

# SUMITKUMAR LINGAYAT

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## Education

### JSPM Rajarshi Shahu College Of Engineering

2022- 2026

- Electrical Engineering | CGPA: 6.53

### Bharat Bharti Sec And Higher Sec School

2020- 2022

- Aggregate:77.50%

### Bal Vidya Mandir, Parbhani

2019- 2020

- Aggregate:92.60%

## Skills

PLC Automation | Allen Bradley | Mitsubishi | SCADA | Servo Drive | VFD | HMI | AUTOCAD | MATLAB Simulink | Excel

## 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.
- Improved fire response in unsafe environments

## Academic and Extracurricular Achievements

- State-Level Kho- Kho Player – Demonstrated teamwork & strategic thinking
- Hands-on Workshop on Electric Vehicle
- Hands-on workshop on Industrial Approach of Electrical & Electronic Components
- Mesh Bot Event Certification

## Positions of Responsibility

### President of EESA

The Electrical Engineering Students' Association (EESA) is a student-driven organization that serves as a bridge between students, faculty, and industry in the field of electrical engineering.

### Volunteer in Tedx RSCOE

Served as a volunteer photographer for TEDx RSCOE, capturing dynamic moments of speakers, audience interactions, and event highlights. Contributed to the official event coverage and promotional content, showcasing creativity, professionalism, and storytelling through visual media.

## Soft Skills

- Problem-Solving & Analytical Thinking
- Team Collaboration & Leadership
- Quick Learning & Adaptability
- Time Management & Responsibility.

