

International Conference in Renewable Energies and Its applications (ISREA-15)

Session-I & Track-1 (2.30 PM to 4.30PM)

Venue: PG Auditorium

Date: 05/03/2015

Chairpersons: Dr. C.V. Aravind, Dr. C. Easwarlal

S. NO	Paper ID	Title of the paper	Name of College	Author Name
1	1189	Effect of Harmonics in an MSME: A Case Study	Gandhigram Rural Institute,	Mr.K.Kamaleswaran
2	1095	Rescheduling of Loads by Smart Home Energy Management System	VIT University	Pallavi Rath
3	1188	GREEN CAMPUS INTIATIVES OF GRI : A CRITICAL ANAYSIS OF AN ACADEMIC	Gandhigram Rural Institute,	Mr. M. Venkateshwaran
4	1091	Mitigation of Current Quality Issues in a DG integrated Shunt Active Filter with Hysteresis Control	Velammal Engineering College	Dr.S. Srinath/A.Mahesh
5	1187	Effect of Air Velocity on Producer Gas Quality in the Downdraft Gasifier.	Gandhigram Rural Institute,	U.Mahitha
6	1185	Frequency Control of a Stand Alone Hybrid Wind and Solar Based Distributed Generation System through an Optimized Energy	VIT University	Rini Ann Jerin.A
7	1190	Sustainable Rural Energy Planning : A Case Study	Gandhigram Rural Institute,	Ms. Aarthy Vigneshwar
8	1143	Power Quality Enhancement Using Distributed Generation integrated Unified Power Quality Conditioner	Velammal Engineering College	S.Boonachellam,
9	1004	Particle Swarm Optimization based Optimal Placement of Energy Storage Units within a Power	Annamacharya Institute of Tech &Sciences	K.R.Vadivelu
10	1136	Augmenting Solar Panel with UltraCapacitor for Transient Power Delivery	KCG College of Technology	BARATRAJ E
11	1119	Design and Simulation of Photovoltaic based Microgrid under changing Environment conditions	SSN College of Engineering	Ramaprabha Ramabadran
12	1149	Lower Order Harmonic Minimization In New Multi-Level Inverter Topology Using Particle Swarm Optimization	SSN College of Engineering	Dr.M.BALAJI,
13	1155	SSR Mitigation and Damping Power System Oscillation in a Series compensated Wind Generation System	Velammal, Engineering college	S.Vivek
14	1055	Active solar distillation with forced condensation	VelTech	A.Muthu Manokar,
15	1159	Enhancement of Stability in Distribution Network Comprising of Distributed Generator	Velammal Engineering College	Charlet Priya R

International Conference in Renewable Energies and Its applications (ISREA-15)

Session-I & Track-II(2.30 PM to 4.30PM)

Venue MBA Conference Hall

Date: 05/03/2015

Chairpersons: Dr. I. Gnanambal, Dr. S. Padma

S.N O	Paper ID	Title of the paper	Name of College	Author Name
1	1083	An Control MPPT Algorithm For Wind Energy Conversion System	Annamacharya Institute of Tech & Sciences	K.Padmanabham
2	1043	Enhancement of Stability Using FACTS Based ANFIS Controller in Single Machine Infinite Bus	P.S.R.Rengasamy college of Engineering for women, Sivakasi.	P.Sathyaseela
3	1104	Distribution Power Loss Allocation In Radial Systems For Active And Reactive Power Flows Of Lines	Annamacharya Institute of Tech & Sciences	SHAIK IMRAN
4	1044	A Novel Concept of Reactive Power Sharing in Interline Power System Using Droop Control	P.S.R.Rengasamy college of Engineering for women, Sivakasi.	M.Gowri
5	1194	Control And Implementation Of DC/DC SEPIC Converter For Low Power Applications	Sathyabama University	K.S.Sharmila
6	1169	Investigation of Modified Pole Shapes on the Performance of the Linear Switched Reluctance Motor	SSN College of Engineering	K.V. Iswarya K.V, M. Balaji
7	1079	Shunt active filter using RBFNN algorithm for PQ conditioning	SATHYABAMA UNIVERSITY	M.SAHITHULLAH
8	1094	Performance of D-STATCOM and DVR on System Voltage Regulation by SVPWM Technique	VIT University	S. Meikandasivam,
9	1082	A TWO STAGE IMPLEMENTATION OF A DC –AC CONVERTER FOR RENEWABLE APPLICATION	SATHYABAMA UNIVERSITY	MADHUSMITA PATNAIK
10	1112	PSpice Simulation Design and Implementation of Single Phase Step-down Cycloconverter	SSN College of Engineering	Ramaprabha Ramabadran
11	1182	Performance Analysis of Multi Flux Induction Motor	R.V.S. College of Engineering and Technology,	T.R.Rajalakshmi
12	1132	Design of Temperature Data-logger for Biomass Cook-stoves	VIT University	Karthik Srinivas
13	1163	Variable Frequency Drive Using Diode Clamp Multilevel Inverter	Pavai Engineering College	Priyanga R
14	1156	Modeling And Simulation Of High Gain Dc-Dc Converters Using Coupled Inductor	VIT University	D.Elangovan
15	1161	Improvement in Current Quality Issues in Grid Connected Renewable Energy Sources Using D-STATCOM	Velammal Engineering College	R.Vinu Rashini,

International Conference in Renewable Energies and Its applications (ISREA-15)

Session-I & Track-III (2.30 PM to 4.30 PM) Venue: Mechanical Conference Hall Date: 05/03/2015

Chairpersons: Dr. D. Murali, Dr. M.Senthilkumar

SI No	Paper ID	TITLE OF THE PAPER	NAME OF THE COLLEGE	AUTHOR NAME
1	1131	A Multi Objective PSO Algorithm for Sizing and Allocation of DG's From DG's Owners and Disco's View Points	Annamacharya Institute of Tech & Sciences	L.SIVA PRASAD
2	1045	Enhancement of Stability in an Integrated Grid – Connected Offshore Wind Farm and Seashore Wave Farm Using UPFC	P.S.R.Rengasamy college of Engineering for women, Sivakasi.	P.Ponmehala
3	1092	Effect of New Converter Transformer with Inductive Active Filtering in Distribution System	Velammal Engineering College	Dr.S. Srinath/R.Siva
4	1046	Supply Reliability and Generation Cost Analysis in Unit Commitment Problem	P.S.R.Rengasamy college of Engineering for women, Sivakasi.	M.PADMA REGA
5	1010	Advanced adaptive cruise control using cooperative scheduler and Fuzzy logic control	BTL Institute of Technology, Bangalore	Mr. Basavaraj G. Kudamble
6	1047	Genetic Algorithm for Congestion Relief by Generator Rescheduling	P.S.R.Rengasamy college of Engineering for women, Sivakasi.	A.Priya
7	1168	Concentration Control of Isothermal Continuous Stirred Tank Reactor using Artificial Bee Colony Algorithm	Annamalai University	M.NAGARAJAN
8	1053	Fuzzy Logic Based Tuning of STATCOM in a DG System	P.S.R.Rengasamy college of Engineering for women, Sivakasi.	Sudha Janaki
9	1145	Design and Implementation of MGA-FAPI Controller for Pressure Process System	Annamalai University	A. Ganesh Ram
10	1058	Detailed Analysis of Modulation Techniques to Reduce Leakage Current in Transformerless Fivelevel inverters for Photovoltaic	SSN College of Engineering	Dr.R.Ramaprabha/arul dhana mathy
11	1059	Fault Protection in Two Level Single Switch DC - DC Boost Converter for Distributed Generation Systems	SSN College of Engineering	Balaji Nagaraj.K
12	1154	Current Fed Switched Inverter For Dc Nanogrid Applications	VIT University	Dr. S Umashankar,
13	1175	THE EFFICIENT PUSH PULL CONVERTERS WITH THE SWITCHING TECHNIQUES	Adhiparasakthi Engineering College,	R.S.Preethishri Dr.P.Radika
14	1087	Linearized Transfer Function Model of Biomass Based Heavy Duty Gas Turbine Plants	Sri Ramakrishna Institute of Technology	Mohamed Iqbal.M,
15	1157	A New Converter for Switched Reluctance Motor with Reduced Torque and Current Ripple	Dr. N.G.P Instiute of Technology	Divya A.C.

International Conference in Renewable Enenrgies and Its applications (ISREA-15)

Session-II & Track-IV(9.30am to 11.15am)

Venue: Main Building Seminar Hall

Date: 06/03/2015

Chairpersons: Dr. R.Arulmozhiyal, Dr. A. Jagadeeshwaran

SNO	Paper ID	TITLE OF THE PAPER	NAME OF THE COLLEGE	AUTHOR NAME
1	1013	Model Predictive Control Based Torque Ripple minimization of Matrix Converter-Fed PMSM Drives	K.S.R. College of Engineering	Kannan
2	1014	Design and Implementation of Genetic Algorithm Based PI Controller for Induction Motor Speed Control	K.S.R. College of Engineering	S.Selvi
3	1075	CLOSED LOOP SPEED CONTROL OF BLDC MOTOR USING LABVIEW AND ARDUINO	Sona College of Technology	Govind Raj
4	1096	Simulation Model Of Switched Reluctance Generator For Wind Energy Applications	Sona College of Technology	Agnes Erica
5	1015	POWER QUALITY ANALYSIS OF GRID CONNECTED WIND ENERGY CONVERSION SYSTEM UNDER VARYING WIND SPEED	Sri Ramakrishna Institute Of Technology	R.Hemalatha
6	1022	A NOVEL FOUR PHASE INTERLEAVED BOOST CONVERTER FOR A STANDALONE HYBRID POWER SYSTEM USING RENEWABLE	Kongu Engineering College,	S.JanaRanjini
7	1024	Improved Cascaded Multilevel Inverter with Reactive Power Control - Based STATCOM for High-Power Applications	SNS College of Technology	S.Sabarisan
8	1039	DESIGN OF SPLIT INDUCTOR NEUTRAL POINT CLAMPED MULTILEVEL INVERTER FOR GRID CONNECTED PV SYSTEM	Bannari Amman Institute of Technology	Mahalakshmi Balasubramaniyam
9	1057	Reduction of Standby Power Consumption in Home Appliances	K.S.R. College of Engineering	Preethi.M
10	1061	HIGH EFFICIENCY T-SOURCE INVERTER FOR INDUCTION HEATING	K.S.R. College of Engineering	Arunyuvaraj k
11	1073	Dynamic Modelling and Simulation Analysis of a Non-ideal Buck Switching Regulator	Government College of Engineering, Salem	B.Janaranjani.
12	1076	REDUCTION OF EMI IN CUK CONVERTER FOR AIRCRAFT APPLICATION	Bannari Amman Institute of Technology	Maniprasad S
13	1080	NOVEL DC- DC CONVERTER INCORPORATING VOLTAGE LIFT TECHNIQUE	Bannari Amman Institute of Technology	S.Bhuvanesh
14	1106	Enhancing the Stability of a Single bus system using shunt active filter	Muthayammal Engineering College, Rasipuram.	K.Madumathi,
15	1120	Comparative Analysis of Current Control Techniques of Shunt Active Power Filter	Bannari Amman Institute of Technology	Vishnu Raajan

International Conference in Renewable Enenergies and Its applications (ISREA-15)

Session-II & Track-V(9.30am to 11.15am) Venue: Mechanical Conference Hall Date: 06/03/2015

Chairpersons: Dr. G. Muruganandam, Dr. C. B. Venkataramanan

SI NO	Paper ID	TITLE OF THE PAPER	NAME OF THE COLLEGE	AUTHOR NAME
1	1019	An Isolated Multiport DC-DC Converter With Decoupled Power Flow Management of Multiple Renewable Energy Sources	KSR College of Engineering,	S.yamini
2	1021	MODELLING AND ANALYSIS OF UPFC CONTROLLER FOR POWER	Sri Ramakrishna Institute Of Technology	S.Shenbaga Priya,S.Sangeetha
3	1029	Investigations On The Design Aspects Of First Order Controller For Type 1 Third Order System	Sri Ramakrishna Institute of Technology	Hazim Haneef
4	1048	Dual unified power quality conditioner for three-phase four-wire distribution	K.S.R. College of Engineering	M.Kiruthika
5	1068	Stability Enhancement of Microgrid Using Hybrid Controlled Storage System	Muthayammal Engineering College, Rasipuram.	T.Divya
6	1133	Ann Based Grid Connected Pv-Mic Using Cascaded Qzsi	Sona College of Technology	Shanmuga Priya
7	1074	Simulation Analysis of 7-level Reduced Switch MLI Topology using Level Shifting Carrier-based PWM Techniques	Government College of Engineering, Salem	K.Srilatha.
8	1077	HARMONIC ANALYSIS OF SINGLE PHASE NON-LINEAR LOADS USING SHUNT ACTIVE POWER FILTER	Bannari Amman Institute of Technology	Swathi krishna
9	1031	OPTIMIZATION OF MICRO TURBINE GENERATION USING FUZZY LOGIC	Sona College of Technology	G.Saravanan
10	1089	Optimal Pricing using Interior Point Algorithm for Deregulated Market in Power System	Sri Ramakrishna Institute of Technology	Dev Kumari.A, 2Joseph
11	1121	Design of 31 level cascaded multilevel inverter for Hybrid power Generation for small scale applications	Anna University, Chennai	suresh krishnan
12	1128	Automation Based Power Grid Control Station Using Plc & Scada	JAY SHRIRAM GROUP OF INSTITUTIONS	J.KIRUBAKARAN1,T.VIGNESH2
13	1170	Investigation of transformer inrush phenomena and their harmonic restraint methods: theory, simulation and experimental set up	Sona College of Technology	M.Gopila
14	1141	A single stage energy conversion for PV source using Quasi-z-source PV inverter	Kalaingar Karunanidhi Institute of Technology, Coimbatore,	R. Thangaraj
15	1134	Zvs Active-Clamped Isolated Dc/Dc Converter For Pmdc Drives Using Pid Controller	Sona College of Technology	Sindhiya G

International Conference in Renewable Energies and Its applications (ISREA-15)

Session-II & Track-VI (9:30 am to 11:15am)

Venue: Edison Hall

Date:06/03/2015

Chairpersons: Dr. S. Sabeenian, Dr. Nirmalapriya

S NO	Paper ID	TITLE OF THE PAPER	NAME OF THE COLLEGE	AUTHOR NAME
1	1069	A NOVEL UNSTRUCTURED PEER TO PEER FILE DISTRIBUTION SYSTEM USING	Panimalar Engineering College,	S.Akilesh
2	1180	VIRUS DETECTION BY USING A PATTERN MATCHING ALGORITHM FOR NETWORK SECURITY	KSR College of Engineering	G.Prabu 1,
3	1088	Reconfigurable virtual architecture for memory scrubbers(VAMS) for SRAM based FPGA's	Government College of Technology, Coimbatore	A.Ahilan
4	1090	Efficient Power Reduction and Glitch Free MUX Based Digitally Controlled Delay Line	Sri Ramakrishna Institute of Technology	Selvi.N
5	1093	Design of Low Area FIR Filter Using Estimation Distribution Technique	Government College of Technology, Coimbatore	Padmapriya.S
6	1103	Diversely Combine Techniques for Footprint Recognition	Saint Peters University	Ambeth Kumar
7	1105	Automatic Fall Detection And Alerting Using An Android Smartphone	Saveetha College of Engineering	Ambeth Kumar
8	1116	Design and Implementation of Motion Artifact reduction ASIC for wearable ECG recording	Saveetha College of Engineering	Anusuya
9	1124	Design Of Low Power Reversible Sequential Circuits	KSR College of Engineering	Karpagavalli S
10	1152	Design of Energy Efficient Approximate Adders for High Performance Computing Applications	Government College of Technology, Coimbatore	Anusha
11	1164	TWO WHEELER PERSONAL DATA LOGGING SYSTEM USING GSM MODEM	Knowledge Institute of Technology,	Clara.J,
12	1165	Improved feature retaining algorithm using bi-kernel for impulse noise removal	Saveetha College of Engineering	Prof.R.GAYATHRI
13	1166	ZIGBEE BASED MOBILE BILLING SYSTEM	Knowledge Institute of Technology,	Malathi Tamilvanan
14	1167	Motion Estimation and Detection for Curved UHD TV	King College of Technology	Mrs.K.Vidyavathi
15	1178	AUTOMATIC SEGMENTATION OF RIGHT VENTRICLE FROM CARDIAC MRI"	KSR College of Engineering	Sindhuja

International Conference in Renewable Energies and Its applications (ISREA-15)

Session-III & Track-VII (11:30am- 01:15pm) Venue: Main Building Seminar Hall Date: 06/03/2015

Chairpersons: Dr. R. Arulmozhiyal, Dr. C. Easwarlal

SNO	Paper ID	TITLE OF THE PAPER	NAME OF THE COLLEGE	AUTHOR NAME
1	1123	Comparison of CUK, SEPIC and ZETA DC-DC Topologies Based Electronic Ballasts for Fluorescent Lamp Applications	Bannari Amman Institute of Technology	Nithy G
2	1129	Application of Fruit Fly Algorithm for Optimal Power Flow Problem	Adhiyaman College of Engineering	R.Sathish
3	1138	Bidirectional Soft Switching PWM Non-Isolated DC-DC Converter Embedding an Edge Resonant Switched Capacitor cell	Government College of Engineering, Salem	N.Tamizharasi,
4	1139	Energy Management In Permanant Magnet Synchronous Generator Based Remote Area Power Supply System With Hybrid Energy Storage	Kalaingar Karunanidhi Institute of	Vijayakumar.R1,
5	1153	Optimal Location and Sizing of Distributed Generation through black hole algorithm for Improving Voltage Stability	Adhiyaman College of Engineering	R.Hema,
6	1158	Load Frequency Control for Multi Area Interconnected Power Systems Tuned by Tabu search Algorithm	Adhiyaman College of Engineering	V.seenivasan,
7	1007	Analysis of Neutral Point Clamped Multilevel Inverter Using Space Vector	Bannari Amman Institute of Technology	Anand
8	1008	NEW ELECTRONIC BALLAST BASED ON ZETA PFC TOPOLOGY W	Bannari Amman Institute of Technology	Nithy Ganesh
9	1097	Analysis of Z-Source Inverter with Zig-Zag Transformer for Photovoltaic System	Sona College of Technology	Thirumalini P
10	1098	Design and Performance of a Bidirectional Isolated DC-DC Converter for Battery Energy Storage System	Sona College of Technology	Pavithra.R
11	1111	Variable Speed Coaxial Magnetic Gear with Halbach Array	Sona College of Technology	Gokul Raj
12	1130	Design Methodology Of Llc Resonan T Converters For Servo Drives With Anfis	Sona College of Technology	G.Saranya
13	1012	HYSTERESIS CONTROLLED Z-SOURCE INVERTER FOR UPS APPLI	Bannari Amman Institute of Technology	M.Lakshmana Kumar
14	1070	A NEW TOPOLOGY OF SINGLE-PHASE T-SOURCE BUCK MATRIX C	Bannari Amman Institute of Technology	S.Vishwanathan
15	1140	Design of SEPIC Converter Based PV Charger System	Sona College of Technology	manju Priya
16	1200	ANFIS-Controller Based Speed Control of BLDC Motor using Six Pulse Inverter	Sathyabama University	Basinepalli Prakash Reddy

International Conference in Renewable Enenrgies and Its applications (ISREA-15)

Session-III & Track-VIII (11:30am- 01:15pm) Venue: Mechanical Conference Hall Date: 06/03/2015

Chairpersons: Dr. K.Krishnamoorthi, Prof. M. Porkodi

SI NO	Paper ID	TITLE OF THE PAPER	NAME OF THE COLLEGE	AUTHOR NAME
1	1085	LOAD PROFILE ESTIMATION OF LARGE ELECTRICITY CUSTOMERS USING CLUSTERING ALGORITHM	Adhiyaman College of Engineering	Vijayakumari M
2	1040	An Adjustable Speed Zeta Converter Fed BLDC Motor Drive for Household Applications	Sona College of Technology	S.Karthikeyan
3	1054	Simulation of Multilevel Inverter with Reduced Number of Switches using Matlab/Simlink	Sona College of Technology	Vikneshwaran G
4	1064	REALIZATION ON SPEED CONTROL OF BLDC MOTOR DRIVE FOR DOMESTIC FAN APPLICATION	Sona College of Technology	Sowmiya T
5	1162	An Advanced High Frequency Link AC-AC Converter For Voltage Compensation Using Fuzzy Logic Controller Based SPWM	KSR College of Engineering,	C.Shanmugam
6	1142	Power system security analysis by trend oriented method based load forecasting	Adhiyaman College of Engineering	Nandha Kumar
7	1150	Nonlinear Robust Excitation Controller Design For Multimachine Power System	Adhiyaman College of Engineering	Vignesh B.J1,
8	1183	AN ENHANCED DYNAMIC REDUCTION METHOD FOR TRANSIENT STABILITY CONSTRAINED POWER FLOW	Adhiyaman College of Engineering	Rajasekar.M
9	1176	A Novel Fuzzy Logic Based Isolated DC-DC Boost Converter for Fuel Cell Application	Government College of Engineering, Salem	N Balaji
10	1186	Hybrid Particle Swarm Optimization-Ant Colony Optimization for Multi Objective Optimal Power Flow	Bannari Amman Institute of Technology	Rinju C R
11	1151	Fast Assessment Of Static Available Transfer Capability	Adhiyaman College of Engineering	Udhayamoorthy K
12	1135	Power System Stability Based On Contourlet Transforms With Load Shedding Priority	Adhiyaman College of Engineering	Aravindhan.S
13	1102	Investigation of Energy storage device in Hydro- Thermal Power systems using Fuzzy Logic Controller	Sona College of Technology	V.ShanmugaSundaram1
14	1198	A Novel Multilevel Inverter Topology with Reduced Switches	Annapoorana Engineering College, Salem.	R.Venkatesh
15	1199	Performance Analysis of Three Port Bidirectional DC to DC Converter	V.M.K.V Engineering College,	R. Devarajan
16	1201	Design of Adaptive Based Controller for a Three Tank Process	Annamalai University,	1N. Kanagasabai