

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Computer Science and Engineering)**

Dated: September 08, 2023

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 research project under the Principal investigator (Name: **Prof. Sateesh Kumar Peddoju**), Dept./Centre **Computer Science and Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project: **Techniques for Context-Based Security Analysis of Platform**
2. Sponsor of the project: Defence Research and Development Organisation (**DRDO**)
3. Vacancies

Title	No. of Positions	Qualifications	Emoluments	Duration (Years)
Research Associate (RA)	1	M.Tech. in CSE/ECE/EEE (or equivalent), having at least 2 years of experience or Ph.D. in CSE/ECE/EEE (or equivalent).	₹ 58,000/=	2 [#]
Junior Research Fellow (JRF)	3	M.Tech. in CSE/ECE/EEE (or equivalent) with qualified GATE in CS/EC/EE or B.Tech. in CSE (or equivalent) with valid GATE in CS.	₹ 37,000/=	2 [#]

Duration is for 2 years or until the end of project, whichever is earlier.

4. Job description:
 - a. For RA, having the knowledge of machine learning and Android internals with some amount of programming skills is desirable for the project monitoring, implementation, testing and benchmarking of the findings.
 - b. For JRF, having strong programming skills, knowledge in information and network security, machine learning, and some amount of Android internals are desirable for the implementation, testing and benchmarking of the findings.
5. Objectives of the Project:
 - a. Design and development of tools and techniques for real-time data collection from smart device.
 - b. Development of Andorid security analysis model and its integration with GPU platform.
 - c. Experimental validation and performance optimization of the developed model on GPU platform.

Instructions


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, including list of publications.
 - 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 **September 27, 2023** by 5 PM.

The interview date will be notified to the selected candidates through email.

Tel: +91-1332-285647
Email: sateesh@cs.iitr.ac.in


Sateesh Kumar Peddoju
Principal Investigator

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

Approved


11/9/23
डीन (सिक)/(Dean SRIC)
भा. प्रौ. सं. रुड़की/IIT Roorkee


9-9-2023