

ASHUTOSH MULE

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Education

JSPM Rajarshi Shahu College Of Engineering Pune

2022-2026

- Electrical Engineering | CGPA: 6.76

Bharat Bharti Sec And Higher Sec School

2020-2022

- Class XII, Aggregate:79%

Bal Vidya Mandir, Parbhani

2019-2020

- Class X, Aggregate:93.80%

Skills

PLC Automation | Allen Bradley | Siemens | Mitsubishi | SCADA | Servo Drive | VFD | HMI | EPLAN | AUTOCAD | MS Office

Projects

Smart Car Parking System

A Smart Car Parking System using Arduino is an innovative project that automates the process of monitoring and managing parking spaces. By integrating various sensors and actuators, the system can detect vehicle presence, control entry and exit gates and display real-time parking availability.

- Developed a smart car parking system using Arduino UNO.
- Improved space usage and reduced manual work.
- Programmed using Arduino IDE (C/C++).
- Controlled entry gate Using Servo Motor.

Fire extinguisher RC Robot For Human Safety

This project involves designing a remote-controlled robot using Arduino that can detect and extinguish small fires in risky areas. The robot uses flame sensors to locate the fire and is equipped with a fire extinguisher system operated via RF remote. It aims to reduce human risk by enabling safe firefighting from a distance.

- Designed an RC robot to extinguish fires in hazardous areas.
- Used Arduino for motor and sensor control.
- Integrated flame sensors to detect fire sources.

Academic and Extracurricular Achievements

- Complete PLC Automation (hardware and software) Course From The World Of Automation Certified By ISO 9001:2015.
- Hands-on Workshop on Electric Vehicle
- Hands-on workshop on Industrial Approach of Electrical & Electronic Components
- Mesh Bot Event Certification

Positions of Responsibility

Volunteer in Tedx RSCOE | Served as a volunteer for TEDx RSCOE, capturing moments of speakers, audience interactions, and event management. Contributed to the official event managing, showcasing creativity and professionalism.

Soft Skills

- Leadership & Team Management.
- Decision Making & Emotional Intelligence.
- Time Management & Responsibility.

