



## AKSHAY SHAMBHARKAR

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(LinkedIn Profile:

<https://www.linkedin.com/in/akshay-shambharkar/> )

### Academic Chronicle:

✓ **M.TECH (Power Electronics & Power Systems)** from

Dr. Babasaheb Ambedkar Technological university Lonere Maharashtra, with a CGPA of 9.43/10 (2022)

✓ **B.TECH(Electrical Engineering)**

from Dr. Babasaheb Ambedkar Technological university Lonere Maharashtra, with a CGPA of 6.44/10 (2015).

### Achievements:

✓ **GATE 2020** in Electrical Engineering qualified with 72.72%.

✓ **Junior Engineer** examination qualified in Maharashtra Metro Rail Corporation Limited.

### Trainings & Site Visits:

✓ AutoCAD for Electrical Drawing at SkillDzire Institute, Hyderabad.

✓ DIALux Software

✓ SketchUp & PV Syst Software

✓ ±500 kV HVDC Receiving Power Station, Padghe, Mumbai.

✓ TVAS-Power System at Tata power skill development Program.

✓ PLC & SCADA at IGTR, Aurangabad.

## CURRICULUM VITAE

### Career Objective:

As an Electrical Engineer, I have a clear understanding of roles and responsibilities associated with an Electrical engineering and having a keen desire to excel in this profession. I wish to be a part of an organization where I can get an opportunity to learn and grow in a mutually rewarding relationship.

### Total Work Experience:

Work Experience: 3 Years 11 Months

### Organization : TORRENT POWER LIMITED, BHIWANDI, THANE MH.

✓ Duration: From 20/06/2022 to present now.


✓ Designation: Executive Electrical Engineer

### Company Profile: Power Distribution Franchisee of MSEDCL

- Torrent Power is one of the most efficient utility company in the country. Torrent power was the first company in India to be awarded Distribution Franchisee and its Bhiwandi Franchisee Model is a role model for distribution reform in the country.

### Core Skills:

- ✓ Site surveys to released new electric meter connection for different tariff category of consumer like residential, commercial, water department, agriculture, power looms, industries, streets lights, government hospitals and schools and EV charging station etc.
- ✓ Making the survey report, hand drawing of consumer premises load location and google map drawing by using AutoCAD Software.
- ✓ Site surveys for LT line (Distributor), HT line (Feeder), DTC structure etc. if existing network is not found at consumer premises.
- ✓ Preparation of SLD of distribution network as per the IS/IEC/IEEE Standard by using AutoCAD software.
- ✓ Selection of Electrical component for Low Voltage Electrical System & Medium voltage Electrical System as per Customer and code Requirements considering civil requirements. Design of LT/HT Distribution Line, DTC Structure including cable sizing, MCB sizing, SFU sizing, syntax box, cut out sizing, CT Box & CT Bank sizing, MSP sizing, BBC sizing, FSP sizing, Pole selection, joints sizing, Sag Tension calculation and preparation of Pole spotting Layout.
- ✓ Producing design deliverable and detailed calculation for the selection of Transformer, LT/HT Capacitor, LT/HT Power cable & Control cable, conductor, battery & battery charger sizing, electrical installation drawings, cable laying.
- ✓ Design of Earthing, Lightning protection design etc. as per IEC/IEEE standard.
- ✓ Preparation of Electrical layout as per the Electrical Safety norms pertaining to IS/IEC codes.
- ✓ Preparation of technical specification, bill of materials & datasheet for LT/HT Line & for DTC Structure.
- ✓ Allocate the work of all kind of meter installation, pole erection, MSP erection, underground & overhead cable laying, SFU & BBC installation etc. to the authorized

<p><b><u>Computer Literacy:</u></b></p> <ul style="list-style-type: none"> <li>✓ Productivity Tools: MS-Office, MS-Word, MS Excel, MS-PP, SAP Software</li> </ul>	<p>electrical contractors and making billing of executed work by using SAP system.</p> <ul style="list-style-type: none"> <li>✓ Contributes to team efforts by accomplish related results as needed at workplace.</li> <li>✓ Labour managements and Documentation work of company.</li> </ul>
<p><b><u>General Abilities:</u></b></p> <ul style="list-style-type: none"> <li>✓ Ability to work independently &amp; as a team.</li> <li>✓ Good problem-solving skills &amp; ability to learn new things quickly.</li> <li>✓ Decision making, organizing &amp; planning.</li> </ul>	<p><b>Organization/s. G W ENTERPRISES AND CONSTRUCTION WARDHA MH</b></p> <ul style="list-style-type: none"> <li>✓ Duration: From 01/04/2020 to 30/06/2021.</li> <li>✓ Designation: Govt. Licensed Electrical Supervisor (License No. 436110008515092021)</li> </ul> <p><b>Company Profile: Govt. Electrical Contractor</b></p> <ul style="list-style-type: none"> <li>• G W ENTERPRISES AND CONSTRUCTIONS involves in erection &amp; maintenance work of LT line (Distributor), HT line (Feeder), DTC structure, Layout Electrification work under a work order of MSEDCL &amp; PWD Maharashtra etc.</li> </ul>
<p><b><u>PROJECT — M.Tech.:</u></b></p> <ul style="list-style-type: none"> <li>✓ Design &amp; Analysis of Smart Battery Management System for Electric Vehicles</li> </ul> <p><b><u>PROJECT — B.Tech.:</u></b></p> <ul style="list-style-type: none"> <li>✓ Study of EHVAC Transmission System</li> </ul>	<p><b>Organization: M/s. V.I.P ELECTROTECH &amp; COMPANY, ARVI MH.</b></p> <ul style="list-style-type: none"> <li>✓ Duration: From 15/02/2018 to 20/03/2020.</li> <li>✓ Designation: Electrical Site Engineer</li> </ul> <p><b>Company Profile: Govt. Electrical Contractor</b></p> <ul style="list-style-type: none"> <li>• Erection &amp; maintenance work of LT line (Distributor), HT line (Feeder), DTC structure, Layout Electrification works etc. under a work order of MSEDCL &amp; PWD Maharashtra.</li> </ul>
<p><b><u>Personal profile:</u></b></p> <ul style="list-style-type: none"> <li>✓ Date of Birth: 17-03-1994.</li> <li>✓ Age: 28 Years</li> <li>✓ Gender: Male</li> <li>✓ Nationality: Indian</li> <li>✓ Marital Status: Unmarried</li> <li>✓ Linguistics: English, Hindi, Marathi.</li> </ul> <p><b><u>Permanent Address:</u></b></p> <p>Hindustan Colony, Wardha Road, Near Sihota Petrolpump, Pulgaon, Dist. Wardha. Maharashtra. Pin- 442303.</p>	<p><b>Declaration:</b></p> <p>I, hereby solemnly ensure that all the information furnished above is true to the best of my knowledge.</p> <div style="text-align: right;">   <b>AKSHAY SHAMBHARKAR</b> </div>