



# FAKIR MOHAN UNIVERSITY NUAPADHI, BALASORE

Date: 16/09/2025

## **Walk-in Interview for JRF Position of NRSC NICES Project**

Applications are invited for one Junior Research Fellow (JRF) under the NICES project “**Forecasting Lightning Strikes, Enhancing Accuracy with High Resolution Models and Machine Learning: A Case Study from Odisha**”. Interested and eligible candidates may apply within the last day (**Last date of submission: 08/10/2025 Midnight**) from the date of publication of this advertisement. **Date of Interview is 10/10/2025**. For detailed eligibility criteria, qualification and application procedure, please visit the University website: [www.fmuuniversity.nic.in](http://www.fmuuniversity.nic.in)

Form Link: <https://forms.gle/UoFJcnf3JxdqXkKV9>

**Principal Investigator**  
P.G. Department of Geography  
Fakir Mohan University, Balasore



## ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW

### FAKIR MOHAN UNIVERSITY

#### P.G. DEPARTMENT OF GEOGRAPHY

Applications are invited for one **Junior Research Fellow** position under **National Information System for Climate and Environment Studies (NICES)** (File No. FMU/GG/V-17/MM/02/2025) for the project **“Forecasting Lightning Strikes, Enhancing Accuracy with High Resolution Models and Machine Learning: A Case study from Odisha”** for a period of 3 years. Interested-eligible candidates may apply and send their application along with self-certificate of all educational certificates, experience etc. In the prescribed format in one single PDF **send applications through the Google link: <https://forms.gle/UoFJcnf3JxdqXkKV9>** on or before 08.10.2025 till midnight. Application received after the last date shall not be accepted.

Sl. no	Post	Position	Essential Qualification	Desirable Qualification	Remuneration
1	Junior Research Fellow	1	1) Master's degree in Geography with Geoinformatics (RS/GIS) <b>(or)</b> M.Sc./M.Tech. in Geoinformatics (RS/GIS) <b>(or)</b> M.Sc./M.Tech. in Environmental science with Geoinformatics (RS/GIS) <b>(or)</b> B.Tech.in Geoinformatics <b>(or)</b> M.Tech. in Geoinformatics with degree in relevant field <b>(or)</b> Any Equivalent qualification.  2) Should have a strong conceptual and theoretical understanding of Remote Sensing, GIS and related data products.  3) UGC/CSIR NET (or) GATE in relevant subjects.	1) Academic/Professional experience in the fields of Remote Sensing/GIS such as Google earth engine (GEE), RS/GIS Softwares (ArcMap, QGIS), Filter methods (Co-relation based feature selection), PCA, Machine learning algorithms (RF, GBM, SVM, XG Boost) etc. <b>*Scope for PhD enrolment</b>	Rs.37000/+ HRA for 2 years Rs.42000/-+ HRA for 1 year

**ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW**  
**P.G. Department of Geography, Fakir Mohan University, Balasore**

Applications are invited for one **Junior Research Fellow** position under **National Information System for Climate and Environment Studies (NICES)** (File No. FMU/GG/V-17/MM/02/2025) for the project “**Forecasting Lightning Strikes, Enhancing Accuracy with High Resolution Models and Machine Learning: A Case study from Odisha**”.

**Project Details:**

- **Title:** “Forecasting Lightning Strikes, Enhancing Accuracy with High Resolution Models and Machine Learning: A Case study from Odisha”.
- **Funding Agency:** **NICES (National Information System for Climate and Environment Studies)** (File No. FMU/GG/V-17/MM/02/2025) Dated: 04-09-2025
- **Principal Investigator:** **Prof. Manoranjan Mishra**, Professor, P. G. Dept. of Geography, Fakir Mohan University
- **Email:** [geo.manu05@gmail.com](mailto:geo.manu05@gmail.com)
- **Contact:** 7008928640

**Position & Tenure:**

- **Post:** Junior Research Fellow (01 Position)
- **Duration:** **3 years** or until project termination, whichever is earlier (Performance review on a yearly basis; extension subject to satisfactory progress).

**Fellowship:**

**Rs.37000/ + HRA for 2 years and Rs.42000/ + HRA for last year**

- **Essential Qualification:**
  1. Master’s degree in Geography with Geoinformatics (RS/GIS) **(or)** M.Sc./M.Tech. in Geoinformatics (RS/GIS) **(or)** M.Sc./M.Tech. in Environmental science with Geoinformatics (RS/GIS) **(or)** B.Tech. in Geoinformatics **(or)** M.Tech. in Geoinformatics with degree in relevant field (or) Any Equivalent qualification.
  2. Should have a strong conceptual and theoretical understanding of Remote sensing ,GIS and related data products.
  3. UGC/CSIR NET **(or)** GATE in relevant subjects.
- **Desirable Qualification:**
  1. Academic/Professional experience in the fields of Remote Sensing/GIS such as Google Earth Engine (GEE), RS/GIS Softwares (ArcMap, QGIS), Filter methods (Co-relation based feature selection), PCA, Machine learning algorithms (RF, GBM, SVM, XG Boost) etc.
- **Scope for PhD enrolment**

**Age Limit:**

- **Maximum 32 years** (Relaxation may be considered for exceptionally qualified candidates).

**Job Responsibilities:**

- Conducting research activities related to the project, including fieldwork, data analysis, and report preparation.

**Application Process:**

- **Interested candidates must submit:**
  - A **detailed CV** with contact details (email & phone).
  - **Scanned copies of certificates** (qualifications, experience, etc.).

Send applications through the Google link: <https://forms.gle/UoFJcnf3JxdqXkKV9> on or before 08.10.2025 till midnight. Application received after the last date shall not be accepted.

**Selection Process:**

- Candidates must bring **original certificates, self-attested photo copies, and two passport-sized photographs** for verification.

**Important Terms & Conditions:**

1. The position is purely **temporary** and co-terminus with the project.
2. **No TA/DA** will be provided for attending the interview.
3. Selected candidates **cannot pursue any other regular/part-time employment** during the project tenure.
4. **Canvassing in any form will lead to disqualification.**

For further details, candidates may contact the **Principal Investigator** at the provided email/phone number.

*Mishra*

Prof. Manoranjan Mishra

16/9/25

*Principal Investigator (NICES Project)*

*Professor, P.G. Department of Geography*

*Fakir Mohan University, Balasore*

**Professor**

**P.G. Department of Geography**

**Fakir Mohan University,**

**Balasore-756009, Odisha (India)**