

# Chandra Puneeth Reddy

Email: puneeth6019@gmail.com | Phone: 7204569199 | Karnataka, India

## Objective

Motivated and passionate Electronics and Communication Engineering (ECE) undergraduate with a strong foundation in embedded systems, electronic principles, and circuit design. Seeking opportunities to leverage technical skills in projects spanning embedded design, electronics research, and development.

## Education

- Bachelor of Engineering (B.E.) - J.S.S. Academy of Technical Education, Bangalore  
Electronics and Communication Engineering (Aug 2022 - Present)
- Schooling - Saint Francis of Assisi School  
Completed 10th Grade (2019-2025)

## Technical Skills

- Embedded Systems Design (Microcontrollers, Embedded C)
- Electronic Principles and Circuits (Transistors, Amplifiers, MOSFETs, Op-Amps, Oscillators)
- Power Electronics (Thyristors, Power Amplifiers)
- Active Filters, 555 Timer Circuits, Negative Feedback Analysis
- Arduino and IoT Prototyping (Basic)
- Familiarity with MATLAB and basic simulation tools
- Beginner level Schematic and PCB Design

## Additional Skills

- Problem Solving
- Team Collaboration
- Project Management

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## Projects

### - Virtual Fencing for Cattle Grazing (Oct 2024 - Dec 2024)

Developed a virtual fencing system to monitor and control cattle grazing zones using embedded technology and sensors.

### - Embedded Systems Mini Project

Designed and implemented a basic temperature monitoring system using Arduino and sensor integration.

## Certifications

- MATLAB Basics

- C++ Programming

## Achievements

Consistent engagement with electronic design principles and embedded systems development.

## Interests

- Embedded Systems and Electronics Research

- Power Electronics and Circuit Design

## Languages

- English (Fluent)

- Hindi (Fluent)

- Kannada (Moderate)

# **Chandra Puneeth Reddy**

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- Telugu (Fluent)
- Marathi (Beginner)
- French (Beginner)

## **Declaration**

I hereby declare that the above information is true and correct to the best of my knowledge and belief.