

# TUSHAR WANSINGE

VJTI, Mumbai, Maharashtra

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## Education

<b>VJTI</b> <i>Bachelor of Technology in Electrical Engineering. (CGPA - 8.18)</i>	<b>Dec 2021 – current</b> <i>Mumbai</i>
<b>Hislop Junior College Nagpur</b> <i>Maharashtra State Board,Pune (HSC Percentage - 93, MHT-CET Percentile - 96.389)</i>	<b>2019 – 2021</b> <i>Nagpur, Maharashtra</i>
<b>Chanda Public School,Chandrapur</b> <i>Central Board of Secondary Education (SSC Percentage - 89.8)</i>	<b>2019</b> <i>Chandrapur, Maharashtra</i>

## Relevant Coursework

- Electrical Machines
- Power Systems
- Power Electronics
- Electrical Networks
- Analog and Digital Circuits
- Project Management

## Personal Projects

### Power BI Dashboards

- Built an interactive **Logistics dashboard** which shows various insights of parameters related to Key Performance Indicators.
- Performed **data cleaning in Excel** on given data and turned into an **interactive dashboard in Power BI**.

### Electrical Vehicle design using MATLAB Software

- **Simulated** a design of **Electric Vehicle** on MATLAB Software to detect various electrical parameters.
- Helped to detect the State of Charge,distance travelled,regenerative braking,speeds reached.

## Work Experience

### Chandrapur Super Thermal Power Station

- **Developed** the understanding of key electrical components such as transformers, circuit breakers, and switchgear.
- Worked in **Electrical Testing department** for 7 days which aims to check the electrical faults.
- Gained experience with high-voltage transmission lines, substations, and distribution networks.
- Learned how to distribute power effectively and balance demands and methods to improve energy use and system reliability.

## Technical Skills

**Languages:** SQL,Python(Basic), HTML

**Developer tools:**VS Code,Excel,Power BI, MySQL Workbench

**Software Tools:**Matlab, Simulink, Autocad

## Extracurricular/Achievements

<b>Rangawardhan (VJTI,Mumbai)</b> <i>Execution Deputy Head</i> <ul style="list-style-type: none"><li>* The Marathi Cultural Committee-Successfully managed the cultural event with the team and contributed towards the betterment and timely execution of the event.</li></ul>	<b>2023–2024</b> <i>VJTI</i>
<b>Enthusia (VJTI,Mumbai)</b> <i>Event Coordinator</i> <ul style="list-style-type: none"><li>* The Sports Committee- Successfully organised and managed event with the team and coordinated tasks and responsibility.Also ensured efficient and timely execution of the event.</li></ul>	<b>2022 –2023</b> <i>VJTI</i>

**Division Level Kho-Kho Player and leader of the team at various tournaments.**