Indian Institute of Technology Guwahati
Research and Development Section
Guwahati-781039, Assam

Applications are invited for an Interview **(Online)** for the following post in the DST-sponsored project at the Department of Humanities and Social Sciences, IIT Guwahati.

Interview Date: 02-05-2025
Time – 10 AM onwards

Venue: Online (Webex)

Sl. No.	Designation	Number of Vacancies	Pay Recommended (Rs.)	HRA (Rs.)	Medical (Rs.)	Total Amount (Rs.)	Duration of Appointment in months	Qualifications
1	Principal Project Associate	01	49,000	Yes (18%)	0	57,820	11	**Essential qualification:** • **PhD** in hydrology, civil engineering, water resources engineering / Environmental Science with **4 years** of research experience. **OR** A **Master's degree** in Civil Engineering/ Water Engineering/ Environmental Science from a recognized university in India with **8 years** of research experience **OR** • Strong knowledge of hydrological and hydraulic modeling (e.g., HEC-RAS, HEC-HMS, SWAT, MIKE SHE, Delft-FEWS, etc.). • Experience with numerical weather prediction (NWP) and integrating meteorological data for flood forecasting. • Proficiency in GIS and Remote Sensing for flood risk assessment. • Experience in data assimilation techniques and real-time flood forecasting. • Proficiency in Python, R, MATLAB, or other

								programming languages for hydrological simulations and data analysis. • Ability to handle large-scale datasets, including satellite and radar-based rainfall data. • Strong report-writing and communication skills to engage with stakeholders (government agencies, research institutions, and communities). **Desirable Skills:** • Experience in applying ML/AI algorithms (e.g., Random Forest, LSTMs, Neural Networks) for flood prediction and risk assessment. • Understanding of early warning systems (EWS) and disaster risk reduction (DRR).
2	Junior Research Fellow (JRF)GATE /NET	01	37,000	Yes (18%)	0	43,660	11	**Essential:** A Master's degree in Sociology/ English/ Geography/ Anthropology from a recognized university in India. The candidate at the master's degree level should be selected through a process described through any one of the following: • Scholars who are selected through the National Eligibility Test-CSIR-UGC-NET, including lectureship (Assistant Professorship) and GATE. • Scholars who are selected through National Level examinations

									conducted by the Central Government Department and their Agencies and institutions such as DST, DBT, DAE, DOs, DRDO, MHRD, ICAR, ICMR, IISc, IISCR etc. **Desirable Skills:** At least one year of experience past master's degree in a relevant field

How to apply and selection process: Candidates have to appear in an online interview, which is scheduled for **02-05-2025** at **10 AM**. A scanned copy of the CV giving details of all educational qualifications, experience, contact address, phone no., email, etc., should be sent on or before **29-04-2025 at the latest by 5 PM** to the recruitmentabiitg@gmail.com email. **The position includes a probation period of 3 months, based on the performance, the contract will be extended.**

Shortlisted candidates will be informed via email on 01-05-2025.

Selection will be based on the performance of the candidate in the interview. Candidates will not be sent any call letter separately.

For any clarification, contact Professor Anamika Barua (Principal Investigator)

Email: recruitmentabiitg@gmail.com

Phone: 0361-258-2563/2580

Assistant Registrar (R&D)

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Principal Project Associate (PPA)

Fixed Stipend/Fellowship/Salary amount of Rs 49000 p.m. + (HRA) in a DST Sponsored Project sanctioned up to (Duration/Tenure) 24 Months. The post is purely temporary and co-terminus with the project.
The upper Age Limit is 40 Years (relaxable for 3 years for OBC and 5 years for SC/ST/Physically Handicapped/Female candidates) per GOI rules.

Junior Research Fellow (JRF)

The candidate should be interested in pursuing a PhD within the project's scope.
Fixed Stipend/Fellowship/Salary amount of Rs 37000 p.m. + (HRA) (for first two years) and Rs 42,000 p.m. + (HRA) (for 3rd year) in a DST Sponsored Project "**Low-cost Disaster & Emergency Services for Communication At Risk (LODESTAR)**" sanctioned up to (Duration/Tenure) 36 Months. The post is purely temporary and co-terminus with the project. After the 3rd year, the candidate will be under Institute Fellowship.
The upper Age Limit is 28 Years (relaxable for 3 years for OBC and 5 years for SC/ST/Physically Handicapped/Female candidates) per GOI rules.