

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Dated: 7/10/2026

Applications are invited from Indian nationals only for project position(s) as per the details given below for the **research** project(s) under the Principal investigator **Prof. Raghvendra Singh Rohit**, Deptt./Centre of **Computer Science & Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project : A comprehensive security analysis of NIST Accordion mode proposals and their implications to has functions over Galois fields
2. Sponsor of the project : ANRF
3. Project position(s) and number : JRF (1)
4. Qualifications (Eligibility) :
 1. Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:
 - a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
 - b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MOE, ICAR, ICMR, IIT, IISC, IISER, NISER etc.
 2. M.E./ MTech. in Information Tech./Computer Science & Engineering OR B.E. / B.Tech. in Computer Sc. & Engineering / Information Technology/ Mathematics and Computing or equivalent OR Five years integrated BS-MS in Mathematics and Computing or equivalent.
 3. CGPA above 7.5 (or at least 75% marks).
- Desirable Qualifications : Experience in cryptography and cybersecurity along with a solid background in programming.
5. Emoluments : Rs. 37000 + HRA
6. Duration : 1 Years
7. Job description : Rijndael-256 security analysis, Accordion mode classical and quantum cryptanalysis with automated tools, Accordion mode implementation and benchmarking in software

and hardware platforms, new 256-bit block cipher design, analysis of hash functions over Galois Fields.

8. The selected candidate may get an opportunity for PhD admission.

9. Terms & Conditions:

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 through email by 25/10/2026:
 - CV
 - Degree Certificates
 - Experience Certificates
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.
10. The shortlisted candidates will be notified regarding the interview schedule via the email.

The last date for application to be submitted to office of Principal Investigator is **25/10/2026** by **11:59 PM**.

If selected, the candidate will be joining the position **as soon as possible**.

Please submit your application via email to: **raghvendra.rohit@cs.iitr.ac.in**

Tel:

Prof. Raghvendra Singh Rohit
Principal Investigator
Computer Science & Engineering
raghvendra.rohit@cs.iitr.ac.in

Signature of Dean SRIC
Dean
Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247667 (Uttarakhand)



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