

DEPARTMENT OF EEE
ACADEMIC YEAR : 2016 - 2017
Faculty journal publication details

S.NO	NAME OF THE FACULTY	JOURNAL	TITLE	ISSN No	Page No	Year /Month	Indexing
1	Mr.S. Dinesh Kumar, Mr.PL. Somasundaram	International Journal Of Control Theory And Applications	Power Quality Improvement in Renewable energy Source Interfacing with Main Grid by Implementation Of Shunt Active Filter	ISSN:0974-5572	125-130	2017	Scopus & ICI
2	Mr.R. Senthil Kumar M.Ramesh K.Sundararaju	International Journal Of Control Theory And Applications	Design Of Multi Stack Voltage Equalizer For Partially Shaded PV Modules Using Artificial Neural Network	ISSN:0974-5572	1 to 19	2017	Scopus & ICI
3	Ms.S.Kiruthika Mr.R. Senthil Kumar	International Journal Of Control Theory And Applications	Modelling and Simulation Of Open Loop And Closed Loop Single-Stage High Frequency Resonant AC/AC Converter	ISSN:0974-5572	1 to 12	2017	Scopus & ICI
4	Mr.T. Gowtham Raj, Ms.P.Ranjani	International Journal Of Control Theory And Applications	Novel Analysis from Developed Dc-DC Converters FED BLDC Motor Cum Solar PV Array	ISSN:0974-5572	143-153	2017	Scopus & ICI
5	S.K. Saranya Mr.GN. Sachin Amreiss	International Journal Of Control Theory And Applications	Harmonic Analysis in Three Phase Three Level Inverter In Solar PV Array using MPPT Controller and DC-DC Converter	ISSN:0974-5572	179-186	2017	Scopus & ICI
6	Mr.PL. Somasundaram V.Jayakumar	International Journal Of Control Theory And Applications	Comparative Analysis Of Different Wheeling Charge Methodologies	ISSN:0974-5572	299 -305	2017	Scopus & ICI
7	Mr.S. Dinesh Kumar, Mr.PL. Somasundaram	Journal of Chemical and Pharmaceutical Sciences	Implementation of Shunt Active Filter for Power Quality Improvement in Renewable Energy Source Interfacing with Main Grid	ISSN:0974-2115	246-250	Feb-17	ICI
8	Mr.S. Dinesh Kumar, Mr.GN. Sachin Amreiss	Journal of Chemical and Pharmaceutical Sciences	Expertise Slanting Distorted Source Voltage of Hybrid Filter in Series Combination	ISSN:0974-2115	251-253	Feb-17	ICI
9	Mrs.Banumathi S, Ms.Jeyapriya M	Journal of Chemical and Pharmaceutical Sciences	Fuzzy Logic Based Speed Control Technique for Switched Reluctance Motor	ISSN:0974-2115	254-260	Feb-17	ICI
10	Mr.P. Maniraj, Mr M. Ramesh	Journal of Chemical and Pharmaceutical Sciences	Advanced Single-Stage Power Factor Correction Converter	ISSN:0974-2115	261-274	Feb-17	ICI
11	Mr .PL. Somasundaram, Mr .AL. Chokalingam	Journal of Chemical and Pharmaceutical Sciences	Framework for Contingency Ranking at Various Uncertainty Conditions under Deregulated Environment	ISSN:0974-2115	265-269	Feb-17	ICI
12	Mr.PL. Somasundaram, Mr.S. Dineshkumar	Journal of Chemical and Pharmaceutical Sciences	Reactive Power Pricing in Restructured Power Market	ISSN:0974-2115	270-274	Feb-17	ICI
13	Mr.PL. Somasundaram, Mr. V. Jayakumar	Journal of Chemical and Pharmaceutical Sciences	Computation of Short Run Marginal Cost in Open Access Transmission System	ISSN:0974-2115	275-279	Feb-17	ICI
14	Mr.T. Gowtham Raj, S.K. Saranya	Journal of Chemical and Pharmaceutical Sciences	Harmonics Reduction using L-Z Source Inverter and Voltage Source Inverter for Distributed Generation System	ISSN:0974-2115	280-283	Feb-17	ICI
15	Mr.T. Gowtham Raj, Mr.M. Ramesh, Mr.S. Dinesh Kumar	Journal of Chemical and Pharmaceutical Sciences	Performance Analysis of BLDC Motor Using CUK and Luo Converter	ISSN:0974-2115	284-288	Feb-17	ICI
16	Ms.R. Indhumathi, Ms E. Therese Reena Smiline,	Journal of Chemical and Pharmaceutical Sciences	Hybrid System with Dynamic Voltage Restorer for Power Quality Improvement	ISSN:0974-2115	289-293	Feb-17	ICI
17	Dr.K. Sundararaju, Ms. P. Ranjani	Journal of Chemical and Pharmaceutical Sciences	Design of SEPIC Converter Fed Brushless DC Motor CUM Solar PV Array	ISSN:0974-2115	294-298	Feb-17	ICI
18	Ms.M. Jeyapriya, Mrs.S. Banumathi	Journal of Chemical and Pharmaceutical Sciences	Comparable Action of single phase Transformer less GRID - Coupled PV Inverters with Common AC and DC load	ISSN:0974-2115	299-304	Feb-17	ICI
19	Mr.P. Maniraj, Mr.P. Vignesh	Journal of Chemical and Pharmaceutical Sciences	Comparative Analysis of G.A, PSO, QPSO in the Economic Load Dispatch Problem with Generator Constraints	ISSN:0974-2115	305-311	Feb-17	ICI
20	Mr.P. Maniraj, Mr. T. Gowthamraj	Journal of Chemical and Pharmaceutical Sciences	Novel current control strategy for current source converter in Weak Grids / Micro grids with D and Q Axis Currents	ISSN:0974-2115	312-318	Feb-17	ICI
21	Mr.GN. Sachinamreiss, Mr.S. Dineshkumar, Dr. S. Banumathi	Journal of Chemical and Pharmaceutical Sciences	Comparative Analysis of Conventional Converter System over Multiport Converter	ISSN:0974-2115	319-324	Feb-17	ICI
22	Mr.Manikandan S, Santhoshini P	Journal of Chemical and Pharmaceutical Sciences	Simulation And Implementation of Active Front End Rectifier	ISSN:0974-2115	325-331	Feb-17	ICI
23	Mr.R. Senthil Kumar,Mr. Mr.M.Yuvaraj	Journal of Chemical and Pharmaceutical Sciences	New Current Estimation Fault Tolerant of Induction Motor Using Fuzzy Logic	ISSN:0974-2115	332-337	Feb-17	ICI
24	Mr.R. Senthil Kumar, Mr. Gerald Christopher Raj I	Journal of Chemical and Pharmaceutical Sciences	Extended Optimal OCR Coordination Using Predictable Transient Stability Decision Tree Methodology in Interconnected Power System	ISSN:0974-2115	338-344	Jan-17	ICI

25	Mr.R. Senthil Kumar, Mr. B. Rajesh Kumar,	Journal of Chemical and Pharmaceutical Sciences	Fault Diagnosis of Three Phase Induction Motors by using Kernal Based SVM Classifiers	ISSN:0974-2115	345-349	Feb-17	ICI
26	Mr.PL. Somasundaram, Mr.T. Gowtham Raj	Journal of Chemical and Pharmaceutical Sciences	Congestion Management using Facts devices in Open transmission access system	ISSN:0974-2115	350-356	Feb-17	ICI
27	Mr.R. Senthil Kumar	International journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering	A fuzzy logic based power plant conveyor coal fired boiler system	ISSN:2320-3765	526-533	Feb-17	ICI
28	S.Kirthika	International journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering	Closed loop control of Multiphase rectifier using novel modulation techniques	ISSN:2320-3765	519-525	Feb-17	ICI
29	Mr.R. Senthil Kumar	International journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering	Implementation of Five Level Cascaded Hybrid Bridge Multilevel Inverter Using SEPIC Converter	ISSN:2320-3765	203-209	Jan-17	ICI
30	Mrs.S. Banumathi	International journal of Innovative research in Electrical,Electronics and Instrumentation and Control Engineering	A Variable Speed BLDC Motor Drive Fe from A PFC Based Bridgeless Synchronous Buck Boost Converter	ISSN:2320-2004	38-41	Feb-17	ICI
31	Mrs.S. Banumathi	International journal of Scientific Engineering And Applied Science	A Fully Integrated Three level Isolated Single Stage AC-DC Power Factor Correction Converter	ISSN:2395-3470	74-79	Feb-17	ICI
32	Ms.P.Santhoshini	International Journal of Innovative Research and Studies	Over Voltage and Fault Current Limitation In A distribution Network With Distributed Generation Units via Superconducting Fault Current Limiter	ISSN:2394-4404	51-55	Dec-16	ICI
33	Ms.M.Lincy Luciana Ms.S.Sunandha	Journal of Chemical and Pharmaceutical Sciences	Mitigation of Harmonics by Fuzzy Logic Control Based Active Filter with Different Fuzzy Membership Functions	ISSN:0974-2115	133-138	Dec-16	Scopus
34	Ms.K. Divya, Mrs.A. Saranya	Journal of Chemical and Pharmaceutical Sciences	Battery Charging System using Soft Computing technique	ISSN:0974-2115	116-118	Dec-16	Scopus
35	Ms.S. Sunandha, Ms.K. Sarasvathi	Journal of Chemical and Pharmaceutical Sciences	Design of Novel Dynamic Voltage Restorer for Power Quality Improvement	ISSN:0974-2115	61-66	Dec-16	Scopus
36	Mr.K. Sundararaju, Mr.R. Senthilkumar, Mr. M. Yuvaraj	Journal of Chemical and Pharmaceutical Sciences	Design of A Fuzzy Based Multi-Stack Voltage Equalizer for Partially Shaded PV Modules	ISSN:0974-2115	52-57	Dec-16	Scopus
37	Ms.K. Sarasvathi, Ms. M. Lincy Luciana	Journal of Chemical and Pharmaceutical Sciences	Performance analysis of shunt active filter with hysteresis Current control Technique	ISSN:0974-2115	46-51	Dec-16	Scopus
38	Ms.P. Santhoshini, Mr. P. Maniraj	Journal of Chemical and Pharmaceutical Sciences	SEPIC Converter Based Dynamic Power Tracking From Wind Energy Conversion System	ISSN:0974-2115	41-45	Dec-16	Scopus
39	Ms.P. Ranjani, Mr.A.L. Chockalingam	Journal of Chemical and Pharmaceutical Sciences	Solid Non-Biodegradable Waste Segregation Using Matlab and Robotic ARM	ISSN:0974-2115	33-37	Dec-16	Scopus
40	Ms.P.Alageswari, Ms. S. Kirthika	Journal of Chemical and Pharmaceutical Sciences	Charging series hybrid electrical vehicle Traction battery with design of DC/DC converter	ISSN:0974-2115	05 to 08	Dec-16	Scopus
41	Mr.T.Gowtham Raj,Mr.P.L.Somasundaram	Journal Of Advances in Chemistry	Harmonic Analysis For Solar PV Array Fed VSI Using Current Controller	ISSN 2321-807x	4924-4930	Nov-16	ICI
42	Mr.M.Ramesh, Mr.R.Senthil Kumar Mr.P.Maniraj	Journal Of Advances in Chemistry	Performance analysis of Cascaded multi level inverter with PI and Neural techniques	ISSN 2321-807x	4992 - 5001	Nov-16	ICI
43	Mr.GN.Sachinamresiss Mr.s.Dineshkumar	Journal Of Advances in Chemistry	Eleven Level inverter design with DVR for Distribution Energy System	ISSN 2321-807x	5116-5121	Nov-16	ICI

44	Mr.B.Rajesh Kumar Mrs.S.Ishwarya	Journal Of Advances in Chemistry	Mitigate the real power losses in radial distribution network using DG by ABC algorithm	ISSN 2321-807x	5273- 5284	Nov-16	ICI
45	Ms.R.Indhumathi Mr.PL.Somasundaram	Journal Of Advances in Chemistry	PV Statcom based control strategies for power quality enhancement	ISSN 2321-807x	5080-5087	Nov-16	ICI
46	Mrs.S.Banumathi Mr.S.Chandrasekar	Journal Of Advances in Chemistry	Analysis of breakdown strength and physical characteristics of vegetable oils for high voltage insulation applications	ISSN 2321-807x	4902-4912	Nov-16	ICI
47	Ms.M.Jayapriya Ms.E.Therese Reena Smiline Ms.G.Nandhini	Journal Of Advances in Chemistry	Analysis of AC/DC/AC conversion process in DFIG and BLDC machine by using Sepic converter in the front end	ISSN 2321-807x	5494-5500	Dec-16	ICI
48	Mr.V.Jayakumar Mr.S.Arun Mr. Yuvaraj	Journal Of Advances in Chemistry	Single Phase Fifteen Level inverter using seven switches for industrial applications	ISSN 2321-807x	5355-5364	Dec-16	ICI
49	Mr.R.Sreenivasan Mr.V.Jayakumar	Journal Of Advances in Chemistry	Design and implementation of 9-level Trinity DC source inverter using Embedded Controller	ISSN 2321-807x	5316-5322	Dec-16	ICI
50	Mr.A.Karthi Mr.G.Sabaresh	Journal Of Advances in Chemistry	Design of Internet Controlled Switch Box using IOT	ISSN 2321-807x	5104-5108	Nov-16	ICI
51	Ms.S.Kirthika Ms.P.Alageswari Mr.R.Senthil Kumar	Journal Of Advances in Chemistry	A Desinged Method of 48-pulse Diode Rectifier with Coupled Three Phase Reactor	ISSN 2321-807x	4956-4962	Nov-16	ICI
52	Mr.B.Rajesh Kumar Mrs.S.Ishwarya	Journal Of Advances in Chemistry	Smart grid Power Factor Correction and Maintenance in Consumer Side Using RFID Based Power Line Carrier	ISSN 2321-807x	4799-4806	Nov-16	ICI
53	Ms.S.K.Saranya Mr.T.Gowthamraj Ms.P.Ranjani	Journal Of Advances in Chemistry	THD Analysis in three phase -Three level VSI With MPPT Tracker And Sepic Converter For Solar PV Array	ISSN 2321-807x	4895-4901	Nov-16	ICI
54	Mr.M.Ramesh, Mr.S.Dinesh Kumar	Journal Of Advances in Chemistry	Cascaded Boost Converter Using Fuzzy And Sliding Mode Control To Improve The Capability Of Grid Interacted PV Systems	ISSN 2321-807x	4623-4630	16-Oct	ICI
55	Dr.K.Sundararaju, Mr.R.Senthil kumar	Journal Of Advances in Chemistry	Modelling and Analysis of Real Time Power System with Cascaded Multilevel STATCOM using Fuzzy Controller	ISSN 2321-807x	4408 -4417	16-Oct	ICI
56	Mr.R.Senthil Kumar Mr.M.Ramesh, Mr.M.Yuvaraj	Journal Of Advances in Chemistry	Speed Sensor Fault Detection And Diagnosis Of Induction Motor Using Fuzzy Based Fault Tolerant Algorithm	ISSN 2321-807x	4741-4748	Nov-16	ICI
57	Mr.R.SenthilKumar Mrs.A.Mariyasindhuja	i-Managers journal on Power Systems Engineering	Sepic based multi-stack voltage equalizer for partially shaded PV modules using Fuzzy Logic Controller	Vol.4*No.2	38-46	Jul-16	ICI
58	Ms.P.Alageswari	International journal of system design and information processing	Design of SM controller technique for photo voltaic system with DC-DC converter	ISSN 2321-0591	1 to 5	16-Aug	ICI
59	Ms.K.Divya	GE International Journal of engineering research	Power Efficiency improvement method for bi-directional dual active bridge DC-DC converter	ISSN 2321-1717	92-96	Jun-16	ICI
60	Mr.S.Dinesh Kumar	GE International Journal of engineering research	Series Combination of hybrid filter with distorted source voltage	ISSN 2321-1717	78-84	Jun-16	ICI
61	Dr.R.Karthikeyan	Scientific Research and Publishing	Comparison and Performance Analysis of FACTs Controller in System Stability	ISSN 2948-2958	2948-2958	Aug-16	ICI
62	Dr.R.Karthikeyan	Journal Of Advances in Chemistry	Improving Transient Stability by Placement of Unified Power Flow Controller(UPFC) using Genetic Algorithm	ISSN 2321-807x	4281-4289	Aug-16	ICI
63	P.Maniraj, M.Ramesh	International Journal of Emerging Trends in Science and Technology	UPQC Based Control Strategy for Weak / Islanded Grids	ISSN: 2349-7866	34-39	Jun-17	ICI
64	Mr.B.Balraj Mrs.J.Uma	International journal of emerging trends in science & technology	control and automation of dump valves in paper industrial processusing programmable logic controllers	ISSN:2349-7866	26-29	Feb-17	UGC
65	Mr.B.Balraj	IET- system biology	Isolation, charactreization and enzymatic activity of streptomycetes sp. And pH control during fermentation process	ISSN:1751-8849	1 to 5	Mar-17	SCI-E
66	Mr.PL.Somasundaram	International Journal Of Control Theory And Applications	Overload alleviation using Facts Devices in Restructured power system	ISSN:0974-5572	1 to 11	2017	Scopus &ICI

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