

Technical Program Schedule ICPEICES 2016 Track 1

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 1: Senate Hall

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570257839	A Comparison Study of Z- Source inverter and Y Source inverter Topologies with Different Types of controlling Techniques	Himanshu Sharma; Anandita Chowdhury; Sumit Bagade
2	1570257805	Power Flow Analysis in a Multi-Area Interconnected Grid by Power Fraction Approach	Divya M; Pragati Gupta
3	1570274645	Modified Switched Boost Inverter with reduced Voltage Stress across the Switch	Vadthya Jagan; Sharmili Das Das
4	1570274737	An Improved Control Scheme for Interleaved Flyback Converter Based Micro-Inverter to Achieve High Efficiency	Tirthasarathi Lodh; Nataraj Pragallapati; Vivek Agarwal
5	1570274530	Implementation of SPWM Technique for 3- Φ VSI using STM32F4 Discovery Board Interfaced with MATLAB	Mayur Gojiya; Krunal Rao; Divyesh Vaghela

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 2: Smart Classroom I

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270145	LabVIEW based Harmonic Analysis of a Single phase system	Sorokhaibam Nilakanta Meitei
2	1570270367	GA Based Hybrid Selective Harmonic Elimination (SHE) Technique Applied to Five-Level Nested Neutral Point Clamped (NNPC) Converter	Keval Neralwar; Prafullachandra Meshram; Vijay Borghate
3	1570270381	Harmonic Source Identification with Optimal Placement of PMUs	Anupam Dixit
4	1570270795	Investigation of Harmonics and Watt Loss of Capacitors Bank	Sagar Mahajan; Aditi Terkar; Hemangi Baxi; S. Pawar; Rahul Deshpande
5	1570274567	Harmonics and Decaying DC Estimation Using Volterra LMS/F Algorithm	Harish Kumar Sahoo
6	1570258246	Modelling and Simulation of Transmission Line to Detect Single Line to Ground Fault Location	Sachin Tajane; Amol Birajdar

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 3: Smart Classroom II

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257677	Modeling and Control of a Battery Connected Standalone Photovoltaic System	Priyabrata Shaw; Pradeep Kumar Sahu
2	1570258275	Design of an optimized Battery Energy Storage enabled Solar PV Pump for Rural Irrigation	Ankur Bhattacharjee; Dipak Mandal; Hiranmay Saha
3	1570270300	PV-Battery System For Smart Green Building Using Transformer Coupled Dc-Dc Converter	Nithyasree Balakrishnan

4	1570270743	A Five -level PWM Inverter for Hybrid PV/Fuel Cell/Battery Standalone power System	Prashant Singh
5	1570274565	Solar PV-Battery Based Hybrid Water Pumping System Using BLDC Motor Drive	Rajan Kumar; Bhim Singh

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 4: Exposition Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257319	Integration of Two-Diode model photovoltaic cell and wind energy system with better efficiency	Ankit Bhardwaj; Sachin Mishra; Amit Singh
2	1570258223	GA-Lookup Table Based Firing Angle Optimization Method for a PV Connected CHB-MLI	Aeidapu Mahesh; Pratibha Singh
3	1570258383	Multiport Switch based MPPT for stand-alone Photovoltaic Power Systems	Prakash Kaipakam; Veju Pradeep
4	1570269951	A TLBO Optimized Photovoltaic Fed DSTATCOM For Power Quality Improvement	Pravat Ray
5	1570270400	New Optimization Criteria for Load Frequency Control of Power System	Nikhil Pathak; Ashu Verma; Trilochen Bhatti
6	1570270496	Dynamic and Compact Control of PV Standalone System	Pratik Kadam; Gopal Lahoti; Urmi Shah

Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 1: Senate Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570246817	SEPIC PFC Converter Fed LED Driver	Aman Jha; Bhim Singh
2	1570250997	Integration of Single-Stage SPV Generation to Three-Phase Distribution Grid Using a Variable Step Size LMS Control Technique	Rahul Agarwal; Ikhlq Hussain; Bhim Singh
3	1570254682	FPGA Based Sinusoidal Pulse Width Modulated Frequency Converter	Anshul Agarwal; Vineeta Agarwal; Irfan Ahmad Khan
4	1570257792	Simulation of 40 kVA, 50 Hz and 400 Hz Dual Frequency Output Power Converter Using Double Converter	Akshata Supekar; Kirtibala Rathod; Pradeep Kurulkar; Himanshu Gupta
5	1570258119	Analysis of Boost Converter with Input Source Power Conditioning	Shantanu Kumar Sharma; Vivek Srivastava; Dheeraj Kumar Palwalia
6	1570249335	Grid Integration of Single Stage SPV System Using Three-Level Flying Capacitor VSC	Maulik Kandpal; Ikhlq Hussain; Bhim Singh
7	1570270356	Comparative Analysis of Three Phase AC-AC Z-Source Converter Topologies	Punit Kumar
8	1570270639	Design of series, $F_i = F_{i-1} + F_{i-3}$ for the denominators (1, 2, .. 6) of switched capacitor converter	Vivekanandan Subburaj; Debashisha Jena; Bikash Nayak; Akshay Deshmukh; Himnshu Bansal; Ranjeet Kumar
9	1570274582	Universal Bus Digitally Controlled Front End Damped PFC Cuk Converter as LED Drivers	Ashima Kulshreshtha; Anmol Ratna Saxena; Praveen Bansal

10	1570275644	Battery Supported PV Module Integrated Cascaded High Gain Boost Converter for Telecom Tower Power Supply	Vishal Verma; Vandana Arora
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Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 2: Smart Classroom I

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257752	Voltage Stability Assessment in Radial Distribution System by Line Stability Indicator (LSI) and Its Improvement using SVC	Kabir Chakraborty; Gagari Deb; Sumita Deb
2	1570257953	Power Loss Reduction of 11 kV Feeder Using Capacitors Banks To Distribution Transformers:A Case Study	Vipin Mishra; Mahaveer Prasad Sharma; Bhavesh Vyas; Sheesh Ram Ola
3	1570257998	A Case Study for Loss Reduction in Distribution Network Using Shunt Capacitors	Satish Saini; Mahaveer Prasad Sharma; Bhavesh Vyas; Manoj Gupta
4	1570258171	Voltage Stability Study on Radial Distribution System Incorporating Induction Motor Loads	Akshay Anantharaman; Divya Singh; Raja Pitchaimuthu
5	1570265091	Distribution Transformer Monitoring for Smart Grid in India	Sanjeev Aggarwal; Jaswinder Singh
6	1570268217	Review on Volt/VAr Optimization and Control in Electric Distribution System	Saran Satsangi; Ganesh Kumbhar
7	1570258101	A Hybrid Capacitor with an Innovative Double layer Electrode	Seema Mathew
8	1570258128	Reduce Day-time Domestic Energy Demand by Synchronization of RES with Shunt APF	Pradeep Anjana; Nitin Gupta; Vikas Gupta; Harpal Tiwari
9	1570258049	Design and Development of Tilted Single Axis and Azimuth-Altitude Dual Axis Solar Tracking Systems	Shashwati Ray
10	1570258092	Procedures for testing control and protection scheme based on GOOSE messages - methodology and constraints from engineering perspective	Vivek Singh; Chandra prakash Awasthi; A s Thoke

Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 3: Smart Classroom II

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257173	Design, Simulation and Sensitivity Analysis of an Off-grid Hybrid System Based on Renewable Energies for a Rural Area in Iran	Mehrnaz Ghorbanzadeh
2	1570257318	Analysis of Doubly Fed Induction Generator interconnected with grid under Normal and Abnormal condition	Gunwanta Junghare; Prashant Debre; Akshay Kadu
3	1570257356	Performance Enhancement of Mineral Insulating oil with Synthetic Ester as an additive	Mohan Rao; Yog Raj Sood; Raj Kumar Jarial
4	1570258200	FPGA Based Coordinated Controller for Hybrid Power Systems	Venkata M; Avinash B
5	1570258232	DC-OPF based Allocation of Wheeling Prices for Varying contribution of Producers and customers	Abhishek Saxena

6	1570257835	Feasibility Analysis for Optimal Placement of SFCL in a Loop Network: A Case study	Akashna Jain, Vivek Dubey, Girish Jawale; Harivittal Mangalvedekar; Krishna Kankar
7	1570258152	Investigation into Electrode Material Loading Aspects of Hybrid Capacitor	Krishna Priya; Indu Dwivedi; Biswajita Panda; Aditya Singh; Parashuram Karandikar
8	1570257955	Reactive Power Compensation and Power Factor Improvement using Fast Active Switching Technique	Rahul K. Garg; Nitin Gupta; Soumyadeep Ray
9	1570257962	Modelling and Simulation of Impact of SVC on Distance Protection of EHV Transmission Line	K Sujit Achary; Sabyasachi Behera; Raja Pitchaimuthu
10	1570257995	Performance Analysis of Automatic Generation Controller using Deviation Settlement Mechanism	Vilina Pai; Manju Gupta

Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 1: Senate Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570256125	Investigation of STATCOM performance with different participation of dynamic and static load in Isolated Hybrid Power System	Nitin Saxena; Ashwani Sharma
2	1570257350	Upfc FACTS devices in power system to improve the voltage profile and enhancement of power transfer loadability	Mithilesh Singh; Shubhrata Gupta
3	1570260271	Balanced Voltage Sag & Swell Compensation by Using Dynamic Voltage Restorer	Rajender Reddy; P v Prasad; G n Srinivas
4	1570264199	Series Voltage Injection Strategy for Reactive Power Compensation of HVDC Rectifier Station	Kishan Darji; Falguni Bhavsar
5	1570269767	A Novel Dynamic Voltage Regulator Based Upon AC Chopper Converter Topology	Shefali Parmar; Deepali Yadav
6	1570270330	Analysis of Distance Protection Performance for Line Employing UPFC	Nisha Deshmukh; Amandeep Bedi; Nita R Patne
7	1570270575	Dynamic performance of cascade multilevel inverter based STATCOM	Hemant Gupta
8	1570270936	Modeling, Design and Comparison of PI and PID Controllers for Static Synchronous Compensator(STATCOM)	Meera Murali; Ekta Sharma; Amit Pandey; Archana Gokhale
9	1570274393	Reduced rating DSTATCOM for 3P4W distribution system	Suresh Dhanavath; Dharavath Mohan Rao; Durga G
10	1570274617	Hybrid 3P4W DSTATCOM for three phase four wire distribution system	Suresh Dhanavath; Dharavath Mohan Rao; Durga G
11	1570274774	Implementation of UPQC for Three Phase Three Wire System	Janardhana Kotturu
12	1570274795	Mitigation of Voltage Sag/Swell, and Harmonics Using Self-Supported DVR	Amit Kumar; Nidhi Pal; M A Ansari
13	1570276089	Allocation of DSTATCOM and DG in Distribution Systems to Reduce Power Loss using ESM Algorithm	Joseph Sanam
14	1570252463	A review of power management and stability issues in microgrid	Sanjit Kumar Kaper; Niraj Choudhary

15	1570252880	Simulation and Experimental Study of Single Phase PWM AC/DC Converter for Microgrid Application	Gundabathini Rakesh; Naran M. Pindoriya
16	1570256006	Optimization of Cost and Emission in a Renewable Energy Micro-Grid	Anupam Kamboj; Saurabh Chanana

Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 2: Smart Classroom I

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570256454	Static Var Compensator Rating Finalization and Review Of High Wind Penetration Effect In Western Rajasthan	Ashok Kumar Pathak; Mahaveer Prasad Sharma; Manoj Gupta
2	1570256881	Laboratory Set Up For The Study Of The Effect Of Vertical Shear On Horizontal Axis Wind Turbine	Athul Raj; Datta Chavan; Puneet Singh; Rajesh Giri; Parashuram Karandikar
3	1570257505	Study Of Output Parameters Of Horizontal Axis Wind Turbines Using Experimental Test Setup	Athul Raj; Datta Chavan; Parashuram Karandikar; Raviraj Gurav; Akash Saha; Jayawant Sankpal
4	1570257699	Magnetically Levitated VAWT with Closed Loop Wind Speed Conditioning Guide Vanes	Nitin Gupta; Aashish Kumar; Sandeep Banerjee; Sumir Jha
5	1570257833	Effect of relative cost of components on the cost of wind power plant	Sahil Bajaj; Kanwarjit Singh Sandhu
6	1570257967	Performance analysis of wind turbines with different ratings for site matching	Himani Kala; Kanwarjit Singh Sandhu
7	1570258079	Applicatons of fused dc-dc converters using hybrid wind-solar systems	Vinayaka Shetty
8	1570258233	Modelling Of Wind Farm Layout Based On Analytical Distance Variant Method	Priyanka Chatragadda; Vijayapriya Ramachandran; Raja Pitchaimuthu
9	1570259605	Fault Ride-Through Study of PMSG based Offshore Wind Farms during Grid Faults	Harsh Dhiman
10	1570262420	Grid Integrated PMSG Based Wind Energy System: Modelling ,Control and Simulation	Shikha Gupta; Alka Singh; Rachana Garg
11	1570265057	Hybrid Solar and Wind Power Generation with Grid Interconnection System for Improving Power Quality	Asha Gaikwad; Akshay Zade
12	1570265115	Impact of Grid Disturbances on the Output of Grid Connected Wind Power Generation	Atul Sharma; Sheesh Ram Ola; Om Prakash Mahela
13	1570258067	Modular Bidirectional Current-fed Three-Phase Inverter for Microgrid Application	Akshay Kumar Rathore; Dipti Srinivasan; Satarupa Bal
14	1570271392	Neural Network based Short-Term Electricity Demand Forecast for Australian States	Navneet Kumar Singh, Navin Kumar Paliwal; Asheesh K Singh
15	1570258083	Adaptive Re-configuration and Islanding of Micro-grids based on Frequency Deviations	Venkata M; Kumar Kanimozhi; Deepak Pallath

Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 3: Smart Classroom II

Sl.No.	Paper ID	Topic of PAPER	Authors
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1	1570258309	Under Frequency Islanding Scheme of Atomic Power Plant	Sumit Nariyal; Mahaveer Prasad Sharma; Vikash Koundilya; Bhavesh Vyas
2	1570258389	Accurate Measurement of Reference Power for Virtual Synchronous Generator with Precise Frequency Detection Techniques	Ganesh Nandkumar Jadhav; Omkar Buwa
3	1570261451	Optimal Transmission expansion planning under deregulated environment: An analytical approach	Raminder Kaur; Tarlochan Kaur; Maneesh Kumar
4	1570266465	Statistical Analysis Of Wave Height:The Wave Energy Potential Aspect	Srinjoy Nag Chowdhury; Saniya Dhawan
5	1570266830	Mitigation/Suppression Techniques of Very Fast Transient Overvoltages of a Gas Insulated Substation	Nikhil Pathak; Trilochen Bhatti; Ashu Verma
6	1570267131	Shaft Torque Estimation Method for Inservice Underloaded Induction motors	Emmanuel Pukkunen; Ashok S
7	1570268972	Analyzing the Network Lifetime of Heterogeneous LEACH and TEEN in Three Dimensional Wireless Sensor Networks	Anisha Somani
8	1570269781	Role of Smart Meters in Smart City Development in India	Swati Patel; Udaykumar Yaragatti
9	1570269442	Contingency analysis of power system by using voltage and active power performance index	Satyanarayana Burada; Khyati Mistry
10	1570270298	Enhancing Fault Ride Capability in DFIG based Wind Farm Using Supplementary Rotor Controller and Dynamic Voltage Restorer	Sourabh Kesharwani; Dhanuja Lekshmi; Sunil Kumar T. K
11	1570270337	Gravitational search algorithm based Economic Load Dispatch problem incorporating wind generating system	Monalisa Nath
12	1570258165	Design and Development of Controller Area Network Based Communication Architecture for Power Sharing in a DC Microgrid	Sneha Thakur; Pratik Patil; Vivek Agarwal
13	1570258355	A Contingent Performance Analysis of M- FLC Using HBCC In An Islanded Micro Grid	Deepsikha Panda; Abhijeet Choudhury; Subhashree Choudhury; Pravat Rout
14	1570270252	A Novel Approach of Load Sharing and Busbar Voltage Regulation using Busbar Voltage Stabilizing Controller (BVSC) in Autonomous DC Microgrid	Sanjit Kumar Kaper; Abhimanyu Kumar; Niraj Choudhary
15	1570270364	A Novel Algorithm For Power Flow Management In Combined AC/DC Microgrid	Manju S

Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Venue 1: Senate Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270099	Transient Stability Enhancement of Rajasthan Power System using SVC	Nutan Parwar, Mahaveer Prasad Sharma; Sarfaraz Nawaz
2	1570270207	High Voltage Dielectric Diagnosis using an Automatic Capacitance & Dissipation Factor Test System	Sakshi Singh; Mirza Mohsin; Aejaz Masood

3	1570270237	Arduino Based Low Cost Active Dual Axis Solar Tracker	Shraiya Mahajan; Tarlochan Kaur
4	1570271522	Modeling, Analysis and Control of Different DC-DC Converter Topologies for Photo Voltaic Emulator	Mohd Tariq; Mohammad Iqbal
5	1570270248	Application of analytical methods to approximate the solution to non-linear rotor angle oscillations of single machine infinite bus system	Sunitha Anup; Trilochen Bhatti; Ashu Verma
6	1570270292	Transformer Insulation Technology with esters based Dielectric fluids - Bibliography Survey	Mohan Rao; Yog Raj Sood; Raj Kumar Jarial
7	1570270335	Analysis of Shunt Reactor Energization at EHV Substation and its Effects on CT: A Case Study	Amandeep Bedi; Nita R Patne; Piyush Khadke; Gulab Shinde
8	1570270391	Newton's Method Approach for Security Constrained OPF using TCSC	Manpreet Saharan
9	1570270404	Effect of previously install circuit breaker due to the upcoming new generating station	Nadhim Garg
10	1570270479	Dynamic Economic Emission Load Dispatch of Hybrid Power System Using Bio-inspired Social Spider Algorithm	Pradosh Kumar Adhvaryu; Pranab Chattopadhyay; Aniruddha Bhattacharjya
11	1570270518	Novel Approach for Signal selection and Optimal control in Emerging Wide Area Monitored Systems	Prakash Thyagarajan; Senthil kumar V.
12	1570270519	Assessment of EV and ESS Performance Based Load Scheduling in Smart Home	Jaishree Choudhary; Shalini Pal; Vinod Sahai Pareek; Rajesh Kumar
13	1570270529	New VDVT Based Electronically Tunable Floating Inductor Simulator	Javed Ahmad, Dinesh Prasad, Mayank Srivastava; Laxya Syam
14	1570270632	Hybrid SMES based Reactive Power Dispatch by Cuckoo Search Algorithm	Syama Sree Diswas Rana, Kamal Mandal; Niladri Chandra Aggarwal,
15	1570270761	Performance Enhancement of Wind Farm with Distribution Static Compensator	Madhusudan Singh; Sushil Gupta

Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Venue 3: Smart Classroom II

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270746	Analysis of DMRC Protection Scheme And Scientific Solutions	Tushar Singh; Narendra Kumar
2	1570270773	High Voltage Low Current LED Driver with High Efficiency and Low THD for Streetlight	Aman Jha; Ranajay Mallik
3	1570270790	Mitigation of Voltage Fluctuation in The Transmission Line by using SEN Transformer	Suraj Ankush Dahat; Anandita Chowdhury; Prasanta Kundu; G Santosh Kumar Viranchi
4	1570270801	Real Time Power System Voltage Stability Monitoring using Synchrophasor Devices	Hiral Kumar; Vishal Kumar
5	1570270806	Implementation of Two Area AGC Scheme in Restructured Environment on Real Time Simulator	Praveen Kumar; Vishal Kumar; Barjeev Tyagi
6	1570270813	Numerical Simulation of Tracking Modes for Compound Parabolic Collector with Tubular Receiver	Sainath Waghmare; Kaustubh Chavan; Nitin Gulhane

7	1570270821	Alleviation SSR Torsional Transient Torque of TG Shaft Sections Incorporating SSDC	Narendra Kumar; Sanjiv Kumar
8	1570270826	Stability Criteria for Load Frequency Control Systems with Communication Delays and Packet Dropout	Pankaj Dahiya; Pankaj Mukhija; Anmol Ratna Saxena
9	1570270876	An Overview of Solar Energy Policy of India and few Prominent Nations in the World	Om Bapat; Vishram Bapat
10	1570270889	Modeling and Eigenvalue based Analysis of DFIG based Power System	Nirav Maheta; Santosh C Vora
11	1570270982	Impact of Demand Side Resources and Carbon Quota on Unit Commitment Solution	Akshita Sharma; Yajvender Pal Verma
12	1570270996	Optimal Location of TCSC using Sensitivity and Stability indices for reduction in losses and improving the Voltage Profile	Yogasree Manganuri; Pallavi Choudekar
13	1570270468	Meticulous analysis and optimization of Maximum power point tracking techniques for stand alone Wind energy conversion system	Ronak Doshi; Vishal Jotangiya; Kaushik Khatua
14	1570270652	Wind-Biogas and Limited Grid Based Hybrid Power System for Rural Electrification	Dinesh Kumar Yadav; Swati Bhamu; Trilochen Bhatti
15	1570270747	Modelling and Simulation of a SEIG-based Wind Energy Conversion System for Standalone and Grid-tied Mode	Asha Rani; Gauri Shankar; Kumari Prerna

Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Venue 4: Exposition Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257733	Comparative analysis of DC-DC converter topologies for fuel cell based application	Subhransu Padhee; Umesh C. Pati; Kamala Kanta Mahapatra
2	1570257981	A Comparative Study of Bidirectional DC-DC Converter & Its Interfacing With Two Battery Storage System	L Navinkumar Rao; Sanjay Gairola
3	1570258078	Power Management in Double-Input DC/DC Converter	Nitesh Agrawal; Lalit Kumar; Subhojit Ghosh
4	1570264530	A Comparative Analysis of Non-Isolated Bi-directional DC-DC Converters	Mallikarjuna Bandi; Paulson Samuel
5	1570265436	A Novel Bridge Type DC-DC Converter for Hybrid Energy Source Integration	Sivaprasad A, Gangavarapu Guru kumar; Kumaravel S; Ashok S
6	1570270321	Fuzzy Logic Control of DC-DC Converters for Navy Shipboard Medium Voltage DC Distribution System	Souvik Das; Pankaj Swarnkar
7	1570270302	Multilevel Inverter Based Electric Spring for Voltage Regulation and Active-Reactive Power Control	Syam Sundar Nair; Ankur Rana
8	1570270704	A New Asymmetrical Multilevel Inverter Topology with Reduce Device Counts	Saad Bin Arif; Shahrin Md. Ayob; Zainal Salam
9	1570270935	Grid Connection of Modular Multilevel Converters	Santhosh Ramayana M
10	1570273441	Topology Analysis of Switched Inductor Z-Source Multilevel Inverter	Deepshikha Singh; Janardhana Kotturu
11	1570274726	Carrier-based SVPWM through Sub-Sector Identification in Multi-level Inverters	Varun M; RamKrishan Maheshwari

12	1570270839	Coordination of wind-hydro energy conversion system with sliding mode control	Kuchibhatla Sivakumar; J. Ramprabhakar; S. Shankar
13	1570274018	Simulation of Wind Diesel System with Frequency Regulation by Using Fuzzy logic	Nisha Gautam; Amit Kumar
14	1570274022	Effect of DC Link Discharge Resistor on Transient Stability of DFIG Wind Generator	Subhasis Mitra Roy; Trilochen Bhatti; Ashu Verma
15	1570274486	Short Circuit Current Comparison of DFIG during Symmetrical Faults with Different Wind Speeds	Hardik B Gohil; Chintan R Mehta; Santosh C Vora
16	1570274635	Design and Control of Wind-Solar Energy System with DFIG Feeding a 3-Phase 4-Wire Network	Shailendra Tiwari; Bhim Singh; Puneet Goel

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 2: Smart Classroom I

Sl.No.	Paper ID	Topic of PAPER	Authors
1			
2	1570274623	A new active cell balancing & protection algorithm for Li-Ion Battery and its simulations for GEO satellite missions using Matlab and Simulink S/W	Prakash Payyadakath
3	1570258046	Design of a Efficient Power Sharing Strategy for a Battery-Ultra capacitor Hybrid Energy Storage system	Avinash Singh; Swapnajit Pattnaik
4	1570258290	Estimation of Battery Parameters of the Equivalent Circuit Models using Meta-Heuristic Techniques	Venu Sangwan, Avinash Sharma; Rajesh Kumar; Akshay Bhatnagar
5	1570269230	Loop Flow Performance of Interconnected Power Systems with HVDC Links	Teena Johnson; Shubhanga
6	1570257344	PIEZOELECTRIC ENERGY HARVESTING from SHOES of SOLDIER	Snehalika Gupta; M Bhasker
7	1570253433	Basic Concepts of Superconducting Fault Current Limiter	Deeksha Sharma
8	1570258087	Design and Implementation of a Robust Fault Detection Mechanism for EHV Lines	Venkata Hareesh; Raja Pitchaimuthu; Selvan M p
9	1570261078	Fault Direction Estimation during Power Swing	Jitendra Kumar, Premarata
10	1570274457	A Practical approach for locating faults for overhead transmission lines using synchronized measurements from PMUs	Ankur Singh Rana; Nisha Parveen; Mini Thomas

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 3: Smart Classroom II

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570274608	Overall energy and exergy performance of partially covered N Photovoltaic thermal (PVT) -compound parabolic concentrator (CPC) collectors connected in series	Rohit Tripathi
2	1570274312	Selection of Suitable Strategy with peak load shifting based DSM strategy of standalone Integrated Renewable Energy System for a remote rural area	Rajanna Siddaiah Halasahalli; R P Saini
3	1570274723	Simulation and Analysis of Hybrid Energy Source For Electric Vehicle	Shivi Arora; Jayesh Priolkar

4	1570274733	Novel Approach for Determining Pilot Bus and it's Analysis for Overall Stability Enhancement with FACTS Controller	Chetan Srivastava
5	1570274755	Circulating MVAR Control in Rajasthan (India) Transmission System	Ravi Panwar; Vikas Sharma; Mahaveer Prasad Sharma; Bhavesh Vyas
6	1570274782	Renewable Energy Systems for Generating Electric Power: A Review	Bahadur Singh Pali; Shelly Vadhera
7	1570275636	Active Power Compensation by Smart Park in DC Metro Railways	N Navaneet Krishnan; Visal Raveendran; Manjula Nair
8	1570275658	Voltage Unbalance for Power Systems and Mitigation Techniques A Survey	Gunjan Gupta; Wilfred Fritz
9	1570275892	Performance Analysis of Photovoltaic System Under Thermal Conditions	Anurag Koushal; Ankit Gupta; Rupendra Pachauri; Yogesh Chauhan
10	1570274820	Feature Extraction Using EMD and Classification Through Probabilistic Neural Network for Fault Diagnosis of Transmission Line	Hasmat Malik; Aastha Aggarwal; Rajneesh Sharma

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 4: Exposition Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270566	Sizing of Microgrids for Indian Systems Using HOMER	Prema V.; Uma Rao K
2	1570270763	Alternative Hardware-In-the-Loop (HIL) Setups for Real-Time Simulation and Testing of Microgrids	Y. V. Pavan Kumar; Ravikumar Bhimasingu Navdeep Samr; Ashwini
3	1570270792	Design of Microcontroller Based I-V Plotter Using IGBT Electronic Load	Mudgal; Kuldeep Kumar; Jagendra Srivastava; Viresh Dutt
4	1570270871	Optimal Power Flow for Power Management of Microgrid	Shalaka Chaphekar; Prashant Karad
5	1570270983	Dynamic Scheduling of MicroGrid Connected System with Storage Devices	Shama Bansal; Yajvender Pal Verma
6	1570270987	Planning and Operational Strategy of a Renewable Energy Microgrid considering Reliability	Anupam Kamboj
7	1570271042	Impact of Demand Response and Pumped Storage on Microgrid Operation	Mandeep Kaur; Yajvender Pal Verma; Manoj Sharma
8	1570272499	Grid Synchronization of Wind Based Microgrid	Geeta Pathak; Bhim Singh; Bijaya Panigrahi
9	1570274588	Two-Input Bidirectional Converter Controlled Hybrid Energy Storage System (HESS) for Micro Grids	Jerry Jose; Udaya Bhasker Manthati
10	1570271066	A Method For Reducing Inrush Current And Transient Overvoltage In Three Phase Capacitor Bank	Prashant Prasad; Vyanktेश Dhote

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Venue 1: Senate Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
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1	1570257761	A real time study of hybrid series active filter for power quality improvement	Sushree Swain; Pravat Ray; Kanungo Barada Mohanty
2	1570257801	Multiple Dominant Current Harmonics Removal Using Shunt Hybrid Active Filters Under Harmonically Balanced Condition	Aanchal Sharma; Dhiraj Bharat
3	1570257854	Removal of Source Current Harmonics under Harmonically Balanced Condition using Shunt Hybrid Active Filters	Priti Srivastava; Dhiraj Bharat
4	1570258086	Modeling and Control of Hybrid Power Filter using p-q Theory	Asim Abdullah; Amit Kumar Roy; Gyan Ranjan Biswal
5	1570258259	Hybrid Shunt Active Filter Offering Unity Power Factor and Low THD at Line Side with Reduced Power Rating	Manisha Shah; Nagotha Dinesh
6	1570270027	Performance Evaluation of a new Kalman Filter based Least Mean Square Algorithm for Power Quality Improvement	Prakash Chittora; Alka Singh; Madhusudan Singh
7	1570270355	DC link voltage regulation in active filter using drainage power from distribution transformer	Surya Babu, S
8	1570270514	Performance Comparison of PI and Fuzzy Controller for Indirect Current Control Based Shunt Active Power Filter	Niharika Gotherwal; Nitin Gupta; Dipti Saxena; Soumyadeep Ray
9	1570270608	Design and Simulation of Innovative Hybrid Active Harmonic Filter for Harmonic Compensation	Akhilesh Panigrahi; R Kulkarni
10	1570270679	Study and analysis of 3-Phase 3-wire shunt active filter using sinusoidal current control strategy	Abinash Parida; Jyotiprakash Mohapatra; Bhagabat Panda
11	1570271052	Implementation and Simulation of Single Phase Active Shunt Power Filter	Shivansh Srivastava; Yash Shah; Bhavin Shah; Pratik Salvi; Rakesh Patel
12	1570271079	Applied Precise Multivariable Control Theory on Shunt Dynamic Power Filter using Sliding Mode Controller	Shobhit Jain
13	1570274867	Design of Compact and High Performance Edge Coupled Coplanar Waveguide Band Pass Filter)	Kumar Manoj
14	1570274776	Power Quality Analysis of Multilevel grid-interactive converter system with varying DC source and switching angle	Satwinder Singh
15	1570275657	Power Quality Monitoring by advanced Mathematical tools:A Survey	Gunjan Gupta; Wilfred Fritz

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Venue 2: Smart Classroom I

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570258234	Performance Comparison of Grid Synchronization Techniques for Power Quality Improvement	Hareesh Yada
2	1570258236	Power Quality Improvement using ACMLI With H-Bridge	Gaganprit Singh; Satya Bharath; Sumeet Sehrawat; Kamlesh Pandey; Manjeet Taneja

3	1570258298	Effect on Power Quality by Large Penetration of Household Non Linear Load	Karuna Nikum; Abhay Wagh; Rakesh Saxena
4	1570269072	THD comparison for power quality (matlab simulation & hardware)	Anand P Panchbhai; Shreya R Parmar; Charmi Vaghasiya
5	1570270322	Adaline LMS Control Scheme in a PEM Fuel Cell aided DSTATCOM for Power Quality Improvement	Sanjay Mishra; Mrutyunjaya Mangaraj; Sarat Swain
6	1570270551	Power quality Assessment of Table based Direct Power Control for Active front-end Rectifiers	Amit Kumar; Srungavarapu Gopalakrishna
7	1570270689	Modified P-Q Technique to Mitigate Power Quality Problems in Distribution System	Ajay Kumar; Pradeep Anjana; Harpal Tiwari; Vikas Gupta
8	1570270910	Power Flow Control and Power Quality Issues in Distributed Generation System	Maloth Naresh; Ramesh Kumar Tripathi
9	1570269970	Magneto-Mechanically Coupled Energy Harvesters	Pradeep Malaji; Shaikh Faruque Ali
10	1570270480	Study of Performance of Pattern Recognition Techniques based on Wavelet features for Islanding Detection in Distributed Generation	Manohar Mishra; Rituparna Sahu; Deepa Ray; Swasti Swarup; Pravat Rout
11	1570270583	Distribution Network Reconfiguration using Distributed Generation Unit considering Variations of Load	Sangeeta Das; D Das; A P
12	1570270886	Strategic Distributed Generator placements in distribution buses by Indices based techniques	Ranjita Chowdhury; Arnab Ghosh; Niladri Chakraborty
13	1570271201	Loss Reduction of Rajasthan Power System With Distributed Generation in Transmission Network	Puja Rani; Mahaveer Prasad Sharma; Bhavesh Vyas; Sheesh Ram Ola
14	1570274497	A Novel Loss Allocation Method for Radial Distribution System with Distributed Generations	Shashank Shekhar Kashyap; Mala De
15	1570258043	Voltage Stability Improvement of Distribution Networks by Enhancing DGs Impacts	Akanksha Srujita, Kusum Verma; Shahbaz Ahmed Siddiqui

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Venue 3: Smart Classroom II

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570253045	Switching Component Reduction and Performance Analysis Using Different Modulation Technique in Multilevel Inverter	Kamaldeep Boora; Jagdish Kumar
2	1570257697	A new capacitor balancing scheme applied to three level flying capacitor inverter based distribution static compensator	Sachin Pardeshi; Snehal Gawande; Sumant Kadwane
3	1570257818	Space Vector Based DTC Scheme for a 3-Level Inverter realized by Cascading two 2-Level Inverters	Vinod B r; M R Baiju
4	1570257996	Genetic Algorithm (GA) Based SHE Technique Applied to Seven-Level Nested Neutral Point Clamped (NNPC) Converter	Keval Neralwar; Prafullachandra Meshram; Vijay Borghate
5	1570258030	A Seven Level Multilevel Inverter Topology with Improved Results using PWM Technique	Vanya Goel; Jagdish Kumar; Jaimala Gambhir

6	1570259017	Implementation of Symmetrical Multilevel Inverter Topology	Shivam Prakash Gautam; Lalit Kumar; Shubhrata Gupta
7	1570264223	Comparison of Different Types of SPWM Techniques for Three Phase Seven Level Cascaded H-Bridge Inverter	Pratik Udakhe; Dipesh Atkar; Sateesh Chiriki
8	1570265952	Performance analysis of Fuel Cell based Energy System with Cascaded H-Bridge Multilevel Inverter	Ranjeet Singh
9	1570269447	Comparative Study of Different Carrier-Based PWM Techniques Applicable to NPC Multilevel Inverter	Sourabh Kundu; Santu Giri; Sarbani Mukherjee; Subrata Banerjee
10	1570269788	Three-Phase Infinite Level Inverter	Martin Cheerangal Joy, Jayanand B; Chaithanya Vijayar D
11	1570270240	A Variable DC Link based Novel Multilevel Inverter Topology for Low Voltage Applications	Peeyush Kala; Sudha Arora
12	1570257770	Impact of Distributed Generation on Coordination of Overcurrent Relays in a Benchmark Distribution System	Niraj Choudhary; Somnath Mondal; Aradhna Patel; Ashutosh Tiwari
13	1570269690	Potential of Distributed Generation Resources in India	Imran Ahmad Quadri; Suman Bhowmick; Dheeraj Joshi
14	1570270346	Islanding Detection For Distributed Generation System	Megha Patel, Dhruvendra Desai

Session 7, DAY 3, 06/07/2016, (10.30 AM- 1.30 PM)

Venue 1: Senate Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570256062	A New Direct MPPT Technique For Grid-Connected Solar Inverter	Debajyoti Ghosh; Ayan Tudu
2	1570257095	Comparative Analysis Of MPPT Algorithms Using Wind Turbines With Different Dimensions & Ratings	Reshu Rathi; Kanwarjit Singh Sandhu
3	1570257250	A Control Strategy for Power Management in a PV-Battery Hybrid System with MPPT	Jayalakshmi N. Sabhahit; Adarsh S; Sunil S
4	1570258360	The Photovoltaic Module Fed Push Pull Converter With MPPT Controller For Solar Energy Applications	Preethishri R. S.; K. Kalai Selvi
5	1570270511	Comparison of Perturb & Observe and Ripple Correlation Control MPPT Algorithms for PV Array	Akankshi Trivedi; Rupendra Pachauri; Yogesh Chauhan
6	1570264969	Small Signal Stability Analysis and Comparison with DFIG Incorporated System Using FACTS Devices	Soumik Bagchi, Suonadip Goswami; Rupam Bhaduri; Mainak Ganguly; Animesh Das
7	1570270667	Comparative study of perturb and observe and incremental conductance MPPT algorithms for photovoltaic system	Kumari Perna; Gauri Shankar; Asha Rani
8	1570271060	Design and Implementation of a Prototype DC Photovoltaic Power System Simulator with Maximum Power Point Tracking System	Vijaya Rajguru; Supriya Kawathekar; Vishnu Menon; Soham Karyakarte; Kapil Gode
9	1570274103	Direct and Quadrature Axis Voltage and Current Control of a Three Phase Grid Connected PV System with Adaptive Fuzzy Logic MPPT Controller	Manaswi Srivastava; Apoorva Saxena

10	1570274783	A Novel Fast and Accurate Temperature tolerant PV Maximum Power Point Tracking System	Abhinandan Jain; Mohammed Hussain; Abu Tariq
11	1570270712	An efficient approach for optimal placement of DG unit in Radial Distribution system	Preeti Kumawat
12	1570274484	Optimal Placement and Sizing of DG	Prabhjot Kaur; Sandeep Kaur; Rintu Khanna
13	1570274544	A Classical Approach To Find The Optimal Location and Size of DG along with a Proposed On-Off Controller	Kumar Sagar; Manjima Bhattacharya
14	1570270406	Energy Management System in Smart Grid using Internet of Things	Ravikumar Jadhav; Sandip Lokhande; Vijay Gohokar
15	1570270491	PEM Fuel Cell Integration with Grid using Fuzzy PID technique	Vasudha Kumbhchandani, Kamlesh Pandey; Vijay Kumar Tewel

Session 7, DAY 3, 06/07/2016, (10.30 AM- 1.30 PM)

Venue 2: Smart Classroom I

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257768	Design Simulation and Yield Analysis of 1Mwp Grid Connected Photovoltaic System at Jodhpur, Kolkata And Chennai	Umesh Krishniya; Vibhor Chauhan
2	1570258269	Modeling & Simulation of Proposed Grid Connected 10 MW Solar PV Array Power Plant at Lucknow	Abhinav Tripathi; Kishan Bhushan Sahay
3	1570268841	Windowing Factor Based Control Algorithm for Grid Integrated SPV System	Shailendra Kumar; Bhim Singh
4	1570270136	Utilization of PV Solar Farm for Grid Voltage Regulation during Night; Analysis & Control	Niraj Solanki
5	1570270297	Power Flow Control of Solar PV Based Islanded Low Voltage DC Microgrid with Battery Management System	Anu Varghese; Lekshmi R Chandran; Arun Rajendran
6	1570270307	Design and cost estimation of a grid tied PV module	Ayushi Maheshwari; Anam Jawaid; Asif Mustafa; Masood Shakeeb
7	1570270365	Literature Survey on Various Scheduling Approaches in Grid Computing Environment	Heena Setia; Abhilasha Jain
8	1570270368	Seasonal Influence on the Substation Grounding Grid Performance and Its Optimal Design to Neutralize the Influence	Nitish Bhardwaj; Om Parkash Rahi; MadanGopal Sharma
9	1570270372	Enrichment of Electricity Access by Renewable Sources through Isolated Mini-Grid for Remote Locations	Shivani Mishra; M A Ansari; Narendra Kumar
10	1570270780	Load Shifting Technique For Reduction Of Peak Generation Capacity Requirement In Smart Grid	Alpana Sinha; Mala De
11	1570270859	A Novel Fault Diagnostic Strategy for PV Micro Grid to Achieve Reliability Centered Maintenance	Pramod Rao; Uma Rao K; Akash Parvatikar; Gokul Subramanya; N Nitish
12	1570270868	Phase Shifted PWM Cascaded Multilevel Inverter for Solar PV Grid Integration	Vani Garg

13	1570271903	Unity Power Factor Control of Grid Connected SPV system using Instantaneous Symmetrical Component Theory	Manoj Kumar; Nikita Gupta; Rachana Garg
14	1570272840	Design, Analysis and Simulation of Synchronous Reference Frame Based Phase Lock Loop for Grid Connected Inverter	Yash Bhatt; Mihir Shah
15	1570274418	Optimum Sizing And Economical Assesment of Grid Integrated Hybrid System for a Rural Village: A Case Study	Om Krishan

Session 7, DAY 3, 06/07/2016, (10.30 AM- 1.30 PM)

Venue 4: Exposition Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570269957	Modelling and Simulation of Perturb and Observe Algorithm on Solar PV System using Different Converters in MATLAB/Simulink	Kshitijaa Ranjan; Narendra Kumar
2	1570270224	A pole-placement approach for buck converter based PV array emulator	Ankur Rana; Bhargav Patel
3	1570270429	Design and Analysis of Sliding Mode Controller for Isolated Full Bridge DC-DC Converter	Rajendra Senapati; Rajesh Sahoo; Rudranarayan Senapati; Pallavi Pradhan
4	1570270764	Performance Analysis of SMC Controlled PV Fed VSI	Shruti Pandey; Anurag Tripathi; Bharti Dwivedi
5	1570270952	Z-Source Inverter based DC-DC Converter using SPWM Technique for Fuel Cell Application	Rashmi Rai; RavinderSingh Bhatia; Parag Nijhawan
6	1570270997	Modelling and Control of Active Clamp Forward Converter with Current Doubler Rectifier	Rohit Rokade; Vijaya Rajguru
7	1570271063	Bi-directional three-phase three-level Neutral Point Clamped converter with capacitor voltage balancing scheme for Unity Power Factor and low %THD	Surabhi Kushwaha; Manisha Shah
8	1570274011	Energy Management of Supercapacitor with DC-DC Converter	Rahul Chakole; Manjusha Palandurkar; Mohan M. Renge
9	1570274081	Steady State Analysis of Quasi Switched Boost DC-DC Converter in CCM	Ajit Singh; Amit Kumar; Alok Gupta
10	1570275639	Storage-less PV Fed Telecom Power Supply using High Gain Boost and Resonant Power Converter Configurations	Vishal Verma; Sarthak Jain
11	1570258299	Maximum Power Point Tracking Based on Extremum-Seeking Control Technique and Its Simulation	Sirweta Kushiwaha; Anirav Tripathi; Kishan Bhushan Sahay
12	1570274772	Improving the Performance of Hybrid Microgrid using Isolated Three-port Converter	Kishore Mohana; Ravikumar Bhimasingu
13	1570274799	Fuzzy based Micro Grid Energy Management System Using interleaved boost converter and P&O MPPT Technique	Surabhi Chandra; Lakshmi Bhimanapati; Umashankar Subramaniam
14	1570275737	Passive Islanding Detection Approach for Inverter Based DG Using Harmonics Analysis	Abhilasha Kumari; Rupendra Pachauri; Yogesh Chauhan

15	1570276505	Power flow control in low voltage ac microgrid using photovoltaic system and battery energy storage	Chinthu C
16	1570257129	Voltage Stability Analysis Using Reactive Power Loading as Indicator and Its Improvement by FACTS Device	Gagari Deb; Kabir Chakraborty; Sumita Deb

Session 8, DAY 3, 06/07/2016, (2.30 PM - 4.30 PM)

Venue 1: Senate Hall

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257947	Discrete Adaptive Notch Filter Based Single Phase Solar PV Integrated UPQC	Sachin Devassy; Bhim Singh
2	1570258203	Multi-Input Single-Output DC-DC Converter based PV Water Pumping System	Anuradha Tomar; Sukumar Mishra
3	1570258264	Variable Conductance Factor Based Control of Multi-functional Grid Connected Single Stage Solar PV System	Anil Bonala; Vishnu Prasad Muddineni; Srinivasarao Sandepudi
4	1570270739	Delta and Adaptive Delta Modulated Single Phase AC/AC Converter	Irfan Ahmad Khan; Anshul Agarwal
5	1570270657	Performance Analysis of Control Schemes for WECS for Constant Power Generation	Deeksha Bansal
6	1570270710	Power System Oscillation Damping by Intelligent Power System Stabilizer	Sragdhara Bhattacharya
7	1570272391	Performance of Single Stage Cascaded H-Bridge Multilevel Converter Based Grid Interfaced PV System	Nidhi Mishra; Bhim Singh
8	1570274794	Classification based on Data Envelopment Analysis and Supervised Learning: A case study on energy performance of residential buildings	Mohit Kohli; Navdha Malhotra; Anjana Gupta

Session 8, DAY 3, 06/07/2016, (2.30 PM - 4.30 PM)

Venue 2: Smart Classroom I

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570264357	Comparative performance evaluation of solar PV modules form different manufacturers in India by using PVsyst	Ravita Saraswat
2	1570266235	Series Injection-Based Powerflow Modelling of a Solar Photovoltaic Power Systems	Santosh Singh; Shubhanga
3	1570270262	Experimental Analysis of SP/TCT PV Array Configurations Under Partial Shading Conditions	Amit Kumar; Rupendra Pachauri; Yogesh Chauhan
4	1570270685	Effect of Temperature, Irradiation, Humidity and Wind on Ideal/Double Diode PV System Performance	Rajender Kumar
5	1570270799	Innovative approach for power and voltage improvement of flexible solar panel	Imran Ahmad Qaari, Shivanshu Rastogi; Shreyank Dwivedi
6	1570272814	Modeling of PV Arrays based on Datasheet	Mayuresh Dave
7	1570273276	Techno-Economic Analysis of Solar Photovoltaic Power Plant for Delhi Secretariat Building	Abhishek Sharma; Priya Mahajan; Rachana Garg

8	1570275640	Performance Enhancement of Single Phase Grid Connected PV System under Partial shading using Cascaded Multilevel Converter	Amrithesh Kumar; Vishal Verma
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Session 8, DAY 3, 06/07/2016, (2.30 PM - 4.30 PM)

Venue 3: Smart Classroom II

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570253968	PMU-ANN based Real Time Monitoring of Power System Electromechanical Oscillations	Abhilash Kumar Gupta; Kusum Verma
2	1570257735	A Novel Dynamic Evolution Algorithm to Mitigate Transient in Large Load Variations	Pradeep Anjana; Sanwar Yadav; Vikas Gupta
3	1570258202	Controlling of Frequency Deviations in Interconnected Power Systems Using Smart Techniques	Komal Wadhwa; Satya Bharath; Kamlesh Pandey; Sumeet Sehrawat
4	1570258339	Effective Load Scheduling of Residential Consumers Based on Dynamic Pricing with Price Prediction Capabilities	Shalini Pal; Rajesh Kumar
5	1570258372	Electricity Market Price Evaluation Using Hybrid PSO - ANN Algorithm	Anamika Yadav; Niranjana Kumar
6	1570269980	Cost Optimization of a Hybrid Power System For Rural Electrification in India	Aslam Khan; Mehtab Fatima
7	1570270904	Optimal Placement of PMU using Greedy Algorithm and State Estimation	Varsha Jaiswal; Siddhartha Thakur
8	1570270943	Energy Harvesting using Piezoelectric for Wireless Sensor Networks	Deepti Deepti
9	1570271062	Modeling Super Capacitor Discharge Profile	Aditya Sengupta; Bidyut Bhattacharyya

Technical Program Schedule ICPEICES 2016 Track 2

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570251557	Comparative Analysis of Pulse Width Modulated Voltage Source Inverter Fed Induction Motor Drive with Matrix Converter Fed Induction Motor Drive	Tabish Mir; Abdul Bhat
2	1570257878	A comparative study of speed control methods for induction motor fed by three level inverter	Rahul Sadhwani; Ragavan Kanagaraj
3	1570257905	Mathematical Modelling Of Linear Induction Motor With And Without Considering End Effects Using Different Reference Frames	Narla John Merlin Mary; M. Kowsalya; Chandrajit Ganguly
4	1570258057	Sensorless Control of IM using MRAS Strategy and its Closed Loop Stability Analysis	Tanuj Kumar; Sahil Matani; Gaurav Datkhile

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 6: New Lecture Hall-II Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
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1	1570258151	Simulation Of Linear Induction Motor Using Model Predictive Control in Synchronously Rotating Reference Frame	Narla John Merlin Mary; M. Kowsalya; Chandrajit Ganguly
2	1570270494	Economic and Efficient Induction Motor Controller for EV Using Improved Scalar Algorithm	Soby T Varghese; K. R. Rajagopal
3	1570270495	An UVLO Featured Average Current Mode Controlled Boost Converter Design for Automotive Industry Applications	Nand Kishor Meena; Anil Swarnkar; Nikhil Gupta; Khaleequr Niazi
4	1570270648	An Insight into Motor and Battery Selections for Three-Wheeler Electric Vehicle	Sreejith R; K. R. Rajagopal

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 7: Dr. B.R. Ambedkar Auditorium

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570266421	Analysis of Dynamic Characteristics of Flash Butt Welder with Bidirectional Power Flow Controller	Jabavathi Jayasheela Deepa; Habeebullah Sait; Muhammad Ehsan, R; Ravi Chaurasia
2	1570268117	Model Predictive Control Approaches for Permanent Magnet Synchronous Motor in Virtual Environment	Ramesh Kumar Junnuri; Shivaram Kamat
3	1570269758	Starting Performance of Doubly Fed Induction Machine Drive Serving to Pumped Storage Plants Subjected to Faults in Power and Control Circuits	Anto Joseph; Thanga Raj Chelliah
4	1570270721	High Gain Fifth-order Boost Converter For Point of Load Applications	Veerachary M
5	1570271348	Single stage SPV Array Fed Speed Sensorless Vector Control of Induction Motor Drive for Water Pumping	Saurabh Shukla; Bhim Singh

Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270699	Torque Ripple Reduction in Permanent Magnet Synchronous Motor DTC by Improvising the Classical DTC System	Vikram Singh; Rupendra Pachauri; Yogesh Chauhan
2	1570271140	FEM based no-load loss calculation of Triangular Wound Core Transformer	Gaurav Opaunay; Anita Singh; Santanu Seth; Raj Kumar Jaiswal
3	1570271366	Hexuple-Inverter Configuration for Multilevel Nine-Phase Symmetrical Open-Winding Converter	Raumanabhan Sanjeevikumar, Sagar Mahajan; Pandav Maroti; Pierluigi Siano; Valentin Olaschuk
4	1570272405	Improved Torque Response of Induction Motor Drive using Direct Torque Control Technique Applying Fuzzy Logic Control	Siddhant Gudhe; Badrinarayan Bansilal Pimple
5	1570274044	Comparative Analysis of Hysteresis Current Control and SVPWM on Fuzzy Logic Based Vector Controlled Induction Motor Drive	Tanmay Mishra; Ambrish Devanshu; Narendra Kumar; Ashish Rajeshwar Kulkarni
6	1570274193	PLC Based Power Factor Correction of 3-Phase Induction Motor	Kishanraj Jani, Shashank Sharma; Mini Sreejeth; Madhusudan Singh

7	1570274410	Early, Diagnosis of Stator Inter-turn Fault in Inverter Driven Induction Motor by Wavelet Transform	Khadim Moin Siddiqui; Kuldeep Sahay; V. K. Giri
8	1570274440	A Practical Approach to Investigate the Solid Insulation Condition of in service Generator Transformer	Santanu Seth; Raj Kumar Jarial; Nitish Bhardwaj; Gaurav Upadhyay

Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 6: New Lecture Hall-II Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270532	Reconfiguration of Electrical Distribution system using ACO methodology	Amit Sharma; Majid Jamil
2	1570270734	Robust Digital Two-Loop Controller Design for Two Inductor Boost Dc-Dc Converter	Anmol Ratna Saxena; Veerachary M
3	1570270968	A Comparative Analysis of Classical Three Phase Multilevel (Five Level) Inverter Topologies	Aparna Prayag; Sanjay Bodkhe
4	1570271036	An experimental study of modified space vector modulation applied to quasi Z source inverters using FPGA	Aipathi Sai Kiran; Rahul Sadhwani; Ragavan Kanagaraj
5	1570271053	Modelling analysis and simulation of High Efficiency medium power Resonant Dual Active bridge for wireless power transfer application	Mohammad Iqbal; Mohd Tariq
6	1570271312	Power Factor Correction in Single-Ended Primary Inductance Converter Fed Switched Reluctance Motor Drive	Aniket Anand; Bhim Singh
7	1570273939	Investigation of Motor faults in NPP using In Service Motor Monitoring System	Nishant Mishra; Kallol Roy; Pradeep Rautela
8	1570274642	Design and Development of Rotor Quality Test System for Die-Cast Copper Rotors	Soby T Varghese; K. R. Rajagopal
9	1570274705	PLC Based Automated Liquid Mixing And Bottle Filling System	Shilpa Chouhan; Mini Sreejeth
10	1570271362	Estimation of Stator Resistance in Sensor-less Induction Motor Drive using MRAS	Avinash Mehra; Mini Sreejeth

Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257227	Analysis and simulation of a new topology of single phase multi-level inverter	Sourav Karmakar
2	1570257782	Switched Capacitor Z-Source Inverter	Biswajit Mandal
3	1570257796	Analysis And Simulation Study of Extended Boost Z-source Sparse Matrix Converter	Priyanka Priyadarsini
4	1570257974	Comparison study of Different Pulse Width Modulation Techniques for Extended Boost Z-Source Inverter	Debalina Nanda
5	1570257975	Study of a New Single Phase Multilevel Inverter Based on Switched Capacitor Units	Shouvik Mondal

6	1570258248	Comparative performance analysis of dc-dc converter using PI controller and fuzzy logic controller	Nibedita Swain; Nivedita Pati
7	1570258368	A Hybrid Fuzzy Sliding Mode Controller for a BLDC Motor Drive	Vimal Nigam; Shoeb Hussain; Satya Narayan Agarwal
8	1570252020	Carrier Based Space Vector Modulation for Matrix Converters	Jayaprakasan Sandeep; Rijil Ramchand
9	1570257064	Analysis of Induction Motor Drive using BuckBoost Controlled Slip Power Recovery Scheme	Sita Ram Bhardwaj; Om Parkash Rahi; Veena Sharma
10	1570257860	Direct torque control using switching table for induction motor fed by quasi Z-source inverter	Aipathi Sai Kiran; Ragavan Kanagaraj
11	1570260223	Sensorless Speed Control Methodology for Mono Inverter Dual Parallel Connected Induction Motor Drives	Sandeep Kumar

Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570252651	Analysis of Cogging Torque Reduction by Increasing Magnet Edge Inset in Radial Flux Permanent Magnet Brushless DC Motor	Amit Kapil; Mohammad Yusufji Khatri
2	1570258143	single-phase PFC converter using switched capacitor for high voltage DC Applications	Guntuku Indira Kishore; Ramesh Kumar Tripathi
3	1570258148	A Comparative Study on DC Motor Drive fed by Synchronous SEPIC Converter and Synchronous ZETA Converter	Manohar J; Rajesh K s
4	1570270390	Development of Microcontroller based Controller for Twelve-pulse AC-DC Thyristorised Converter for Nuclear Research Application	Pradeep Rautela; R Kulkarni; Nishant Mishra
5	1570270857	Indirect Back EMF Detection Based Sensorless Operation of PMSM Motor Drive	Gajraj Solanki; Yogesh Chauhan; Bhavnesh Kumar
6	1570274701	Comparative Evaluation of Digital Control Algorithms for DC-DC Boost Converter Exhibiting Inverse Response	Vinayak Rao; Tarakanath Kobaku; Sachin Patwardhan; Dagadu More; Vivek Agarwal
7	1570274718	Two-Dimensional Static Analysis for Magnetic Flux Density of PM Linear Electric Motor	Chetan Vasudeva; Sanjay Marwaha; Shekhar Sharma
8	1570274736	Application of Space Vector Modulation Technique for BLDC Motor Drive	Parag Chaudhari; Sanjeev Kumar Pandey; Sanjay Patil
9	1570254722	Studies on hunting of Hysteresis motor with HTS element on rotor	Joyashree Das; Rup Ray
10	1570256864	Material Selection for Semiconductor Switching Devices in Electric Vehicles using Analytic Hierarchy Process (AHP) Method	Shimin Vayal Veetil
11	1570264284	Conventional and Model Predictive Direct Torque Control Techniques for Induction Motor Drive	Vishnu Prasad Muddimeti, Anil Bonala; Srinivasarao Sandeepudi
12	1570266553	Performance of Sensor and Sensorless Doubly fed Induction motor (DFIM) under the current sensor fault	Abhinav Saxena; Arunesh Singh

13	1570269942	Matrix Converter fed PMSM drive with Maximum Torque Per Ampere Control	Sukanta Haider, Anubhav Agrawal; Pramod Agarwal; Satya P Shrivastava; Sharmili Das
14	1570273939	Investigation of Motor faults in NPP using In Service Motor Monitoring System	Nishant Mishra; Kallol Roy; Pradeep Rautela

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570257168	Design and Development of a low cost circuitry for appliance automation in Educational Institutions	Wasim Nazir, Kasim Ranjana; HIRAK DAS; Barnam Jyoti Sobaria
2	1570268168	Design and Evaluation of Wireless Home Automation Systems	Manikandan J
3	1570268693	Spectrum Sensing based on Multiple Energy Detector for Cognitive Radio Systems under Noise Uncertainty	Anjana Sharma
4	1570268976	Performance Analysis of Various Control Methods for Three Phase VSI Feeding Static Loads & Dynamic Loads	Meenal Mahawar; Sandeep Banerjee; Mitushi Jain; Sachi Sinha; Sukriti Sukriti
5	1570270183	Using Optimal Controller to Parallel Three-phase 4-leg Inverters with Unbalance Loads	Manjureza Nazari Pouya, Hossein Mokhtari; Ebrahim Amiri
6	1570270344	Realization of Complete Permanent Magnet Brushless DC Motor Drive for Electric Two-Wheelers	Varun Malyala; Phaneendra Babu Bobba
7	1570273962	Performance Analysis of a BLDC Drive under Varying Load	Akash Varshney
8	1570274031	Feedback Linearization Control of Vector Controlled Induction Motor Drive	Amrishi Devanshu, Madhusudan Singh; Narendra Kumar
9	1570274706	Performance analysis of open loop speed control of Axial Flux Permanent Magnet Motor by using DSPIC controller	Ashwani Rana

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570253056	Current Sensorless Vector Controlled Induction Motor Drive	Vimlesh Verma; Chandan Chakraborty; Ramesh Bansal
2	1570254508	A New Sensorless Speed Estimation Strategy for Induction Motor Driven Electric Vehicle with Energy Optimization Scheme	Abhisek Pal; Sukanta Das
3	1570266691	Prognostics of Power MOSFET Due to Unclamped Inductive Switching	Neeraj Khara; Sharad Tiwari
4	1570267099	A Novel Configuration of Series Active Filters to Eliminate Dominant Harmonic Frequency (DHF) by using FFT Algorithm	Mukti Barai; T. Devarajulu Reddy
5	1570269856	Solar Energized SRM Driven Water Pumping Utilizing Modified Landsman Converter	Anjaneesh Mishra; Bhim Singh
6	1570270319	Analytical and Comparative Study of FHI-SPWM and SPWM Control Technique of Five-Phase VSI	Bhavika Shah; Sonali Rangari; Mohan M. Renge

7	1570270341	Design and Analysis of a Robust System for Wirelessly Powering Implantable Devices	Benny Varghese; Phaneendra Babu Bobba
8	1570276128	Power Quality Improvement using PFC SEPIC Converter for LED Bulb Adaptable for Universal Input Voltage	Avdhesh Yadav; Rupendra Pachauri; Yogesh Chauhan
9	1570255980	An Improved Two-Stage Non-Isolated Converter for On-Board Plug-in Hybrid EV Battery Charger	Ankit Singh; Mukesh Pathak
10	1570256744	Smart Graphical Comparator for Solar Charge Controllers	Sonal Jain; Chandnee Srivastava
11	1570257784	Solar Based Series Z-Source Inverter For Induction Motor Drive With Soft Starting	Rahul Adle; Mohan M. Renge; Shubhada Muley
12	1570264143	A Dual Output Flyback Converter For Photovoltaic Applications	M. Kowsalya; Piyush Bhardwaj
13	1570265815	Solar Array Fed Water Pumping system Using Induction Motor Drive	Utkarsh Sharma; Shailendra Kumar; Bhim Singh

Session 7, DAY 3, 06/07/2016, (10.30 AM- 1.30 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570269386	Controller Design for a Quasi Z Source DC-DC Converter for Solar Application	M. Kowsalya; Aditya Narula
2	1570270424	Dynamic Evolution Control Strategies For Fuel Cell system	Hitesh Sharma
3	1570270493	Mitigation of Sub-synchronous Resonance in Series Compensated WECS Using DFIG with a Simple and Effective Control Technique	Ankita Ratna; Rupendra Pachauri; Yogesh Chauhan
4	1570270676	Improved Power Quality SEPIC Converter Fed Series Resonant Inverter for Induction Heater	Rahul Pandey; Bhim Singh
5	1570256561	Transformer Design to Achieve Soft Switching In Low Power Fly Back Converters	Nagesh Vangala; Rayudu Mannam
6	1570258235	Use of Biobased Oil's as a Substitute of Transformer Oil	Manjeet Taneja; Sumeet Sehrawat; Kamlesh Pandey
7	1570264523	A Study of Industrial Manufacturing and Testing Procedures for Pressboard Transformer Insulation	Sunil Suman; Sheesh Ram Ola; Om Prakash Mahela
8	1570271067	Dynamic Analysis of Induction Motor using Flux Model	Madhwi Kumari; Parashuram Thakura; D Badodkar
9	1570271188	Modeling and Simulation Analysis of PV Fed Cuk, Sepic, Zeta and Luo DC-DC Converter	Deepak Bhati; Rupendra Pachauri; Yogesh Chauhan
10	1570274631	Zero Voltage Switching of High Gain Boost Converter	Veerachary M; Jyoti Prakash
11	1570258644	Impact of voltage sags on rotary press and a method to prevent paper break during sags and brownout	Neeraj Sharma
12	1570253929	Analysis of Position and Speed Control of Sensorless BLDC Motor Using Zero Crossing Back-EMF Technique	Rajesh M Pindoriya, Jr.; Anshul Mishra; Bharat Singh Rajpurohit; Rajeev Kumar
13	1570270673	Energy Saving Start-up Strategy of Pumped Storage Power Plant Equipped with Doubly-Fed Asynchronous Machine	Raja Singh R; Thanga Raj Chelliah

14	1570270256	A New Configuration for Simulating Passive Elements in Floating State Employing VDCC's and Grounded Passive Elements	Suhaib Mir; Mayank Srivastava; Priyanka Bhanja
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Session 8, DAY 3, 06/07/2016, (2.30 PM - 4.30 PM)

Venue 5: New Lecture Hall -I Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270418	Sliding Mode Control Strategies For Fuel Cell System	Hitesh Sharma
2	1570274833	Adaptable Speed Control Of Bridgeless PFC Buck-Boost Converter VSI Fed BLDC Motor Drive	S Sanju2081
3	1570264438	Performance of SPV Array Fed Pumping System with Synchronous Reluctance Motor Drive	Anshul Varshney; Bhim Singh
4	1570265615	Speed Control of a BLDC Motor using Fuzzy Logic Controller	Adil Usman; Bharat Singh Rajpurohit
5	1570265713	Performance Analysis of Bearingless Switched Reluctance Motor in the Presence of Different Rotor Eccentric Faults	Anvesh Perada; Pulivarthi Nageswara Rao

Technical Program Schedule ICPEICES 2016 Track 3

Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 7: Dr. B.R. Ambedkar Auditorium

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570264856	Fault classification of a Transmission line using wavelet transform & fuzzy logic	Papia Ray; Debani Mishra; Spandan Mohapatra
2	1570265137	A Fuzzy VIKOR Model for selection of optimal biomass usage in India	Priyanka Singh; Rajneesh Kaushal
3	1570270082	Fuzzy Inference Model Synthesis Of A Novel Magnetically Levitated VAWT With MPPT Via Guide Flaps	Nitin Gupta; Dheeraj Joshi; Aashish Kumar; Sandeep Banerjee
4	1570270124	Discriminating Different Color from EEG Signals using Interval-Type 2 Fuzzy Space Classifier	Arnab Rakshit; Rimita Lahiri
5	1570270687	Improved D Fuzzy Flip-Flop: The Design And Implementation	Ramanpreet Kaur; Gurmeet Kaur
6	1570270754	Reactive Power Compensation using D-STATCOM with Fuzzy Logic Supervision	Tarun Chugh; Alka Singh
7	1570270841	Design A Time Series Model Using Fuzzy Logic	Vishal Arora; Suhail Shangari; Abhiprayah Tiwari; Harshdeep Singh; Bindu Garg
8	1570275668	Adaptive Parameter based Particle Swarm Optimisation for Accelerometer Calibration	Kottath; Vipin Kumar; Alex Noel Joseph Raj; Shashi Poddar
9	1570276531	Biometric Identification through Detection of Retinal Vasculature	Flynn Jiu; Kevin Prathap Noronha; Deepak Jayaswal
10	1570274069	Fault classification, location in a series compensated power transmission network using Online Sequential Extreme Learning Machine	Aditie Garg; Bijaya Panigrahi

11	1570272560	Dissolved Gas Analysis of Power Transformer using K-means and Support Vector Machine	Amita Singh; Gaurav Upadhyay
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Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 6: New Lecture Hall-II Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270527	An Efficient Method for Keyword Set Enhancement for Crawling Using Genetic Algorithms	Chain Singh; Tanupriya Choudhury; Hansraj Yadav; Manmohan Singla
2	1570274646	Optimal Design of Induction Motor using Genetic Algorithm and comparison with Conventionally Designed Induction Motor	Rakeshkumar Chaudhary
3	1570274684	Adaptive Gait Generation for Hexapod Robot using Genetic Algorithm	Aditya Manglik; Kunal Gupta; Surekha Bhanot
4	1570268946	Finding Optimal Deceleration with Serial Regenerative Braking of Electric Vehicle using a Multi-objective Genetic Algorithm	Debasri Chakraborty, D.; Arup Nandi
5	1570270119	Fractional Order PID Control Using Ant Colony Optimization	Richa Singh; Ambreesh Kumar; Rajneesh Sharma
6	1570270744	Load Frequency Control Using ANN-PID Controller	Shankar; Sandhya Kumari; Shilpa Gupta
7	1570253771	Tuning of Fractional Order PID Controller Using Particle Swarm Optimization Technique for DC Motor Speed Control	Ruchi Jain
8	1570257704	Classification of Imbalanced Data of Medical Diagnosis Using Sampling Techniques	Varsha Babar; Roshani Ade
9	1570260992	Novel PD-PID cascaded controller for Automatic Generation Control of a multi-area interconnected power system optimized by grey wolf optimization (GWO)	Manoj Debnath; Ranjan Mallick
10	1570268701	Intelligent Control of CSTR using IMC-PID and PSO-PID Controller	Neha Khanduja; Bharat Bhushan
11	1570274731	A Comparative Study between Wavelet Primarily Based ANN and ANFIS Algorithm Technique to Locate Fault in a Transmission Line	Imtiyaz Alam; M A Ansari; Nidhi Pal
12	1570277635	ANN based detection of breast cancer in mammograph image	Vikas Saubhagya, Asha Rani, Vijander Singh

Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 7: Dr. B.R. Ambedkar Auditorium

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270992	A Novel Improved Algorithm Using Cuckoo Search for Economic Load Dispatch	Dutta; Snigdhajyoti Das; Kamal Mandal
2	1570271023	Novel design of Fractional Delay Filter Using Lattice Wave Digital Filter	Rawat; Shivani Bansal; Arnesh Majhi
3	1570274551	A Novel approach for Face Recognition using Hybrid SIFT-SVM	Kirti Bagla; Bharat Bhushan

4	1570276485	Fuzzy & ANFIS Based Temperature Control of Water Bath System	Ajit Sharma; Bharat Bhushan
5	1570256792	A Novel Order Reduction Approach for LTI Systems Using Soft Computing Technique	Amit Narwal; Rajendra Prasad
6	1570270779	Soft Computing Techniques for Congestion Management in Power Systems	Saurabh Ratra; Pradeep Singh; Rajive Tiwari
7	1570264708	Optimal Placement and Coordination of Static VAR Compensator with Distributed Generation using Whale Optimization Algorithm	Hitarth Buch; Indrajit N. Trivedi; Pradeep Jangir; Dilip Ladumour; Narottam Jangir; Rajnikant Bhesdadiya
8	1570264856	Fault classification of a Transmission line using wavelet transform & fuzzy logic	Papia Ray; Debani Mishra; Spandan Mohapatra
9	1570273980	Satellite Image clustering and Optimization using K-means and PSO	Gautam Kumar
10	1570268686	Reconfiguration of Primary Distribution Networks using Bit Shift Operator Based Particle Swarm Optimization	Akansha Singh
11	1570268719	Harmonic Minimization Using PSO Technique for CMLI with Unequal and Equal DC Sources	Deepali Yadav; Jagdish Kumar

Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Venue 6: New Lecture Hall-II Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570242991	Impact of Wind Turbine Generator FOR on the Reliability and Economics of a Remote WTG System	Sarangthem Sanajaoba Singh; Eugene Fernandez
2	1570257298	Multi-objective Flower Pollination Algorithm for Optimal Design of Fractional Order Controller for Robust Isolated Steam Turbine	Parvesh Kumar; Nitish Katal; Shiv Narayan
3	1570257308	Optimal modeling of an Integrated Renewable Energy System with Battery storage for off grid Electrification of remote rural area	Rajanna Siddaiah Halasahalli; R P Saini
4	1570258195	Wind Speed and Power Prediction of Prominent Wind Power Potential States in India using GRNN	Savita Singh; Hasmal Malik; M A Ansari; Nidhi Pal
5	1570269958	combined cycle gas turbine and generator matching performance	Jitender Rai
6	1570271068	Multi-objective short-term tandem hydro scheduling: MINLP approach	Prakash Sharma; Abhijit Abhyankar
7	1570273431	Artificial Neural Network based Wind speed & power forecasting in US Wind Energy Farms	Jyothi Varanasi; Madan Mohan Tripathi
8	1570274201	Heuristic Optimization Technique for Hydrothermal Scheduling Considering Pumped Storage Unit	Rituraj Patwal
9	1570256724	Comparison of optimal DG allocation based on sensitivity based and optimization based approach	Ankit Uniyal; Ashwani Sharma
10	1570269554	Implementantation of FACTS Devices for Improvement of Voltage Stability using Evolutionary Algorithm	Digamber Kumar
11	1570267353	Exploratory Test Oracle using Multi-Layer Perceptron Neural Network	Wellington Makondo

12	1570258044	Gbest Inspired Biogeography Based Optimization Algorithm	Priya Sharma
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Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Venue 7: Dr. B.R. Ambedkar Auditorium

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570258047	Adaptive step-size based Spider Monkey Optimization	Sharma
2	1570267108	Optimal Merging of Primary and Secondary Power Distribution Systems Considering Overall System Cost and Reliability	Ayan Ghosh
3	1570259808	New Concerns in Optimal Power Flow with Reactive Power Cost Using Two Stage KHA	Borra Anusha
4	1570260273	Performance Evaluation of K-means Clustering Algorithm with Various Distance Metrics	Shruti Kapil; Meenu Chawla
5	1570268250	Optimal Reconfiguration of Primary Power Distribution System using Modified Teaching Learning Based Optimization Algorithm	Archana Archana
6	1570269743	Tractive energy optimization in railway electric traction system	Saurabh Gupta; Priya Mahajan; Rachana Garg
7	1570269846	Discriminating Motor Imagery EEG Signals Using An Improvised Regularised CSP Algorithm	Rimita Lahiri; Arnab Rakshit; Amit Konar
8	1570270020	Enhanced clustering based AODV-R protocol using ant colony optimization in VANETS	Kavneet Kaur
9	1570258446	Coupled multiphysics-RF reduced models for MEMS	Ioan; Aurel-Sorin Lup; Mihai Popescu; Ruxandra Barbulescu; Alexandra Stefanescu
10			
11	1570271825	Routing and Security analysis in Vehicular Ad hoc Networks (VANETS)	Raj Kumar; Deepak Deepak
12	1570269627	A Hybrid Approach to Price Forecasting Incorporating Exogenous Variables for a Day Ahead Electricity Market	Harish Varshney; Avinash Sharma; Rajesh Kumar
13	1570269629	Energy Management in Hybrid Microgrid System Using Heuristic Techniques	Navin Kumar Paliwal; Rahul Mohanani; Navneet Kumar Singh; Asheesh K Singh
14	1570270564	Biclustering of Gene Expression Patterns with an Advanced Overlapping Control Strategy	Bhawani Biswal; Akanksha Mishra; Anjali Mohapatra; Swati Vipsita

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 6: New Lecture Hall-II Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270655	Dynamic State Estimator using three parameter exponential smoothing technique	Rumali Mondal
2	1570274627	Intelligent Control of Hybrid Power Systems for Load Balancing and Levelised Cost	Anjali Gupta; Anjali Jain

3	1570270412	Multi Objective Optimization based Path planning in Robotics Using Nature Inspired Algorithms: A Survey	Saicharan Bandari; Ritu Tiwari; Nirmal Roberts
4	1570270524	Grey Wolf Optimization for Optimal Distributed Generation Units Allocation	Laxmi Devi
5	1570270586	Multi-objective Optimum Load Dispatch using Multi-Verse Optimization	Nitish Chopra; Jayashree Sharma
6	1570270709	Study of Load Frequency Control by Using Differential Evolution Algorithm	Shankar; Shilpa Gupta; Komal Kumari
7	1570270715	Load Frequency Control Using BAT Algorithm	Komal Kumari; Sandhya Kumari
8	1570270929	Gravitational Search Algorithm: Discussion and State of Art	Harsha Dudeja
9	1570272726	Ant-net: An Adaptive Routing Algorithm	Chandana M; Sanjeev Thakur

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 7: Dr. B.R. Ambedkar Auditorium

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570254354	Load Flow Studies Based on a New Particle Swarm Optimization	Narender Jain; Uma Nangia; Uttam Kumar
2	1570257375	Improved Binary PSO for Wind-Thermal Unit Commitment Considering Wind Power Uncertainty and Emission	Deepika Negi; Ram Sharma; Prateek Singhal
3	1570257949	Particle Swarm Optimization based Tuning of Brushless Doubly-fed Reluctance Machine Drive for Speed Control Applications	Abhijit Sahu; Sukanta Das
4	1570260641	optimization of network reconfiguration by using particle swarm optimization	A v Sudhakara Reddy
5	1570270550	Damping Oscillations in detail model of Synchronous Generator using PSO based PSS	Anand Patel; Pimal Gandhi
6	1570271098	Economic Load Dispatch Using a Differential Particle Swarm Optimization	Mahamad Alam; Akhilesh Mathur; Kanhaiya Kumar

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Venue 6: New Lecture Hall-II Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570255861	Control F-policy for Markovian Retrial Queue with Server Breakdowns	Madhu Jain, Dr; Sudeep Sanga; Rakesh Meena
2	1570256423	A New Approach for Bearing Fault Analysis in Squirrel Cage Induction Motor	Parikshit Pareek; Nishant Khandelwal; Shashi Kapoor
3	1570257748	hGWO-PS Optimized 2DOF-PID Controller for Non Reheat Two Areas Interconnected Thermal Power Plants: A Comparative Study	Vikas Soni; Girish Parmar; Mithilesh Kumar; Sidharth Panda
4	1570257943	Analysis and Control of Linear Induction Motor for Aircraft Launch System considering end-effects	Jamkar; Aniket Chavan; Shrish Pandey; Krishna Kanakgiri
5	1570257958	Optimal QFT Controller and Pre-filter for Buck Converter using Flower Pollination Algorithm	Nitish Katal; Shiv Narayan

6	1570258369	Radial Flux Signature Analysis for Identifying Source Unbalance and Stator Turn Fault in Cage Motors Using Radial Flux Sensing Coil	Gulamfaruk Surya; Zaved Khan; Makarand Ballal
7	1570274628	Cuckoo Search Optimization Algorithm for Designing of Multimachine Power System Stabilizer	Niazi; Anil Swarnkar; Nikhil Gupta
8	1570274236	Singer Identification In Indian Hindi Songs Using MFCC and Spectral Features	Sarfaraz Masood; Jeevan Nayal; Ravi Jain
9	1570273469	Color Channel Based Segmentation of Skin Lesion From Clinical Images for the Detection of Melanoma	Chiranjeev Sagar
10	1570274218	Multi-Kernel Support Vector Machine and Levenberg-Marquardt Classification Approach for Neonatal Brain MR Images	Tushar Jaware; Kamalesh Khanchandani; Anita Zurani

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Venue 7: Dr. B.R. Ambedkar Auditorium

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270558	Estimation of States of a Nonlinear Plant using Dynamic Neural Network and Unscented Kalman Filter	Dibyendu Guha; Alok Deb
2	1570270219	Application of neural networks for flight simulation	Priya Singh; Sanjay Singh
3	1570270846	Improved Fault Classification in Series compensated EHV Transmission Line using Wavelet transform and Artificial Neural Network	Pranav Raval; Asit Pandya
4	1570271359	Trajectory Control of DC Shunt motor by NARMA Level-2 Neuro Controller	Sudarshan Kumarbabu Valluru; Madhusudan Singh
5	1570274306	Counting and Classification of White Blood Cell using Artificial Neural Network (ANN)	Shubham Manik
6	1570274568	Fault Classification using Artificial Neural Network in Combined Underground Cable and Overhead Line	Ankita Nag; Anamika Yadav
7	1570276448	Economic Load Dispatch using Novel Bat Algorithm	Srinivasan Gautham
8	1570255019	Sensorless Control of PMSM Drive using Neural Network Observer	Shoeb Hussain; Mohammad Bazaz
9	1570258221	Modelling a Simple Current to Voltage Converter using Artificial Neural Networks	Veepsa Bhatia; Kriti Gupta; Nidhi Batra; Neeta Pandey
10	1570254332	Genetic algorithm solution to unit commitment problem	Hatim S Madraswala; Anuradha Deshpande
11	1570257679	Design of IMC Controller Using Multiobjective Optimization with GA	Rahul Kumar; Aman Goel; Shiv Narayan
12	1570258279	A comparative study between scalarization approach and pareto approach for multi-objective optimization problem using genetic algorithm (MOGA) formulated based on superconducting fault current limiter	Abhijit Dey; Amalendu Choudhury
13	1570268989	Trip Planning for Electric Vehicle through optimal driving using Genetic Algorithm	Mousumi Karmakar; Arup Nandi
14	1570269424	Quantum Inspired Genetic Algorithm for Energy Efficient Clustering in Wireless Sensor Networks	Manisha Rathee; Sushil Kumar

Session 7, DAY 3, 06/07/2016, (10.30 AM- 1.30 PM)

Venue 6: New Lecture Hall-II Near Library

Sl.No.	Paper ID	Topic of PAPER	Authors
1	1570270547	An Efficient Bio-Inspired Approach to Generate Distributed Query Plans	Ruby Rani
2	1570274069	Fault classification, location in a series compensated power transmission network using Online Sequential Extreme Learning Machine	Aditie Garg; Bijaya Panigrahi
3	1570274806	Neural Fuzzy Closed Loop Hybrid System for Classification, Identification of Mixed Connective Consonants and Symbols with Layered Methodology	Santosh Kumar Henge
4	1570277544	Swarm and Pheromone Based Reinforcement Learning Methods for the Robot(S) Path Search Problem	Neha Khanduja; Bharat Bhushan
5	1570274305	Comparative Study with Analysis of OCR Algorithms and Invention Analysis of Character Recognition Approached Methodologies	Santosh Kumar Henge
6	1570277635	ANN based detection of breast cancer in mammograph image	Vikas Saubhagya; Asha Rani; Vijander Singh
7	1570258060	Automatic Attendance System By Visual Programming Language LabVIEW	Amit Kumar; Pappu Kumar Verma
8	1570258160	An Empirical Intelligent Agent for Robot Navigation Problem Using Supervised Learning	Hrishikesh Tawade; Jay Trivedi; Govind Haldankar
9	1570259717	A Comparative Review Of Various Segmentation Techniques For Early Detection Of Exudates In Retinal Fundus Images	Amanjot Kaur; Prabhpreet Kaur
10	1570260677	GeroSim: A Simulation Framework For Gesture Driven Robotic Arm Control Using Intel RealSense(TM)	Rupam Das; K B Shiva Kumar
11	1570265363	A Segmentation Improved robust PNN Model for Disease Identification in Different Leaf Images	Priyanka Soni
12	1570270309	A Modified Differential Evolution approach to Emission Constrained Thermal Unit Commitment Problem	Nandan Navin; Rajneesh Sharma
13	1570270334	MINLP for Hydrothermal Unit commitment Problem using BONMIN Solver	Suman Sutradhar; Nalin Dev Choudhury; Nidul Sinha
14	1570270863	Automated Test Bench for an Induction Motor using LabVIEW	Kunal Chavhan; Rajaram Ugale
15	1570270004	Matrix Based Univariate And Multivariate Linear Approach Towards Long Term Electrical Load Forecasting	Sreenu Sreekumar; Jatin Verma; Sujil A; Rajesh Kumar

Technical Program Schedule ICPEICES 2016 Track 4

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 8: Committee Room EE Department

Sl. No.	Paper ID	Topic of PAPER	Authors
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1	1570257779	Robust Controller for Trajectory Tracking of a Mobile Robot	Navin Chandra P; Mija J
2	1570257780	Robust Control Design for Inverted Pendulum System with Uncertain Disturbances	Manish Yadav; Abhinav Gupta; Bhanu Pratap
3	1570257837	Reinforcement Learning Based Controller for Stabilization of Double Inverted Pendulum	Sudhir Raj
4	1570257873	Balancing of Two Wheeled Inverted Pendulum using SOSMC and validation on Lego EV3	Pravin Behera; Mija J
5	1570274605	Fuzzy controller with Grey Predictor for an Inverted Pendulum	Akarsh Kumar; Amanvir Sidana; Akshit Kanda; Vineet Kumar; Kanwar Pal Rana

Session 1, DAY 1, 04/07/2016, (12.30 PM-1.30 PM)

Venue 9: Committee Room E&C Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570266228	Arduino Based Foot Pressure Sensitive Smart Safety System for Industrial Robots	Sayan Sarkar; Gautam Ghosh; Amitrakshar Mohanta; Atreye Ghosh
2	1570270637	Design and Analysis of a Low Cost PV Analyzer Using Arduino UNO	Kanur Anand, Kupendra Pachauri; Ankit Gupta; Yash Chhabra
3	1570271064	H-IECBR: HBO based-Improved Energy Efficient Chain Based Routing protocol in WSN	Aman Gupta; Abhishek Thakur; Amandeep Bath; Hardeep Saini; Naveen Kumar
4	1570258123	Car Security Using Internet of Things	Vivek Kumar Sengar, Soumitra Mehrotra; Harshit Mittal
5	1570270620	Integrated steering and braking control using inertial delay control	Saurabh Kharjule; Pramod Shendge; Srivijay Phadke

Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 8: Committee Room EE Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570271003	Web-Based Physics Experiments in Dynamics Using Image Processing	Ranjeet Kumar
2	1570276365	Iris Recognition using Self Mutated Hybrid Wavelet Transform with Partial Energies of Transformed Iris Images	Tejas H Jadhav
3	1570257081	Quad-Control Wireless Robotic Arm	Aishwarya Reganti; Surekha Ananthapalli; Chiranjith Viswamohan; Mounica Reddypalli; Vinay Kumar Mittal
4	1570258096	Obstacle avoiding trajectory planning for 5 Degree of Freedom Robot	Sabarigirish Sreekes;h; Mija J
5	1570258144	Incorporating a four wheel Robotic System operational at an abode on the sensory enunciations using EPD, MFCC and DTW	Deepika Vashisht; Swati Sharma; Bharti Sood; Abhishek Thakur
6	1570262495	Optimal two degrees of freedom decoupling smith control for MIMO systems with multiple time delays	Ashu Ahuja; Shiv Narayan; Jagdish Kumar

7	1570266047	Active seat suspension based on second order inertial delay control combined with sliding mode control	Mahesh Launkar, Aditya Tiwari; Srivijay Phadke; Deepak Shandee
9	1570274479	Wadoro: An Autonomous Mobile Robot for Surveillance	Shubham Mittal; Jaynendra Kumar Rai
10	1570274760	Speed Control of Mobile Robotic System Using PI, PID and Pole Placement Controller	Sheilza Jain
11	1570275845	Design of Third-Order Microwave Differentiator	Vineet Tanwar; Dharmendra K. Upadhayay
12	1570270649	Face recognition using fusion of Local Binary pattern and Zernike Moments	Shabbaz Nengroo

Session 2, DAY 1, 04/07/2016, (2.30 PM - 4.30 PM)

Venue 9: Committee Room E&C Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570252210	A Small Size Wideband Planar Inverted-F Antenna For USB Dongle Devices	Hardeep Saini; Naveen Kumar; Abhishek Thakur; Rajesh Kumar; Akhil Sharma
2	1570260395	A Compact SRR Loaded Patch Antenna for C-Band Applications	Shaniza Goora, Zain Hashmi, Malay Tripathy; Shuchismita Das
3	1570270772	CPW fed open ended slot antenna	Naveen Vishwakarma
4	1570272189	A novel design of circular fractal antenna using inset line feed for multiband applications	Narinder Sharma; Amandeep Kaur
5	1570274052	Miniaturization of Fractal Antenna using Novel Giuseppe Peano Geometry for Wireless Applications	Narinder Sharma
6	1570261152	Miniaturized EBG Hairpin Resonators for Dual Band Applications	Isha Tyagi; Deepak Gangwar
7	1570263749	Miniaturization and Directivity Enhancement of a Microstrip Patch Antenna using Complementary Split Ring Resonators and Double-Superstrate Configuration	Gaurav Gupta; Priyanka Jain
8	1570268234	Design and Analysis of Subwavelength RMPA using Double Folded I Shaped ENG Metamaterial	Preet Kaur; Asok De; Sanjay Aggarwal
9	1570269399	Design of Second order Differentiator using Microstrip lines	Narendra Mohan Mishra; Priyanka Jain; Narbada Prasad Gupta; Pramila Verma
10	1570274422	Novel OTA based inductorless realisation of Chaos's circuit	Ajishkek Raj; Ram Bhagat
11	1570274494	Experimental Investigation at 2300MHz With AWAS Electromagnetic Code	Chhaya Dalela

Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 8: Committee Room EE Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570256473	Artificial Neural Network Based PID Controller for Online Control of Dynamical Systems	Rajesh Kumar, Smriti Srivastava; Jai Ram Prasad Gupta
2	1570274683	Genetic Algorithm based PID controller for Blood Pressure and Cardiac Output regulation	Himanshu Kumar; Raghav Kumar; Jyoti Yadav; Asha Rani; Vijander Singh

3	1570252429	Synchronization Of a Class Of Chaotic Systems Via Derivative Control	Akbar Ali; Himesh Handa; Sameer Kumar
4	1570257082	Design and Real-time Implementation of Robust PID controller for Twin Rotor MIMO System (TRMS) based on Kharitonov's Theorem	Sumit Pandey; Jayati Dey; Subrata Banerjee
5	1570257715	Adaptive PID Control for Angular Motion Tracking by Linear Electrohydraulic Actuation	Sibsankar Dasmahapatra; Dipankar Sanyal; Rana Saha; Agnimitra Sengupta; Utsav Bhattacharyya
6	1570257956	Interconnected Multi Unit Two-Area Automatic Generation Control Using Optimal Tuning of Fractional Order PID Controller Along With Electrical Vehicle Loading	Aditya Kachhwaha; Shani Pandey; Anand Dubey; Saransh Gupta
7	1570264362	Skyhook control for active suspension system of heavy duty vehicles using inertial delay control	Aditya Tiwari; Manesh Lathkar; Srivijay Phadke; Pramod Shendge
8	1570269744	Comparative Analysis of Different Methods of Model Order Reduction for Linear, Time-Invariant Systems	S Jha; Shivam Singhal; Sanchit Gupta
9	1570270116	Control Performance Enhancement Using Fractional PID Controller for First Order Time Delay Systems	Rayalla Ranganayakulu
10	1570270510	3-DOF Parallel Manipulator Control Using PID Controller	Gaurav Chaudhary
11	1570270641	Design of an Anti-windup Fractional Order PI Controller based on Integral State Predictor within stability bound	Bharat Singh; Sandeep Pandey; Anjali Junghare; Mohan Aware
12	1570271030	Fractional Order PID Control of an Underactuated Balancing System	Karthick Subramaniam; Sarankumar Krishnamoorthy
13	1570270887	Novel Approximation to Average Symbol Error Rate Probability of Composite Nakagami-m/Log-normal Fading Channel	Pappu Kumar Verma
14	1570270971	FE based Eccentricity Analysis of Rogowski Coil	Tapan P Patel; Santosh C Vora
15	1570269720	Multiple sliding surface controller based on disturbance observer for anti-lock braking system	Vivek Sharma; Pratik Chaudhari; Pramod Shendge; Pratik Chaudhari
16	1570270619	Disturbance observer based sliding mode control for anti-lock braking system	Pratik Chaudhari; Vivek Sharma; Pramod Shendge; Srivijay Phadke

Session 3, DAY 1, 04/07/2016, (5.00 PM - 8.00 PM)

Venue 9: Committee Room E&C Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570250711	A Novel Current-Mode and Voltage-Mode All Pass Filter Employing Operational Transconductance Amplifier	Tajinder Arora; Manish Gupta; Shiv Gupta
2	1570257961	UWB BPF with Single Notch Band using Stub Loaded Rectangular Ring Resonator between Interdigital Structure	Yatindra Gaurav; Rajeev Chauhan
3	1570258111	Design of Cosine Modulated Filter Banks exploiting Spline function for Spectrum Sensing in Cognitive Radio Applications	Komal Sharma; Ankit Sharma

4	1570264106	Demosaicking via Directional Linear Minimum Mean Square Error Estimation using CMY Filter Array	Nidhi Chauhan; Manoj Garg
5	1570265698	Current Mode Universal Filter Employing Operational Transconductance Amplifier and Third Generation Current Conveyor	Tajinder Arora; Soumya Gupta; Manish Gupta
6	1570270545	Design of Digitally Controlled OTRA based Filter for Hearing Aid Application	Prateek Tripathi, Prashant Gola; Prateek Pahalwan; Neeta Pandey; Rajeshwari
7	1570274586	Optimal IIR System Identification Using Flower Pollination Algorithm	Bandeep Singh, Araknanda Ashok; Tarun Rawat; Manjeet Kumar
8	1570276573	High-Speed and Low-Cost FIR Filter Design using ZEOD Method and Faithful Truncation and Rounding	Vamsidhar Reddy Dhamigunta; Lala Bhaskar
9	1570257990	FPGA based SHEPWM Switching scheme for Single phase cascaded H-Bridge multi-level Inverter	Jawahar MR; Ajay Kumar V; Sridharan Moorthi; Selvan M p
10	1570269293	Power and Delay Analysis of CMOS Multipliers Using Vedic Algorithm	Raj Kumari
11	1570270313	Comparative analysis of 8bit adders using CMOS and PTL techniques with Conventional MOSFET at 32 nanometer Regime	Pournima Patil,III; Archana Hatkar
12	1570274536	Design of Symmetric Switching CMOS Inverter Using Cuckoo Search Algorithm	Manjeet Kumar; Tarun Rawat; Arnesh Majhi
13	1570269982	Lyapunov theory based Intelligent Fuzzy Controller for Inverted Pendulum	Abhishek Kumar; Rajneesh Sharma
14	1570257865	A bilinear Switched System, the Lagrangian Method and Nonlinear filtering	Sandhya Rathore; Vini Tuteja
15	1570269850	Attitude Control of Fixed wing UAV using Multiple Sliding Surface	Andra Sagar

Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Venue 8: Committee Room EE Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570260060	Startup Transient Current Analysis for Squirrel Cage Induction Motor	Nishant Khandelwal; Parikshit Pareek; Shashi Kapoor
2	1570238689	Kinematic Control of an Articulated Minimally Invasive Surgical Robotic Arm	Surbhi Gupta; Sankho Turjo Sarkar; Amod Kumar
3	1570257685	Control of Uncertain Fractional Order Lorenz System via Adaptive Backstepping Control	Manoj Kumar Shukla; Bharat Sharma
4	1570257757	Prototype Design and Analysis of Controllers for one Dimensional Ball and Beam System	Sudarsan Kumarbabu Valluru; Madhusudan Singh; Suresh Singh
5	1570257845	Inverse Optimal and Theta-D Control Based Near Optimal Flight Controller	Parvathy P
6	1570257848	Performance Analysis of SOSMC and BELBIC for Level Control of Quadruple Tank System	Biswajit Debnath; Mija J
7	1570257992	Robust Backstepping Control of Ball and Beam System with External Disturbance Estimator	Aditi Srivastava; Bhanu Pratap

8	1570258161	Comparative Analysis of Different Controllers on Two Area Interconnected Power System Model using Gravitational Search Algorithm	Dev Kumar; Bhanu Pratap Soni; Soumyadeep Ray; Vikas Gupta
9	1570269320	Control Theory approach of identifying Bullwhip in Supply Chains	Rajashree Taparia; Rajeev Gupta
10	1570270536	Identification of higher order critically damped systems using relay feedback test	Venkata Kasi; Somanath Majhi; Anup Gogoi
11	1570271038	Optimization Methods for Tuning of SMC Gains for Manipulator Control: a Comparative Study	Jitendra Kumar, Puneet Mishra; Vineet Kumar; Kanwar Pal Datta
12	1570274499	Discrete Wavelet Packet based Feature Extraction for Binary Classification of elbow movement using Fine Gaussian SVM	Yogendra Narayan; Chatterji S; Lini Mathew; Preeti Kumari; Prateek Viridi
13	1570258280	Speech Enhancement by End Point Detection and Signal Subspace Method	Ajay Kaliraman; Abhishek Thakur; Hardeep Saini; Rajesh Kumar; Naveen Kumar
14	1570270894	SVM-SMC Based Control Technique for Precise Trajectory Tracking of a Five Bar Linkage Manipulator	Gopal Krishan; Vedram Singh
15	1570274226	Binary Movement Classification Of sEMG signal using SVM and Wavelet Packet Transforms	Yogendra Narayan; Preeti Kumari; Lini Mathew; Chatterji S; Babita Thakur
16	1570256506	Recognition of Power Quality Disturbances Using S-Transform and Rule-Based Decision Tree	Om Prakash Mahela; Abdul Gafoor Shaik
17	1570258318	Error Compensation Method for current transformer	Manish Wath; Pankaj Raut; Makarand Ballal

Venue 9: Committee Room E&C Department

Session 4, DAY 2, 05/07/2016, (10.30 AM - 1.30 PM)

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570250964	Integrated Control of Active Front Steer Angle and Direct Yaw Moment Using Second Order Sliding Mode Technique	Arobindra Saikia; Chitrallekha Mahanta
2	1570253823	Sliding Mode Control based Line-of-Sight (LOS) stabilization of Electro-optical sighting system	Shashi Singh
3	1570255071	H_{∞} Based Integral Sliding Mode Controller Design for Stabilization of Cart Pendulum System	Abhinay Pardeshi; Susy Thomas
4	1570256762	Implementation of Sliding Mode Controller for Twin Rotor Multi Input Multi Output System without State Observer	Parvej Shaikh, Jr.; Sushil Karvekar
5	1570257863	Parameter selection strategy for robust sliding mode controller and its implementation in real time system	Arnab Sen; Anindita Sengupta
6	1570258035	Sliding mode controller for robust trajectory tracking using haptic robot	Akhil Surendran; Mija J
7	1570270758	Control of Nonlinear Chemical Process Using Sliding Mode Control	Tabassum Rasul; Monisha Pathak
8	1570270842	Fault tolerant attitude control using anti-unwinding second-order sliding mode	Pyare Tiwari; Pinaki Chakraborty; K M Soni

9	1570273990	Non-singular Fast Terminal Sliding Mode Control of General Class of Chaotic System	Vaibhav Kumar Singh; Gopinatha Pillai
10	1570270347	A Review On Cubli And Non Linear Control Strategy	Rupam Singh; Vijay Kumar Tayal; Hemender Pal Singh
11	1570271184	Explicit Model Predictive Control for Disturbance Rejection and Tracking Control of Boost Converter	Gaurav Deshmukh; Jyoti Aute
12	1570270572	Nonlinear Robust Dynamic Surface Controller Design for Twin Rotor Control System	Jitendra Sharma; Bhanu Pratap
13	1570270865	Elevation And Hovering Control of TRMS via H_{∞} Optimization Technique	Parthish Kumar Paul; Jeevamma Jacob
14	1570274275	Dual Axis Tracking of Solar Arrays using an Auxiliary Solar Panel	Narathnamur Chennamunni, Vishnu D; G Saravana Ilango; Anand CK
15	1570258125	Power Gating and Its Repercussions - A Review	Preeti Verma
16	1570272449	Fast terminal sliding mode based DC-DC buck converter	Ganesh Hemke; Sangeeta D. Daingade
17	1570260542	H inf Design of Wide-Area Controller for Damping Inter-Area Oscillation in Power System	Abhilash Patel; Sandip Ghosh

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 8: Committee Room EE Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570257675	Enhancing Linearity in Thermistor Signal Conditioning Circuit Using Linear Numerical Search	Kanwar Pal Rana; Vineet Kumar; Tapan Prasad
2	1570257986	Comparison of temperature sensors using polymer materials in long period fiber grating	Shikha Maheshwary; Rekha Mehra
3	1570264038	Efficient Water Management For Greenland Using Soil Moisture Sensor	Suraj Kounawade, Kunjan Mhaske; Mohammed Furkhan Sheikh
4	1570269035	Real Time Standalone Data Acquisition System for Environmental Data	Vasant Raj Mutha; Narendra Kumar; Parikshit Pareek
5	1570270525	LabVIEW Based Real Time Implementation of Fractional Order PID Controller for a Magnetic Levitation System	Midhun Edathram Kunnath; Sunil Kumar T. K
6	1570270810	Design and implementation of advanced auto calibrating line following sensor for coloured surfaces with a white line	Samruddhi Patil; Ameya Wagh; Mitali Sawant; Saurav Panda; Aditya Bhopale
7	1570274740	Digital Resistance Box: An approach to generate desired value of resistance by automatically varying the potentiometer	Neeru Rathee
8	1570270590	Sensing Metric Based Adaptive Power allocation Scheme for Cognitive radio networks	Ashish Sharma; Pushkar Mishra
9	1570239967	Comparison of the performance of controllers for Under-actuated Systems	Siddharth Joshi; Abhaya Singh
10	1570258103	Automatic generation control of multi-source interconnected power system including DFIG wind turbine	Preeti Dahiya; Veena Sharma; R Naresh; Harish Pulluri

Session 5, DAY 2, 05/07/2016, (2.30 PM - 4.30 PM)

Venue 9: Committee Room E&C Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570258345	Pulse Shape Modulation-Generation and detection strategies	Akashdip Das; Debarshi Kundu
2	1570260676	Multi code set portioning and performance improvement in OVFS based networks	Vipin Balyan; Wilfred Fritz
3	1570261599	Realization of AES Encryption and Decryption With Power and Area optimization	Mohini Mohurle
4	1570262480	An Experimental Study of Wireless Transceiver of Modulation Schemes Using Software Defined Radio	Pappu Kumar Verma
5	1570267075	A Novel Design of an Efficient Low Power Phase Frequency Detector for Delay Locked Loop	Shobhit Kumar Garg
6	1570269156	Novel approach of Backplane Communication for Compact & Field mountable I&C Systems of FBR	Aditya Gour; KR Sujith; M Sakthivel; Rajendra Behera; T Jayanthi; Madhusoodanan Kanakkil; S.A.V. Satya Murty
7	1570269185	Hardware implementation of SLM technique for OFDM Communication Systems	Shatrughna Yadav; Subhash Bera
8	1570270311	A Variable Stiffness Actuator using SMA	Akhil Challa; Pediredla Vijay Kumar; Voona Kushal; Dhanalakshmi Kaliaperumal; Josephine Ruth
9	1570270812	Motion Detection, Tracking And Classification For Automated Video Surveillance	Neha Gaba; Neelam Barak; Shipra Aggarwal

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Venue 8: Committee Room EE Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570274649	A MLP Equalizer Trained by Variable Step size Firefly Algorithm for Channel Equalization	Saonam Prtyadarshini, Archana Sarangi; Shubhendu Sarangi
2	1570275759	Miniaturized Dual-Band BPF for WiMax/WLAN applications	Arvind Pandey; Rajeev Chauhan
3	1570266318	Study and Optimization of characteristics of GaN based Quantum Well Light Emitting Diode with splitted P layer	Vikas Rohilla; Chandan Jha
4	1570269411	Differential Voltage Current Conveyor Transconductance Amplifier Based Instrumentation Amplifier	Mayank Mehrol; Divya Goyal; Pragya Varshney
5	1570269988	Design and Realization of Electronic System for FSI Formula Car	Riju Prakash, veeran Dhamija; Jayendra Kumar
6	1570270457	Voltage and Current Mode OFCC Based Semi Gaussian Shapers	V. Venkatesh Kumar, Chetna Malhotra; Varun Ahalawat; Neeta Pandey; Rajeshwari Pandey
7	1570270507	Voltage differencing buffered amplifier based quadrature oscillator	Chetna Malhotra, varun Ahalawat; V. Venkatesh Kumar; Rajeshwari Pandey; Neeta Pandey

8	1570270562	Operation Trans-resistance Amplifier based low-voltage reference	Ashwani Goel; Rajeshwari Pandey; Neeta Pandey; Sapna Yadav
9	1570274767	Integral Fast Output Sampling control for Flexible Link Manipulators with LMI approach	Nikhil Singh; S Rajendran
10	1570269858	Design and performance analysis of Fuzzy LQR, Fuzzy PID and LQR controller for Active suspension system using 3 degree of freedom quarter car model	Jumi Bharali
11	1570270498	Classification of Orange Juice Adulteration using LDA, PCA and ANN	Vikas Nandeshwar; Gargi Phadke; Siuli Das
12	1570276145	LabVIEW Based Analysis of Two Input and Two Output Interacting Tank System	Sakshi Bangia; Shuchi Singh
13	1570277698	Impact of Temperature on the Performance of sub-35nm Symmetric Double Gate Junctionless Transistor based Inverter using high-K Gate Dielectric. A TCAD Simulation Study	Pankaj Appun Pegu; Uttam Chandra Boro
14	1570268092	Review on Optimization of Lane Tracking Using Hybrid Kalman and Particle Filter Algorithm	Manisha Lande
15	1570257806	Implementation of consumer level intelligence in a smart micro-grid along with HEMS based price prediction scheme	Deepa V; Seema N
16	1570257842	Design of MRAC Augmented with PID Controller using Genetic Algorithm	Aman Goel; Rahul Kumar; Shiv Narayan
17	1570257852	A comparative analysis of PID,LQR and Fuzzy logic controller for Active suspension system using 3 degree of freedom quarter car model	Jumi Bharali
18	1570258126	Design of Robust PID Controller for Buck Converter using Bat Algorithm	Prabhu Omer; Jagdish Kumar; Balwinder Singh
19	1570268744	Controller parameter optimization using hybrid BFOA-PSO algorithm	Sapna Gupta; Rajeev Gupta

Venue 9: Committee Room E&C Department

Session 6, DAY 2, 05/07/2016, (5.00 PM - 8.00 PM)

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570256572	Implementation of PPC-SSR as final control element and interfacing of PLC with LabVIEW using Modbus in two tank non interacting level control system	Sunny Dixit; Amit Jain
2	1570254940	Order Reduction Of Interval Systems Using Mixed Evolutionary Technique	Narendra Tanwar
3	1570256171	Stable Mixed Reduced Order Models for Linear Dynamic Systems and their Qualitative Comparison	Potturu Sudharsana Rao; Rajendra Prasad
4	1570256846	Behavior Modeling of a Type B RCD	Rajesh Kumar Panda, DGM; Jitendar Veeramalla
5	1570257978	SF6 Density-and-Viscosity sensing in Gas Insulated Switchgear using MEMS Resonator	Tapas Choudhury; Gyan Ranjan Biswal
6	1570266267	Implementation of Smart safety helmet for coal mine workers	Pranjal Hazarika

7	1570270041	Robust PSS Design Using ∞ Loop Shaping Method over Variations in Inertia Constant of SMIB system	Aswathi C R; Jeevamma Jacob
8	1570270283	Analysis of Low cost, Energy Efficient Building Management and Control through Occupancy Control and Delamping Technique	Kratika Yadav; Minija Mohan; Arjun Kumar Singh; Sachin Mishra
9	1570270499	Quasi-LPV Modelling and Control of TRMS	Anagha Sudhakar; Jeevamma Jacob
10	1570270580	A Novel characteristic design of Distance Relay to abolish effects of Load Encroachment and Fault Resistance	Shivani Prajapati; Harshida Dholiya; Umang Wani; Jay Patel
11	1570270600	Analysis and Verification of SoC Design RTL Parameters	Prokash Ghosh
12	1570270916	Implementation of Failure Modes and Effect Analysis on the Electro-Hydraulic Servo Valve for Steam Turbine	Priya Banerjee; Kamlesh Pandey
13	1570256572	Implementation of PPC-SSR as final control element and interfacing of PLC with LabVIEW using Modbus in two tank non interacting level control system	Sunny Dixit; Amit Jain
14	1570258166	Pragmatics for Tuning Aircraft Tracking Estimators	Nilanjan Patra; Smita Sadhu; Tapan Ghoshal
15	1570258431	Design and Implementation of GPS based Personal Tracking System	Sudhanshu Janwadkar; Dipak Bhavar; MT Kolte
16	1570270017	Optimal Trajectory Planning of a 3R SCARA Manipulator using Geodesic	Amit Jena
17	1570271095	Adaptive state estimation for ballistic object tracking with nonlinear model and state dependent process noise	Nilanjan Patra; Smita Sadhu; Tapan Ghoshal
18	1570274687	Flocking Trajectory Control Under Faulty Leader: Energy-Level Based Election Of Leader	Swati Prasad; Ananya Manjunath; Hariharan Ramaswamy
Session 7, DAY 3, 06/07/2016, (10.30 AM- 1.30 PM)			
Venue 8: Committee Room EE Department			
Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570270133	A survey of PHY and MAC technologies of high data rate WPAN	Navneet Kaur; Jyoteesh Malhotra; Himali Sarangal
2	1570270202	Design of Dual Band Branch Line Coupler for GPS and Satellite Applications	Priya Sharma; Ghan Tripathi; Sudhanshu Verma
3	1570270369	Design of Smart Grid in an University Campus using ZigBee Mesh Networks	Arnab Ghosh; Niladri Chakraborty
4	1570270753	Equalizer optimization using Flower Pollination Algorithm	Subhabrata Banerjee; Sudipta Chattopadhyay
5	1570270786	Performance of an embedded entropy detection with adaptive thresholding for cognitive radio networks	Srinu Sesham
6	1570271031	Elliptical Curve based Multi-Tier Spherical Grid Routing model for Smart & Secure Gobal Communication using WSN's	Jai Prasad

7	1570273277	Hybrid Compression Techniques For Energy Efficient Wireless Sensor Networks	Avnish Kumar
8	1570265541	Superpixel Segmentation Based a Novel Approach for Colour Correction of Depth 3-D Image in RGB-D Systems	Arvind Sahu
10	1570264981	Auto-regulation of cell morphology during cell migration: exploration using computational modeling	Medha Sharma; Jayalaxmi Nair; Mandar Inamdar
11	1570269240	Segmentation of Retinal Area by Adaptive SLIC Superpixel	Nimisha Singh; Inderjeet Kaur
12	1570269375	Detection Of Lung Cancer Cells Using Image Processing Techniques	Prathamesh Gawade
13	1570270287	Design and Implementation of a low cost device to extract finger plethysmogram	Gourav Garg; Lalit Mohan Saini; Nidhi Dahiya
14	1570270573	Double Compression of JPEG Image Using DCT with Estimated Quality Factor	Ankit Chouhan

Session 7, DAY 3, 06/07/2016, (10.30 AM- 1.30 PM)

Venue 9: Committee Room E&C Department

Sl. No.	Paper ID	Topic of PAPER	Authors
1	1570256304	Efficient Methodology for Testable Reversible Sequential Circuit Design	Debajyoty Banik
2	1570256729	Optimized Design and Performance Analysis of Johnson Counter using 45 nm Technology	Manish Soni; Rajesh Mehra
3	1570258029	Power and Speed Efficient Ripple Counter Design Using 45 nm Technology	Ajeet Thakur; Rajesh Mehra
4	1570260626	Low Power 8T SRAM cell with high read and write noise margins	Arjun Yadav; Sangeeta Nakhate
5	1570270199	Comparison of 6T-SRAM Cell Designs Using DT MOS and VT MOS for Low Power Applications	Shreya Sharan, Anshu Chandra; Nidhi Goel; Achyuti Kumar
6	1570270555	Performance Enhancement of a 1-bit Hybrid Full Adder Circuit	Tripti Sharma; Sugandha Chauhan
7	1570270672	A Novel Simplified Augmented State Diagram of Three Dimensional Turbo Code	Subhabrata Banerjee; Sudipta Chattopadhyay
8	1570270850	Efficient CVSL based Full Adder Realizations	Kirti Gupta; Shrey Bagga; Neeta Pandey
9	1570271099	Design of Low Power Subthreshold Linear Feedback Shift Registers	Kirti Gupta; Prayanshu Sharma
10	1570270402	Design And Development Of A Graphical User Interface For Real Time Monitoring And Analysis Of Vital Human Body Parameters	Prabhjot Kaur
11	1570270880	MATLAB based estimation for change in Brain pressure with changing cerebral spinal fluid pressure	Kavita Goyal; Moin Uddin; Sarbjit Singh
12	1570271506	Extraction of blood veins from the fundus image to detect Diabetic retinopathy	Prateek Sengar; V. Mohana Gupta; Surya Teja D; Sanchit Gupta
13	1570269708	Intelligent Control of Four DOF Robotic Arm	Neelu Nagpal; Bharat Bhushan; Vijyant Agarwal