

## ADVERTISEMENT FOR THE POST JRF

Date: 22-08-2024

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| Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis as per the following details. |  |
| Position  | Junior Research Fellow (JRF)   |
| Number of Vacancy   | 1  |
| Project Title   | <i>Investigation of climate change in relation to Land use and Land Cover changes and consequent localized extreme events over North-East India</i>  |
| Department  | Physics  |
| Project Tenure  | 3 Years  |
| Job Description   | <b>Key responsibilities:</b><br>1. Utilization of GIS (Geographic Information Systems) and Remote Sensing technology to analyse land use land cover (LULC) patterns and climate change.<br>2. Need to analyse the Extreme event's impact and report suitable measures to prevent and sustain.<br>3. Monitor and evaluate the impact of climate change on each of the LULC classes, and prepare reports documenting project outcomes and lessons learned.<br>4. Proficiency in GIS software (e.g., ArcGIS, QGIS) and remote sensing techniques for spatial analysis and mapping<br>5. Knowledge of any programming language (Python/JavaScript/R) and Google Earth Engine is desirable. |
| Essential Qualification   | B.S. 4 years programme/Integrated BS-MS/MSc/BE/BTech or equivalent degree, with 55% marks and passing of NET/GATE test in Physics, Geomatics Engineering, Environmental Science, Geography, Geophysics, Earth Science, Atmospheric Physics   |
| Age Limit   | 28Yrs  |
| Age relaxation  | The upper age limit is relax-able up-to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.   |
| Fellowship  | Rs.37,000/-p.m.  |

Interested candidates should email their application and resume to the address provided below by September 15, 2024. Shortlisted candidates will be notified of their interview date on the university website by September 20, 2024.

*Pathak*

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