

# VAIBHAV THAKUR

Student

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JABALPUR

## EDUCATION

- B.Tech in Mechatronics Engineering | (2021-25)  
Jabalpur Engineering College, Jabalpur | CGPA: 7.2 | (Ongoing)
- 12th Grade  
Sunflower Higher Secondary School, Sausar | 82.2% | PCM Stream | (2021)
- 10th Grade  
Om Sai Centre Public School, Sausar | 83.8% | (2019)

## INTERNSHIP AND PROJECTS

### Internship

- **Nuclear Power Corporation of India Limited (NPCIL)** | 2nd Year
  - Gained exposure to real-world operations and system management.
- **Defence Research & Development Organization (DRDO)** | 3rd Year
  - Project: IoT-Based Gas Leakage Detector
    - Designed and developed a smart sensor-driven system to monitor and report gas leakages.

### Minor Project

- Firefighting Robot
  - Built a robot capable of detecting and extinguishing small fires autonomously.

## SKILLS

### Technical Skills

- Programming Languages - Python
- Database Management - MySQL
- Data Analytics Tools - Excel, Power BI
- Key Subjects - Artificial Intelligence, Machine Learning, Deep Learning, Probability & Statistics

### Soft Skills

- Analytical Thinking
- Problem Solving
- Team Collaboration
- Strong Communication

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **Co-Head**, Management Team for TEDx Event at Jabalpur Engineering College  
-Coordinated event logistics and ensured smooth operations.
- **Co-Head**, Operational Team of JLUG (Jabalpur Linux User Group)  
-Organized workshops and contributed to building a tech-savvy community

## LANGUAGE

- English
- Hindi

## HOBBIES & INTREST

- Badminton
- Singing
- Drawing
- Travelling