SAKSHI KUMARI

6387569230 • sakshisantoshkumari2702@gmail.com • https://www.linkedin.com/in/sakshi-kumari-0076b122a •

EDUCATION

Bachelor of Technology in Electrical Engineering Graduating 2025

8.26 CGPA

Madan Mohan Malaviya University of Technology

Relevant coursework: Data Structures and Algorithms, Object Oriented Programming

TECHNICAL SKILLS

: C/C++,Data Structures and Algorithms

: MATLAB

: Object Oriented Programming

: Arduino UNO, Robotics

ACADEMIC PROJECTS

Robotics

Made Wireless Bots via a Bootcamp organised by Elliterate startup company

- Made Bluetooth Controlled Bot for design and development with bluetooth module(HC-05) and implementing motor control mechanism
- Made IR Sensor Bot for Autonomous Navigation and Obstacle Detection and developing the navigation algorithm, integarting IR Sensors and programming obstacle detection capabilities
- Learned about Arduino UNO coding and Tinkercad

Vending Machine

Successfully implemented beverages and drinks vending machine using C++ and OOP principles with below features.

- Inventory Management: Developed a comprehensive inventory management system to track the availability of drinks and beverages in the vending machine.
- Coin Handling: Created a sophisticated coin handling mechanism that allowed users to insert coins of various denominations and accurately calculated their total balance.
- Item Dispensing: Designed and implemented the core functionality for item dispensing, enabling users to select their desired drink or beverage from the available inventory.

EXPERIENCE

Executive Board Member at Cultural Synod Present

Cultural Synod is the Cultural Society of MMMUT Gorakhpur and it manages and organizes different cultural events in university

- Organised various cultural events in the University
- Organized the Art, Literary and Cultural Fest (Abhyudaya) of the University

PERSONAL INTEREST

- Singing, Sketching, Badminton, Book reading