



St. JOSEPH'S COLLEGE OF ENGINEERING

(St. Joseph's Group Of Institutions)
OMR, CHENNAI -600 119

Department of Electrical and Electronics Engineering

STAFF PUBLICATIONS
(Academic Year-2013-2014)



JOURNALS : NO JOURNALS WITH UGC NUMBER SCI & impact factor Journals:

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	H- index (Scopus)	Impact factor
1.	Narmadha TV Comparison of Performance measures of speed control for a DC Motor using hybrid intelligent controller and optimal LQR Vol. 622 (2014) pp 23-31 © (2014) Trans Tech Publications, Switzerland Applied Mechanics and Materials	26	-
2.	H PRASAD Application of Passive Harmonic Filters to Mitigate Source Side Current Harmonics in an AC – DC – DC System International Journal of Research in Engineering Technology Volume 03, Issue 01, 2014	0	-

3.	S.Arunachalam and Dr.M.Abdullah Khan Linear Programming Formulation for Market Clearing of Primary Market Incorporating Tracking Based Loss Factors European Journal of Scientific Research Vol. 99, No.4, pp. 520-535, 2013	37	-
4.	R.Murugan, M.R.Mohan and S.Arunachalam A PSO Based Hybrid Algorithm with Adaptive Penalty Function Approach for the combined Heat and Power Economic Dispatch Archives Des Sciences Vol.66, No.4, April 2013	12	-
5.	V.Uma, Lakshmi and J.D.Anunciya, Congestion Management in deregulated power system by fuzzy based optimal location and sizing of UPFC WSEAS Transactions on Power System Volume 9, Issue 5, July-2014.	10	-
6.	M.Chilambarasan, Dr.M.Ramesh Babu,M.Lathadevi, Design and Simulation of Self Lift Positive Output Luo Converter Using Incremental Conductance Algorithim for Photovoltaic Applications, Applied Mechanics and Materials, Trans Tech Publication Switzerland, ISSN : 1660-9336, Volume 622 (2014), PP. 51-58	26	-

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	H- index (Scopus)	UGC Approved Journal number
7.	Narmadha T V, Baskaran C, SivaKumar K Comparison of Performance Measures of Speed Control for a DC Motor Using Hybrid Intelligent Controller and Optimal LQR , Applied Mechanics and Materials Vol. 622 (2014) pp 23-31	26	-
1	Jayarama Pradeep and Subitha. S A Resonant full bridge DC-DC Converter used for Plug-in Hybrid Electric vehicle Battery Charging Volume-8, Special issue III, Feb 2014, ISSN No. 0973-2993 Proceedings in Image Processing and Networking, Volume-8, Special issue III	-	-
2	Jayarama Pradeep and Nishanth. S Implementation of Step-up Converter distributed generation system using π -Filter International Conference on recent Advances in Mechanical Engineering and Interdisciplinary Developments	-	-
3	Jayarama Pradeep and Nishanth. S Novel High Step-up DC Converter using π - Filter to Improve performance for Distributed Generation System Volume-8, Special issue III, Feb 2014, ISSN No. 0973-2993 Proceedings in Image Processing and Networking	-	-
4	Ramesh Babu, M, Sudhakar, T.D ,Venkatesh Kumar, C Network Reconfiguration Of Distribution System International Conference On Emerging Trends In Engineering And Technology 100-106, December, 2013	-	-

CONFERENCE:

5	Ramesh Babu, M, Venkatesh Kumar, C Sudhakar, T.D Power System State Estimation Using Artificial Bee Colony Algorithm International Conference On Emerging Trends In Engineering And Technology100-106, December, 2013	-	-
6	Ramesh Babu, M Nimitha Rose Peter “Fuzzy Based Energy Management System For A Polygeneration Microgrid “International Conference On Information Communication & Embedded Systems February, 2014.	-	-
7	K.Mohanadasse,Dr.C.Sharmeela,H.Prasad,Dr. T. D. Sudhakar Harmonic Analysis of a Converter - Chopper System feeding a DC Load 2013 - 2014 National Conference on Power, Control & Instrumentation NCPCI 2K14 2014/04 April 2014	-	-
8	T.D.Sudhakar,Sensitivity factor based optimal location of SVC on transmission network, Proceedings of 3th National Conference on MOSDES 2013,	-	-
9	M. Manochitra, H. Prasad, Dr. T. D. Sudhakar “optimal location and optimal sizing of distributed generation by analytical approach”, JOURNAL OF EMERGING TECHNOLOGIES	-	-
10	H PRASAD Application of Passive Filters for Harmonics Mitigation in a Dual Input Converter2014 International Conference on Computaion of Power, Energy, Information and communication, IEEE conference ICCPEIC – 2014, DOI: 10.1109/ICCPEIC.2014.6915372	-	-
11	H PRASAD Effect of Tuned Passive Filter on Current Harmonics in a Converter Inverter System Feeding a Motor Load” International Conference on Emerging Trends in Science Engineering and Technology2014	-	-
12	H PRASAD harmonic analysis of a converter – chopper system feeding a dc load National Conference on Power Control and Instrumentation – NCPCI 2014, Volume 1, 2014	-	-

13	S.V Palaniappan and S.Arunachalam <i>Market Clearing and Settlement of Single Sided Auction Market Using DCOPF Based LMP Calculation Incorporating AC Loss Factors</i> International Conference on Computational Systems in Engineering and Technology, March 7 & 8 2014, Chennai Sri Venkateshwara Engineering College	-	-
14	T Agnes Bhomila and S Arunachalam GA Based Environmental/Economic Power Dispatch Including valve point effect International Conference on intelligent Instrumentation, Optimization and signal processing 2013 Karunaya University 2013	-	-
15	B. Swardeepu, S. Thiruvalluan and S.Arunachalam Power Theft Identification System using power line carrier communication (PLCC) technique in distribution system based on binary search algorithm International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC-2013) in association with IEEE17 & 18 April 2013 ISBN: 978-1-4673-6405-8/13/&31	-	-
16	S.Arunachalam and Dr.M.Abdullah Khan Interesting Observation on Market Clearing Price in a deregulated power system International conference on Emerging Trends in Engineering and Technology, ICETET 2013 Pages: 86 – 92. Organized by Marthandam College of Engineering and Technology, Tamil Nadu	-	-
17	S.Arunachalam Solution of Contingency Constrained Economic Dispatch for Security Enhancement Using Hybrid Particle Swarm Optimization National Conference on Power, Control and Instrumentation (NCPIC-2K14)Arulmigu Meenakshi Amman College of Engineering ,Vadamavandal, India, 2014	-	-
18	R. Manimegalai, Dr. S. Visalakshi, Lucina Joseph, PSO Based Social Welfare Maximization of Wind Thermal Coordinated System in a Deregulated Power Market, International Conference on power electronics and renewable energy systems, April 2014.	-	-
19	.Vidhya, Ms.R.Manimegalai, Congestion Management in Hybrid Power Markets using Benders Decomposition, National Conference on power electronics and power systems. Mar-14.	-	-

20	Lucina Joseph, R. Manimegalai, Probabilistic Assessment of Wind Turbine Integration in Deregulated Electricity Market, International Conference on Circuit, Power and Computing Technologies, Mar-14.	-	-
21	v.chamundeeswari/Dr.R.Seyezhai, "simulation and control of negative output relift dc-dc converter, ICEECS-International Conference in Electrical, Electronics and Computer Science, 2014/3/6/30 th MAR	-	-
22	Chidambararaj N. and Dr. K. Chitra, Congestion Management Based on Active Power Rescheduling of Generator units using Cuckoo Search Algorithm, international conference on green technologies for power generation and communications, ISBN No: 978-81-927500-5-7 to be held during April 2 nd & 3 rd , 2014.	-	-
23	M.Chilambarasan, M.Lathadevi, Simulation And Hardware Implementation Of Incremental Conductance MPPT Using Self Lift Cuk Converter, <i>National Conference on Innovation & Challenges in Electrical and Electronics Engineering (NCICEEE'14), February 2014, PP.14-20</i>	-	-
24	M.Chilambarasan, A.Rex Stefen, Siva Kumar, Design And Simulation Of A Hybrid Solar Wind Energy System Using Fused Cuk And Sepic Converter, <i>International Conference on Science and Innovative Engineering Organization of Science & Innovative Engineering Technology, 2013</i>	-	-
25	M.Chilambarasan, M.Lathadevi Design And Simulation Of Incremental Conductance MPPT Using Self Lift Cuk Converter, <i>IEEE International Conference On Renewable Energy and Sustainable Energy (ICRESE'13), ISBN: 978-1-4799-2075-4/13, 2013 Page No:319-325</i>	-	-

26	M.Chilambarasan, M.Lathadevi Modelling And Simulation Of Incremental Conductance MPPT Using Self Lift SEPIC Converter, <i>IEEE Internation Conference On Circuits, Power and Computing Technologies (ICCPCT'14)</i> , ISBN: 978-1-4799-2395-3/14,2013 Page No:867-872.	-	-
27	C.VENKATESH KUMAR, M.C.NESIHA space vector modulation based dvr for enhancement of distribution system performance, INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY,2ND MARCH, 2014	-	-
28	R.Devapriya ¹ , Dr.N.Senthil Kumar ² , Dr.S.T.Jaya Christa ³ , Mr.J.Gnana Vadivel ⁴ Performance Analysis of PI Controller and Hysteresis Current Controller Based Three - Phase AC-DC Boost Converter, International Conference on Power Electronics and Renewable Energy Systems ICPERES 2014.	-	-
29	R.Devapriya ¹ , Dr.N.Senthil Kumar ² , Dr.S.T.Jaya Christa ³ , Mr.J.Gnana Vadivel ⁴ Hysteresis Current Controller Based Three - Phase AC-DC Boost Converter, National Conference on Power electronics and Power systems, MEPPCON 14.	-	-
30	Divya.S,Selvam.P, MPPT control of hybrid renewable distributed generation system, PEDC'14,Alagappa chettiar college of engineering,Karaikudi,2014/12 th march	-	-
31	Divya.S,Selvam.P Modelling and reconfiguration of solar PV system to partial and rapidly fluctuating shadow condition, NCICCA'14,Kalasalingam University,Virudhunagar,2014/2 nd april	-	-

32	K.Selvi, K.Sakeenathul Kubra, CK.Sundarabalan, Performance Investigation of Fuzzy Logic Based MPPT Technique for Energy Efficient Solar PV Systems. International Conference on Power Electronics and Renewable Energy Systems (ICPERES 2014)		
35	S.Arunachalam, Solution of Contingency Constrained Economic Dispatch for Security Enhancement Using Hybrid Particle Swarm Optimization, National Conference on Power, Control and Instrumentation (NCPIC-2K14), Arulmigu Meenakshi Amman College of Engineering ,Vadamavandal, India, 2014		

Total no of staffs: 36

Total no. of publications: 42 (7+35)

HOD/EEE