

Dr. Swati Avinash Gade

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Professional Objective:

Upgrading knowledge for competent and effective pedagogy. Imparting democratization and globalization of knowledge for research mode. Pragmatic views of discipline and to prepare the students for job orientation in society and be good citizens.

Academic Details:

- Doctorate in Electrical Engineering from Sandip University Nashik.
- Master of Engineering in Electrical Power System PVG College of Engg & Technology, Pune, Pune University.
- Bachelor of Engineering in Electrical from AISSMS Women's College of Engineering, Pune, Pune University.

Employment Details:

Teaching Experience:

18 Years 7 Months

Current Designation:

Associate Professor

Name of Employer:

Matoshri College of Engineering and Research Center, Eklahare, Nashik

Date of Joining: (current institute)

19th August 2026

Earlier Employment Record

- About 02 years of teaching experience as an Associate Professor in Department of Electrical Engineering, Sandip Institute of Engineering and Management, Nashik from 1st Sept., 2024 to 18th August 2026.
- About 13 years of teaching experience as an Assistant Professor in Department of Electrical Engineering, Sandip Institute of Engineering and Management, Nashik from 20th June 2011 to 31st August 2024.
- Worked as a Lecture at AISSMS College of Engineering, Pune, VIT, Pune and SSJP, Jalgaon.

Area of Interest

Electrical Power Systems, Optimization, Power Quality

Ph. D. Work Title

Optimal Design and Performance Analysis of Renewable integrated UPQC for minimum VA loading and to improve Reliability of System.

Doctoral Advisor

Prof. (Dr.) Rahul Agrawal, Sandip University Nashik

IPR Copyrights	Patent Filed: 1.An Elevator Control System 2.A Passive Solar Tracking System 3.A Street Light Controlling and Monitoring system. 4.A Real-Time Railway Freight Wagon Over & Under Load Detection System 5.A Weather-Adaptive IOT-Enabled irrigation and farm Monitoring system 6.A Dam Flood Management System 7.An Automated Multi compartment waste segregation system Patent Published: 1.Constant Voltage Transformer. 3631/MUM/2013/INDIA 2.Real time traffic Signal System based on vehicle density. 3628/MUM/2013/INDIA 3.Synchronization of Alternator using PLC. 3745/MUM/2014/INDIA 4.Ultrafast acting electronic circuit breaker
Association with Professional Societies	➤ Life member of Indian Society for Technical Education (ISTE) (LM121572). ➤ Membership of 'The Institution of Engineers' (M-1580374)
Association with Conferences and Journals	Served as member Program Committee, Reviewer and Session Chair for various National and International Journals and Conferences.
Invited Talks	Delivered talk for Teachers & Students at FDP, seminar, and Workshops.
MOOC/ AICTE FDPs/ Certificate Courses	
NPTEL	➤ NBA Accreditation and Teaching and Learning in Engineering (NATE)- April 2025 ➤ Smart Grid: Basics to Advanced- Nov.2024 ➤ FACTS Devices - Nov. 2018
Conferences/Workshop/Seminars/ STTP attended	21
Conferences/Workshops Organized	➤ Remote Centre Coordinator for one week FDP on "Enhancing Research Capabilities for Academic Career Progression" organized by NITTR Chandigarh 3rd to 7th August 2026 ➤ Coordinator for International Conference on "Emerging Technologies in Engineering, Science and Technology 2024 (ICETEST-2024). ➤ One-week national level STTP on Industrial Drives and Automation"- At SIEM, Nashik, December 2016. ➤ One Day State Level Workshop on Energy Audit and Management" Sponsored by SPPU, Pune 13th Feb. 2016, At SITRC, Nashik. ➤ Two Days State Level Workshop on Testing and Calibration of Measuring Equipments" Sponsored by SPPU, Pune 9th and 10th Jan 2015 at SIEM, Nashik.
Publications	Research Papers International Journal: 08 International Conference: 06 Book Chapters: 03
Web links:	
Website	https://engg.matoshri.edu.in/academics/electrical/faculty
LinkedIn	https://www.linkedin.com/in/swati-gade-6919a7310?utm_source=share_via&utm_content=profile&utm_medium=member_android
Google Scholar	https://scholar.google.com/citations?user=WbgTRV4AAAAJ&hl=en