

**Annexure-I**  
**PPSA 2019 AWARDEES IN DOCTORAL CATEGORY**

<b>NAME</b>	<b>TITLE</b>	<b>INSTITUTE</b>
Mini Rajeev	Novel Single-Phase Transformer-less Inverter Topologies and Control Schemes for Grid-PV Interface	IIT BOMBAY
Kedar Vithal Khandeparkar	Meeting Data Accuracy and Quality of Service Requirements for Analytics in Transmission Grids	IIT BOMBAY
Sandeep Biswal	Innovative Protection Algorithms for Power Networks During Critical Equipment and System Operating Conditions	NIT RAIPUR
Trupti Prasanna Hinge	Dynamic Security Enhancement and Protection using Synchrophasor Technology for SMART GRID	COLLEGE OF ENGINEERING PUNE
Bhupendra Kumar	Protection of Transmission Line in Presence of FACTS Device	NIT RAIPUR
B Rajanarayan Prusty	Probabilistic Steady-State Analysis of Power Systems With Photovoltaic Generations	NITK SURATHKAL
Sharda Tripathi	Data-driven resource optimization schemes for edge devices in smart grid communication networks	IIT DELHI
Shailendra Kumar	Energy Efficient Grid Interactive PV-BES Microgrid with Improved Power Quality and Seamless Transfer Capabilities	IIT DELHI
JG Sreenath	Distributed Forecasting-Aided Power System State Estimation in the Presence of Bad Data, Unreliable Communication and Cyber-Attacks	IIT KANPUR
Shivraman Mudaliyar	Coordinated Power and Voltage Control of DC Distribution Networks	IIT DELHI
Dushyant Sharma	Design of Novel Control Schemes for Improved Performance of Automatic Load Frequency Control	IIT DELHI
Sai Pranith	Multimode Multifunctional Grid connected Battery Energy Storage with Photovoltaic Interface for Smartgrid Applications	IIT DELHI
Rabindra Mohanty	Protection and Fault Location for DC Microgrids	IIT KHARAGPUR
Manas Kumar Jena	Application of Synchrophasor Measurements for Enhanced Back-Up Protection and Situational Awareness	IIT DELHI
Pratim Kundu	Power Network Protection Using Synchrophasor Measurements	IIT KHARAGPUR

**Annexure - II**  
**PPSA 2019 AWARDEES IN MASTER CATEGORY**

<b>Name</b>	<b>Title</b>	<b>College/ Institution</b>
Khimavath Sai Chethana & Saravana Prakash P	Power quality improvements in AC Mains fed AC-DC rectifier using DC current injection technique	NITK Surathkal
Rakesh Reddy Vattigunta	Grid Support from Hybrid Solar PV and Wind Power Plant	IIT BOMBAY
Iyer Shriram Ganeshan	Zero Setting Algorithm for Power Swing Detection and Classification in Distance Relays	IIT DELHI
Meenakshi Khandelwal	Optimal Scheduling of Virtual Power Plant Under Multiple Locational Marginal Prices	MNIT JAIPUR
Mehebab Alam	Investigations on Line Outage Contingencies and Development of Novel Algorithms For Multiple Line Outage Identification Using Optimally Placed PMUs	NIT DURGAPUR
Utkarsh kumar	Switching Transients and Mitigation Techniques	IIT DELHI
BV Suryakiran	Integration of Battery Energy Storage System for grid/microgrid applications	IIT DELHI
Tripti Gangwar	Adaptive Protection Techniques for Distribution Networks	NIT UTTARAKHAND
Saggurthi Anil Kumar	PMU based Distance Protection Methodology to Avert Malfunction due to FACTS Controllers	NIT TIRUCHIRAPPALLI
Paila Lakshmana Rao	An Isolated Micro-Grid System Employing Renewable Energy Sources	NIT TIRUCHIRAPPALLI
Disha L Dinesha	Application of Semi Analytical Methods for Large Power System Simulations	IISC BANGALORE
Ram Shankar Yallamilli	Control and Power Management Strategies for Microgrid Systems using Instantaneous Symmetrical Component Theory	IIT MADRAS
Soumya Sahoo	Optimal Dispatch Scheduling for Residential Battery Storage with Solar Photovoltaics	IIT KANPUR
Parikshit Pareek	Computationally Efficient Linear Optimal Power Flow for Power System Applications	IIT DELHI
Sunil Kumar Muwal	Model Predictive Driven Centralized Volt/Var Control for Active Distribution Network Considering CVR	IIT BHU