

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Computer Science and Engineering

Dated: 06/06/25

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: Awanish Pandey), Dept of Computer Science and Engineering Indian Institute of Technology, Roorkee

1. Title of project: System and End-to-End Tool for Finding and Bridging Performance Gap of Software using Formal Methods
2. Sponsor of the project: Anusandhan National Research Foundation (ANRF) Prime Minister Early Career Research Grant Scheme
3. Project position(s) and number: Junior Research Fellow (One Position)
4. Qualifications: BE/B.Tech in CSE or ECE from a recognized University with CGPA above 7.0 (or 70 % marks) with National Eligibility Tests- CSIR-UGC NET/JRF or GATE. Preferably a candidate with strong background in C++ and Compiler optimization
5. Emoluments: 37000 + HRA
6. Duration: Initially, for ONE year (extendable up to three years based on performance)
7. Job description: Research work in the area of Compiler Optimization, including
 - (a) Design of algorithms and its implementation,
 - (b) Experimental evaluation of performance on real world benchmarks,
 - (c) Writing and publishing research articles.

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 isby 5 PM.
 (not applicable for walk in interview)

The interview will be held at 25/06/2025 on full day at (Online Mode)

Tel: 01332-2855795

Fax:

Email: ap@cs.iitr.ac.in

Awanish
 Awanish Pandey
 Name and signature
 of Principal Investigator

APPROVED

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

Dean

Invited Research & Industrial Consultancy
 Indian Institute of Technology Roorkee
 Roorkee-247 667 (INDIA)

S. Paul
 07/06/25

S. S. S. S.
 8/6/25