

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
(Civil Engineering Department)

Dated: 6 February 2025

**ADVERTISEMENT TO FILL UP PROJECT POSITIONS\***

Applications are invited from Indian nationals only for project position as per the details given below for the research project under the Principal investigator (Name: Prakhar Misra), Civil Engineering Department, Indian Institute of Technology, Roorkee.

1. Title of project: **IPSA-Kumbh: Mapping Impact of Floating Population on Sewerage during Maha Kumbh 2025**
2. Sponsor of the project: National Mission for Clean Ganga, Ministry of Jal Shakti
3. Project position and number: Junior research fellow (JRF), 1 (one) position
4. Qualifications: M.E./M.Tech (Civil Engineering/Computer Science Engineering) with specialization in computer vision/remote sensing/GIS/geospatial engineering. Preference will be given to candidates with education from CFTI, possessing valid GATE score, background in object detection algorithms such as YOLO and web development.
5. Emoluments: Rs 37,000 + HRA@9%
6. Duration: Until August, 2025 or when the project ends (whichever is later)
7. Job description: To carry infrastructure annotation, detection in high resolution satellite imagery review and perform spatial GIS analysis and web-dashboards, machine learning of geospatial datasets, prepare reports and manuscripts and organize workshop.

**Kindly Note:**

1. Candidates 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 filling the Google form <https://forms.gle/CwivE5RudcdpzixB8> and email cover-letter with subject JRF-Application- IPSAK\_[your name]. Produce when required the following:
  - 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 joining 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.
6. The last date for application to be submitted to office of Principal Investigator is 20 February 2025 by 5 PM.
7. Only shortlisted candidates will be notified about the interview date via email at a later date.

Tel: 01332-285289:

Email: [prakhar.misra@ce.iitr.ac.in](mailto:prakhar.misra@ce.iitr.ac.in)

**Prakhar Misra**

Name and signature of Principal Investigator

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

*Prakhar Misra*  
4/2/25  
**APPROVED**

*SPaul*  
06.02.25  
*Prakhar*  
06/2