

PRIYADARSHINI

Electronics and Communication Engineering Student
NIE, Mysore

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EDUCATION

Bachelor of Engineering in Electronics and Communication
NIE, Mysore | Expected Graduation: 2025
CGPA: 8.5/10

TECHNICAL SKILLS

Programming Languages: C, C++, Python Basics
Embedded Systems: Arduino, Microcontroller Programming, IoT
Digital Electronics: VLSI Design, Digital Logic, Circuit Analysis
Software Tools: MATLAB, Simulink, Proteus, Multisim
Web Technologies: HTML, CSS, JavaScript Basics
Communication Systems: Analog & Digital Communication, Signal Processing

PROJECTS

Smart Home Automation System
- Developed IoT-based home automation using Arduino and sensors
- Implemented remote control via mobile application

Digital Signal Processing Project
- Designed and implemented digital filters using MATLAB
- Analyzed signal characteristics and noise reduction techniques

Communication System Simulation
- Simulated AM/FM modulation and demodulation circuits
- Analyzed signal quality and transmission parameters

ACADEMIC ACHIEVEMENTS

- Consistently maintained CGPA above 8.0
- Completed Advanced C Programming certification
- Participated in IEEE Student Branch activities
- Member of Electronics and Communication Club

INTERESTS

Embedded Systems, IoT, Digital Signal Processing, Communication Engineering
Problem Solving, Team Collaboration, Continuous Learning