

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Electronics and Communication Engineering

Dated: 27-10-2025

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: **Prof. Sudeb Dasgupta**), Dept./Centre **Electronics and Communication Engineering**, Indian Institute of Technology, Roorkee.

- I. Title of project: A novel power-on pilot IC for ultra-low power wireless IoT devices
- II. Sponsor of the project: Ministry of Electronics and Information Technology (MeitY) under C2S programme (Tier-1)
- III. Project position(s) and number: Junior Research Fellow (01)
- IV. Qualifications: (a) B.E/B.Tech in ECE or equivalent (with GATE).

OR

(b) M.E/M.Tech in VLSI or equivalent (with GATE).

- V. Emoluments: Rs 37,000 per month + HRA (as per institute rules)
- VI. Duration: Initially for ONE year (extendable up to project duration based on performance)
- VII. Job description:

JRF (under the supervision of **PI: Prof. Anand Bulusu**)

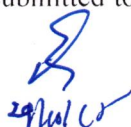
- Good knowledge of EDA Tools (Cadence, Synopsys, Mentor)
- Good knowledge of Digital circuit design, network theory, and device physics.
- Scripting language: Python or Perl, Matlab

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 (smdpc2sstaff1@ece.iitr.ac.in)
 - 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.
 - **The subject of the email should be "Application for the post of JRF in a project entitled (project name) under the supervision of (faculty name)"**
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 (as per the institute's rule, if applicable).~~

The last date for the application to be submitted to the office of the Principal Investigator is **07/11/2025** by **5 PM**.

(not applicable for walk in interview)


29/10/25

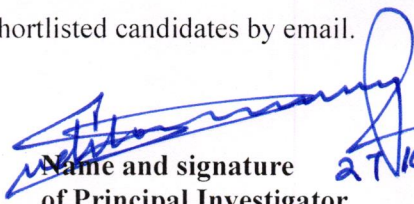

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The date of online/offline interview shall be informed to the shortlisted candidates by email.

Tel:

Fax:

Email: smdpc2sstaff1@ece.iitr.ac.in

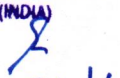

Name and signature
of Principal Investigator 27/10/25

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

APPROVED


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


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