


MANISH DHANDE

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OBJECTIVE

To enhance overall performance and achieve organizational goals by applying technical skills. Eager to contribute innovative ideas, skills, and creativity to successfully complete projects.

EDUCATION

- Pursuing B.Tech in Electrical Engineering
Sardar Patel College of Engineering, Mumbai CPI: 8.52 | (2022-2025)
- Diploma in Electrical Engineering | Government Polytechnic, Nashik 95% | (2019-2022)
- 10th (SSC) | Janata Vidyalaya Pavan nagar, Nashik 87.80% | (Mar 2019)

EXPERIENCE

- **Internship at WRLDC, Grid India, Mumbai** (July 8 – Aug 8, 2024)
 - Engaged in monitoring and analyzing the national electricity grid to enhance its stability and efficiency.
 - Acquired in-depth knowledge of key systems used in grid management, including SCADA, WAMS, and REMC. Utilized these technologies to optimize grid operations and improve response times to anomalies.
- **Internship at TIFR, Mumbai** (Jan 30 – Feb 17, 2024)
 - Gained hands-on experience with power transformers, encompassing their operation, component testing, and the implementation of essential protection schemes.
 - Enhanced understanding of switchgear through in-depth analysis of various circuit breakers and their annual maintenance procedures.
 - Explored the functionality, construction, testing, and maintenance of diverse protective relays, resulting in improved system reliability and reduced failure rates.

PROJECTS

- **Solar Power Forecasting Model Development**
Developing a solar power forecasting model to improve accuracy and optimize renewable energy integration into the national grid.
- **Fault Detection System for Transmission Lines**
Built fault detection system utilizing a double-channel relay to accurately identify and isolate line-to-line and line-to-ground faults in transmission lines.

EXTRACURRICULAR ACTIVITIES

- **Training and Placement Co-ordinator (TPC) 2024-2025, SPCE** (May 2024-Present)
- **Robo Sumo Event Head, SPCE** (Jan 2024-Mar 2024)
Led and managed the Robo Sumo competition at SPHINX, the college's premier annual techno-cultural festival, ensuring its successful execution and impact
- **Robocon Club Member** (Nov 2022-Nov 2023)
Actively contribute to robot design and construction in the Robocon Club.
Competed in the National Level ABU Robocon competition as an integral part of the team.
- **Sports Involvement:** Actively participated in diverse sports competitions, significantly strengthening skills in teamwork, time management, and strategic thinking.

AREA OF INTERESTS

- Electrical Machines
- Switchgears
- Power Electronics

TECHNICAL SKILLS

- MATLAB
- Proteus
- Canva
- MS Word
- MS PowerPoint
- MS Excel

PERSONAL DETAILS

- **Languages:** English, Hindi, Marathi

HOBBIES

- Cricket Enthusiast
- Passionate Sculptor