



HITESH KUMAR

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<https://github.com/HITECHY> <https://hitechy.github.io/Hitesh-Portfolio/>

EDUCATION

B.Tech	2021-2025	Netaji Subhas University of Technology, Delhi	CGPA – 7.34
CBSE (Class XII)	2020	Holy Convent Senior Secondary School, Delhi	
CBSE (Class X)	2018	Holy Convent Senior Secondary School, Delhi	

ACADEMIC PROJECTS

E-COMMERCE WEBSITE WITH POS INTEGRATION: HOMIES STORE

April, 2023

- An e-commerce website with seamless POS integration. As a multi team member project, my role was to handle the database using **SQL, PHP** and front end of the website using **HTML-CSS template**.
- This project showcased my ability to deliver **practical solutions, collaborate** effectively, and implement industry best practices.

MOSFET BASED SPEED CONTROLLER BY 555 TIMER

- This project focuses on creating a motor speed control system utilizing an **IRFZ44N MOSFET**, a **555 timer IC**, and a **BC547A transistor**. The combination of these components enables precise control over the motor's speed by generating **pulse-width modulation (PWM) signals**.

CERTIFICATES AND AWARDS

- Certificate of **CCC (Course on Computer Concepts)** with **National Institute of Electronics and Information Technology (NIELIT)**
- NPTEL Certificates**
 - Foundation Course in Managerial Economics (Jan-Mar 2022).
 - Innovation, Business Models and Entrepreneurship (Aug-Oct 2022).
 - Ethics in Engineering Practice (Feb-Apr 2023).
 - Introduction to Cognitive Psychology (Jan-Apr 2024).
 - Introduction to Internet of Things (IIOT) (Jan-Apr 2024).

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- School level second runner up in **TATA BUILDING INDIA** essay competition (2014-2015).
- Winner in Speech Writing competition on school Level, Holy Convent Senior Secondary School, Delhi.
- Winner in Group E zone in **Camel Art Contest** – World's Largest Art Contest.

SKILLS

- Programming Languages:** C, C++ (proficient), Python (beginner), MySQL, HTML (proficient), CSS (proficient), JavaScript (Intermediate), PHP (intermediate)
- Software's:** MATLAB, SIMULINK, MULTISIM, LTSPICE, XAMPP.
- Coursework:** Digital Circuits & Systems, Electronics Devices & Circuits, Microprocessor Based System Design, Control System