


VEENA C BADIGER

Electronics and Instrumentation Engineering

+918317343342

 veenabadiger53@gmail.com

 <https://www.linkedin.com/in/veenacbadiger2003/>

ABOUT ME

Enthusiastic Electronics and Instrumentation Engineering student passionate about sustainable solutions. Seeking opportunities to leverage skills in embedded systems, automation, and energy systems to drive impactful projects. Committed to contributing innovative, efficient, and environmentally friendly solutions while continuously growing professionally.

EDUCATION

August 2022 - June 2026

Bachelor of Engineering

JSS Academy Of Technical Education, Bengaluru

Electronics and Instrumentation Engineering

CGPA: 8.05

June 2020 - April 2021

PUC

G K Malagond Pre-University college, Ilkal

Score: 85.83%

June 2018 - April 2019

SSLC

SVM English medium school, Ilkal

Score: 88.8%

PROJECTS

Automatic Fire Fighting Robot

An automatic fire-fighting robot capable of detecting fire using sensors and extinguishing it using a water-spraying mechanism. Integrated flame sensors, motor controls, and microcontroller logic to enable autonomous navigation and fire response in real-time scenarios.

Automatic Sun Tracking Solar Panel

Developed a solar panel system with automatic sun-tracking capability using LDR sensors and servo motors to maximize energy efficiency.

Programmed microcontroller-based control logic to adjust panel orientation in real-time based on sunlight intensity.

SKILLS

Programming Languages: C, C++, Python, Embedded C, HDL

Software & Tools: MATLAB, Arduino IDE, LabVIEW

LANGUAGES

English, Kannada, Hindi.