



YASH MHATRE

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ELECTRICAL ENGINEERING

Veermata Jijabai Technological Institute, Mumbai i [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
first price.

March-2025