Shweta Milind Adhave

Mob: +91-7972457920, Email: shweta.m.adhave11@gmail.com

Summary:

Qualified Electrical Engineer with specialized expertise in Electrical Power System Engineering. Proven ability to leverage superior communication skills to foster meaningful and trusting relationships, consistently surpassing client expectations. Currently seeking a graduate electrical engineering position to apply and further develop technical skills in a dynamic and innovative environment.

Work Experience:

Government College of Engineering Aurangabad.

Visiting Faculty

- Main Taught Modules: Electrical Measurement and Instrumentation, Basics of Electrical Engineering, lab of instrumentation and Basic Electrical science.

Education:

Dr Babasaheb Ambedkar Technological University **2023**
M-Tech: Electrical Power System

- Main Courses: Power System Dynamics and Control, Advance Power System Protection, Smart Grid Design and Analysis, Modelling and Simulation of Power Electronics System, Energy Management and Auditing, Power Quality Assessment and Mitigation, Renewable Energy System, High Voltage Power Transmission
- Dissertation on optimizing Dynamic Voltage Restoration: A Hybrid Approach with SMES and Battery storage.

Dr Babasaheb Ambedkar Marathwada University **2018**
Bachelor of Engineering: **Electrical Electronics & Power Engineering**

- Main Course: Power System Analysis, Industrial Automation, Control System Eng., Energy Conservation & Audit, Power System Protection, High Voltage Eng., Power System Operation and Control, Renewable Energy, Electrical Drives, AC/DC Transmission Systems, Electrical Power Generation.
- Dissertation on Automatic Solar Pannel Cleaner.

Maharashtra State Board of Technical Education **2015**
Diploma in Electrical Engineering

- Main Course: Elements of Industrial Automation, Switchgear and Protection, Testing and Maintenace of electrical equipment, Industrial Electrical System, Power Electronics, Illumination Engineering, Modern Electric Traction, Microcontroller and Application
- Dissertation in Public Garden Automation

SOFTWARE ACKNOWLEDGEMENT:

- MATLAB, GAMS, PLC, SCADA, Pneumatics Electrical CAD/ Auto CAD.
- Resent Advances in Transmission Insulators.
- Microsoft - Excel, Word & Power Point
- Generative AI Tools

SKILLS:

- Electrical maintenance and repair
- Bank reconciliations and balancing.
- Payroll processing, Accounting, and bookkeeping
- Leadership, Public Speaking, Team Working, Problem Solving.

PRESENTATION, PUBLICATION AND CERTIFICATION:

- **Presentations**
  - "Optimizing Dynamic Voltage Restoration: A Hybrid Approach with SMES Emulator and Battery Storage" – Oral presentation at IEEE International Conference on Advances in Electronics, Computers, and Communications, REVA University, Bangalore (Sept 2023)

- **Publications**

  1. "Optimizing Dynamic Voltage Restoration: A Hybrid Approach with SMES Emulator and Battery Storage" – IEEE ICAECC, REVA University (June 2024) | DOI: https://doi.org/10.1109/ICAECC59324.2023.10560247

2. "Review on Dynamic Voltage Restorer for Superconducting Magnetic Energy Storage" – *International Journal of Research Publication and Reviews* (Aug 2023)

- **Certification:** Generative AI Tools, Integrated Course in PLC SCADA and Pneumatics, basics of Arduino,

Extracurricular Activities & Achievements

- Trained Bharatanatyam dancer (completed Arangetram)
- Performed at prestigious stages including the “Ellora Festival”
- Represented India in international cultural events
- Gold Medal – National Dance Competition, Goa
- Gold Medal – Cultural Olympiad, Bangkok
- Bronze Medal – Cultural Olympiad, Dubai

REFERENCES:

- As per requested,