Ankush Kumar

(+91) 9602439087
22ec3012@rgipt.ac.in

Eager to apply technical skills in real-world projects and contribute to innovative solutions

PROFILE

A focused and enthusiastic Electronics Engineering student with a solid foundation in digital and analog circuits, embedded systems, and signal processing. Skilled in programming and hardware development, with hands-on experience in designing and simulating circuits. Eager to apply my technical knowledge and problem-solving abilities in real-world projects and contribute to the development of innovative electronics solutions.

EDUCATION

Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, Uttar Pradesh — *Bachelor of Technology in Electronics Engineering*

August 2022 – Present

CPI: 8.21

Kendriya Vidyalaya Kankarbagh, Patna, Bihar— *Intermediate (CBSE)*

April 2020 – February 2022

Percentage: 90.0%

Kendriya Vidyalaya Kankarbagh, Patna, Bihar— *Matric (CBSE)*

February 2020

Percentage: 94.4%

PROJECTS

DAC Circuit Design — Ongoing

Designing a Digital-to-Analog Converter (DAC) circuit as part of an ongoing academic project. This project involves creating a DAC that converts digital binary signals into precise analog voltage levels, critical for interfacing digital systems with analog devices. Focuses on optimization of resolution, speed, and power efficiency, using CADENCE for simulations and designs.

SKILLS

Programming Languages

C, C++, Python, MATLAB, Verilog HDL

Software & Tools

MATLAB, AutoCAD, Cadence

Electronics Skills

Digital Circuit Design, Analog Circuit Design, Embedded Systems, Signal Processing

VOLUNTEER EXPERIENCE

Teaching Volunteer

Gyanarpan Project, Amethi

Provided tutoring to underprivileged students, helping them develop a strong foundation in mathematics and science.