

# SANDHYA KUMARI

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## ACADEMIC DETAILS

<b>B.Tech.</b> (Information Technology)	2023-2027	MMMUT, Gorakhpur	8.15/10.0
<b>Class XII</b> (CBSE)	2022	Jawahar Navodaya Vidyalaya, Lakhimpur Kheri	89.8%
<b>Class X</b> (CBSE)	2020	Jawahar Navodaya Vidyalaya, Lakhimpur Kheri	92.0%

## SKILLS

### TECHNICAL SKILLS:

- **Languages:** Python, C, C++
- **Web Development:** HTML, CSS, JavaScript
- Knowledge of **cyber security fundamentals**
- **Machine Learning and AI fundamentals**
- **Tools & Technologies:** Git, GitHub, VS Code, Siemens' industry-standard CAD software (SOLID EDGE)
- **Core Competencies:** Data Structures & Algorithms, DBMS, SQL

### SOFT SKILLS:

- Attention to detail, Adaptability, Event Management, Team work, Effective Communication

## INTERNSHIP/EXPERIENCE

- **Trainee at Siemens, Maharashtra, India:** Accomplished Siemens-certified training in Electrical & Mechanical Engineering featuring hands-on practice in industrial systems such as lath machine, milling machine, drilling, welding, and also **COBOT** (collaborative robot) in NAVI MUMBAI. Completed Mechatronics training focused on automation techniques in which we gained hands-on experience with mechatronics machinery in NASHIK.
- **Intern at CDAC Noida (07/2024 - 09/2024):** Concluded 45-day self-paced ethical hacking and penetration testing course incorporating virtual labs, certification assessments, and hands-on cybersecurity practice.
- **Fellow of SSF Program (06/2021-06/2022):** Honored with Swachh Saarthi Fellowship 2021 by Govt. Of India for significant contributions to community waste management and sustainability initiatives under Waste to Wealth Mission.

## PROJECTS

### Digital Clock:

- An elegant web-based digital clock built with HTML, CSS, and JavaScript which is a glowing neon-style design and updates the time dynamically every second. This project demonstrates real time DOM manipulation.

### Digital Calculator:

- A fully functional digital calculator web application built with HTML, CSS, and JavaScript, which handles real-time input and output through interactive buttons, dynamically updating the display as users enter numbers and operators.

### Student\_score\_prediction\_regression:

- Predicts student marks based on hours studied. Uses Simple Linear Regression.
- Tools: Python, Pandas, Matplotlib, Scikit-learn.

## ACHIEVEMENTS

- Contributor, GirlScript Summer of Code 2025 (GSSoC'25)
- Cyber Gyan Virtual Intern, CDAC Noida
- Solid Edge Associate Certified
- Siemens Scholar (SSP Program, Batch 11)
- Swachh Saarthi Fellowship (2021)

## POSITION OF RESPONSIBILITY

- Executive member of CSSE Society (Computer society of software engineers)
- Fine Arts Club member- Assisted in planning and hosting annual cultural events
- Institute Representative of **Tooryanaad, MANIT Bhopal**- Acted as college liaison for inter-college fest coordination

## EXTRACURRICULAR

- Participated in **RIPE Centre Training**, Siemens – Enhanced communication and interpersonal skills.
- Coordinated event management activities during **Technokratos**, a one-day informal tech-cultural fest of department in college.
- Collaborated as a Fine Arts Club member in organizing **Abhyudaya**, the annual grand college fest – Involved in design planning, decoration, and visual setup.
- Participated in **Bhartiya Antariksh Hackathon 2025** organized by **ISRO & I-STEM**; worked on space-tech innovation challenge with a team of 4 members.