

# Pravalika K

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## EDUCATION

**Jyothy Institute of technology**  
B.E in Electronics & Communication

Bangalore, India  
Dec 2021 - May 2025

**Silas Mahesh PU College**  
PCMC

Udupi, India  
June 2019 - May 2021

**Pragathi Composite School Sagar**  
Class X

Sagara, India  
- March 2019

## TECHNICAL SKILLS

**Programming Languages:** Basic C, C++, JavaScript,

**Design Tools:** Ki-cad, Proteus,

**Operating systems:** Windows, Linux (Red Hat), Ubuntu

**Other Skills :** VLSI, Pcb Designing, WebDevelopment

## INTERNSHIP

### Web development and Digital Marketing Intern

- **SN INFO SYSTEMS, BANGALORE** October 2024 - May 2025

Designed and Implemented a customized Webpage about top engineering colleges across India. It helps students explore institutions, compare options, and make informed decisions for their engineering education.

- Languages and libraries used : JavaScript,CSS, React.js,
- <https://www.bestengineeringcollegesinindia.com/>
- Worked as a digital marketing intern for *GetMyCollege.com*, promoting the platform through SEO, social media, and targeted campaigns. Helped increase web traffic and student engagement by optimizing content and outreach strategies.

## PROJECTS

### ● **Smart Wearable for Visually Impaired People(VIP), using IOT**

The main objective of our project work is to provide a reliable, cost effective, low power solution for a blind people which would help them to move almost like any other normal pedestrian.

### ● **3D Scanning machine**

"Developed a 3D scanning machine using Arduino Nano, stepper motor, and Sharp IR sensor for precise object digitization."

### ● **Fingerprint-Based Voting Machine**

Designed a secure and efficient voting system using biometric authentication. The fingerprint-based mechanism ensures that each voter can vote only once, thereby eliminating the possibility of duplicate or fraudulent votes.

## EXTRA SKILLS

- Team leading, Photography, Videography, Video Editing, Graphic Designing,

## EXTRACURRICULAR ACTIVITIES

- Core member of a Cutting Edge IOT Research And Exploration Association, Core Member of Robothon 2K24, Took part in 24h Gameathon and Hackathon at college level