

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

Designation: Associate Professor

Contact Details:

- Email id:d_surekha@hotmail.com
- Phone Number with extension:+91 9890179398



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

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): 19 years

Research Projects :

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

2.Area :- Power Systems

3.Sponsoring Agency:- BCUD, SPPU

4.Duration :- 2016-2018

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

2.Area :- Power Systems

3.Sponsoring Agency:- BCUD, SPPU

4.Duration :- 2008-2009

Publications:

- | | |
|--|-----------|
| 1) <u>International Journals:</u> | 02 |
| 2) <u>IEEE Xplore:</u> | 08 |
| 3) <u>National Journals:</u> | 05 |
| 4) <u>International Conferences :</u> | 08 |
| 5) <u>National Conferences :</u> | 15 |

Books Published: Nil

PG guidance:

PG Students Guided - ME (Electrical Power system): 12 Completed, 06 Ongoing

PhD guidance:

01 Ongoing

Professional Society Memberships:

IEEE---41366048

Secretary – IEEE Pune Section (2016-2017)

Treasurer - IEEE Pune Section (2017)

ISTE--- LM 29624

IEI

Recognitions/ Awards:

- 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.
- Represented IEEE Power and Energy Society Chapter, IEEE Bombay Section as a Secretary, at PES Chair-Meet , Kuala Lumpur , Malaysia ,24 & 25 Oct. 2009
- 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

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