



EDUCATION

Sri Eshwar College of Engineering	B.E ECE	CGPA: 8.69(till 2 nd semester)	2024-2028
Sri Nachammal Vidyavani Senior Secondary School	HSC	94%	2023-2024
Sri Nachammal Vidyavani Senior Secondary School	SSLC	96%	2021-2022

PROJECTS

FSM Based Smart Parking System	2025
A <i>smart parking management system</i> that automates vehicle entry, exit, and slot allocation using password-based access and VIP identification.	
The goal of this project is to efficiently manage parking spaces , ensure security through password verification , and automatically release slots after a set time.	

CERTIFICATIONS

Hardware Modelling Using Verilog (NPTEL)	2025
Digital Logic Circuits and Design (Udemy)	2025
Git and GitHub (LinkedIn Learning)	2025
C and C++ Training (IIT Bombay)	2024

RESEARCH AND PAPER PUBLICATIONS

Analysis of Bootstrap Gate Driver Design for MOSFETs - eSim , FOSSEE, IIT BOMBAY (Link)	2025
Efficient High-Side N-Channel MOSFET Driver Circuit - eSim , FOSSEE, IIT BOMBAY (Link)	2025

SKILLS

Programming - C | Python | C++
Core Concepts - Data Structures and Algorithms | Digital Logic Design | Analog Electronics | Network Theory
Tools - VSCode | Canva | GitHub | Xilinx Vivado | ModelSim

AWARDS AND HONOURS

Received First Prize in a One day Hackathon on VLSI Design Sprint	2025
Shortlisted in Sri Eshwar's ICPC to Continental Round	2025
Selected as a Student Mentor for 1 st year students	2025