

Ganit Yadav

Contact Details :

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Social Links :

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GitHub : <https://github.com/ganit23BAC10033>

Technical Skills

- Languages: C++, Python, java
- DSA in C++
- Tools: Matlab, Ltspice

Certifications

- Introduction to Machine Learning in Python - Coursera
- Introduction To Internet Of Things – NPTEL

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (ECE)	September 2023 – Ongoing	VIT Bhopal university (M.P.)	9.04/10
Class XII	April 2023	Govt. Boys H.S. School (Sidhi MP)	94.2%
Class X	April 2021	Govt. Boys H.S. School (Sidhi MP)	80%

ACADEMIC PROJECTS

Embedded system	<ul style="list-style-type: none">• Smart Irrigation Monitoring System using ESP32 :• Designed and implemented an automated system with ESP32, soil moisture sensor, DHT11 .• Integrated Blynk Cloud for mobile app control.• Enabled efficient water usage and plant health monitoring• Blind Detection System Arduino, Ultrasonic Sensor• I built a device using Arduino and ultrasonic sensors that helps blind people by detecting nearby obstacles and warning them through a vibration (or buzzer) alert.
IOT	<ul style="list-style-type: none">• Visitor Notification and Smart Door Locking System using ESP32-CAM: Tools & Technologies: ESP32-CAM, Telegram Bot, 16x2 LCD, Push Button, 12V Solenoid Lock, TIP122, 7805, Arduino IDE, IoT. I created a smart IoT system using an ESP32-CAM that takes pictures of visitors and sends them to my phone through Telegram. By pressing a button or sending a command like "/lock" or "/unlock," I can control the door remotely. I also added an LCD display outside the room that shows real-time messages, like whether I'm available or busy, all updated through Telegram. The system uses Blynk and Telegram for secure, real-time communication and automation.

CO-CURRICULARS

CODING	<ul style="list-style-type: none">▪ 300+ Problems on Leet-Code▪ 200+ Problems on GFG
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ACHIEVEMENTS

Achievements	<ul style="list-style-type: none">▪ District Topper (Madhya-Pradesh board result 2023)▪ Selected in STARS scheme (Support the Advancement of Rural Students) VIT Bhopal University
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ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none">▪ Playing cricket
Languages	<ul style="list-style-type: none">▪ English, Hindi