



AMBUJA S

ELECTRONICS AND COMMUNICATION ENGINEER

CONTACT INFO

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📅 DOB-11/12/2003

TOOLS AND TECHNOLOGIES

- Arduino IDE
- Dip trace
- Tinker cad
- kicad

EDUCATION BACKGROUND

- **DEGREE - BANNARI AMMAN INSTITUTE OF TECHNOLOGY (2022-2026)**

B.E-ELECTRONICS AND COMMUNICATION ENGINEERING

CGPA: 8.62 (up to 2nd semester)

- **12TH-SRI VENKATESHWARA VIDHYALAYA MATRIC SCHOOL(2020-2021)**
96%

- **10TH-SRI VENKATESHWARA VIDHYALAYA MATRIC SCHOOL (2018-2019)**
97%

CAREER OBJECTIVE

- Self-motivated, self-esteemed, highly passionate, and hardworking fresher looking for an opportunity to work in a challenging organization
- Highly interested in web developing, designing, and coding and wish to provide effective solutions to the problem statements.

PROJECTS

- **AIR QUALITY MONITORING SYSTEM**

EVENT NAME : cornucopia

Role Played: Solo developer

Tools or techniques used: NodeMcu, DHT11 and MQ6

Description: Detection of temperature and humidity levels around the surroundings.

- ♦ **SMART HOME AUTOMATION**

Duration: (8 hours)

Role Played: Solo developer

Description: The ESP8266 is used in this project to create a home automation system that enables users to remotely turn on and off to 230 volts lamps from a smart phone or other internet connected device. The relay module and ESP8266 are the 2 primary parts of the suggested system. With Wi-fi connectivity, the Esp8266 serves as the central control unit and may communicate with external devices across a local network.

- ♦ **STREET LIGHT MONITERING SYSTEM**

Duration: (10 hours)

Tools or techniques used: Arduino, infrared sensor

Description: By using 2 IR sensors and one LDR sensor, the system maintains proper illumination while cutting down on energy consumption

PAPER PRESENTATION

- **DURATION :** (Jan 2023-Feb 2023)
- **PAPER :** – Smart feeding system for strays
- **EVENT NAME :** vashisht
- **ORGANIZER :** IITDM kanchipuram

AREAS OF INTEREST

- Circuit design
- Fabrication of PCB
- Web development

PERSONAL SKILLS

- ♦ Leadership experience Teamwork
- ♦ Time Management and decision Making
- ♦ Self-Motivation

HOBBIES

- ♦ Gardening
- ♦ Exploring the new places
- ♦ Pencil arts

LANGUAGES KNOWN

- English - R, W, S
- Tamil - R, W, S

EXTRA-CURRICULAR ACTIVITIES

- Badminton
- Crafts works
- Carrom board
- Dance and music
- Chess

DECLARATION

I AMBUJA S, hereby declare that the above-written particulars are true to the best of my knowledge.

Date: XX-YY-ZZ

Place: Erode

Signature