

Doctoral Awardees - PPSA- 2017

Name	Gender	Zone	Institute	Project Title
Dr Sijo Augustine	Male	South	IIT Madras	Operation and Control of DC-DC Converters in Standalone DC Microgrid System
Nimish Soni	Male	South	IIT Bombay	Virtual Inertia in AC Microgrids - Transient Response and Stability Analysis
Pratyasa Bhui	Male	North	IIT Delhi	Synchrophasor Based Monitoring of power System Dynamics
Riddhi Ghosh	Male	East	JADAVPUR UNIVERSITY	Advanced Techniques for Remote Monitoring of High Voltage Systems
Hasmat	Male	North	IIT Delhi	Some Aspect of Condition Monitoring of Transformer And Wind Energy Conversion System
Saumendra Sarangi	Male	North	IIT Kharagpur	Adaptive Power Network Protection using Synchronized Data
Arpan Kumar Pradhan	Male	East	JADAVPUR UNIVERSITY	Condition Monitoring of Transformer Insulation by Frequency Domain Spectroscopy using Nonsinusoidal Excitation
Anup Shukla	Male	North	IIT Kanpur	Evolutionary Techniques Based Solution to the Unit Commitment Problem Including Renewable Energy Sources
Aleena Swetapadma	Female	East	NIT Raipur	Data mining, Artificial intelligence techniques and finite state automata application in performance enhancement of transmission line protection schemes
Anju Meghwani	Female	North	IIT Kanpur	DC Microgrid Protection: Challenges and Solutions
Satish Sharma	Male	North	IIT Delhi	A Game Theoretic Framework for Loss, Deviation Cost and Profit Sharing of Distribution Entities
Pankaj Gupta	Male	North	NIT Kurukshetra	Protection Issues of Grid Connected Distributed Generation
Thakur Jagruti Ramsing	Female	East	IIT Kharagpur	Implications of smart metering and increased renewables for residential consumers in India

Name	Gender	Zone	Institute	Project Title
Prasad Arvind Venikar	Male	West	VNIT	Diagnosis of incipient fault development in transformer by condition monitoring
O.V.S.R.Varaprasad	Male	South	NIT Warangal	An Improved Interpolated FFT algorithm with Time Windows for Real-Time Analysis of Power System Harmonics and their Mitigation using Conservative Power Theory based Customised Hybrid Active Power Filter for Industrial Power System
Dr. Rahul Kumar Dubey	Male	North	IIT Delhi	Adaptive and Intelligent Distance Relaying Scheme for Power Transmission Network
Susmita Kar	Female	East	IIT Bhubuneswar	Development of Microgrid Protection Schemes
Imran Sharie Mohammed	Male	North	IIT Ropar	Synchrophasor Assisted Voltage Stability Assessment and Control
Ikhlaq Hussain	Male	North	IIT Delhi	Investigations on Grid Interfaced Solar PV Power Generating System
Rajeev Kumar Chauhan	Male	North	IIT Mandi	Design and Performance Analysis of DC Microgrid
Dongari Rakesh Chandra	Male	South	NIT Warangal	Wind Integration Studies in Power Systems: Forecasting, Stability and Load Management Issues
K. Venkatraman	Male	West	NIT Tiruchirapalli	Design and Development of FPGA based Embedded Systems for Online Monitoring, Power Management and Control of Power Quality Conditioners in a Micro-grid
Gayathri Nair	Female	North	IIT Delhi	Energy storage solutions for better integration of wind power
B. Neelakanteshwar Rao	Male	North	IIT Delhi	Reliability Compliant Planning and Impact Analysis of DGs in Distribution Systems
Dr. Rajendra Kumar Khadanga	Male	East	NIT Rourkela	Performance Analysis of Flexible A.C. Transmission System Devices for Stability &Improvement of Power System

Doctoral Top- 10

Name	Gender	Institute	Project Title
Dr. Sijo Augustine	Male	IIT Madras	Operation and Control of DC-DC Converters in Standalone DC Microgrid System
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Aleena Swetapadma	Female	NIT Raipur	Data mining, Artificial intelligence techniques and finite state automata application in performance enhancement of transmission line protection schemes
Anju Meghwani	Female	IIT Kanpur	DC Microgrid Protection: Challenges and Solutions

Master Awardees - PPSA- 2017

Name	gender	Zone	Institute	Project Title
Rahul Kumar Agarwal	Male	North	IIT Delhi	Analysis, Design and Implementation of Novel Smart Control Algorithms for Grid Integrated Solar Energy Conversion system
Pankaj Dilip Achlerkar	Male	East	IIT Bhubaneswar	Variational Mode Decomposition Based Disturbance Detection in Microgrid
Ashish Kumar	Male	North	MNNIT Allahbad	Development of Visualization Toolbox for Monitoring Electromechanical Oscillations
Korada Nikhil	Male	South	IIT Madras	Power Management Strategies with Power Quality Features for AC-DC Microgrid System
Swaroop Kishan Singh	Male	South	NIT Surathkal	FEM Based Analysis of E-Field Distribution in A 765 kV Switchyard: A Study with reference to ICNIRP Guidelines
A Santosh Kumar	Male	South	IISc Bangalore	Voltage Stability Analysis of Unbalanced Power Systems
Harshit Vallecha	Male	North	NIT Kurukshetra	Smart Utilization Of Solar And Wind Farm Inverters As Facts Devices In Grid Integrated Renewable Energy System
Santosh V. Singh	Male	South	NIT Surathkal	Transient Stability Analysis of Grid-Connected Solar Photovoltaic Power System Based on Current Injection Model
Abhishek Gupta	Male	North	NIT Kurukshetra	Available Transfer Capability Determination With Renewable Sources Integration
Arunima Dutta	Female	East	NIT Meghalaya	Coordinated Control of Conventional Units and Electric Vehicles using Fractional Order Controller for AGC under Deregulated Environment
Lakshmi R	Female	South	NIT Calicut	Security Assessment Of Microgrid Using Micro PMU Data And Its Visualization In PDC
P Karimulla	Male	North	NIT Kurukshetra	Distribution System Pricing Analysis with Renewable Sources and Non-Linear Loads

Ramigani Jayakumar Reddy	Male	South	NIT Trichy	Real Time Zone-3 Adaptive Distance Protection Using Synchro Phasor Measurement System
Saurav Roy Choudhury	Male	North	IIT kanpur	Dynamic voltage restorer with adaptive active filtering
Rahul Swagal	Male	North	NIT Kurukshetra	Impact Of Renewable Energy Sources For Congestion Management In Deregulated Electricity Markets
Ayan Ghosh	Male	East	BITS Mesra	Planning of Combined Primary and Secondary Power Distribution Systems
Jitendra Kumar Dash	Male	East	Indira Gandhi Institute of Technology, Sarang	A Synchrophasor Based Wide Area Measuring Protection & Control Schemes for Interconnected Power Grids
Avirup Maulik	Male	East	IIT Kharagpur	Economic and stable operation of microgrid
Ankit Uniyal	Male	North	NIT Kurukshetra	Distributed generation placement and unit commitment using heuristic methods
Aravind M N	Male	South	NIT Calicut	PMU and SCADA integration for disturbance analysis and fault localization of power grid
Kolli Sri Venkata Sindhu	Female	South	NIT Warangal	An Energy Acquisition Model for DISCOMs with High Renewable Energy
Lalitha S	Female	East	NIT Agartala	Stochastic Power System Security Analysis
Nitesh Ganesh Bhat	Male	South	NIT Surathkal	Modeling of electric vehicles for probabilistic load flow studies in distribution systems
Nandini Negi	Female	North	IIT Kanpur	Decentralized Adaptive Primary and Distributed Secondary Control for Radial AC Microgrid
Akansha Jain	Female	South	VJIT Mumbai	Response of Resistive Superconducting Fault Current Limiters to Various Faults in Present and Future Power System Network

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