

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

Dated: ~~08~~/08/2025

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: Dr Bhanu Prakash Vellanki), Department of Civil Engineering Indian Institute of Technology, Roorkee.

1. **Title of project:** Synergistic aerobic, anoxic, and anaerobic biofilter as a tertiary treatment technique for simultaneous removal of residual organics, total nitrogen, and emerging contaminants.
2. **Sponsor of the project:** Department of Science and Technology (DST)
3. **Project position(s) and number:** Junior Research Fellow (JRF) (1)
4. **Qualifications:** B.Tech / B.E in Civil Engineering & M.Tech / ME in Environmental Engineering or any other relevant specialization from an AICTE/MoE recognized institute or university with a first class and a qualified GATE score. (Candidate must be capable of handling sophisticated equipment like TOC analyzer, IC, UV-Vis Spectrophotometer, LC-MS, and UPLC-QToF)
5. **Emoluments:** Rs. 37,000 per month + HRA (as per institute guidelines)
6. **Duration:** 3 years/completion of project, whichever occurs earliest
7. **Job description:**
 Extensive Field visits (installation and monitoring of bench-scale and pilot-scale bio-filter setup); Periodic sampling and monitoring of wastewater quality parameters on site, and laboratory testing; Analysis and interpretation of quality data employing standard methods and software; Quality control; Preparation of technical report; Candidate will assist in technical as well as official work related to the project.

Note:

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 selection process involves two steps: 1) Preliminary screening based on resume and or online telephonic interaction, and 2) The shortlisted candidates after preliminary screening will be called for a final interview (mode of interview will be online/offline)

The shortlisted candidates will be contacted via email

All emails to be sent to: s_v@ce.iitr.ac.in

The last date for the application to be emailed to s_v@ce.iitr.ac.in is 15/09/2025 by 5 PM.

V. Bhanu

Name: Dr Bhanu Prakash Vellanki

Principal Investigator

BHANU PRAKASH VELLANKI

Associate Professor

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APPROVED



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