

GRID-INDIA Power System Award (GIPSA) 2024

GIPSA 2024 : List of Awardees in Doctoral Category

SN	NAME (Mr._Ms.)	INSTITUTE NAME	PROJECT TITLE
1	Debargha Brahma	IIT Delhi	Dynamic Flexibility Studies in Power Systems
2	Kaustav Jyoti Kalita	IIT Patna	Novel Analytical Schemes for Fault Location in High Voltage AC Transmission Line
3	Bidhan Biswas	IISc Bangalore	Short Circuit and Open Circuit Natural Frequencies of 3- Φ Transformers: Derived Analytical Expressions and its Applications
4	Subho Paul	IIT Roorkee	Residential Area Energy Management Using Demand Regulation and Storage Devices
5	Kuldip Nayak	IIT Kharagpur	Traveling Wave based Transmission Line Protection and Faulted Section Identification
6	Vaibhav Nougain	IIT Delhi	Identification and Location of Faults In DC Microgrids
7	Upasana Buragohain	IIT Delhi	Advanced Modeling of Grid-Connected DFIG-WTGs for Stability Studies
8	Bandi Ravi Kumar	IIT Kanpur	Phasor Domain Algorithms for High-Speed Protection of Power Networks
9	Nupur	IIT Guwahati	Ripple Minimization of Input and Inductor Currents in Coupled Inductor Single Input Dual Output DC-DC Converters
10	Bharath Krishna Attoti	IIT Delhi	Data-Driven Probabilistic Methods for Accounting Forecast Uncertainties in Power System Analysis and Optimization
11	Akash Kumar Mandal	IIT Delhi	Smart IoT-Enabled Monitoring and Control of Modern Power Grid Networks
12	Pawar Bandopant Bhimrao	IIT Kanpur	Stability Analysis and Enhanced Control for Inverter-Integrated Power Systems
13	Dwijasish Das	IIT Guwahati	Operation and Control of Smart Transformer Based Meshed Hybrid Microgrid
14	Rashmi Prasad	IIT Roorkee	Quantification, Analysis, and Assistance to System Inertia
15	Syed Bilal Qaiser Naqvi	IIT Delhi	Design, Development and Control of Multifunctional Solar Energy Conversion Systems and Battery Energy Storage Based Microgrid with Grid Supportive Features

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GIPSA 2024 : List of Awardees in Master Category

SN	NAME (Mr._Ms.)	INSTITUTE NAME	PROJECT TITLE
1	Aarthi V	NIT Warangal	Directional Protection and Fault location for Lines connected with Inverter based renewable resources
2	Matu Shree Kochar	NIT Raipur	AI Based Load Forecasting Model for Odisha and Maharashtra State
3	Kritika Barman	IIT Delhi	Reliability Planning for 2x25 kV Traction Power Supply System: Fault Severity and Contingency Analysis
4	Sarthak Dash	IIT Palakkad	Inverter Control Design and Modelling for Fault Behaviour and Power System Protection Analysis
5	Mayank Kumar	NIT Jamshedpur	Traction Inverter Design Using Energy Efficient Devices for EV application
6	Sugata Bhattacharya	IIT Delhi	Security Constrained Unit Commitment Problem with Energy Storage System and Demand Flexibility Constraints
7	Amlan Maity	IIT Delhi	Rate of Change of Frequency (RoCoF) in Power System: Estimation and Analysis
8	Tanay Ramesh Mistry	IIT Delhi	Solar PV Integration with Grid using High Gain Transformerless Inverter
9	Yash Vardhan Omar	IIT Gandhinagar	Optimal Power Procurement Strategy for Electricity Distribution Licensees: A Case Study
10	Faheem Haq	IIT Dharwad	Operational Flexibility Enhancement of Utility Grid Under High Renewable Penetration Using V2G: A Game Theoretic Approach
11	Praveen Sarma S	NIT Calicut	Investigations on Inertia Control Strategies of DFIG for Power System Frequency Regulation
12	Anuj Kumar Rao	IIT Mandi	Optimization of Wind Power Injection in Transmission Networks
13	Shubham Singh Rao	IIT Bombay	Impact of Electric Vehicle Integration on Protection system of Distribution Network
14	Arghya Mallick	IIT Kharagpur	Optimal Energy Management Frameworks for Microgrids and Active Distribution Network
15	Swarali Somnath Pujari	BIT Mesra Ranchi	Real Time Modelling and Testing of Power System Protection with its Reliability enhancement using Communication Protocol