

# GOURAV VERMA

+91-6260431377

<https://www.linkedin.com/in/gourav-verma-778036270/>

[22ec3018@rgipt.ac.in](mailto:22ec3018@rgipt.ac.in)

## Education

- **Rajiv Gandhi Institute of Petroleum Technology, Jais, Uttar Pradesh** 7.54\* CGPA (till 4<sup>rd</sup> semester)  
(Institution of National Importance) Bachelor of Technology - Electronics Engineering 2022- 2026
- **Swami Vivekananda Hr Sec School Raipur (C.G)** Percentage: 84.2  
Class 12th (CBSE Board) 2022
- **Holy Cross Sr Sec School Kapa Raipur (C.G)** Percentage: 86.2  
Class 10th (CBSE Board) 2020

## Skills

- **Programming Languages:** Python, C, Matlab, Autocad
- **Libraries:** Kotlin
- **Platforms:** Windows, Arduino, Linux
- **Others:** Android Studio, UI, UX
- **Soft Skills:** Leadership, Event Management, Communication skills
- **Coursework:** Deep Learning, HDL programming, FPGA, Analog circuits and Systems Lab, Cadence Design Tool Basics, Embedded System, Digital electronics
- **Certified Courses:** RISC-V Processor - RV32I Base ISA

## Projects

- **2x2 MIMO System Implementation on FPGA for Real-Time Wireless Communication :** Ongoing
  - Supervisor: Dr. Shivanshu Shrivastava, Assistant Prof. RGIPT
  - Designing and implementing a 2x2 MIMO (Multiple Input Multiple Output) system on an FPGA board.
  - Engineered an integrated approach for handling real-time wireless signals on FPGA platforms, improving user experience through enhanced signal clarity and reduced interference.
- **Implementation of RISC V and verification using UVM :** Ongoing
  - System Verilog , Computer Architecture, Xilinx VIVADO
  - "To ensure accuracy, conducted verification using Universal Verification Methodology (UVM)."
- **Android Application Development: :** Jan 2024 - March 2024
  - Self ; HDFC Bank Login Interface
  - Android Studio, Java Programming, UI, UX, Kotlin.

## Achievements

- NIELIT Calicut - Remote Training - "Embedded for Beginners"
- NIELIT Calicut - Remote Training - "VLSI for Beginners"
- Qualified IOQM (Pre-RMO; RMO) 2021
- Achieved Silver medal in International Mathematics Olympiad

## Position of Responsibility

- **Vice Chairperson - IEEE RGIPT:** Sep 2024 - Present
  - Managing overall functionality of the Student Branch.
- **Head, Audit and Reporting - IEEE RGIPT:** Jan 2023 - August 2024
  - Responsible for managing information, handling Vtools, website management and event reporting.
- **Kaltarang (Cultural Fest) - Executive:** April 2024
  - PR and Outreach Team; Logistics Team
  - Handled vendor negotiations while keeping material expenditures on track with the budget.