

LIST OF AWARDEES DOCTORAL CATEGORY POSOCO POWER SYSTEM AWARDS (PPSA)- 2023

NAME	INSTITUTE	PROJECT TITLE
Farheen Chishti	IIT DELHI	Design and control of PV-wind energy based microgrids with islanding and resynchronization
Souvik Das	IIT DELHI	Control of AC/DC Microgrids with DFIG Based Wind Energy Conversion and Solar PV Generation
Pankaj Dilip Achlerkar	IIT DELHI	Modeling, Stability Analysis and Decentralized Control Design of Inverter Interfaces
Abhineet Prakash	IIT PATNA	Design and Development of Wide Area Damping Controller for Inter-Area Oscillations
Ancha Satish Kumar	IIT ROPAR	Operation and Control of Multi-Terminal DC (MTDC) Grids for Integrating Large-Scale Renewable Sources
Diptak Pal	IIT DELHI	Stability Assessment of Inverter-based Resources Integrated Power Grids
Ebin Cherian Mathew	IIT DELHI	Fault tolerant schemes for exchanging power with HVDC transmission lines
Astha Chawla	IIT DELHI	Cyber-attack resilient design of wide area measurement systems in smart grid
Arpan Malkhandi	IIT DELHI	Stability improvement of grid tied inverter systems
Indla Rajitha Sai Priyamvada	IISC BENGALURU	Analysis and Enhancement of Stability of Power Systems with Grid-scale Photovoltaic Power Plants
Bikash Patel	JADAVPUR UNIVERSITY	Analysis of fault and power swing on the transmission line
Ashiq Muhammed P E	IISC BENGALURU	Improved Understanding of Standing Waves in Single Layer Coil and Elegant Methods to Estimate Transformer Winding Parameters
Shreyasi Som	IIT KANPUR	Control and Stability Enhancement of Islanded Microgrids
Anubrata Das	IIT KANPUR	Inverter Based Resources: Control Towards Grid Support Functionalities and Improved Reliability
Arindam Mitra	IIT KANPUR	Dynamic Equivalent Modelling and Monitoring of Synchronous Generators and Aggregate Loads

LIST OF AWARDEES MASTER CATEGORY POSOCO POWER SYSTEM AWARDS (PPSA)-2023

NAME	INSTITUTE	PROJECT TITLE
Likhitha Kukkala	NIT WARANGAL	Model-Free Selective Auto-Reclosing and Fault Location for Three-Terminal Mixed Lines Connected with Conventional or Renewable Power Plant
Karan Katariya	IIT KHARAGPUR	Synchronized Measurement Refinement and Oscillation Source Detection in Power Systems
Harshita Arya	IIT MANDI	Design and Development of a DC Microgrid Based Fast Charging Station for Electric Vehicles
Maneesh Kumar	NIT WARANGAL	Secondary control of AC microgrids and Battery Energy Storage Systems (BESS)
Vardan Saxena	IIT DELHI	Development of Intelligent Control Techniques for Standalone and Grid-Interfaced Solar PV Energy Conversion Systems
Karan Umbharatwala	IIT DELHI	Development of Simulation Model of 2x25 kV Traction Power System for High Speed Railways
Preeti Singh	IIT KHARAGPUR	Voltage and Frequency control of the AC grid at Offshore wind farms.
Neelesh Pratap Singh	NIT WARANGAL	Short-Term Forecasting in Smart Electric Grid using N-BEATS
Kheelesh Kumar Dewangan	SVNIT SURAT	Power Flow Analysis using advance algorithms: Successive Approximation, Adomian Decomposition and Homotopy Perturbation
Kusum Lata	MNIT JAIPUR	Financially Driven Coordinated Cyber Attacks on Power Market Operations
Aparna Acharya	MNIT JAIPUR	continuous time-varying false data injection attacks on cyber-physical power system
Sharma Bhavana Arvindkumar	IIT PALAKKAD	Signal Similarity Index based Line Protection Scheme for Systems with Inverter-based Resources
Paawan Dubal	IISC BENGALURU	Wide Area Measurement Based Cyber-Attack Resilient Breaker Failure Protection Scheme
Krishan Kumar Saini	IIT KHARAGPUR	A Novel Framework for Resilient Overhead Power Distribution Networks
Yuvraj Singh Rathore	IIT BOMBAY	Voltage Profile Improvement in Agricultural Feeders