

Ms. Pooja U. Shinde
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Kshitij Colony, Lane No. 2,
Sr.No. 19/1/3, Jagtap Dairy
Rahatani 411 017

Career Objective:

Aiming to establish myself in the field of education to gain and utilize my knowledge for the betterment of students and the society.

Professional Experience:

- Working as **Assistant Professor** for JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi 412 207, in Electrical Engineering Department from **13th March 2023 to till date.**
- Worked as **Assistant Professor** for JSPM's Bhivarabai Sawant Institute of Technology and Research Wagholi 412 207, in Electrical Engineering Department from **1st July 2010 to 8th June 2022.**

Job Responsibilities:

- Worked as **Subject Chairman in BOS of SPPU.**
- Worked as **External Senior Supervisor** for SPPU Examination.
- Worked as **Internal Senior Supervisor** for SPPU Examination.
- Worked as **Paper Setter** for SPPU Examination.
- Worked as **External/Internal Examiner for Project/Practical/Oral** Examination.
- Worked for Admission cell.
- Worked as Departmental Academic Coordinator.
- Worked as Departmental Library In-charge.
- Worked as Departmental Industrial Visit In-charge.
- Worked as GFM and CO-GFM.
- Worked as Seminar and Project Guide.
- Subjects Taught:

Basic Electrical Engineering
Electrical Technology
Electrical Measurement and Instrumentation
Utilization of Electrical Energy
Switchgear and Protection
Power System- I

- Worked as **Testing Engineer** for Mark Elektrijs Gultekdi Pune 411 037, from February 2010 to June 2010.

Job Responsibilities:

- Attending shop floor problems in existing product (SPM, AC and DC motor).
 - Handling design related documentation.
 - Testing of manufactured product.
 - Generating Test Certificates of tested product.
- Worked as **Degree Apprentice** for High Explosive Factory, Khadki, Pune 411 003, from August 2008 to July 2009.

- Worked as **Quality Control Assistant** for CTR manufacturing Industries Limited, Pune 411 014, from January 2008 to July 2008.

Job Responsibilities:

- Attending shop floor problems in existing product (Tapchanger).
- Testing of manufactured product.
- Handling documentation work.
- Generating test certificate of tested product.

Educational Credentials:

- **Pursuing Doctor of Philosophy in Electrical Engineering from SJJT University, Rajasthan.**
- **Master of Engineering** (Power System) in 2014 with **First Class with Distinction (CGPA 8.12) Silver Medallist** from PVG college of Engineering & Technology, Pune.
- **Bachelor of Engineering** (Electrical) in 2007 with **First Class (64.06%)** from Modern College of Engineering, Pune.
- **Diploma** (Electrical) in 2004 with **First Class with Distinction (77.13%)** from Government Polytechnic, Pune.
- **SSC** in 2001 with **First Class (74.53%)** from Maharashtra State Board.

Awards and Honours:

- **Approved Lecturer, Savitribai Phule Pune University, Pune, vide letter No. CCO/2757, Dt. 13/09/2014. (Post Converted to Assistant Professor after ME).**
- **Silver Medallist in Master of Engineering (Power System).**

Technical competencies:

- MS – CIT
- AUTO-CAD
- PLC Programming
- Microsoft Word, Excel, Power Point

Workshop/ Seminar Attended:

- One week faculty development program sponsored by AICTE ATAL on “Electric Vehicles and Hydrogen Fuel Cell Vehicles” at JSPM'S Bhivarabai Sawant Institute of Technology and Research from 13 January 2025 to 18 January 2025.
- Five days offline FDP on Innovative Teaching Learning in Perspective with NEP 2020 from 26 December 2024 to 31 December 2024.
- NPTEL eight weeks Online Certification course in Soft Skill Development, January to March 2024.
- One week faculty development program sponsored by AICTE ATAL on “Data Science and Cyber Security” at JSPM'S Bhivarabai Sawant Institute of Technology and Research from 08 January 2024 to 13 January 2024.
- Workshop on “Recent Trends in Electromechanical Engineering” conducted by JSPM's BSIOTR, Wagholi from 8 February 2019 to 9 February 2019 Sponsored by SPPU.
- STTP on Electric Power System conducted by G.H. Rasoni Institute of Engineering And Technology Wagholi from 12 June 2017 to 15 July 2017 in collaboration with IIT Kharapur.

- Faculty Development Program on “Curriculum Design And Related Aspects of NBA”, conducted by TSSM’s BSCOER, Narhe from 12 December 2016 to 17 December 2016.
- Syllabus Revision Workshop for T.E Electrical Engineering (2015 course) conducted by SPPU in 2016.
- Faculty Development Program on “Teaching Methodology in Electrical Engineering” conducted by JSPM’s JSCOE, Pune, from 01 December 2014 to 12 December 2014.
- State Level Seminar on “Challenges to Indian Power Scenario by 2020”, Organized by Dept. of Electrical Engineering at G.H. Rasoni Institute of Engineering And Technology Wagholi in collaboration with SPPU in October 2014.
- National Level Seminar on “Interdisciplinary Application of Digital Signal Processing” organized by Dept. of Electronics And Telecommunication Engineering of G.H. Rasoni Institute of Engineering and Technology, Pune sponsored by AICTE in January 2014.
- S.E. Refresh Course for Electrical Engineering conducted by UoP in 2013.
- S.E. Refresh Course for Mechanical Engineering conducted by UoP in 2013.
- Faculty Orientation Workshop of S.E (Mechanical Engineering) Revised Syllabus 2012 conducted by UoP in December 2013.
- A National Level Seminar on “Signal Processing and Communication” organized by Dept. of Electronics And Telecommunication Engineering of JSPM’s BSIOTR(W), Sponsored by UoP in September 2013.
- National Level Seminar on “Artificial Intelligence and Its Application in Transmission Line Protection” conducted by G.H. Rasoni Institute of Engineering and Technology, Pune Sponsored by AICTE in November 2013.
- International Conference on “Current Trends and Challenges in Management, Engineering, Computer Application and Technology” conducted by Deogiri Institute of Engineering and Management Studies, Aurangabad in 2013.
- National Conference on “Renewable Energy Commercialization and Energy Conservation” conducted by PVG’s COET Pune, MNCEPA Nasik, MEDA Pune in 2012.
- Workshop on “Writing Effective Conference Paper” conducted by Indian Institute of Technology, Bombay in 2012.
- IEEE DL Program on “Design of Industrial Power Distribution System” conducted by PVG’s COET, Electrical Engineering Department, Pune in 2011.
- Faculty Development Program conducted by JSPM’s Group, Pune in 2010.

Publications:

- “Design and Development of Push-Pull Inverter”, The Indian Journal of Technical Education, Volume 27, Special Issue No. 1, page no. 135-141, ISSN 0971-3034, September 2024.
- “A Comparative Analysis of Multilevel Inverters”, 4th International Conference on Emergent Converging Technologies and Biomedical Systems (ETBS 2024), 27th & 29th April 2024.
- “Review Paper on PUC Detection Using Microcontroller”, Journal For Basic Sciences, Volume 23, Issue 11, page no. 308, ISSN 1006-8341, 2023.
- “Review Paper on Design and Development of a Push-Pull Inverter”, Journal for Basic Sciences, Volume 23, Issue 11, page no. 230, ISSN 1006-8341, 2023.
- “Designing of Gas Leakage Detection and Preventive System”, International Conference on Communication and Information Processing (ICCIP 2020), Elsevier - SSRN.
- “Underground Drainage Monitoring System for Metropolitan Cities”, International Conference on Communication and Information Processing (ICCIP 2020), Elsevier - SSRN
- “Smart Data Glasses for Multimeter”, International Conference on Communication and Information Processing (ICCIP 2020), Elsevier -SSRN.

- “Application of Arduino using PIR Sensor and Relay for Automation”, International Journal for Research in Applied Science and Engineering Technology, Volume 7, Issue V, ISSN 2321 – 9653, May 2019.
- “Designing of Magnetic Repulsion Piston Engine” , Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, ISSN 2349 – 5162, May 2019.
- “Application of RCSTL for Mitigation Power Capacitor Switching Transients”, International Journal of Creative Research Thoughts, Volume 6, ISSN 2320 – 2882, April 2018.
- “Super Capacitor Module for Energy Storage Applications”, International Journal of Creative Research Thoughts, Volume 6, ISSN 2320 – 2882, March 2018.
- “Power Equalizer Application For Partially Shaded Solar Cell”, International Engineering Research Journal, Volume 2, Issue 8, ISSN 2395 – 1621, 2017.
- “Prioritizing The Load Considering Economy of Parallel Transformer”, International Engineering Research Journal, Volume 2, Issue 9, ISSN No. 2395-1621, 2017.
- “Solar Powered LED Street Light With Intensity Control”, International Engineering Research Journal, Volume 2, Issue 1, ISSN No. 2395-1621, February 2016.
- “Cost Effective PV Solar Energy Concentrating System Based on Mirror Reflection”, International Education And Research Journal, Volume 2, Issue 5, ISSN 2454-9916, May 2016.
- Intelligent LED Lighting System For User Satisfaction”, International Engineering Research Journal, Volume 2, Issue 2, ISSN 2395-1621, 2016.
- “Risk Management in Electricity Market by Portfolio Optimization”, 11th IEEE India Conference, INDICON 2014, December 2014.
- “Wireless MSED Meter Reading Vehicle”, International Journal of Engineering Research and Applications, Volume 4, ISSN 2248-9622, April 2014.
- “Use of Portfolio Optimization for Management of Risk in Electricity Market”, International Journal of Advances in Management, Technology and Engineering Sciences, Volume II, ISSN 2249-7455, March 2013.
- “Assessment of Fuel Price-Risk”, Technical Journal of the Institution of Engineers (India), Pune Local Centre, Volume 37, ISBN 978-81-924990-1-7, November 2013.

Personal Details:

Name	: Ms. Pooja U. Shinde
Birth Date	: 25 th February 1986
Blood Group	: O ⁺
Nationality	: Indian
Languages Known	: English, Hindi and Marathi
Strengths	: Self Motivated, Hard Working, Quick Learner, Punctual, Friendly.

Declaration:

I hereby declare that the above mentioned information is correct to the best of my knowledge.

Place: Pune

Date:

(Ms. Pooja U. Shinde)