

Aditya Dubey

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Education

Indian Institute of Technology, Bhubaneswar
B.Tech Electronics and Communication Engineering

GPA: 7.75

Nov. 2022 - present

Aditya Dubey

Senior School Certificate Examination, CBSE

Percentage: 93%

April 2020 - March 2022

Projects

Project-1

Digital Electronics

- Based on Microprocessors and microcontrollers.

Course Projects

Digital Clock using verilog

FPGA Programming

- Implemented a digital clock using Verilog and Vivado on FPGA hardware.
- Features include standard clock display, stopwatch, alarm function, and timer on a 7-segment display.
- Achieved a comprehensive timekeeping solution integrating hardware and software components.

Wireless communication between two Bluetooth modules

Arduino based project

- Created a two-way text communication system using Bluetooth modules and Arduino UNO microcontrollers.
- Enabled real-time chatting between two devices, leveraging Bluetooth technology for wireless connectivity.
- Developed a user-friendly interface on the Arduino platform for seamless communication over short distances.

Phonebook and Calculator Program

C language based project

- Developed a calculator program in C performing basic arithmetic operations with a user-friendly menu-driven interface.
- Implemented functionality to save phone numbers with additional details such as names and addresses using file handling.
- Integrated the calculator and phone number storage functionalities into a single cohesive program for efficient navigation.

Key Skills

Programming Languages : C, C++

Database : SQL, Power BI

Other : Verilog, Matlab, AutoCAD, Vivado, Photoshop

Position of Responsibility

Society of Finance, Economics and Business, IIT Bhubaneswar

January 2023 - Present

Head of the Technical team

- Technical Team Member (Jan 2023 - Aug 2023), promoted to Technical Head (Aug 2023 - Present)

Extra-Curricular Activities

General Championship, IIT Bhubaneswar

- 2nd Place, Case Interview Competition (Business Domain)
- 2nd Place, Drama Competition
- 1st Place, Kho-Kho

Society of Finance, Economics and Business

- Part of the business and technical team of the society.