

Contact: [vaishnaviagr24@gmail.com](mailto:vaishnaviagr24@gmail.com)

## VAISHNAVI AGRAWAL

### EDUCATION

B.TECH (EE)	Shri Ramdeobaba College of Engineering and Management, Nagpur	8.5 cgpa
Class XII	People's College of Science, Arts and Commerce, Yavatmal	74.9%
Class X	S.P.M English Medium School, Ghatanji, Dist. Yavatmal	94.8 %

### OBJECTIVE

Curious and driven Electrical Engineering student eager to explore innovative solutions in energy systems and automation. Looking to apply my academic learning, project experience, and passion for technology to real-world challenges while growing with an organization that values sustainability and smart engineering.

### Technical SKILLS

<b>Interest Areas:</b> PLC SCADA, Electrical Vehicles, Data Analytics, AWS	<b>Tools/ Software:</b> MATLAB, Siemens S7- 1200, MS Office(Excel, Word)	<b>Languages:</b> C, Python, Java
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### WORK EXPERIENCE

#### Intern, MAHAGENCO (CSTPS)

Jun 2024- July 2024

Learned power plant operations, including boilers, turbines, and grid integration.  
Gained exposure to safety protocols and maintenance procedures.

### PROJECTS

#### Smart EV Charging System

Developed an automated EV charging system using RFID authentication, IR sensors, and wireless charging. Implemented access control with a servo motor and ensured safe operation via a relay module.

#### RLC Circuit Simulation Software

Developed a Python-based simulation tool to analyze current changes in an RLC circuit using numerical methods. Implemented a GUI with Tkinter for user input and Matplotlib for real-time visualization of circuit behavior.

### POSITIONS OF RESPONSIBILITY

#### CDPC Coordinator

Feb 2025 - Present

Worked with the Career Development and Placement Cell to facilitate placement-related activities, coordinated between students and recruiters, and ensured smooth execution of campus recruitment drives.

#### Literary Coordinator, IEEE Student Joint Chapter of PES and IES

Oct 2024 – Present

Contributed to organizing technical events and workshops under IEEE PES & IES Student Chapter.  
Assisted in promoting IEEE initiatives and engaging students in professional development activities.

**Social Media Manager, GDSC RCOEM****Sept 2023 – Sep 2024**

Managed social media campaigns and wrote content to promote GDSC RCOEM events.  
Created engaging posts and visuals to enhance outreach and student participation.

**Volunteer, GDSC India****Feb 2023 – May 2023**

Volunteered for GDSC India, contributing to content creation, sponsorship, and event management.  
Played a key role in organizing GDSC WoW Nagpur, ensuring smooth execution across multiple domains.