



SURAJ MANE

ELECTRONIC AND TELECOMMUNICATION
(PURSUING)

CONTACT

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EDUCATION

Bachelor's Degree (Pursuing) (CGPA : 6.86)

Padmabhooshan
Vasantodada Patil Institute of
Technology (PVPIT), Budhgaon
Sangli

University

Dr. Babasaheb Ambedkar
Technological University
(DBATU)

Diploma (82.53%)

Padmabhooshan
Vasantodada Patil Institute of
Technology, Budhgaon, Sangli
(PVPIT).

University

Maharashtra State Board of
Technical Education (MSBTE)

SCC (10th) (85.60%)

Shri Bhawani Devi English
School, Savarde

CAREER OBJECTIVE

To secure a challenging position in a reputable organization where I can utilize my technical skills, contribute to team success, and grow both personally and professionally while adding value to the company.

ACADEMIC PROJECT

Major Projects:

➤ Colour Based Object Sorting Robotic Arm

Designed and developed an Arduino Uno-based colour sorting system integrated with a 3-DOF robotic arm and conveyor belt mechanism. Implemented a TCS3200 colour sensor for real-time detection and classification of coloured objects, IR sensors for object presence detection, and servo motors for precise robotic arm movement. Utilized motor drivers and DC motors for conveyor control, while embedded C programming was used for sensor interfacing, motion control, and automated object sorting.

➤ Smart Dustbin with Floor Cleaner

An Arduino based automation system that combines waste collection and floor cleaning in a single unit. The dustbin uses an ultrasonic sensor and servo motor for automatic lid opening and closing, reducing human contacts. The cleaning mechanism employs DC motors and Vacuum section. This project integrates embedded system sensors and motor controls to improve hygiene in public and domestic spaces.

➤ Electronic Voting Machine using 89C51

Designed and developed an 89C51 microcontroller-based voting system with push-button candidate selection, LCD display for instruction/ results, EEPROM for secure data storage. Ensured probability, accuracy and transparency in the voting process. Integrated a control switch to authorize each vote and prevent duplication. Applied embedded C programming and hardware description techniques for reliable operation

ACHIEVEMENTS

Winner in Hack Elite,
Nirmiti National Event
2025

QUALITIES

- Teamwork
- Critical thinking
- Time management
- Adaptability
- Project Management

INTEREST

- Playing Chess
- Solving Logical and Reasoning Puzzles
- Watching Movies, Animes.
- Exploring Various Dishes

CERTIFICATIONS

- Embedded C Programing – ITINFO Academy

MINI PROJECTS

- Clap Operated Device Controller
- Automatic Room light Controller
- Microcontroller-Based Seven Segment Display System
- Automatic Street Light Controller

INDUSTRIAL TRAINING

- **UNIVERSAL POWER CONTROL PVT.LTD. SANGLI**
Domain : Manufacturing Capacitors, Soldering PCB.
- **ORIGIN TECH, ISLAMPUR**
Domain : IOT and IOT Interfacing Boards
- **ITINFO ACADEMY**
Domain : Embedded C Programing
- **NETNIRMAN SOLUTIONS,SANGLI**
Domain : Optical Fiber (Fundamentals, OLT & ONT Confirgution)
- **ACMEGRADE**
Domain : Embedded System

TECHNICAL SKILLS

- Ladder logic, PLC
- C Language
- Knowledge of Electronics Circuits
- Microcontroller 8051
- Software: Familiar with RSlogic/Studio 5000, MATLAB, SimulIDE, Xilinx, Proteus, Arduino.

DECLARATION

I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.

Mr. Suraj Appaso Mane