



SRI VASAVI ENGINEERING COLLEGE

Pedatadepalli, TADEPALLIGUDEM-534101

Department of EEE

Research and Development / Publications

Academic Year: 2014-15

S. No.	Name of the faculty	Title of paper	Name of the Journal	Volume No.	Issue No.	Page No.	Date of Publication
1	Dr.ChunduriRambabu	Particle swarm optimization for security constrained optimal power flow including TCSC	International Journal of Power and Energy Conversion	05	03	298-314	2014
2	Dr.ChunduriRambabu	AZVS PWM three phase current FED PUSH PULL DC-DC converter with fuel cell input	International Journal of Science Engineering and Technology Research	03	12	3449 - 3454	December 2014
3	Dr.ChunduriRambabu	Security constrained OPF with TCSC and TCPST	International Journal of Engineering Research and Management	01	08	51-58	November 2014
4	Dr.ChunduriRambabu	Comparative analysis of PSO variants for voltage control and loss minimization	International Journal of Engineering Research and Management	01	08	151-156	November 2014
5	Dr.ChunduriRambabu	Dynamic performance of	International Journal of	02	01	98-	

	bu	the DSTATOM diesel generator system with linear and non-linear loads using multi-layer neural network	Engineering Research and Management			104	January 2015
6	Dr.ChunduriRambabu	Enhancement of transient stability limit using fuzzy controlled TCSC	International Journal of Science, Engineering and Technology	04	01	30-35	January 2015
7	Dr.ChunduriRambabu	A high performance of active NPC inverters for fault tolerant operation in induction machine drive applications	International Journal of Electrical and Electronics Engineering	04	03	19-25	2014
8	Dr.ChunduriRambabu	ZVS inverter system for an induction motor drive with interconnection of PV cell	International Journal of Engineering Associates	04	03	Nil	2015
9	Dr.ChunduriRambabu	Remit of lower order Harmonics with LMS filter in grid connected single phase PV inverter	International Journal of Engineering Associates	04	02	Nil	2015
10	Dr.ChunduriRambabu	Improvement and comparison of ATC using Facts with expert	International Journal of Innovative trends in	01	01	17-23	2014

		systems	Engineering				
11	Dr.ChunduriRambabu	Low cost direct torque control algorithm for induction motor without AC phase current sensor for wind power plant	International Journal of Management, Information Technology and Engineering	03	02	01-10	February 2015
12	Dr.ChunduriRambabu	A Dual purpose inverter topology for power quality improvement and power generation from grid connected renewable energy systems	International Journal of Innovation in Engineering & Management	03	12	275-283	December 2014
13	Dr. Rama Rao P.V.V.	Total Harmonic Distortion, Distortion Factor & Crest Factor in Sven Level Cascaded H-Bridge Inverter for Different PWM Control Strategies: A Comparative Study	International Journal of Electrical Engineering	07	03	377-389	2014
14	Dr. Rama Rao P.V.V.	SVPWM Based Two Level VSI for Micro Grids	International Journal of Electrical, Robotics, Electronics and Communicatio	08	06	985-989	2014

			ns Engineering				
15	Dr. Rama Rao P.V.V.	Modeling and Simulation of Utility Interfaced PV/Hydro Hybrid Electric Power System	International Scholarly and Scientific Research & Innovation	08	08	1261 - 1266	2014
16	Dr. Rama Rao P.V.V.	Hybrid solar-wind-hydro renewable energy system	World Journal of Modelling and Simulation	10	04	243-251	2014
17	Dr. Rama Rao P.V.V.	Hybrid 5-level inverter fed induction motor drive	World Journal of Modelling and Simulation	10	03	224-230	June 2014
18	Dr. Rama Rao P.V.V.	Closed Loop Speed Control of 6/4 Pole Switched Reluctance Motor	International Journal of Emerging Trends in Electrical and Electronics	10	10	105-109	October 2014
19	Dr. Rama Rao P.V.V.	Energy Audit: A Case study to save energy	Journal of Electrical And Electronics Engineering	05	01	45-49	June 2014
20	Dr.D. Sudha Rani	Self-adaptive harmony search algorithm for optimal network reconfiguration	Energy Efficient Technologies for Sustainability	Nil	Nil	1330 - 1335	June 2014
21	Dr.D. Sudha Rani	An Invasive Weed Optimization for loss reduction in distribution systems	Green Computing Communication and Electrical Engineering	Nil	Nil	Nil	June 2014

22	Dr.D. Sudha Rani	Network Reconfiguration and Capacitor Placement for Optimal Operation of Radial Distribution System	Turkish Journal of Engineering	04	Nil	173-187	June 2014
23	Ch.Narendra Kumar	A ZVS PWM three phase current fed push pull DC DC converter with fuel cell input	International Journal of Science Engineering and Technology Research	03	12	3449 - 3454	December 2014
24	Ch.Narendra Kumar	Power quality improvement by UPQC based on voltage source converters	International Journal of Research in Science & Technology	02	01	25-30	January 2015
25	Ch.NarendraKumar	ZVS inverter system for an induction motor drive with interconnection of PV cell	International Journal of Engineering Associates	04	03	30-36	March 2015
26	U.ChandraRao	Fuzzy based SVPWM technique for connecting DG to grid	International Journal of Innovative Trends in Engineering	01	01	7-12	2014
27	U.ChandraRao	Fuzzy based grid synchronization method for distributed energy resource converters	International Journal of Emerging Technology and Advanced Engineering	05	01	Nil	January 2015

28	U.ChandraRao	Dynamic performance of the DSTATCOM diesel generator system with linear and nonlinear loads using multi-layer neural network	International Journal of Engineering Research and Management	02	01	98-104	January 2015
29	U.ChandraRao	Implementation of fuzzy logic on 11-level inverter with FACTS capability for distributed energy systems	International Journal of Eminent Engineering Technologies	04	02	212-219	December 2015
30	N.Sri Harish	A high performance of active NPC(ANPC) inverter for fault tolerant operation in induction machine drive applications	International Journal of Electrical and Electronics Engineering	04	03	19-25	2014
31	N.Sri Harish	Security constrained OPF with TCSC and TCPST	International Journal of Engineering Research and Management	01	08	51-58	November 2014
32	N.Sri Harish	Remit of lower order harmonics with LMS filter in grid connected single phase PV inverter	International Journal of Engineering Associates	04	02	06-11	February 2015
33	Ch V S R Gopala Krishna	Comparative analysis of PSO	International Journal of	01	08	151-156	November

		variants for voltage control and loss minimization	Engineering Research and Management				2014
34	Ch V S R Gopala Krishna	Improvement of micro grid load demand sharing by using fuzzy logic	International Journal of Engineering Research and Management	02	01	57-63	January 2015
35	A. Nageswararao	Hybrid particles swarm optimization approach for solving OPF problem	International Journal of Electrical ,Electronics and Computer Science	03	01	36-43	2015
36	B.N.V.V Prudhvi Krishna	High performance single phase inverter for grid connected photo voltaic systems	International Journal of Engineering Research and Management	01	08	161-164	November 2014
37	P.K.S.Sarvesh	Improve the performance of three phase cascaded multilevel inverter by using carrier PWM topologies	International Journal of Advanced and Innovative Research	03	08	280-287	2014
38	P.K.S.Sarvesh	Multi converter unified power quality conditioning system(MCUPQC)	International Journal of Innovative Research In Technology	01	04	19-26	2014
39	Ch. BhanuPrakash	A Hybrid AC/DC Micro grid With Fuzzy Logic	International Journal of Engineering Research And	01	07	169-174	October 2014

		Controller	Management				
40	G. MadhuSagarBabu	Analysis of Multilevel Inverter topology with a reversing-voltage Concept	International Journal of Advanced and Innovative Research	03	09	301-305	November 2014
41	G. MadhuSagarBabu	Switching Loss Calculations Of Series Parallel Switched Multilevel DC-Link Inverter	International Journal Of Electrical Engineering & Technology	05	01	17-25	January 2014
42	G. MadhuSagarBabu	Asymmetric Multilevel DC-Link Inverters Fed Induction Motor	International Conference on Energy Efficient Technologies for Sustainability	Nil	Nil	Nil	April 2014
43	K.Suresh	A Switch- Mode DC to AC Inverter With Nonlinear Robust Control	National Conference on Emerging Technologies in Electrical and Electronics Engineering	Nil	Nil	Nil	February 2014