

# MEET PAREKH

Student, Tech  
Enthusiast

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## ABOUT ME

I am a passionate and curious Computer Science undergraduate at IIIT Hyderabad, always eager to explore new technologies and improve my problem-solving skills. While I value academic performance, my primary focus lies in building real-world skills through coding, development, and continuous learning. I believe in learning by doing and strive to grow both technically and personally with every challenge I take on.

## EDUCATION

IIIT HYDERABAD  
B.Tech in CSE (8.5 CGPA)  
2024 - 2028

B.H. RATHOD HIGH SCHOOL  
Class 12th(92.61%)  
2022 - 2024

INNOVATIVE SCHOOLS  
Class 10th(89.5%)  
2018-2020

## PROJECTS

### Smart Irrigation System with ML-based Plant Recognition

An IoT-based automated irrigation solution using ESP32, with integration of ML model to classify plant type and optimize watering accordingly. Controlled via Blynk IoT and MQTT protocol, the system considers weather forecast, soil moisture, temperature and humidity. Live monitoring is supported through ThingSpeak.

### Multi-functional Calculator in C

Developed a console-based calculator that performs basic and scientific operations including trigonometric, logarithmic, and power functions. Demonstrated modular programming, use of standard math libraries, and clean menu-driven user interaction.

## SKILLS

- Languages: C++, Python, C, JavaScript, Assembly (x86-64), SQL, HTML, CSS
- Frameworks / Libraries: Node.JS, NumPy, pandas
- Tools & Platforms: Git, VS Code, Arduino IDE, Tinkercad, LaTeX, Postman
- Designing : Canva, Figma

## CO-CURRICULAR ACTIVITIES

- READING BOOKS
- WATCHING CRICKET
- WATCHING ANIME
- STOCK MARKET ANALYSIS

## ACHIEVEMENTS

TABLA VISHARAD	JEE MAINS 100 PR
ABGMV, Mumbai	JoSAA
Equivalent to Bachelors in Music	AIR 28 in JEE Mains,2024