

PRAJAPATI NEHALKUMAR NARAYANDAS

Final year B.E. Electrical Engineering Student

Government Engineering Collage, Modasa

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Career Objective

Motivated final-year Electrical Engineering student seeking entry-level opportunities in core electrical, software, or IT industries where I can apply my technical skills, problem-solving ability, and passion for learning to contribute to organizational growth while enhancing my professional expertise.

Education

● **Diploma in Electrical Engineering**

Government Polytechnic Himatnagar

Graduation : 2023

CGPA : 8.66

● **Bachelor of Engineering (B.E.) in Electrical Engineering**

Government Engineering Collage, Modasa

Expected Graduation: pursuing

CGPA: 6.93

Core Subjects

- Power System, Electrical Machine, Power Electronics, Analog & Digital Electronics

Technical Skills

- Tools/Technologies: Autocad Electrical, Arduino
- Programming languages: Python
- Programming & Automation: PLC Programming(Basics), Robotics & Automation
- General Skills: Technical Documentation
- Productivity Tools: MS Office(Word, Power Point,Excel)

Projects

1. ARDUINO BASED HOME-SECURITY SYSTEM (BE SEM 5)

This project consists fire and smoke detection and gas leakage system. We have used a fire sensor, and LCD display data. Arduino will receive data from the sensor and make a decision. For example, any of the sensors detect an abnormal condition at a time, or one by one they send the data to the micro-controller Arduino UNO. Based on the data receive Arduino will display the alert message and the buzzer on.

2. ROBOTIC ARM FOR PICK & PLACE OPERATION (BESEM 6)

This project presents the programmable robotic arm intended for automation and precision tasks. The robotic arm is designed with multiple degrees of freedom and controlled using a micro-controller (such as Arduino), allowing it to perform movements similar to a human arm.

Internship

Robotics & Automation | INDO GERMAN TOOL ROOM, AHMEDABAD

JULY, 2025

Duration: 15 Days

Description:

Assisted in designing and testing robotic system for industrial automation applications worked with sensor, actuators, and micro-controller to automate tasks supported PLC programming and electrical wiring for automation setups contributed to troubleshooting, calibration, and documentation of control systems gained hand-on experience with robotics tools and electrical schematics.

Certifications

INDO GERMAN TOOL ROOM, AHMEDABAD (ROBOTICS & AUTOMATION)

Achievements

Active member, IEI Student Chapter - GEC Modasa

Languages: [English, Hindi, Gujarati]