

MHRD Sponsored GIAN Courses

Sl. No.	Title	Speaker	Duration	Local Coordinator	Course Coordinator
1.	Challenges and Opportunities in Renewable Energy: Role of the Smart Grid	Prof. Saifur Rahman, Virginia Tech, USA	03.06.2016 to 08.60.2016	Dr. Madhusudan Singh	Dr. M. Rizwan
2.	Photovoltaic Array to Utility Interface Power Converters	Prof. A. K. S. Bhat University of Victoria, Canada	22.08.2016 to 27.08.2016	Dr. Madhusudan Singh	Dr. Sudarshan K. Valluru
3	Recent Trends in Power System Reliability Evaluation: Models, Statistical Methods and Applications	Prof. Chanan Singh, Texas A&M University, Texas, USA	09.10.2017 to 13.10.2017	Dr. Madhusudan Singh	Dr. Rachana Garg
4.	Emerging Trends in Advance Control System Applications in Intelligent Transport Systems	Prof. Markos Papageorgiou, Technical University of Crete, Greece	04.12.2017 to 08.12.2017	Dr. Madhusudan Singh	Sh. A. R. Kulkarni
5.	Recent trends in Protection of Microgrids with high DER penetration: Issues, Challenges and Mitigation	Mukesh Nagpal, BC Hydro Canada	12.02.2018 to 16.02.2018	Dr. Madhusudan Singh	Dr. Rachana Garg
6.	Emerging Cutting Edge Technologies in Advanced Electrical Machines and Drives: Design & Performance Issues, Fault Diagnosis, Failure, Prognosis and Mitigation	Prof. Elias Strangas, College of Engineering, Michigan State University, USA	06.11.2017 to 10.11.2017	Dr. Madhusudan Singh	Dr. Mini Sreejeth
7.	SMART Power Flow Controller for Smart Grid Applications	Dr. Kalyan Sen, Sen Engineering Solutions, USA	18.12.2017 to 23.12.2017	Dr. Madhusudan Singh	Dr. S. Bhowmick
8.	Resilient Power Grid Operation using Synchro-phasor Technology: A Smart Grid Operation Perspective	Prof. Mani Vaithianathan Venkatasubramanian, Washington State University, USA	17.12.2018 to 22.12.2018	Dr. Madhusudan Singh	Dr. S. T. Nagarajan
9.	Role of Reliability Evaluation in Power System Planning, Operation, and Maintenance	Prof. Lalit Goel, Expert from Nanyang Technological University, Singapore	03.03.2025 to 07.03.2025	Dr. Madhusudan Singh	Prof. Uma Nangia