

Dr. Mrs Surekha Rajendra Deshmukh has over 25 plus years of professional experience. Her current role is Domain Consultant, Sustainability Practice, TCS, Pune.

At TCS, She supports the development of Data Analytics and AI-ML enabled solutions for Utility industry and Sustainability focused solutions across global industries

She did BE (Electrical Engineering-1996) from Govt College of Engg, Karad, M.E (Electrical Power Systems-2002) with gold medal and PhD (Electrical Engineering- 2012).

As a meritorious candidate, she was a Board Candidate at 10th standard and achieved a Gold medal in Biology subject in 12th Standard. She also achieved the first position at post-graduation at Pune University and a few awards and recognitions for PhD research contributions as Best Technical Paper at IE(I), DipEx 2013, Avishkar 2011-12.

Dr Surekha is senior member of IEEE (Institute of Electrical & Electronics Engineers), USA and Chair of IEEE Pune Section and Chair- PES India Chapters Council. She also serves as a Member of IEEE's Climate Change Committee (CCIRCC) and chair of Sub Committee of CCIRCC–Global Visibility.

Dr Surekha is nominated to represent IEEE at United Nations Climate Change Conference -COP 28 at Dubai.

She is closely associated with multiple professional organizations like IEEMA, ISGF, MCCA, Pune Smart City as well as Universities & Academic Institutions.

Her areas of interest are Sustainability, Climate Change, Artificial Intelligence and Data Analytics, Electrical Safety, Electric Vehicles, Power Market, Power System Operation and Control, Reliability Analysis and Smart Grid.

She is passionate about publishing work and has more than 35 papers till date on her record. With wide technical experience, she contributes as a reviewer of IEEE PES publications, Elsevier and Springer journals.

Dr Surekha is awarded with “Outstanding Volunteer Award” of IEEE India Council-2020, “Women in Power” Award- 2021, IEEE PES “Outstanding Engineer Award” 2022. “Women In Engineering” Recognition by IEEMA-from ELECRMAMA in Feb 2023

She has played key roles since 2000 at IEEE Pune Section, as Chair-IEEE Young Professional Affinity Group, Secretary, Treasurer –IEEE Pune Section, WIE member, Member of IEEE standards group, Member of Humanitarian Activity Committee, Member of IE(I) and Life Member of ISTE. She is also Chapter Representative of IEEE PES R 10 West and Chair- IEEE PES India Chapter Council. She was Chair of IEEE PES-IAS Chapter of Pune Section for 2019 and 2020. Both years, during her tenure as chair PES-IAS chapter won the “BEST Chapter Award” at Pune Section.

Dr Surekha is a known contributor at global Technical events as Resource person, Tutorial speaker, Keynote speaker, Session chair, Panelist etc. at Italy, Singapore, Malaysia, Bali, Bangkok, Bangladesh, Macau, China, Vietnam, Canada, Romania, and key cities of India.