

DEVASHISH SAMBHARE

Electronics / Embedded System Engineer

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EDUCATION

B.Tech

Nov 2020 - Jun 2024

Electronics and Communication Engineering at Acropolis Institute of Technology and Research

(CGPA: 8.27/10.0)

PROJECTS

• Vehicle Security System (VSS)

Mar 2024 – Apr 2024

Developed an embedded system using GSM, Neo6M GPS, and Arduino for vehicle security.

Role: Independent Developer

• Hydroponic System using ESP32

Jan 2024 – Mar 2024

Built an IoT-based system using ESP32, sensors (pH, EC, potassium, temp, water level), solenoid valve, and water pump for automated nutrient control and ThingSpeak-based monitoring.

Role: Developer

• Weather Monitoring System

July 2023 – Aug 2023

Designed and implemented a weather monitoring system using ESP32 and DHT11 sensor.

Role: Independent Developer

• Home Automation using ESP8266

Feb 2023 – Mar 2023

Controlled electronic appliances using Wi-Fi and IR remote.

Role: PCB Designing & Hardware-Centric Tasks

ACHIEVEMENT

- Secured 2nd position in Intra-Institution Innovation Competition 2024, organized by IIC.
- Winner of IOT Competition 2023 in which 100 Students participated, organized by AITR, Indore.

CAREER DEVELOPMENT ACTIVITIES (2024-25)

- Appeared in GATE ECE 2024 – missed cutoff by 1.25 marks.
- Appeared in RBI Grade B 2024.
- Learned basic Python for logic building and automation.
- Appeared in BEL Probationary Engineer (ECE) 2025 – missed cutoff by 8 marks

SKILLS

Electronic Devices & Circuits, Analog/Digital Electronics, Circuit Simulation (TinkerCad, Partsim), PCB Designing (EasyEDA), Embedded Systems, CAN/SPI/I2C/UART/RS485, IoT, Arduino IDE, Basic Embedded C, Python, PLC & Automation, MS Office (Word, PowerPoint, Excel)

CERTIFICATES

Embedded Systems, IoT, and PCB Design, Pantech ProEd Pvt Ltd

Electric Cars Technology, Delft University of Technology

Sensors Study, University of Colorado

LANGUAGE KNOWN

English, Hindi, Marathi