

# 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