

## UJJWAL RANJAN CHOUBEY

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Electronic and Communication Engineerin 2021-2025 B.Tech.  
Central University Guru Ghasidas Vishwavidyalaya, Bilaspur

Examination	University	Institute	Year	CPI / %
Graduation	Central University GGU	ITGGV	Upto VI sem	7.48
Intermediate	CBSE	D.A.V Public School, Rajrappa Project	2020	78%
Matriculation	CBSE	Saraswati Vidya Mandir School, Rajrappa Project	2018	85.0%

### Certification Course

**Web-Development:** The Complete Web-Development Bootcamp2024 instructed by Dr. Angela Yu.

**Embedded System:** *Embedded In Robotics & Automation*

*In this course we have learn 8051 Microcontroller, IDE Tools usage, embedded c, Interfacing module, basic automation , robotics projects.*

### TECHNICAL PROJECTS

#### Weather App :

(Jan '24 )

In this project we used Open weather Api for fetching current and particular city location ,HTML, CSS ,for styling **Java-Script** is used for dynamically changing data like temperature, windspeed, humidity.

#### Password Genrator:

(Jan '24 )

- In this project we used random function for **generating random value** like integers ,lowercase, upppercase, special ,symbol.
- The password length minimum 4 and length upto20 and its default value10 and this app we can also **copy** the values data.

#### Tic-Toe Game:

(feb '24 )

In this app we have simple design the tic-toe game using **HTML ,CSS** for styling **Java-script** for game over, new-game, winner of game

#### Github Clone:

In this project we have used **github-api** for fetching person details from github.com and **HTML and CSS** for styling and **Java-script** for changing the data dynamically like restoring default data-profile.

#### Smart Tall-Gate :

(May '24 - June '24)

*Guide: Sr. Engineer (Training) | Dept. of E&C Engineering | MSME-Durg*

- In this project we used **RFID** for scanning QR and activating the servo motor should be turn on .

#### Smart-Tralley :

(May '24 - June '24)

*Guide: Sr. Engineer (Training) | Dept. of E&C Engineering | MSME-Durg*

- In this project we used **RFID** for accepting and denaing and adding that item into the basket

#### Smart-switch :

(May '21 - June '24)

*Guide: Sr. Engineer(Training) | Dept. of E&C Engineering | MSME-Durg*

- Woking with **ESP-32** in this project which help in turn **On/Off** Multiple led

#### Smart Room :

(May '24 - June '24)

*Guide: Sr. Engineer(Training) | Dept. of E&C Engineering | MSME-Durg*

- Integrated **IR** sensors which increases and decreases the **count** when person enter and exit the room.
- when person enter the room LED ,LCD ,Buzzer **ON and off** in vice-versa.

### TECHNICAL SKILLS

**Programming Languages :** Python, C, C++, Arduino, HTML, CSS, Tailwind, JS

**Softwares & Tools :** VS Code, LTSpice , Kiel

### RELEVANT COURSES

**Core :**Microprocessor and Microcontroller, Analog Circuits, Signal Processing, Analog Communication, Digital Communication, Probability Theory and Random Access ,Electronic Circuit ,Linear Integrated Circuit, Control System,.