



Vidya Jyothi Institute of Technology

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Aziznagar Gate, C.B. Post, Hyderabad-500 075

DEPARTMENT OF ELECTRICAL ELECTRONICS AND ENGINEERING

FACULTY RESEARCH PAPER PUBLICATIONS

ACADAMIC YEAR: 2014-2015

S.No	Name Of The Author & Co-Author, Title Of The Paper, Name of the Journal/ Conference, Year of Publication	Impact Factor
1.	A.R.M.Vani, A.Sree Rama Chandra Murthy, P.S.R.C. ; <i>“An automated tool for analyzing dissolved gases in power transformers and SF6 in switch gears using Artificial Intelligence approaches”</i> ;Journal of Electrical Engineering ; 2014-2015 ; VOLUME5,ISSUE11, ISSN 2229-5518.	2.56
2.	A.R.M.Vani , A.,Murthy, P.S.R.C. ; <i>“An adaptive neuro fuzzy inference system for fault detection in transformers by analyzing dissolved gases”</i> ; ICITACEE ; 2014-2015 ; VOLUME 9,ISSUE 4, Eissn:2278-1676,p-ISSN:2320-3331,	--
3.	Prof. S.M.Zafarullah ,A R M Vani , G.Naresh ; <i>“Design and simulation of grid connected PV System using MPPT”</i> ;International Journal ; 2014-2015.	--
4.	Prof.S.M.Zafarullah , M.soujanya , P. Phanishankar ; <i>“Design and Simulation of STATCOM for Grid Connected Wind energy Systems at Different Loading Conditions”</i> ;International Journal;2014-2015.	--
5.	Prof.S.M.Zafarullah, M.soujanya, G.kranthi goud ; <i>“Design and simulation of shunt active power filter for power quality improvement at industrial load”</i> ; ICIEEE ; 2014-2015.	--



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6.	K.Satish Kumar, B.K vijaya ; “High Step up DC-DC converter for Grid Connected or Standalone PV applications” ; IJEEE ; 2014-2015 ; ISSN 2319-8885.	5.4
7.	D. Srinivas, Ch. Vijaykumar ; “Fuzzy Logic Controlled DSTATCOM with Reduced DC-Link Voltage for Power Quality Improvement” ; IJEEE ; 2014-2015 ; ISSN 2319-8885.	5.4
8.	Shivakumar Avula , D. Bala Gangi Reddy, ; “A new Predictive Control Scheme for 4-Leg APF at different Loads” ; IJEEE ; 2014-2015 , ISSN 2319-8885.	5.4
9.	B.Navya Sree, D.Bala Gangi Reddy ; “Power Quality Improvement By Compensating Voltage Sag Using Fault Current Limiter in Single Phase and Three Phase Lines” ; NLCFEET ;2014-2015.	--
10.	Navothna Bhogula, D.Bala Gangi Reddy ; “Solar Electric Powered Hybrid Vehicle(SEPHV).” ; NLCFEET ; 2014-2015.	--
11.	Ch. Srinivas Reddy, D.Bala Gangi Reddy ; “Brushless DC Motor Operation Using Terminal Voltage Strategy without a Speed Sensor” ; NLCFEET ; 2014-2015.	--
12.	S.Venkatesh, Dr. S. Siva Prasad ; “Switched Boost Inverter for Standalone DC Nanogrid Applications” ; IJRCCT ; 2014-2015 ; Vol 3, Issue 10, October – 2014 (pp-1178-1186), 2278-5841,2320-5156.	3.751
13.	B.Manaswini, Dr.S.Siva Prasad ; “ Enhancement of Power Quality Multi Feeders by using MC-DPFC” ; IJRCCT ; 2014-2015.	3.751
14.	Pavani Yadav Gonti, Dr.S.Siva Prasad ; “Power Management Strategy in Hybrid PV-FC and Wind Power Generation Systems by using multi input Signal –Contro (MISC) Battery” ; IJRCCT ; 2014-2015.	3.751



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15.	Goruganti Sravanidevi , Dr. S. Siva Prasad ; <i>“Z-source Inverter based DVR for Power Quality Improvement”</i> ; IJRCCCT ; 2014-2015 ; Vol 3, Issue 10, October – 2014(pp.1170-1177), 2278-5841, 2320-5156.	3.751
16.	C. N. Ravi and G. Selvakumar; <i>“Solving Combined Economic Emission Dispatch With Valve Point Loading Problem Using Firefly Algorithm”</i> ; IJAER ; 2014-2015.	1.8233
17.	Merin Lizbeth George and Dr.C.N.Ravi ; <i>“Voltage Stabilization Of Combined Electric Generator And Wind Mill Using Electric Spring”</i> ; IJAER ; 2014-2015.	1.8233
18.	T Parameshwar, P.Nageshwar , E.Tejaswani ; <i>“Improved Trans Z-Source Inverter with Continuous Input Current and Boost Inversion Capability for Renewable Energy Resources”</i> ;IJEER ; 2014-2015 ; ISSN 2319-8885.	5.4
19.	T. Parameshwar, G.Rajeswari ; <i>“A New Photovoltaic Based Three Phase Multilevel Inverter Fed Induction Motor Drive”</i> ; IJEER ; 2014-2015 ; ISSN 2319-8885.	5.4
20.	K.Satish Kumar, S Chaitanya , G.shivaji ; <i>“A new PV based compact power electronic converter for Integration of Electric Vehicle and Grid”</i> ; IJEER ; 2014-2015 ; ISSN 2319-8885.	5.4
21.	B. Jyothsna, Lavina Gurbani ; <i>“Grid Power Quality Improvement in Wind Energy Systems using 3 leg and 4 leg converter”</i> ; IJEER ; 2014-2015 ; ISSN 2319-8885.	5.4
22.	M vijay kumar , S chaitanya, K Ramesh,; <i>“A Novel three phase PV/wind based multi level inverter for grid connected system”</i> ; IJEER ; 2014-2015 ; ISSN 2319-8885.	5.4



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23.	V. Vijayalakshmi, S. Chaitanya, A. Sandeep Reddy ; <i>“Fuzzy Logic Based MPPT For Wind Energy System With Power Factor Correction”</i> ; IJEEE ; 2014-2015; ISSN 2319-8885.	5.4
24.	P.Nageswara Rao, S N V S K Chaitanya, B.Srimathi ; <i>“PQ Theory and Id-Iq theory controlled STATCOM for grid Connected wind driven Induction Generator for Power Quality Improvement”</i> ; IJEEE ; 2014-2015; ISSN 2319-8885.	5.4
25.	T Parameshwar, J yashodhar ; <i>“Modelling and simulation of linear controller of stat com for induction motor”</i> ; IJEEE; 2014-2015 ; ISSN 2319-8885.	5.4
26.	P.Nageswara Rao, K.Vishal ; <i>“Design And Simulation of super conducting fault current limiter for compensation of voltage sag”</i> ; ICIEEE ; 2014-2015.	--
27.	J Nageswara rao, K.Shobarani ; <i>“High Step-Up Interleaved Converter for Grid Connected Solar Applications”</i> ; IJEEE ; 2014-2015; ISSN 2319-8885.	5.4
28.	SHB Ireena karumuri, M.prasad ; <i>“PV Based High Frequency Cascaded Multi level Inverter for Irrigation Application”</i> ; IJEEE ; 2014-2015 ; ISSN 2319-8885.	5.4
29.	Hussain Shaik, Shaik Samiyoddin, Amair Masood ; <i>“Hybrid Renewable Energy Sources Based Four leg Inverter for Power Quality Improvement”</i> ; ICIEEE ; 2014-2015.	--
30.	A.Rajeshwar, B. Lakshmi , Suresh ; <i>“Design and simulation of PV cell for high efficiency DC-DC converter”</i> ; IJEEE ; 2014-2015 ; ISSN 2319-8885.	5.4
31.	D.Srinivas, B.V.S.Subramanyam ; <i>“Comparison of quasi Z-source and Trans Z-source inverter for PV applications apply to induction motor”</i> ; IJEEE ; 2014-2015 ; ISSN 2319-8885.	5.4



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32.	K.Satish Kumar, V Sudhakar, K. Sunitha ; <i>“Integrated ultra capacitor and renewable energy source fed bi directional converter for induction motor applications”</i> ; IJCSIT ; 2014-2015.	2.28
33.	Mr.P.Nageswara rao , T. Devika; <i>“A new solar power optimizer for grid connected systems and industrial loads with high efficiency”</i> ;IJEET ; 2014-2015; ISSN 2319-8885.	5.4
34.	J Nageshwar rao , M Soujanya ; <i>“Dual mode converter for PV fed EV/HEV Applications”</i> ; IJEET; 2014-2015.	5.4
35.	K.Satish Kumar, I parvathi ; <i>“Power factor correction and comparison of converter topologies for SRM drive”</i> ; IJEET ; 2014-2015 ; ISSN 2319-8885.	5.4
36.	T. Prameshwar, K. Srinivas ; <i>“The Digital Controller-Technique for power factor correction based BLDC Drive”</i> ; IJEET ; 2014-2015 ; ISSN 2319-8885.	5.4
37.	T. Parameshwar, K. Chanakya ; <i>“A modified inverter with Reduced number of Switches for reduction of Torque ripple and harmonics in BLDC Drive application”</i> ; ICIEET ; 2014-2015.	--
38.	P. Nageswara Rao , Mamatha Singh ; <i>“Fuzzy logic based DC voltage controller method for STATCOM based on asymmetrical multilevel Inverter”</i> ; IJEET ; 2014-2015 ; ISSN 2319-8885.	5.4
39.	K.Satish Kumar, Shaik Samiyoddin, Amair Masood; <i>“A multi level Diode clamped inverter based Energy efficient motor drive with Autonomous power Regenerative control system.”</i> ; IJEET ; 2014-2015 ISSN 2319-8885.	5.4