



Indian Institute of Technology (ISM) Dhanbad
Office of the Dean (Research & Development)


Sanction No and Date: ANRF/ECRG/2024/000269/EAS 11 th June, 2025	IIT (ISM) Project No. SRDP 1198 G	Date: 24/06/2025
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Project Staff (JRF/SRF/RA/Project Assistant/Project Associate) position under (ANRF) Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	JRF
Number of Position (s)	One (1)
Title of The Project	Partitioning of projected evapotranspiration at basin-scale under changing climate and dynamic terrestrial environment
Principal Investigator	Prof. Riya Dutta
Tenure of Project	1 years (can be extended up to 3 years)
Job Description	The candidate will work on assessing the fraction of ET components (like evaporation from soil/vegetation, transpiration and sublimation) using observed and projected data. Estimating the uncertainty associated with different climate models (projected data as obtained from CMIP6 models) under various climate change scenarios (Shared Socio-economic Pathways) and constraining the projected data with observations to reduce the uncertainty associated with the projected data in the near future.
Essential Qualification	MSc, ME/M.Tech in Environmental Engineering, Remote Sensing and GIS, Hydrology and Water Resources and related fields. GATE/NET is mandatory
Desirable Qualification	Basic knowledge of MATLAB, Python or R
Age and Relaxation (if any)	Not more than 30 years
Fellowship	Rs 37,000/- per month (accommodation may be provided as per IIT ISM Dhanbad rules)
Last Date & Time	Interested candidates should email a single PDF [containing (i) CV, (ii) GATE/NET score card, (iii) self-attested copies of all marksheets and certificates starting from 10 th class, (iv) proof of work experience (if any)] to PI riyadutta@iitism.ac.in on or before 10th July 2025, 5:00 PM . Candidates should write "Application for JRF position in ANRF Project" in the subject of the email.

Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.


(Signature of PI)