GAUHATI UNIVERSITY

Tele: 0361 - 2570 415 (Office)
Fax: 91-0361-2700 311
Gopinath Bordoloi Nagar
GUWAHATI - 781 014
Assam: India

Advertisement for the two Junior Research Fellows

Applications are invited from eligible Indian nationals for the following purely temporary positions under a sponsored research project to be undertaken at Gauhati University. The joint Research Project by **Gauhati University, Guwahati and IIT Madras, Chennai** is funded by **Monsoon Mission-III, Indian Institute of Tropical Meteorology under Ministry of Earth Sciences.**

The appointments are purely temporary and co-terminus with the project.

Number of Positions: 02 (Four)

- One (02) Junior Research Fellow (JRF)

Duration: Initially for one year, extendable up to three years based on satisfactory performance and availability of funds.

Position I: Junior Research Fellow (02 numbers)

Essential Qualifications

- M.Sc./M.Tech. Atmospheric Science, Applied Physics, Physics, Meteorology, Climate Science, Oceaonography, Geophysics, Geology or other relevant disciplines with at least 55% marks (50% for SC/ST/OBC as applicable).
- Demonstrated knowledge and practical experience in one or more of the following topics:
    - Knowledge and understanding weather and climate phenomenon like the Indian monsoon and El Nino and Southern Oscillations
    - Scientific programming using Python.
    - Processing and analysis of weather and climate datasets, including CMIP6, ERA5, IMD datasets or similar.
    - Development and implementation of Artificial Intelligence/Machine Learning models for scientific applications.
    - Numerical Weather Prediction (NWP), climate modelling or related computational techniques.

Desirable Qualifications

- Publications or project experience in relevant areas.

Fellowship

₹37,000 per month + HRA (as per MoES norms).

Nature of Work

The selected candidate will work in an interdisciplinary research environment involving weather and climate science, and Artificial Intelligence. Responsibilities will include:

- The candidate is expected to contribute to achieving the objectives of the Project by working with the Project Associates.
- Processing and analysis of weather and climate datasets.

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- Processing CMIP6, ERA5, IMD and other meteorological datasets.
- Development, training and validation of AI/ML models for rainfall and monsoon prediction.
- Climate model evaluation and scientific data analysis.
- Scientific programming and software development using Python.
- Assistance in project documentation.

How to Apply:

Interested candidates should submit their detailed Curriculum Vitae, copies of educational certificates and mark sheets, proof of age, experience certificates (if any), list of publications (for PDF applicants), and other relevant supporting documents by email to **utpalsarma@gauhati.ac.in** with CC to **bngoswami@gauhati.ac.in**.

The subject line of the email should clearly mention the post applied for:

- **Application for Junior Research Fellow**

Last Date for Submission of Applications: 30 November 2026

Only shortlisted candidates will be called for interview. No TA/DA will be paid for attending the interview.

Sd/-
Registrar
Gauhati University

Memo No.: GU/UGC/ Research Proj/S.T Radar Centre/IITM. ME Sc/2026/929-32 **Date:** 16/11/26

Copy forwarded for information and necessary action to:

1. The Treasurer, G.U.
2. Prof. Utpal Sarma, Department of Instrumentation and USIC, G.U. (ST Radar Centre).
3. Prof. B.N. Goswami, ANRF PM Fellow, G.U.
4. System Officer, G.U., with a request to publish the Notification.
5. Office File.

16/11/26

Registrar
Gauhati University

P.K. Das
16/11/2026