

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Department of Hydrology

Dated: 27th December 2023

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the research project under the Principal investigator (Name: Prof. Ankit Agrawal), Hydrology, Indian Institute of Technology Roorkee.

1. Title of project: Towards Predictive modelling of the Indian Summer Monsoon considering Arctic teleconnections using the complexity-based approach
2. Sponsor of the project: Ministry of Education STARS-2 program
3. Project position(s) and number: **Junior Research Fellow, ONE NUMBER**
4. Essential Qualifications:
 - Master's degree in any of the following or equivalent research areas relevant to the department and project: Hydrology/Water Resource Engineering/Climate/Remote Sensing/Atmospheric Science/Geomatics/ Environmental or equivalent
 - Bachelor degree (Engineering/Science) in any relevant domains
 - The candidate must be GATE/JRF/NET or equivalent qualified
 - Strong expertise in programming language (R/MATLAB/Python)
 - Experience in handling projects and International Relations would be a plus
 - Should be able to take initiatives independently and should be a great team player.
 - Should be able to travel abroad
5. Emoluments: **31,000/- + HRA**
6. Duration: Up to **September 25, 2026**
7. Job description:

The candidate will be involved in the project "Towards Predictive modelling of the Indian Summer Monsoon considering Arctic teleconnections using the complexity-based approach". The project demands in-depth understanding of on Large-Scale Atmospheric Circulation Patterns and their impact on the Indian Precipitation. A strong mathematical and coding skills will be required. The candidate may register for PhD at the Department of Hydrology, IIT Roorkee.

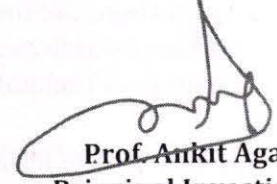
1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email: **copprepare@iitr.ac.in**
 - Detailed CV including chronological discipline of degree/certificates with percentage/CGPA, DOB, Categories, publications, conferences, among others.
 - Research experience involving field work, surveys and analysis, project handling, international relations, and publications.
 - Attested copies of degree/certificate and experience certificate.



3. Candidates shall be ready to produce the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference may be given to SC/ST candidates on equal qualifications and experience.
5. Please note that **no TA/DA** is admissible for attending the interview.

The last date for application is **April 15, 2024 by 5 pm.**

The Interview details online/offline and the details of interview shall be separately shared with the shortlisted candidates through email, on or before **May 05, 2024.**

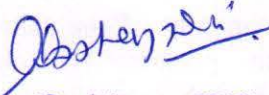


Prof. Ankit Agarwal
Principal Investigator


Email: ankit.agarwal@hy.iitr.ac.in;

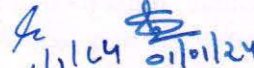
Tel: 01332-284927

APPROVED



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भा. प्रौ. सं. रुड़की/IIT Roorkee


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