

Department of Electrical and Electronics Engineering

AICTE Sponsored Short-term Training Programme: - “Smart Grid Technologies for Energy Efficiency and Active Demand Side Management”

Phase 1: “Introduction to Smart Grid Technologies; Opportunities and Challenges in Future world – Case Studies”

**LIST OF RESOURCE PERSON AND EVENT SCHEDULE**

DAY	DATE	FN (10:00 AM to 12:00 PM)		AN (2:00 PM to 4:00 PM)	
		Resource Person	Title	Resource Person	Title
1	07 December 2020	Dr.Vijayakumar K, Assistant Prof., IITDM Kancheepuram	Power controllers for wind energy conversion system in smartgrid.	Dr. Mitresh Kumar Verma, Professor, Department of Electrical Engineering, Indian Institute of Technology, Varanasi	Voltage Stability Monitoring and Control in Smart Grid Architecture Through Synchrophasor Measurements
2	08 December 2020	Ms. Anuradha Charugalla, Senior Test Engineer, OSI Systems	Smart IED's and Evolution of Communication Protocols in T&D Substations	Dr. Sofana Reka, Assistant Professor Senior Grade, School of Electronics Engineering, Vellore Institute of Technology, Chennai	Security and Privacy Issues in Smart Grid: Cyber Physical System Approach
3	09 December 2020	Dr. M Kowsalya Professor, School of Electrical Engineering , Vellore Institute of Technology, Vellore	Control of inverters in Microgrid with distributed battery energy storage	Dr. Hitesh D. Mathur Associate Professor and Head, Electrical and Electronics Engineering Department Birla Institute of Technology & Science (BITS), Pilani	Smart Grid Technologies: Future of Indian Power System
4	10 December 2020	Dr. S. Senthil Kumar Associate Professor Department of Electrical and Electronics Engineering, NIT Tiruchirappalli	Power Converters in Smart Grid Technologies	Dr. Rajendra Kumar Pandey Senior Member IEEE Professor Dept. of Electrical Engineering Indian Institute of Technology, Varanasi	Intelligent Power Control Architecture for Distributed Energy Resources Effective Power Management
5	11 December 2020	Dr. Amit Sant, Assistant Professor, Pandit Deendayal Petroleum University	Power Quality Enhancement with Shunt Active Power Filters	Dr. V.S.K.V. Harish, Assistant Professor, Pandit Deendayal Petroleum University, Gandhinagar	Smart Building Energy Systems
6	12 December 2020	Dr. Balakrishna.P, Senior Lead R&D Engineer, GE Grid Energy, Hyderabad.	Recent challenges, innovations and advancements in Smart Grid Technology	Dr. Debapriya Das, Professor Department of Electrical Engineering, Indian Institute of Technology Kharagpur	Virtual Power Plant(VPP)/Microgrid