

Schedule for IICPE-2023

Day 1: 28th Nov. 2023

Timings	Activity	Venue			
08:30 – 09:30 AM	Registration	Ground Floor, Deendayal Upadhyaya Convention Centre, DCRUST, Murthal			
09:30 – 10:45 AM	Tutorial-1 by Dr. Srinivas Bhaskar Chaganti	Hall No. 1			
10:45 – 11:00 AM	Tea Break	Ground Floor, Lobby Area			
11:00 – 12:00 Noon	Inaugural Function	Deendayal Upadhyaya Convention Centre, DCRUST, Murthal			
12:00 – 01:00 PM	Key Note address by Prof. Bhim Singh	Deendayal Upadhyaya Convention Centre, DCRUST, Murthal			
01:00 – 02:00 PM	Lunch	Ground Floor, Lobby Area			
02:00 – 03:30 PM	Technical Session-1	Hall 1	Hall 2	Hall 3	Hall 4
03:30 – 04:00PM	Tea Break	Ground Floor, Lobby Area			
04:00 – 05:30 PM	Technical Session-2	Hall 1	Hall 2	Hall 3	Hall 4
04.00 PM onward	Technical Session-2 (online)	CVR 113			

Day 2: 29th Nov. 2023

Timings	Activity	Venue			
08:30 – 09:30 AM	Registration	Ground Floor, Deendayal Upadhyaya Convention Centre, DCRUST, Murthal			
09:30 – 10:45 AM	Tutorial-3 by Prof. Sukumar Mishra	Hall No. 1			
10:45 – 11:00 AM	Tea Break	Ground Floor, Lobby Area			
11:00 – 12:30 Noon	Technical Session-3	Hall 1	Hall 2	Hall 3	Hall 4
12:30- 1.00 Noon	Industry Interaction Session (HIOKI)	Hall 1			
01:00 – 02:00 PM	Lunch	Ground Floor, Lobby Area			
02:00 – 03:30 PM	Technical Session-4	Hall 1	Hall 2	Hall 3	Hall 4
03:30 – 04:00 PM	Tea Break	Ground Floor, Lobby Area			
04:00 – 05:00 PM	Technical Session-5	Hall 1	Hall 2	Hall 3	Hall 4
05.00– 06.00PM	Valedictory Function	Hall 1			

Hall Nos. 1 - 4 are located in Deendayal Upadhyaya Convention Centre, DCRUST, Murthal

Paper Presentation Schedule
IICPE 2023

28.11.2023 (Day 1)	<i>Technical Session-1 (28.11.2023 / 02:00 PM – 03:30 PM)</i>			
	Hall No. 1	Hall No. 2	Hall No. 3	Hall No. 4
	1570949604	1570949363	1570936690	1570940650
	1570954007	1570951388	1570949387	1570946893
	1570955515	1570952158	1570955070	1570947904
	1570955801	1570955192	1570958469	1570953675
	1570954705	1570969909	1570955257	1570965583
	1570965636	1570966466	1570955745	1570954138
	<i>Technical Session-2 (28.11.2023 / 04:00 PM – 05:30 PM)</i>			
	Hall No. 1	Hall No. 2	Hall No. 3	Hall No. 4
	1570959026	1570958973	1570958471	1570954257
	1570959160	1570962444	1570959443	1570954857
	1570960026	1570964068	1570960726	1570955111
	1570953702	1570965021	1570965421	1570951391
	1570965683	1570965564	1570961181	1570957051
	1570970856	1570959919	1570970503	1570940819
	<i>Technical Session-2 Online (28.11.2023 / 04:00 PM – 05:30 PM) CVR-113</i>			
	1570954979	1570952696	1570971354	1570959868
	1570949435	1570960056	1570954498	1570970615
	1570960244	1570954710		
29.11.2023 (Day 2)	<i>Technical Session-3 (29.11.2023 / 11:00 AM – 12:30 PM)</i>			
	Hall No. 1	Hall No. 2	Hall No. 3	Hall No. 4
	1570968926	1570965546	1570963221	1570955857
	1570965369	1570965672	1570965648	1570957925
	1570970452	1570948298	1570963079	1570958176
	1570970615	1570952462	1570965836	1570959448
	1570972174	1570953112	1570954850	1570959705
	1570970603	1570953504	1570959537	1570959861
	<i>Technical Session-4 (29.11.2023 / 02:00 PM – 03:30 PM)</i>			
	Hall No. 1	Hall No. 2	Hall No. 3	Hall No. 4
	1570970661	1570965906	1570966898	1570958682
	1570970881	1570970321	1570966978	1570965397
	1570958974	1570970584	1570969115	1570954072
	1570959832	1570970600	1570969614	1570965763
	1570965649	1570971239	1570970373	1570965795
	1570954398	1570959220	1570965607	1570970576
	<i>Technical Session-5 (29.11.2023 / 04:00 PM – 05:00 PM)</i>			
	Hall No. 1	Hall No. 2	Hall No. 3	
	1570959452	1570939093	1570955393	
	1570959721	1570969866	1570959669	
	1570959996	1570958565	1570965759	
	1570961265	1570954988		

DETAILED PAPER SCHEDULE

Technical Session-1 28.11.2023 2:00PM-3:30PM		
Hall No. 1	Session Chair : Prof. Subrata Mukhopadhyay	Session Co-Chair: Prof. Anil Kumar
Paper ID	Paper Title	Authors
1570949604	A Novel Beluga Whale Optimization and Loss Sensitivity Factor Method for Optimal Capacitors Placement in Radial Distribution Systems	Irfan Rao; Vibhuti Rehalia
1570954007	EV and RE Uncertainty Analysis in Microgrids	Mohit Kumar; Deepesh Sharma
1570954705	Parallel Distributed Energy Generation Based Microgrid Incorporating Reactive Power Sharing and Grid Synchronisation Capability	Kripa Tiwari; Bhim Singh
1570955515	Exploring the Interrelationship of Communication Networks and Human Operators in Power Grid Cascading Failures Through an Integrated Modeling Framework	Sreenivas S; Murali R Babu
1570955801	Optimizing the Design of Permanent Magnet Halbach Array BLDC Motor for 35W Fan Using FEA Analysis	Rajendra Kumar; Lini Mathew
1570965636	Sensorless Control of High Voltage PMSM Drive With Bidirectional Converter for EV Application	Sumit Kumar; Bhim Singh

Technical Session-1 28.11.2023 2:00PM-3:30PM		
Hall No. 2	Session Chair : Prof. Bhim Singh	Session Co-chair: Prof. Naresh Kumar
Paper ID	Paper Title	Authors
1570949363	Study of Various Power Converter Topologies in a Common Platform	Tapas Halder
1570951388	Different Power Quality Indices in the Electricity Services	Tapas Halder
1570952158	Stability Analysis of Heffron-Phillips SMIB Model With Integrated Power System Stabilizer and Effect of Time Delay	Divakant Garg; Vishal Rohela; Gaurav Jain; Bhuvnesh Rathor
1570955192	Performance Analysis of Interleaved ZETA Converter Used for EV Charger	Mulchand H. Ayalani; Saurabh N Pandya
1570969909	Single Stage Isolated AC/DC LLC Resonant Power Conversion Stage With Reduced Current/Voltage Stress for Light EV Charger	Saran Chaurasiya; Bhim Singh
1570966466	CHB-STATCOM Implemented With an Improved Virtual Synchronous Machine Controller With Adaptive Virtual Inertia	Smita Mohanty; Anandarup Das; Bhim Singh

Technical Session-1 28.11.2023 2:00PM-3:30PM		
Hall No. 3	Session Chair : Prof. Rachna Garg	Session Co-chair: Prof. Deepesh Sharma
Paper ID	Paper Title	Authors
1570936690	Analysis and Modeling of Induction Motor With Advanced Capacitor Braking Using Adaptive Neural Network	Ashutosh Gupta; Dheeraj Joshi
1570949387	Improved Performance of a Neutral Point Clamp (NPC) Five -Level-Inverter	Tapas Halder
1570955070	Advancement and Prospects of FACTS Devices in Enhancing India's Power System Stability and Reliability	Mohit Mohit; Rajneesh Pawar
1570958469	Implementation of Lyapunov Function-Based Hybrid Controller in Semi-Quadratic Buck-Boost Converter	Preeti Sharma; Rajneesh Kumar; Sara Hassanpour
1570955257	Bridgeless Hybrid Converter Fed Switched Reluctance Motor for Household Appliances	Vipin Kumar Singh; Bhim Singh
1570955745	Power Management and Control for a Subsea Cable Tied Floating Solar PV-Battery Based Distributed Generation System for Remote Islands	Subhadip Chakraborty; Gaurav Modi; Bhim Singh; Bijaya Ketan Panigrahi

Technical Session-1 28.11.2023 2:00PM-3:30PM		
Hall No. 4	Session Chair : Dr. Prerna Gaur	Session Co-Chair: Rohtash Dhiman
Paper ID	Paper Title	Authors
1570940650	Solar Power Forecasting Using Machine Learning Approaches: A Review	Manish Kumar Saini; Rajnish Mitter; Sumit Saroha
1570946893	Re-Evaluation of the Conventional and AI-Based MPPT Techniques in PVP Systems in Indian Scenario	Vikash Tiwari; Deepesh Sharma
1570947904	Power Losses Reduction in Distribution System Using PSO Algorithm	Lokendra Kumar; Ravi Lathwal
1570953675	Recurrent Neural Network for Chaotic Wind Speed Time Series Prediction	Muskaan Ahuja; Sanju Saini
1570965583	Single Stage 3P4W for Grid Interfaced Solar PV System	Abhishek Kumar; Seema Kewat; Bhim Singh; Rashmi Agarwal
1570954138	Power Quality Enhancement of Synchronous Reluctance Generator Based Standalone Distributed System Utilizing Universal Active Filter	Chandrakala Devi Sanjenbam; Bhim Singh

Technical Session-2 28.11.2023 4:00PM-5:30PM		
Hall No: 1	Session Chair: Prof. Subrata Mukhopadhyay	Session Co-Chair: Prof. Anil Kumar
Paper ID	Paper Title	Authors
1570959026	The Novel Protocol Uses Low Computational Complexity to Authenticate Edge Devices on Smart Grid Systems	Prakash Kuppuswamy; Saeed Q. Al-Khalidi Al-Maliki; Purushottam Kumar; Ahmed Ali Shaikmeeran; Sonia Sonia; Vijaya Varshini
1570959160	Fault Detection Analysis of Active Distribution Network Based on Rate of Change of Frequency Using RTDS and PMUs	Md Fazle Rasool; Mohammad Anas; Ikbali Ali; Sunil Kumar
1570960026	GAT-DNet: High Fidelity Graph Attention Network for Distribution Optimal Power Flow Pursuit	Dinesh Kumar Mahto; Vikash KumarSaini; Akhilesh Mathur; Rajesh Kumar; Rupesh Yadav
1570959026	The Novel Protocol Uses Low Computational Complexity to Authenticate Edge Devices on Smart Grid Systems	Prakash Kuppuswamy; Saeed Q. Al-Khalidi Al-Maliki; Purushottam Kumar; Ahmed Ali Shaikmeeran; Sonia Sonia; Vijaya Varshini
1570953702	Analysing the Design and Performance of a Controller for AGC in Multi-Source Systems Using Cuckoo Search Optimization	Kanika Wadhwa; Sushil Gupta
1570965683	Adaptive Non-Linear Observer Based Current-Sensorless Operation of Series-Stacked Buffer	Muhammad Zarkab Farooqi; Bhim Singh; Bijaya Ketan Panigrahi
1570970856	Mechanical Position Sensor-Less Torque Control of SRM With Reduced Current Sensors	Farha Siddique; Bhim Singh

Technical Session-2 28.11.2023 4:00PM-5:30PM		
Hall No: 2	Session Chair : Prof. Bhim Singh	Session Co-chair: Prof. Naresh Kumar
Paper ID	Paper Title	Authors
1570959919	Performance Assessment of 17-Level Converter With New Level Generation Unit for Large-Scale Solar Plant in Environmental Variations	Shivam Kumar Yadav; Bhim Singh
1570962444	High Gain Quadratic Boost-Cuk Converter Based on Switched Capacitor for Fuel Cell Vehicle	Rajat Singh; Ramesh Kumar Tripathi
1570964068	Comparative Analysis of Boost, Cuk and Zeta PFC Converters in Continuous Current Mode	Ruchendra Purohit; Vikas Bhalla
1570965021	Comprehensive Study of Optical Float-Zone Grown Gallium Oxide Schottky Barrier Diode	Jyotiranjana Sahoo; P Vijayakumar; Taha Saquib; M Suganya; S Ganesamoorthy; Rangarajan Muralidharan; Digbijoy Nath
1570965564	An Adaptive Resonant Estimator Assisted Closed Loop Observer for Speed Sensor-Less Control of Syn-Rel Motor for Electric Vehicles	Saurabh Mishra; Bhim Singh
1570958973	Sub-Synchronous Resonance Mitigation in Series-Compensated Power Systems Using a GWO-Based Optimal Controller	Sangeeta Bamba; Sushil Gupta

Technical session-2 28.11.2023 4:00PM-5:30PM		
Hall No: 3	Session Chair : Dr Vivek Shrivastava	Session Co-Chair : Prof. Deepesh Sharma
Paper ID	Paper Title	Authors
1570958471	Designing a Fuzzy Logic Controller for SoftSwitched Quadratic Boost Converter	Preeti Sharma
1570959443	Accurate Motor Current Sensing for Fine Torque Control of Actuators in Robotic Arms	Midhun K V; Sreejith S
1570960726	Stability Analysis and Optimization of a Parasitic Buck Converter Using Leverrier's Algorithm and PI Controller	Tanay Gupta; Ashutosh Gupta; Dheeraj Joshi; M A Mallick
1570961181	Implementation and Operation of Hybrid Multilevel and Multipulse Power Converter for High-Performance of Induction Motor Drives	Rohit Kumar; Bhim Singh
1570965421	Induction Motor Performance Improvement Through SPRS Using Multilevel Inverter	Sachin Sharma; Sita Ram Bhardwaj; Om Parkash Rahi
1570970503	Fast Transient Recovery of Common DC Bus Architecture With Large Signal Based Tuning Approach	Himansu Sahoo; Santanu Kapat; Bhim Singh

Technical Session-2 28.11.2023 4:00PM-5:30PM		
Hall No: 4	Session Chair : Prof. Rajesh Gupta	Session Co-Chair : Prof. Rohtash Dhiman
Paper ID	Paper Title	Authors
1570954257	Supervisory Control of an Inverter-Based Microgrid Using PSO Algorithm	Minaxi Chahal; Garima Tiwari; Sanju Saini
1570954857	A Self-Reliant 3P4W Grid-Interfaced, Single-Stage, PVEG-BES System With DSTATCOM Capabilities	Ritesh Gupta; Sumit GhatakChoudhuri
1570955111	Enhancing Microgrid Resilience Planning Through Optimized Demand Response	Deepak Kumar; Anil Kumar
1570951391	KAMMA Gear Flywheel Hybrid Perpetual Mechanical Battery	Srinivas Bhaskar Chaganti, Sr
1570957051	A Novel Power Flow Control Scheme of Grid-Battery Integrated Induction Motor Driven E-Mobility Charger	Ranen Sen
1570940819	A Combined Simulink Model of Hybrid System Using SMES, TCSC Tuned Using Cuckoo Search	Sunil Kumar; Sushil Gupta

Technical Session-2 (Online) 28.11.2023 04:00PM-onwards		
CVR113	Session Chair : Prof. S. K. Gupta	Session Co-Chair: Manish Saini
Paper ID	Paper Title	Authors
1570954979	Analysis of Power Modulations in Resonant Dual Active Bridge DC-DC Converter	Nivedika Kher; Kamaldeep Boora; Vikram Kumar
1570949435	Design and Performance Analysis of Type-II and Type-III Controllers for Buck Converter	Shubham Chib; Sanjeev Anand; Kamaldeep Boora
1570952696	A Dual Primary Side FB DC-DC Converter With Variable Frequency Phase Shift Control Strategy for On/Off Board EV Charging Applications	Rajanand Patnaik Narasipuram; Subbarao Mopidevi
1570960056	A New Dual-Adaptive Inertia Strategy Controller Based UPQC to Improve the Power Quality of Hybrid Renewable Energy System Connected to Grid	Siva Kumar Chenumalla; Mallesham Gaddam
1570971354	A Blockchain Enabled Auction and Peer-To-Peer Energy Trading System in a Local Energy Market	Saurabh Sachdeva; Sumaiah Khanom; Tarek Saadawi
1570954498	Development of Discrete Optimized Periodic Output Feedback Controller for Grid Connected AC Microgrid	Amit Arora; Mahendra Bhadu; Arvind Kumar
1570959868	Modelling and Analysis of Tri-State Boost Converter for Solar PV Applications	Lakshmanan S Arunagiri
1570960244	An Autonomous AC Microgrid Controlled by Active Disturbance Rejection Control in a Master-Slave Strategy	Mohannad Nasir; Ramesh Bansal; Mohammad S Suleiman
1570954710	Adaptive Control Strategy for Rapid Charging of Electric Vehicle Battery Pack	Ravish Yadav; Munish Manas; Rajesh Kumar Dubey

Technical Session-3 29.11.2023 11:00AM-12:30PM		
Hall No: 1	Session Chair : Prof. Subrata Mukhopadhyay	Session Co-Chair: Prof. Anil Kumar
Paper ID	Paper Title	Authors
1570968926	An Adaptive DOCR Coordination for Microgrid Protection Using JAYA Optimization	Naveen Kumar
1570965369	Single Solution for Control and Synchronization of Inverters in Microgrids	Sameer Bhambri; Manoj Kumawat; Vivek Shrivastava
1570970452	Simplified Second-Order Robust Double-Integral Sliding Mode Control of a Synchronous Cuk Converter Using a Modified Equivalent Control Law	Akshay Chabukswar; Rupesh Wandhare
1570970615	A Reactive Power Controller for a Two-Stage Transformerless PV Grid System by Employing Virtual Inertia Control	Anjana Saikia; Santanu Sharma
1570972174	An Intelligent Composite Controller for Alleviating Chaotic Oscillations in Power Systems	Sheetal Singh; Sanju Saini
1570970603	Optimum Torque Operation of a Hybrid Cascaded Multilevel Converter-Fed Electric Vehicle Motor Drive	Poosarla Venkata Sai Sandeep; Akshay Chabukswar; Praveen Vankadari; Rupesh Wandhare; Ravikumar Bhimasingu

Technical Session-3 29.11.2023 11:00AM-12:30PM		
Hall No: 2	Session Chair : Prof. Rajesh Gupta	Session Co-Chair: Prof. Naresh Kumar
Paper ID	Paper Title	Authors
1570965546	Design and Analysis of Dual Switch-Based Two Quadrant Bi-Polar DC-DC Converter	Satish Kumar Paturi; Veerachary Mummadi
1570965672	Selection of the Power MOSFET in the Zeta Converter Topology	Tapas Halder
1570948298	Impact of Electric Vehicle on Distribution System: A Review	Lokendra Kumar; Ravi Lathwal
1570952462	Hardware Implementation of Interleaved DC-DC Buck Converter for Li-Ion Battery Charging	Subhash Kumar Ram; Sachin Devassy; Brijendra Kumar Verma; Sukumar Mishra
1570953112	A Multi - Output Diverse Voltage Simultaneous Battery Charging Converter System for Electric Vehicle Battery Charging	Sudarshan Belakavadi Srinath; Arunkumar G; Santoshkumar M. Hunachal
1570953504	Single-Stage, Improved Power Quality Converter for Electric Vehicle Battery Charging Applications	Balaram Jena; Sumit GhatakChoudhuri

Technical Session-3 29.11.2023 11:00AM-12:30PM		
Hall No: 3	Session Chair : Dr. Arvind Gupta	Session Co-chair : Prof. Deepesh Sharma
Paper ID	Paper Title	Authors
1570963079	Design Development and Analysis of 3-DOF Robotic Arm	Ashok Kumar Saini; Naveen Gehlot; Ankit Vijayvargiya; Rajesh Kumar; Desai Usha
1570963221	Advanced Floating Point PID Controller for Cryo-Cooler Temperature Control in Infra-Red Payloads	Mohammad Waris; Manish Kumar Dwivedi; Nitin Upadhyay; Hanuman Prasad Yendluri
1570965836	Design & Analysis of Self Tuning Filter for Phase Locked Loop Under Weak Grid Conditions	Anurag Kumar Kumar; Ankita Arora; Madhusudan Singh
1570965648	Evaluation of Circuit Breaker Capability for Re-Ignition Free Operation of 400kV Shunt Reactor and 765kV Shunt Reactor With NGR Using Controlled Switching Device	Ajay Pathania; Urmil Parikh
1570954850	Design of Symmetrical Multilevel Inverter Topology With Reduced Number of Switches	Akhil Gummadavelli; Ramesh Babu Veligatla
1570959537	Sensor-Less Field Oriented Control of PMSM for EV Applications	Kaushik K Ghume

Technical Session-3 29.11.2023 11:00AM-12:30PM		
Hall No: 4	Session Chair : Dr. Tapas Haldhar	Session Co-Chair : Prof. Ravi Lathwal
Paper ID	Paper Title	Authors
1570955857	Data Decomposition Strategy to Improve Solar Forecasting Accuracy	Pardeep Singla; Vikas Kaushik; Manoj Duhan; Sumit Saroha
1570957925	Comparative Analysis of Boost Converter Based PLL for Single Phase Grid Connected Solar PV	Sumit Saroha; Ashish Jaglan; Abhishek Panchal; Pardeep Singla
1570958176	Performance Study on A Small-Scale Solar and Wind Based DC Microgrid	Gummala Babu; Sandeep Vuddanti
1570959448	Comparative Study of Customizable Neural Network Models for Solar Irradiance Forecasting	Manvi Mishra; Priya Mahajan; Rachana Garg
1570959705	A Hybrid Solid State Circuit Breaker for DC System Using Coupled Inductor	Shubham Shaswat; Saumendra Sarangi; Rajesh Gupta
1570959861	Robust Power Frequency Control for Pumped Storage Hydropower Station	Tarun Kumar Swain

Technical Session-4 29.11.2020 02:00PM-03:30PM		
Hall No: 1	Session Chair : Prof. Subrata Mukhopadhyay	Session Co-Chair: Prof. Anil Kumar
Paper ID	Paper Title	Authors
1570970661	Structural Analysis and Determination of Critical Speed of a 10,000 RPM Switched Reluctance Machine Rotor	Ashutosh Patel; Kamiseti N V Prasad; Vijay Biradar; Pramod Kumar; Gopalaratnam Narayanan
1570970881	Fuzzy Logic-Enhanced EV Battery Charging Station: Integration of Solar PV, SEPIC and Buck Converter With MPPT-Based CC-CV Charging	Agrima Chandra; Perna Gaur; Anuradha Tomar
1570959832	Efficient Control System Design of Isolated Bidirectional DC/DC Series Resonant Converter in Traction Application	Sandeep Kumar Chowdhury
1570965649	Decoupled Control of Single-Input Double-Output Boost-Flyback Converter	Somesh Krishna Thanvi; Aditya R. Gautam; Dheerendra Singh
1570954398	3 C, 4 C Topology for Wireless Electric Vehicle Charging	Sampan Rajput; Pramod Agarwal
1570958974	Performance Analysis of 3-Phase Active Front End PWM Rectifier for Air-Core Two-Coil WPT System Configuration	Anurag Singh; Gaurav Yadav; Mukhtiar Singh

Technical Session-4 29.11.2023 02:00PM-03:30PM		
Hall No: 2	Session Chair : Prof. Mukhtiar Singh	Session Co-chair: Prof. Naresh Kumar
Paper ID	Paper Title	Authors
1570965906	Enhancement of Power Transfer in Wireless Power Transfer Applications Using Active Power Source	Rajesh Gupta; Yash Gautam; Yash Garg; Pushpesh Lodiwal
1570970321	Three Phase Charging System Using Grid to Vehicle and Vehicle to Grid Technology	Minakshi Singh; Alok Prakash Mittal; Ankit Kumar Singh
1570970584	Development of Solar-Powered EV Charging Station With Energy Management System	Manasi Pattnaik; Manoj Badoni; Lokesh Varshney; Anant Gupta
1570970600	Improved Power Quality for On-Board EV Charger With a Cascaded Dual-Active Bridge Power Factor Correction Unit	Jaydeep Sanjay Kukde; Praveen Vankadari; Ganesh Bandam; Akurathi Sai Sarath Chandra; Rupesh Wandhare; Ravikumar Bhimasingu
1570971239	Vehicle-To-Grid Technologies Resolving Micro-Grid Power Intermittencies Issues	Arun Kumar Maurya
1570959220	Parameter Estimation of Li-Ion Battery Based on Equivalent Circuit Modelling	Sachinkumar Rameshbhai Patel; Sushant Khade

Technical Session-4 29.11.2023 02:00PM-03:30PM		
Hall No: 3	Session Chair : Prof. Alka Singh	Session Co-Chair : Prof. Deepesh Sharma
Paper ID	Paper Title	Authors
1570966898	Improved Oscillation Damping of an AC Microgrid With Filter-Based Power Oscillation Damping Controller	Amit Arora; Mahendra Bhadu
1570966978	Modified LMS/F Algorithm for Power Quality Improvement in Grid Connected PV System	Priya Rai; Alka Singh; Rachana Garg
1570969115	Optimal DGs Allocation for Maximizing Operational Benefits in Unbundled Electric Distribution System	Shubham Gupta; V. Yadav; Madhusudan Singh
1570969614	Mitigating Congestion Problems Using GR and 20 MW Wind Turbine Utilizing JAYA Optimization	Anurag Gautam; Ibraheem Dr; Gulshan Sharma; Mohammad F Ahmer
1570970373	Incremental Conductance-Based MPPT for Photovoltaic Systems Utilizing PI Controller	Nishant Thakur; Om Parkash Rahi; Chandrasekaran S
1570965607	Solar PV Array Based Grid-Connected Bi-Directional EV Charger Controlled Using NARLMMN Algorithm	Sudhanshu Mittal; Alka Singh; Prakash Chittora

Technical Session-4 29.11.2023 02:00PM-03:30PM		
Hall No: 4	Session Chair : Dr. Sanju Saini	Session Co-chair : Rohtash Dhiman
Paper ID	Paper Title	Authors
1570958682	Comparative Analysis of Fault Classification in Hybrid Microgrid Using Different Machine Learning Algorithms	Nirma Peter; Pankaj Gupta; Nidhi Goel
1570965397	Comparative Analysis of ANFIS and PI-Based Control of DFIG for Wind Power Generation With Grid-Integration	Suryansh Kumar Pandey; Kushal Verma; Shailendra Kumar; Prashant Agnihotri
1570954072	Environmental Emission Based Multi-Objective Economic Dispatch Scheduling With Demand Flexibility in Micro-Grid	Naveen Kumar; Surender Dahiya; Krishna Pal Singh Parmar
1570965763	Interleaved Boost Converter Based Solar PV Power Based Distributed Battery Charging	Ajeet Kumar Rawat; Rajesh Gupta
1570965795	Operation Strategies and Energy Market Structure for Hybrid Microgrid Using Intelligent Techniques	Kapil Gandhi; Sushil Gupta
1570970576	Modular Battery Balancing and Power Flow Management Using Isolated Multi-Port DC-DC Converter With Active Power Sharing Control	Praveen Vankadari; Akurathi Sai Sarath Chandra; Poosarla Venkata Sai Sandeep; Jaydeep Sanjay Kukde; Rupesh Wandhare

Technical Session-5 29.11.2023 4:00PM-5:00PM		
Hall No: 1	Session Chair : Prof. A. K. Singh	Session Co-Chair: Prof. Anil Kumar
Paper ID	Paper Title	Authors
1570959452	A New Approach to the Optimization Based BEMS for the Demand Response of a Green Building Using Energy Storage System	Sagar Sagar; Poonam Singhal
1570959721	Voltage and Frequency Control of Distributed Generation Using Battery Energy Storage System	Ruchika Mittal; Dinesh Jain
1570959996	Model Validation of Hybrid System for Power Enhancement Using Bidirectional Power Flow	Kuldeep Singh Rathore; Sundeep Singh Saini; Kamal Sharma
1570961265	Techno-Economic Analysis of Energy Hub Integrated With Energy Storage System	Priyanka Hooda; Prem Prakash Yadav

Technical Session-5 29.11.2023 04:00PM-05:00PM		
Hall No: 2	Session Chair : Prof. Mainish Saini	Session Co-chair: Prof. Naresh Kumar
Paper ID	Paper Title	Authors
1570939093	A Comparative Analysis of Online Prognosis of State of Charge of Lithium-Ion Battery	Manish Kumar Saini; Gaurav Malik
1570969866	Automated Detection and Classification of Defects in PCB Using Deep Learning Techniques: A Comparison of ResNet50v1 and EfficientDet D1	Sachin Sharma; Dhruv Patel; Dharmesh Shah
1570958565	A Real-Time Prognosis of State of Charge and State of Health of Remote Lithium-Ion Battery on IoT Cloud	Manish Kumar Saini; Gaurav Malik
1570954988	Estimation of State of Health of Li-Ion Batteries Using Data Driven Techniques	Brijendra Kumar Verma; Sarvesh Bhagtani; Subhash Kumar Ram; Anand Abhishek; Devansh Khanna

Technical Session-5 29.11.2023 04:00PM-05:00PM		
Hall No: 3	Session Chair : Prof. Amita Malik	Session Co-chair : Dr. Rani Lathwal
Paper ID	Paper Title	Authors
1570955393	A Novel Approach for Fault Location in Distribution Systems Based on Bayesian Optimised CNN-SVM	Garima Tiwari; Minaxi Chahal; Sanju Saini
1570959669	ML - Based Fault Detection Strategies for Power Electronics	Aarushi Jain; Rani Lathwal
1570965759	Li-Ion Battery State of Health Assessment Using Machine Learning	Krishna Kumar Mishra; Amit Kumar Singh

