

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
**Department of Mechanical and Industrial Engineering**

Dated: 31-01-24

**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: Alankrita Singh), Department of Mechanical and Industrial Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: Fluid flow and heat transfer investigation of multi-jet impingement under different conditions of crossflow with upstream and downstream turbulators (SER-2238-MID/23-24).
2. Sponsor of the project: SERB, Department of Science and Technology, Government of India
3. Project position(s) and number :

Position and Monthly Emoluments	Required Qualifications
Junior Research Fellow (1) Rs 31,000 pm +HRA (as per DST norms)	<b>JRF:</b> B.Tech. / M.Tech. degree or equivalent degree in Mechanical / Industrial / Production Engg. (OR) (ii) B.Tech. / M.Tech. degree in Aerospace / Chemical / Civil /Computer/Electrical/ Electronics/ Materials/ Metallurgical Engg./ Biotechnology/ Nanotechnology and other research areas consistent with the academic background and special interests. Desirable qualification: Candidates having prior experience in CFD, and experimental Fluid Mechanics area.

4. Qualifications: as described above
5. Emoluments: as described above
6. Duration: upto 7 Nov 2025
7. Job description: CFD and conjugate heat transfer analysis, experimental Fluid Mechanics, preparation of reports.

\*\*\*\*\*

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 Principal Investigator by email at [alankrita@me.iitr.ac.in](mailto:alankrita@me.iitr.ac.in) is 12/02/2024 by 17:00 IST.

**Note: The shortlisted candidates will be informed about the interview date, mode and venue through email.**


Tel: 01332-285151, +91-8765298044  
 Email: [alankrita@me.iitr.ac.in](mailto:alankrita@me.iitr.ac.in)

A. Singh  
31.1.24  
(Alankrita Singh)

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.

**APPROVED**

  
 डीन (सि.सि.)/Dean SRIC 27/2/24  
 भा. प्रौ. सं. रुड़की/IIT Roorkee  
 31.02.24 21/02/24