

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE  
(Centre of Excellence in Disaster Mitigation and Management)**

Dated: 21-05-2024

**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 consultancy/research project(s) under the Principal investigator (Name: Prof. Piyush Srivastava), Dept./Centre Centre of Excellence in Disaster Mitigation and Management, Indian Institute of Technology, Roorkee.

1. Title of project: IMPROVED PARAMETERIZATION OF BOUNDARY LAYER PROCESSES IN THE WEATHER AND CLIMATE MODELS OVER INDIAN HIMALAYAN REGION
2. Sponsor of the project: Department of Science and Technology
3. Project position(s) and number: Junior Research Fellow (one)
4. Qualifications: (i) M.Sc. or M.Sc. Tech or M.Tech. in Mathematics/Physics/Atmospheric Science/Ocean Science/Remote Sensing/Geoinformatics with first class or equivalent at graduate and postgraduate level and "valid GATE/NET JRF".
5. Emoluments: 37,000 INR per month plus HRA as per Institute's norms
6. Duration: Two years with a possible extension up to 3 years depending upon performance of the candidate.
7. Job description: The candidate is expected to work on applications, evaluation and development of physical parameterization schemes in the NWP models using in-situ and satellite observations.

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, by post or produce at the time of Interview:
  - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
  - Experience including research, industrial field and others.
  - Attested copies of degree/certificate and experience certificate.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

**Note: The selected candidate may get an opportunity for PhD admission.**

The last date for application to be submitted to office of Principal Investigator is 25<sup>th</sup> June 2024 by 5 PM.

Tel:

Fax:

Email: [piyush.srivastava@dm.iitr.ac.in](mailto:piyush.srivastava@dm.iitr.ac.in)

Name and signature  
of Principal Investigator

*Piyush Srivastava*  
*(Piyush Srivastava)*

*21-May 2024*

\*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

**APPROVED**

*[Signature]*  
डीन (सिक)/(Dean SRICPS) / 17/2  
भा.प्रौ. सं. रुड़की/IIT Roorkee  
*[Signature]* 21.05.24  
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