ADJUNCT FACULTY - DEPARTMENT OF EEE

Name: Sandeep Madishetti

Designation: Principal Engineer with LITE-ON Singapore since Dec, 2021

Academic Qualification:
B.Tech. (EEE) – Anurag Engineering College, Kodad (2007)
M.Tech. (Power Electronics & Electrical Drives) – S.V.NIT, Surat (2009)
Ph.D – IIIT Delhi (2015)

Worked as a Research Scientist for about five years at Experimental Power Grid Center (EPGC) from 2017 to 2021

Research Interest	:	Power electronics, electrical drives, wide-bandgap devices, high power density converters, power quality, more electric aircraft, distributed energy generation, renewable energy intermittency, smart grid, energy storage systems, embedded control systems and electric vehicles.
Course taught	:	Renewable Energy Systems (U18EE502A)
Class & Academic Year	:	B.Tech. (EEE) V Semester of the AY 2023-24
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Sandeep Madishetti received PhD degree from Indian IIIT Delhi, in 2015, M.Tech. degree in Power Electronics and Electrical Drives from S.V.NIT, Surat, in 2009, and B.Tech. degree in Electrical and Electronics Engineering from Anurag Engineering College, Kodad, in 2007. After his completion of doctoral studies, he worked for about two years at Rolls Royce @ Nanyang Technical University Corporate Lab, Singapore, as a Research Fellow. Later he moved to Experimental Power Grid Centre (EPGC), in 2017 and worked as a Research Scientist for about five years. EPGC is part of the Energy Research Institute @ Nanyang Technological University (ERIAN) Singapore. He is currently working as a Principal Engineer with LITE-ON Singapore since Dec 2021.

His research interests include power electronics, electrical drives, wide-bandgap devices, high power density converters, power quality, more electric aircraft, distributed energy generation, renewable energy intermittency, smart grid, energy storage systems, embedded control systems and electric vehicles.

He received POSOCO Power System Award (PPSA) 2015. His PhD thesis work stood top ten in Doctorial Category