



**Department of Electronics & Communication
Engineering**

**NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
Chhattisgarh, 492010, INDIA**

Ref. No.: student_int/2025/01.

Date: 6/10/2025

Walk in interview for student internship position.

Interested students are invited for a walk-in interview on **29th October 2025, at 11.00 AM**, for a student internship assignment (*SSR activity under Category B of SERB*) in a purely time-bound project (Ref. No. EEQ/2023/000668) with **Dr. DeboraJ Muchahary** as PI, in the **Department of Electronics and Communication Engineering**, National Institute of Technology, Raipur, Chhattisgarh, India.

1.	Name of the Position	Student Internship
2.	Number of Posts	One (01)
3.	Name of the Research Project	Empowering PV revolution through a detailed study of perovskite/c-Si tunnel oxide passivated contact (TopCON) tandem solar cell.
4.	Roles and responsibilities.	Learn fundamentals of solar cell, Simulation of the cells and analysis of results with graph plotting tools like origin. Drafting of research papers.
4.	Name of the Sponsoring Agency	SERB (ANRF)
5.	Duration of the Position	Maximum 2 months.
6.	Consolidated Monthly Compensation	Rs 5,000/- per month
7.	Qualifications	B. Tech students (5 th /7 th semester) in Electronics & Communication Engineering or relevant discipline with upto last semester CGPA: 8 and above. Students with knowledge of semiconductor devices and SCAPS or Silvaco TCAD simulation software would be given preferences.
8.	How to apply: Last date of application: 25th October 2025 up to 5 PM.	<ol style="list-style-type: none">1. Send a pdf copy of application form (attached bellow) along with supporting documents (see checklist mentioned in Annexure I) to email ID: <u>dmuchahary.ece@nitrr.ac.in</u> by 5 PM 25th October 2025 mandatorily.2. Only shortlisted candidates will be called for interview.3. Shortlisted candidates must bring a filled-up application form (hard copy) along with supporting documents and carry all testimonials in original at the time of interview.
9.	Schedule and venue of interview	29th October 2025, at 11.00 AM onwards, Department of Electronics & Communication Engineering, NIT Raipur.
	For more information, please contact Principal Investigator of the project Dr. DeboraJ Muchahary , Department of Electronics & Communication Engineering, National Institute of Technology Raipur, CG-492010, India Mobile 7086185123, E-mail: <u>dmuchahary.ece@nitrr.ac.in</u>	

DeboraJ Muchahary
(P.I.)