

YOGANANTH GR

+91-6382651782 | yogananthgr@gmail.com

 [Yogananth GR](#)

Thalaivasal, Salem, Tamil Nadu - 636101, India

OBJECTIVE

I'm an ECE student at IIIT Sri City, passionate about embedded systems and IoT. I thrive on hands-on projects, those involving electronic components and sensors. My notable project includes a seat belt safety system aimed at enhancing passenger safety during accidents. I'm always curious about how electronics can be used to create simple, smart solutions to real-world problems.

PROJECTS

• Seat Belt Safety System

Aug - Dec 2024

- Designed a smart seat belt system aimed at minimizing injuries during vehicle collisions.
- Implemented automatic belt tightening upon detecting an accident to secure the passenger.
- Integrated Bluetooth module to send immediate alerts to emergency contacts.
- Enhanced passenger safety through real-time response and automated emergency communication.

• IoT Based Dimming of streetlights Mini Project:

ElectroForge Hackathon

- Built an IoT-enabled system to auto-dim streetlights using LDR sensors and NodeMCU for energy saving.
- Enabled dual modes: automatic (sensor-based) and manual control via Blynk app.
- Integrated sunrise/sunset logic and weather detection to optimize power use.
- Improved system stability by refining NodeMCU and Blynk communication.

EDUCATION

• Indian Institute of Information Technology Sri city

Electronics and Communication Engineering

2023 - Present

Sri city, India

- Current CGPA : 7.80

• Narayana Junior College, Brahmadevam

Higher Secondary Education

2021 - 2023

Nellore, India

- Overall Percentage : 96.2%

• Narayana EM HS Pedarupalli Nellore, Dhanalakshmi pura

Secondary Education

Passed in 2021

Nellore, India

- Overall Percentage : 98.6%

SKILLS

- **Soft Skills** : Team Management, Communication Skills, Active Listening, Time Management
- **Hard Skills** : Arduino, Raspberry Pi, LTSpice
- **Programming Languages** : Embedded C, C++
- **Version Control** : GitHub

ADDITIONAL INFORMATION

• Languages

- English (Proficiency)
- Tamil (Mother Tongue)
- Telugu