

SATHISH.M

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EDUCATION

JSS Academy of Technical Education

Bengaluru, India | Nov 2022-Present

Bachelor of Engineering in Electronics and Instrumentation Engineering(E&IE)

- Cumulative GPA : 7.15 (ongoing)

S Cadambi Independent Pre-University College

Bengaluru, India | 2021-2022

- Percentage : 76.83%

Sapthagiri Public School

Bengaluru, India | 2019-2020

- Percentage : 70.08%

SKILLS

Technical: Programming language : C, Python , Embedded C

Tools/Technologies : CAD, MATLAB ,Arduino

PROJECTS

Arduino Based Smart Fan

Jul 2024

The Arduino-based smart fan automatically adjusts its speed based on temperature readings from a sensor. It improves comfort and energy efficiency by responding to real-time conditions. It also analyses the performance of the sensors.

Tools/Technology : Arduino , c programming

Automatic Crop/Grass Cutting Robot

Dec 2024

The Automatic Crop/Grass Cutting Robot is designed to autonomously cut grass or harvest crops. Powered by an Arduino, it uses motors, sharp blades, and sensors for movement and obstacle detection. It reduces manual labour, improves efficiency, and can operate on battery or solar power, making it eco-friendly and cost-effective.

Tools/Technology : Arduino , c programming

ACHIEVEMENTS

- Built and tested working electronic circuits.
- Designed small PCBs for projects
- Created IoT projects using sensors and microcontrollers.

INTEREST

- Circuit Design and PCB Prototyping

- IoT Projects and Embedded Systems
- Analog and Digital Circuit Experimentation