

Name: **Dr. Mrs. Geetanjali A. Vaidya**

Designation: Professor and Head of Electrical Engineering

Contact Details:

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Educational Qualification:

- Ph. D. Electrical Engineering, University of Pune, Pune 2009
- M.E. Electrical Power Systems, Pune University, Pune, 1991
- B.E. Electrical Engineering, Gujarat University, Ahmedabad, 1982

Research Interests: Energy Management, Restructured energy systems, Reactive Power Management, Smart Grid systems

Field of Consultancy(Aspiring): Energy audit and Management, Reactive power management, Power system analysis

Consultancy offered:

1. NSK Engineering Corporation, Pune - Power System simulation studies in 2005
2. Maharashtra State Electricity Distribution Co. - Testing of XLPE cables in 2005
3. MSEB Pune - Energy Audit of 11 kV feeder in 2004
4. Prगत Technologies Pvt. Ltd, Pune - Harmonic Analysis of Electronic Ballast in 2002
5. Exide Battery Ltd. Chinchwad, Pune - Harmonic Analysis in 2002
6. Smita Enterprises Pvt Ltd - Harmonic Analysis of Electronic Ballast in 2001

Experience:

- 1) Industrial Experience (total years) : 4.5 years
- 2) Teaching Experience(total number of years): 28.5 years

Research Projects :

1.Title: Development of three Phase Reluctance Generator suitable for Wind Energy Systems

2.Area : Renewable Energy

3.Sponsoring Agency:BCUD SP Pune University

4.Duration : 2013-2015

Publications:

- 1) International Journals: 03
- 2) IEEE Xplore: 03
- 3) National Journals: 03
- 4) International Conferences : 08
- 5) National Conferences : 16

Books Published:

1. 'Electrical Technology' - Everest Publication - ISBN 81-86314-83-0
2. 'Electrical Circuits, Machines and Technology' - Everest Publication - ISBN 81-86314-45-8
3. 'Elements of Electrical Engineering' - Everest Publication - ISBN 86314-91-1
4. 'Elements of Electrical and Electronics Engineering' - Vrinda Publications

PG/PhD guidance:

PhD guidance:

1. Ms. Varsha Galgali - Optimization of Solar PV System [Ongoing]
2. Mrs. G. M. Karve - Energy Storage systems [Ongoing]
3. Mrs. K. M. Kurundkar- Hybrid AC/DC Microgrid [Ongoing]

PG Students Guided - ME (Electrical Power system) :14 Completed , 05 Ongoing

Professional Society Memberships:

- Member of **IEEE** (U.S.A.) [No 92149888],
- Life Member of the Indian Society for Technical Education, (**ISTE**) New Delhi[LM 15122]
- Life Member of the Institution of Engineers, (**IE**) (India)[M 110491/2]. **Fellow** of Institution of Engineers (India)[F-117905]

Recognitions/ Awards:

- 1) Recognized Ph.D. Guide in Electrical Engineering of Savitribai Phule Pune University
- 2) Recognized Post Graduate teacher of University of Savitribai Phule Pune University.

- 3) First rank holder in M.E.(Electrical Power System) examination in the order of merit in University of Pune held in April 1991.
- 4) **'Adarsha Shikshak Puraskar'** of Pune Vidyarthi Griha in September 1992.
- 5) Recipient of **'Dr. M. Visvesvaraya Centenary award'** from Institution of Engineers for the technical paper on 'Study of Simulation of HVDC system on digital computer' by Institution of Engineers, Pune Local Centre on 29th Nov.1993.
- 6) Recipient of Yogatadnya Dadaji Vaishampayan – **Adarsh Shikshak Puraskar** in September 2004.
- 7) Felicitated on Teachers day [5th September 2015] at the hands of Padmabhusan **Dr. Raghunath Mashelkar**.

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