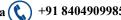
SOURAV KUMAR DEO







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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

: 05 February 2001 • Date of Birth • 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: SOUXON Deo