



YASH MHATRE

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ELECTRICAL ENGINEERING

Veermata Jijabai Technological Institute, Mumbai [Yash Mhatre](#) Education

.Veermata Jijabai Technological Institute (VJTI)

Bachelor of Technology in Electrical Engineering

AUG.2025-CURRENT

.Veermata Jijabai Technological Institute (VJTI)

Diploma in Electrical Engineering

CGPA: 8.61

June 2021-May 2024

Percentage:96.89

.M.G.V HIGHSCHOOL

May 2020

SSC,Board

Percentage: 91.80

Experience

. Brihanmumbai Electricity Supply and Transport Undertaking

(JUNE23-JULY23)

Industrial Trainee

Mumbai

- *learn about maintenance of underground transmission lines, & fault detection.*

- *Gained knowledge of preventive maintenance and power distribution systems.*

.The Tata Power Company Limited

(JUNE25-JULY25)

INTERNSHIP

Mumbai

- Gained training of the cable department and different types of HT/EHV cables

- Learned cable maintenance practices, fault locating, and jointing techniques.

Personal Projects

. Hybrid Power Plant Analysis

- Analysed a village site for a solar-wind hybrid power plant.

- Evaluated load requirements using electricity bills.

- Calculated solar panel and wind turbine needs.

- Tools & technologies used: MULTISIM

.IOT Based Electrical Machine Protection System

- This project is designed to continuously monitor the health of a three-phase induction motor using current, voltage, and temperature sensors connected to an ESP32 development board.

- Tools & technologies used: Arduino IDE,

Technical Skills

- Languages: Basic C, Python, Basic MATLAB,Python(Libraries)

- Software Tools: Multisim ,MATLAB ,Arduino IDE

Positions of Responsibility

.*Head Of Operation*

(Electrical
Engineering Student
Association)

Achievements

VJTI - ALCHEMY 2025 Project competition

March-2025

first price.