

Doctoral Awardees PPSA-2020

Name	Title	Institute
Onkar Vitthal Kulkarni	New Control Methods for Static Distributed Generators in AC Supply Systems	IIT Bombay
Jadhav Ashok Mohan	Architectures and Algorithms for Energy Management in Smart Microgrids	VNIT, Nagpur
Akhil Raj	Controlled Islanding of Transmission System Using Synchrophasor Measurements	IIT Bombay
Aditya Dilip Nadkarni	Design of a Data-driven Early Warning System (EWS) for Voltage Stability Monitoring	IIT Bombay
Rishi Kant Sharma	Advanced Control and Power management of Distributed Generation Unit in AC/DC Microgrid	IIT Delhi
Rajiv Jha	Electromechanical Oscillation in power system: Detection, Characterization and Utilization	IIT Delhi
Anamika Dubey	Synchrophasor-Assisted Advanced State Estimators for Power Systems	IIT Kanpur
Abdul Saleem Mir	Decentralized Estimation and Control for Enhancement of Power System Stability with/without Energy Storage Systems	IIT Delhi
Sayari Das	Wide Area Protection, Monitoring and Control for Prevention of Blackouts in Power Systems	IIT Delhi
Harimurugan Devarajan	Applications of Charge Simulation Method based Electric Field Analysis in Power System: Standard Capacitor, EHV Substation, and HV Double Circuit line	NIT Surathkal
Shailendra Singh	Energy Conservation in Active Distribution Network via Smart Volt/ VAR Control	IIT BHU
Hazem Karbouj	Mitigation of Voltage and Frequency Stability Issues in Wind Integrated Power System	IIT Bombay
Subir Majumder	Techno-Economic Analysis of Electricity Networks with Renewable Energy Sources and Storage Devices	IIT Bombay
Pannala Sanjeev	Power Control and Management of DC Microgrids	IIT Roorkee
Motakatla Venkateswara Reddy	Power Quality Assessment & Enhancement under Micro Grid Environment	IIT Ropar

Master Awardees PPSA-2020

Name	Title	Institute/ College
Santhosh Kumar C	Robust Three-Phase Distribution System State Estimation using Hybrid Measurements	IIT Kanpur
Arshdeep Singh Sandhu	Wireless Four-Terminal Electrode System for Dielectric Current Measurement at High Voltage Electrode	IIT Ropar
Shashank Singh	Realization of Multi-Agent System for Residential Demand Response Under Smart Grid Paradigm	NIT Tiruchirapalli
Sanitha G	Location Identification and classification of events in distribution power system using Micro PMU data	CET Tiruananthapuram
Diksha Kumari	Improvement in Power Flow Controller and its performance in Power Flow Analysis of Transmission or Distribution System	IIT Delhi
Kolli Jnaneswar	A Real-Time DWT and Traveling Wave based Methodology for Transmission Line Protection Reinforcement	NIT Tiruchirapalli
Kirti Gupta	Adaptive Relaying Schemes for Distribution System with Inverter Based Distributed Generations (IBDGs)	NIT Uttarakhand
Archita Vijayvargia	Wind Resource Forecasting Using Multivariate Statistical Models	MNIT Jaipur
Sushmit Mazumdar	Hardware Emulation of a Long Transmission Line by High Frequency Power Electronic Converter for the study of Switching Transients	IISC Bangalore
Abhiram VP	Communication Topology Selection for Secondary Controllers in DC Microgrid	IIT Kanpur
Akhil G Augustine	Fault location and fault section identification algorithm for a series compensated line	NIT Calicut
Tanmay Jain	Situational awareness enhancement of distribution network incorporating network reconfiguration	BIT Mesra
Siva A K	Incorporation of Over Current Protection Functionality in Smart Meter for AC Microgrids	IISC Bangalore
Gaurav Mitra	Investigations on high temperature low sag (HTLS) conductors	IISC Bangalore
Puneet Kumar	Development of Synchro-Phasor Algorithms on Parallella - A Credit Card Sized Super Computer	IISC Bangalore