PREETIKA M

ElectronicsandCommuncation Student

📞 9629249858 ✉ preetikapreetika40@gmail.com ✉ preetika.ec22@bitsathy.ac.in ,

🔗 https://www.linkedin.com/ 🔗 https://github.com/Preetika 📍 Tirupur,Tamil Nadu, India
in/preetika-m-0bbb92268/ 123-123

SUMMARY

I am a self-motivated Electronics and Communication Engineer with a strong foundation in web development and innovative solutions. Currently, I am pursuing my degree and have gained hands-on experience in various projects, including IoT applications and machine learning. I thrive in challenging environments and continually seek opportunities for growth and learning

---

EDUCATION

Bannari Amman Institute of Technology
B.E - ElectronicsandCommunicationEngineering - CGPA : 7.33 (upto 6th Sem)

Sathyamangalam
08/2022 - 05/2026

Senthil Matric Hr. Sec. School
12th Grade : 85.1%

Tirupur
06/2021 - 05/2022

Senthil Matric Hr. Sec. School
10thGrade : 65 %

Tirupur
06/2019 - 05/2020

PROJ ECTS

LINE FOLLOWER ROBOT 09/2024 - 12 /2024
LineFollowerRobot project focused on designing an autonomous robot that follows a predefined path using infrared sensors.
• Built using IR sensors and Arduino for detecting and following black lines on a white surface.
• Enabled obstacle avoidance and adjustable speed control for smooth navigation.

WATER QUALITY MONITORING SYSTEM 03/2024 - 06/2024
WaterQualityMonitoring project focused on assessing water quality parameters in real time
• Developed IoT-based system using sensors to measure pH, turbidity, and temperature
• Sent real-time data to the cloud for monitoring and alert generation using NodeMCU and Blynk.

EMERGENCY ACCESS AID PORTAL 08/2024 - 01/2025
EmergencyAccessAidPortal project designed to support quick access to emergency resources and services
• Built a web application for registering and locating emergency resources (ambulance, blood donors, etc.)
• Integrated location-based services and user-friendly interface for fast response in emergencies

---

SKILLS & TECHNOLOGIES

Programming Languages : Java , C , Python

Web Development : HTML , Ui/Ux

Tools : Figma , Canva , GitHub , Visual Studio Code
Area of Interets : Ui/Ux Design , Web Development

PARTICIPATIONS AND ACHIEVEMENTS

- Participated in an International Technical Event on the topic "Paper Presentation" organized by IIITDM Kancheepuram.

- Participated in an International Technical Event on the topic "Paper Presentation" at Goverment College of Engineering ,Erode.

- Participated in an International Technical Event on the topic "Project" organized by Hindusthan College of Engineering,Coimbatore.

EXTRA - CURRICULAR ACTIVITIES

V-PRAYUKTI'24 oganized by ECE Department in BIT (Volunteering)ucted in Kongu Engineering College Runner in 27-th annual sports day celebration conducted by BIT.

Community Service Club Member - Led outreach initiatives such as visits to old age homes, offering support and companionship to underprivileged individuals while promoting empathy, social responsibility, and community engagement.

SOFT SKILLS

- Leadership Experience
- Time Management
- Team Working
- Active Listening
- Critical Thinking

ADDITIONAL INFORMATION

Languages Known : English, Tamil

Hobbies : Dancing, Spending Leisture time with Family, Listening Music

DECLARATION

I PREETIKA M, hereby declare that the above particulars are true and correct to the best of my knowledge.

DATE :

PLACE : TIRUPUR

SIGNATURE
PREETIKA M