

Miss. MAYURI B. GAWANDE.

B. E. ELECTRICAL, M.E. POWER SYSTEM

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Career Objective

Seeking a responsible post to work in a challenging environment demanding all my skills & efforts to explore and adapt myself in Educational industry, and realize my potential, contribute to the development of organization.

SUMMARY

- Familiar with approach to identifying and eliminating waste through continuous improvement.
- Self-motivated, quick learner, Team player and Good Communication skill.
- Knowledge of Switchgear and Protection, PLC & SCADA, HMI, Drives.

Academic Qualification

➤ **M. E In Electrical Power System (2016-17)**

Percentage : - 8.060 CGP

Class : - First Class with Distinction

Institute : - Zeal College of Engineering & Research, Pune.

University : - Savitribai Phule Pune University.

➤ **B E in Electrical Engineering (2011-12)**

Percentage : - 76.53% , First Class with Distinction

Institute : - Zeal College of Engineering & Research, Pune.

University : - Savitribai Phule Pune University.

➤ **HSC. (2007-08)**

Percentage : - 62.50% First Class

Institute : - Arts Comer's science Jr College Nashik Road.

University : - Maharashtra Board

➤ **SSC. (2005-06)**

Percentage : - 67.86% Class, First Class

Institute : - J.D.C. Bytco English Medium High School, Nashik Road.

University : - Maharashtra Board

PROJECT DURING M.E

- Implementation Of Photovoltaic Power System Using Current Fed Push-Pull Front End Converter.

PROJECT DURING B.E

- Supervisory Control And Data Acquisition Of Gen-Set (Diesel) and utility system of college campus Using Microcontroller.

ACADEMIC COURSEWORK

- Successfully completed “PLC & SCADA” training.
- Done workshop on Advances in “SWITCHGEAR AND PROTECTION”

SOFTWARE SKILLS

- Auto-CAD 2013, MATLAB
- Operating System: - Windows 7, Vista, XP, Windows 98
- Programming Software: - basic knowledge of RSLgx_500, RSLinx, Intouch.
- Basic knowledge of C programming.

EXTRA CO-CURRICULAR ACTIVITIES:

- Attended “Project exhibition” conducted at College of Engineering, Pune.
- Attended ELECRAMA technical exhibition at Goregaon, Mumbai.
- Associate Member in The Institution of Engineers (India).

STRENGTH:

- Ability to Design & Analysis of elect. Circuits using MATLAB & PSIM Software’s.
- Ready to take challenge with an aspiration to complete
- Self motivated , Hard working

WORK EXPERIENCE

- Presently working In **JSPM’s Bhivarabai Sawant Institute of Technology & Research, Wagholi Pune** from April 2022 till Date as Assistant Professor.
- **Key responsibilities**
 - Handle Responsibility as a Departmental NAAC & NBA Co-ordinator.
 - Handle responsibility of Criteria 5 during NBA Committee visit.
 - In Department handle EESA portfolio since May 2022.
 - Recent act as Main GFM for second year & Final Year class.
- Worked as Sr. Engineer – Projects and Service **at Tech Port Solution** from November 2019 to March 2022.
- Worked as a Assistant Professor at **Matoshri College of Engineering and Research Center, Nashik** (NAAC Accredited) in Electrical Department From Jan-2016 to Oct-2019.
- Worked as a Lecturer in Electrical Department in **Abhinav Education Society from July-13 to Dec- 2015.**

KEY RESPONSIBILITIES HANDLED DURING LECTURERSHIP

- **Subjects Taught:** Power System II, Power System Operation and Control, Industrial Technology and Management, Utilization of Electrical Energy, High voltage Engineering, High Voltage Direct Current, Electrical Technologies, Electrical Utilization & Traction, Material Science.
- Handled responsibilities during NAAC committee at Matoshri College Of Engineering and Research Center, Nasik.
- Coordinated cultural activities.
- Worked as a Examiner and Moderator in Shivaji University during CAP (2013-14,2014-15), In SPPU university (2015-16,2016-17,2017-18,2018-19, 2021-22).
- Arranged a Workshop for B.E Electrical class regarding Design Of Three Phase Transformer.
- Arranged Visit to reputed Industries like Bhabha Atomic Research Center Mumbai, DTPS Dahanu, HVDC Substation Padghe, etc.

PUBLISHED PAPER:

- Published paper in **IEEE International conference on Power, Control, Signal & Instrumentation Engineering (ICPCSI)-2017** "Design Of Residential Photovoltaic Power System using Current-Fed Front End Converter."
- Published paper in **International Journal Of Science Technology Management & Research** "DesignOf Current-Fed Push-Pull Front End Converter For Application in Power System."
- Published paper in **2nd IEEE International conference for Innovation in Technology, Bangalore (INOCON)-3-5 May 2023** "Water Surface Solid Waste Cleaning Robot For Pond."
- Published paper in **9th IEEE International conference on Electrical Energy System (ICEES) 25-25 March 2023** "Solar Powered Indoor Air Purifier with Air Quality Monitor."
- Published paper in **International conference on E-mobility, Power Control and Smart Systems: Futuristic Technologies for Sustainable Solution, ICEMPS 2024** "Combined Model of Incineration and Dispenser for Sanitary Napkins."
- Published paper in **2024 International Conference on Knowledge Engineering & Communication System, ICKECS** "Power Factor Correction using PLC."

WORKSHOP/FDP/STTP ATTENDED:

- Completed 5 Days **AICTE Approved ATAL FDP** on "Data Science & Cyber Security".
- Completed FDP of **NPTEL- AICTE in 'Smart Grid'** in the duration of Aug to Oct 2023.
- Completed FDP of **NPTEL- AICTE in 'Soft Skill Development'** in the duration of Jan to March 2023.
- Completed FDP of **NPTEL- AICTE in 'Enhancing Soft Skill and Personality'** in the duration of Feb to April 2024.
- Attended 3 days National level workshop on "Emerging Trends In Electrical Engineering" at ZCOER, Pune.
- Attended Faculty Development Program on "Advances in Power System" at ZCOER, Pune.

- Attended 5 days National level Workshop on “ **Advances in Power Electronics & its Application in Smart Grid**” at ZCOER, Pune.
- Attended Two Weeks ISTE Short Term Training Program “ **Electrical Power System**” Organized by IIT Kharagapur.
- Attended One Week Industrial Training Of “ **HV/EHV Equipment Diagnostic, Calibration of Equipment, Transformer Oil Testing Laboratory, Field Maintenance Of Transformer, Switchgear & Protection Devices**” at Power Electronical, Nashik.

Government Grants:

- Received Grant of ₹ 3,50,000/- from AICTE ATAL as Co-coordinator of FDP on “Electrical Vehicles and Hydrogen Fuel Cell Vehicles”.

ACHIEVEMENT:

- Successfully completed **NPTTEL Online Course in Basic Electronics, Electrical Machine-I, Power System Engineering, Advances in UHV Transmission & Distribution, Soft Skill Development, Smart Grid, Enhancement in Soft-skill.**
- Organized **AICTE Approved ATAL FDP on “Electrical Vehicle & Hydrogen Fuel Cell Vehicle”** at **JSPM’s Bhivarabai Sawant Institute of Technology & Research**, Wagholi Pune in Department of **Electrical Engineering**.
- Achieve Certificate of Appreciation for 100 % result in Power System Operation & Control at MCOERC, Nashik

PERSONAL PROFILE

Date of Birth	: 23-12-1990
Sex	: Female
Nationality	: Indian
Languages Known	: English, Hindi, Marathi
Hobbies	: Making Friends, listening Music etc.
Permanent Address	: 4 th Arpan Apartment, Sadguru Nagar, behind K. J. Mehta School, Nashik Road, Nashik-422101 Maharashtra.

Declaration: I declare that the above-furnished details are true to the best of my knowledge.

Mayuri B. Gawande