Shreshth Katiyar

in linkedin.com/in/shreshthkatiyar ✉ 22ec3046@rgipt.ac.in

Education

- **Rajiv Gandhi Institute of Petroleum Technology, Jais, Uttar Pradesh** — CPI - 7.01 (4th Sem)
  Bachelor of Technology - Electronics Engineering — 2022- 2026

- **Guru Nanak Public Senior Secondary School, Kanpur, UP** — Percentage: 94.33
  Class 12th (CBSE Board) — 2021

- **Guru Nanak Public Senior Secondary School, Kanpur, UP** — Percentage: 91.20
  Class 10th (CBSE Board) — 2019

Track

- **IoT**: Hardware and TinyML Integration

Skills

- **Programming Languages**: Python, C, C++, MySQL
- **Simulation Tools**: MATLAB, AutoCAD, Arduino IDE, NGSpice
- **Hardware Boards**: Arduino, ESP8266 Wi-Fi Module and Sensors
- **Others**: Visual Code Studio, Arduino Cloud
- **Soft Skills**: Leadership, Public Speaking, Event Management, Languages (English and Hindi - read, write and speaking)

Projects

- **Real Time Environment Monitoring Mobile System with Tiny ML Integration**: — Sept 2024 - Ongoing

  - B.Tech Project
  - Supervisor : Dr. Ankur Pandey, Assistant Professor, RGIPT
  - Engineering a Wifi Controlled smart vehicle utilizing Arduino with integration of sensors. The vehicle continuously monitors the environment, uploading real-time data to a cloud server followed by ML Integration to utilize the extracted data. This project demonstrates proficiency in IoT, wireless communication, Cloud and ML Integration.

Position of Responsibility

- **Publicity Head at IEEE RGIPT Student Branch**: — Nov 2023 - Present

  - Successfully led outreach initiatives that resulted in over 100 new student memberships in IEEE RGIPT Student Branch, enhancing engagement and community growth within the organization.

- **Event Management Executive, Urjotsav Techfest 2023, RGIPT**: — Nov 2023

  - Coordinated logistics and execution for a successful tech festival, attracting over 5,000 attendees and ensuring a seamless experience for participants and guests.

Achievements

- **Qualified JEE Mains 2022 and JEE Advanced 2022 (AIR 17021)**:
- **PRMO 2020 (Pre Regional Mathematics Olympiad) Qualified**: