

Name: **Dr. Surekha R. Deshmukh**

Designation: Associate Professor

Contact Details:



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Educational Qualification:

- Ph. D. (Electrical Engineering), University of Pune, 2012
- M.E. (Power System), University of Pune , 2002
- B.E. (Electrical Engineering), Govt. College of Engg. , Karad, Shivaji University, 1996

Research Interests:

Power System Operation and Control, Reliability, Artificial Intelligence and Data Mining

Field of Consultancy (Aspiring):

Data analytics, Smart grid, Artificial intelligence based control of power system

Consultancy offered: Nil

Experience:

- 1) Industrial Experience (total years) : 1.5 years
- 2) Teaching Experience(total number of years): 21 years

Research Projects :

1.Title :- “Design and Development of Intelligent Load-Priority Selection System of Smart Grid Campus”

- **Area :-** Power Systems
- **Sponsoring Agency:-** BCUD, SPPU

- **Duration :-** 2016-2018

2.Title :- “Real and Reactive Power Optimization and Pricing under Deregulated Environment in India”.

- **Area :-** Power Systems
- **Sponsoring Agency:-** BCUD, SPPU
- **Duration :-** 2008-2009

Publications:

1) IEEE Xplore:	10
2) National Journals:	04
3) International Conferences :	14
4) National Conferences :	04

PG guidance:

PG Students Guided - ME (Electrical Power system): 20 Completed, 06 Ongoing

PhD guidance:

01 Ongoing

Professional Society Memberships:

IEEE---41366048

Chair- PES-IAS Chapter, IEEE Pune Section (2019)

Chair- Young Professional Affinity Group (2016-,2017,2018)

Secretary – IEEE Pune Section (2016-2017)

Treasurer - IEEE Pune Section (2017)

ISTE--- LM 29624, Member of Institution of Engineers (IEI)

Recognitions/ Awards:

- Member – Board of Studies, Electrical Engg Dept, Department of Science and Technology, SPPU 2019
- Signatory Member of MoU of IEEE Pune Section with PMC, regarding Smart City Projects.
- Member of working groups of India Smart Grid Forum (ISGF)
- Recognized Ph.D. Guide in Electrical Engineering of SPPU, Pune
- Recognized Post Graduate teacher of SPPU Pune.
- First rank in State level Competition of Industrial and Research Projects for Faculty Members, Dipex 2013, during 6-13 March 2013, Pune, participated under Ph.D category. The prize includes Rs. 50,000/- and certificate.
- First Prize under Ph.D Category at Maharashtra State Inter University Research Competition 'Avishkar-2011-2012', held during 13th -15th Jan 2012 at Shivaji University, Kolhapur, organized by Association of Indian Universities (AIU) and represented Pune University.
- First Prize for Paper Presentation Contest at Annual Paper Meet, at Institution of Engineers (I), PLC, Pune November 2011.
- First Rank in University of Pune in M.E. Power System
- Honored with HSC Board Prize on securing 1st rank in Biology subject
- Honored with SSC Board Prize on securing 22nd rank in SSC Examination

Academic Contribution

- Contributed as Tutorial Speaker
 - IEEE WIECON ECE – Pattaya , Bangkok 14th-16th December 2018
 - IEEE R 10 TENSYPMP 2017, Kochin , Kerala, 14th – 16th July 2017
 - India Smart Grid Forum (ISGF) Week, Advances in Smart City , Delhi, 6th – 10th Mach 2017
 - IEEE International Conference on Data Management, Analytics and Innovation – ICDMAI 2017, 24th -26th Feb 2017.
 - IEEE WIE International Summit 2016, 23rd -24th Sept.2016
 - IEEE Second International Smart Cities conference 2016, Trento-Italy, 12th- 15th Sept 2016
 - IEEE WIECON ECE 2016, Pune, India.

- IEEE Region 10, Students, Young professionals, WIE (SYW) Congress 2015, 9th- 12th July 2015, Colombo,Sri- Lanka
- Represented Power and Energy Society Chapter as a Secretary, at PES Chair-Meet , Kuala Lumpur , Malaysia ,24 & 25 Oct. 2009

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