for Correspondence:

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PI and Assistant Professor,

Department of Civil Engineering, IIT Indore

Dr. Rakesh Paliwal

Co-PI and Scientist/Engineer-SG

Head, Applications – RRSC West

National Remote Sensing Centre, ISRO

Terms and Conditions:

- Only shortlisted candidates will be called for an interview as per IIT norms.
- Selected candidates will be intimated by e-mail for an online interview. The PI shall not be responsible for email delay, if any, which will result in disqualification/rejection of the application.
- The decision of the selection committee will be final.
- The selected candidate must join duty immediately upon receipt of the offer.
- The fellowship may be terminated with a 30-day notice before completion of the tenure if performance to date is not deemed satisfactory. The Institute reserves the right to fill out or not fill out the post advertised.