

SOURAV KUMAR DEO

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CAREER OBJECTIVE

Motivated and detail-oriented Electronics and Communication Engineering student with a strong foundation in electronic circuits, communication systems, and embedded technologies. Seeking an opportunity to apply theoretical knowledge in practical environments, contribute to innovative electronics-based solutions, and grow into a skilled engineer in a dynamic, tech-driven industry.



EDUCATION

B. Tech (Electronics & Communication Engineering)	2022-2026	Maulana Abul Kalam Azad University of Technology, West Bengal	
Intermediate XII (PCM)	2020-2021	Bihar Board of Open Schooling & Examination, Patna	68.80%
Matriculation X	2017-2018	DAV Centenary Public School Baniahir Dhanbad, Jharkhand	48.6%

ACADEMIC MINI PROJECT

Project Title: *Amplitude Modulation and Demodulation*

Tools/Components Used: Function Generator, Modulator Circuit, Diodes, Oscilloscope, Breadboard, MATLAB

- Designed and implemented a basic Amplitude Modulation (AM) system for analog signal transmission.
- Demonstrated modulation and demodulation of an audio signal using hardware circuit components.
- Analyzed **waveforms on CRO** and calculated modulation index.
- Gained hands-on experience in **communication principles** and analog signal processing.

TECHNICAL SKILLS

- **Software Tools :** MATLAB, PSpice
- **Embedded System & Programming :** C, C++, JAVA, Arduino IDE
- **Web Technologies :** HTML, CSS, Javascript

CO-CURRICULAR ACTIVITIES

- Participated in an industrial visit to the **Variable Energy Cyclotron Centre (VECC), Kolkata**, gaining exposure to advanced accelerator and nuclear research technologies.
- Attended a workshop on **Microstrip Antenna Prototype Design for RF Energy Harvesting**, focusing on design principles and practical fabrication techniques.
- Completed a hands-on workshop on **Arduino and its Actuator Interfacing during AAI 2023**, developing basic automation and control system applications.

PERSONAL DETAILS

- **Date of Birth** : 05 February 2001
- **Nationality** : Indian
- **Languages Known** : English, Hindi, Bengali
- **Hobbies** : Playing Cricket

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Date : 10 July 2025

Place : Kolkata

Signature : Sourav Deo