

Vaishali Gaur

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Academic Credentials:

Examination	Year	Percentage	Institution	Board/University
B.E. (Electrical Engineering)	2025	78% (Upton 6 th Sem)	Madhav Institute of Technology & Science, Gwalior, M.P.	RGPV University Bhopal
Class XII	2021	94.4%	Ebenezer Higher Secondary School, Gwalior, M.P.	CBSE
Class X	2019	86.4%	St. Paul's School, Gwalior, M.P.	CBSE

Skills:

- **Devices:** Arduino UNO, Raspberry Pi
- **Core Subjects :** Machines, Power Electronics (basic), Instrumentation
- **Simulation Tools:** MATLAB, Simulink
- **Languages:** C++ (Basic), Python, Java (Basic), JavaScript, HTML, CSS
- **Coursework and Developer Tools :** Reactjs, MySQL, DBMS, Computer Networks, OS, OOPs
- **Design tools:** Figma, Canva
- **Soft Skills:** Leadership, Teamwork, Communication, Adaptability, Time Management

Projects & Trainings:

- **Training:** Went under one-week training Program in “**O & M of Transmission and Distribution**” including Valuable insights into SCADA systems at the prestigious NPTI, Shivpuri.
- **Summer internship:** Worked in **RRSL, Ahmedabad** as a **one-month intern**
- **Summer Internship 1:** “**Solar Photovoltaic (PV) DESIGN & Analysis**” at MITS Gwalior (June’2022-July’2022)
- **Summer Internship 2:** “**Soft Skills**” at MITS Gwalior (June’2023- July’2023)
- **Minor Project:** Depression Detection Using Python (Pixel Health)
- **Minor Project:** Wireless EV charging Station Using Solar Energy
- Automatic anchor light
- DC Motor Control Using Simulink
- Google clone
- Amazon clone
- Bot with the help of **Arduino nano** and **uno**
- Portfolio Website using **HTML** and **CSS**
- **Research Works:**
 1. Accelerating Forest Management Decision Making with AI: Automatic Detection of Unhealthy Trees using RGB Imagery from Drones
 2. Predictive Fault Detection and Localization in Electrical Distribution Networks Using Machine Learning Algorithms

Rewards & Recognitions:

- Awarded ‘B’ Level certificate in National Cadets Corps (NCC) in the year 2023-24.

- Awarded certificate for **EV- Vehicle Dynamics and Electric Motor Drives** with **56%**.
- Awarded certificate for **Sensor Technologies: Physics, Fabrication, and Circuits** with **67%**.
- Awarded certificate for **Dc Microgrid and Control System** with **73%**.

Co-Curricular:

- Currently working as a Holistic Health Club 's (**HHC**) **Graphic Designer** and **Social Media Manager**.
- **Content writer** of **MDLRC CLUB** of **Mits Gwalior Magazine**.
- Organized various events such as **Indian Armed Forces Workshop, Cleanliness Drive, Mystery of silence, Yogalicious and orientation programme**, under **Holistic Health Club**.
- Organized **CHIMERAX** in **MITS College** with the collaboration of **M.A.N.I.T Bhopal**.
- Organized **AJANTYA** with **startup cell** of **MITS college, Gwalior**.
- Organized **International Yoga Day** in **RRSL, Ahmedabad**
- Participated in “**Accreditation Awareness Workshop**” Conducted by **IQAS**.
- Participated in **National Workshop on “Time, Time Measurement and Challenges”** organized by **Legal Metrology**.
- Participated in **National Workshop on “Use of AI in Legal Metrology”** organized by **Legal Metrology**.
- Participated in **National Workshop on “Moisture Meters for Cereal Grains and Oil seeds”** organized by **Legal Metrology**.
- Participated in **National Workshop on “Metrology and Sustainable Waste Management”** organized by **Legal Metrology**.
- Participated in **National Workshop on “Role of Ultrasound in Medical Domain”** organized by **Legal Metrology**.

Interests & Hobbies:

- Graphic Designing
- Teaching
- Dancing
- Art and Craft.