



Vidya Jyothi Institute of Technology

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

DEPARTMENT OF ELECTRICAL ELECTRONICS AND ENGINEERING

ACADAMIC YEAR: 2016-2017

S.No	Author,” Title of the Paper, Name of the Journal/ Conference, Issue No.; Year of Publication; ISSN Number; DOI	Impact factor
1.	Dr. S. Siva Prasad, Mr. A. Praveen Kumar, Mr. S. Suresh. “ <i>An innovative compensation negative sequence for power quality issues in traction system</i> ” IJATES; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
2.	Dr.S.Siva Prasad, Ms. A.B Bhavana Reddy “ <i>A fuzzy based sliding mode controller design for a voltage regulated boost converter</i> ” IJATES; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
3.	Dr. S. Siva Prasad, Ms. A.B Bhavana Reddy “ <i>Renewable power generation system using 5-level and 9-level inverters</i> ” IJATES; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
4.	Dr. S. Siva Prasad, Ms. A.B Bhavana Reddy, K.Rajeev “ <i>BLDC motor drive system using modified pulse width modulation technique using z-source inverter control scheme</i> ” IJATES; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
5.	Dr. S.Siva Prasad “ <i>Experimental analysis of best practices in engineering education implemented to electrical and electronics engineering students</i> ” IJATES; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
6.	Dr.S.Siva Prasad, Mr. A.Praveen Kumar, Mr. S. Suresh “ <i>DVR based voltage sag compensation using novel particle swarm optimization technique</i> ” IJATES ; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870



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7.	Dr. S. Siva Prasad, Mr. S. Suresh, Mr. A. Praveen Kumar, Mrs. Deepa Nidanakavi, <i>“Fuzzy logic based novel pitch control for stability improvement in DFIG based wind energy systems”</i> IJATES; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
8.	Dr.S.Siva Prasad, Ms. Koduri Naga swathi, Deepani Danakavi <i>“ Quality improvement by using wind I and L solar l hybrid system with novel method”</i> IJATES ; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
9.	Mrs. Deepa Nidanakavi, Ms. Nagaswathi Koduri, Dr. S. Siva Prasad <i>“Wireless power charging of electrical vehicle through magnetic coupling with experimental analysis”</i> IJATES; Volume 5, Issue 3, 2016-2017; ISSN 2348–7550.	2.870
10.	Prof. S.M.Zafarullah and Mr. S. Nela Raja; <i>“A genetic algorithm based approach for optimal power flow method with improved voltage stability analysis”</i> IJSETR; Volume 5, Issue No.27; 2016-2017; ISSN 2319–8885.	5.762
11.	Prof. S.M.Zafarullah , Mrs. V. Keerthi; <i>“A Novel harmonics elimination method for three phase industrial applications”</i> IJATIR; Volume 8 , Issue No.07; 2016-2017; ISSN 2348–2370	4.106
12.	Prof. S.M.Zafarullah, Mr. A. Praveen kumar; <i>“Voltage sag/swell compensation using Z- source inverter DVR based on particle swarm optimization”</i> IJMETMR; Volume 3 , Issue No.09; 2016-2017; ISSN 2348–4845.	3.554
13.	Prof. S.M.Zafarullah, Mr. V. Bala kishore; <i>“Double fed induction generator as a parallel active filter in wind energy conversion systems for grid current unbalance compensation”</i> IJSETR; Volume 5 , Issue No.27 ; 2016-2017; ISSN 2319–8885.	5.762



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DEPARTMENT OF ELECTRICAL ELECTRONICS AND ENGINEERING

14.	Ms. Kandukuri Poushya, Dr. D. Bala Gangi Reddy, “ <i>A Novel ZSI-IM Drive Ripple Reduction by Interleaved Multiphase DC-DC Converter</i> ” IJSETR; Volume 5 , Issue No.27 ; 2016-2017; ISSN 2319–8885.	5.762
15.	Ms. G.Priyanka Reddy, Dr.D.BalaGangi Reddy, “ <i>Asymmetric Interleaved Multiphase Dc–Dc Converters with Unbalanced Nonlinear Loads for Ripple TM</i> ” IJTES; Volume 4, pp: 7048-7055, 2016-2017; ISSN: 2320-8007.	1.85
16.	Ms. B.Shruti, Dr. D. Bala Gangi Reddy; “ <i>Sliding Mode Control Based Hybrid Active Filter with Variable Conductance for Harmonic Resonance Suppression in Industrial Power Systems</i> ” IJESC; Volume 6 Issue No. 8 Pages 2845-2852; 2016-2017.	3.868
17.	D. M. Krupa Devi1, Dr. D.Bala Gangi Reddy, “ <i>Reactive Power Management of an Hybrid AC/DC Micro grid System with Fuzzy Control of Battery Banks</i> ” IJATIR; Vol.08, Issue.11, September-2016, Pages:2155-216; ISSN 2348–2370.	4.106
18.	Mr. Kolanti Narendar, Dr. D. Bala Gangi Reddy, and “ <i>Improved Transient Performance with FLC for a PV solar farm as STATCOM</i> ” IJSETR; Volume.05, Issueno.21, Pages: 4205-4210; 2016-2017; ISSN 2319–8885.	5.762
19.	Mr. Waseem Sultana, Mr. K.V.M.Sravya, Dr.D.Bala Gangi Reddy, “ <i>A Novel Control Method for Unified Power Quality Conditioner (UPQC) under Non-Ideal Mains Voltage and Unbalanced Load Conditions</i> ” IJSETR; Volume 5, Issue No.43; Pages: 8867-887; 2016-2017; ISSN 2319–8885.	5.762
20.	Dr. D.Bala Gangi REDDY, Mr. Bolishetty Harish, “ <i>Enhancement of Power Distribution systems Using Modified iUPQC Controller</i> ” IJMETMR; Volume.04, Issueno.1, July-2016, Pages: 173-182, ISSN: 2348-4845.	3.554



Vidya Jyothi Institute of Technology

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21.	Mr. S.Suresh, Mr. T.Parameshwar, Mrs. K.Swapna; <i>“A Modify Compensation Strategy for Power Quality Issues in Railway Electrification”</i> IJSETR; Volume 5, Issue No.25; 2016-2017; ISSN 2319–8885.	5.762
22.	Mr. D. Srinivas , Mrs. Vijaya Lakshmi Vemuri, and Mr. A.Rahul; <i>“Battery balancing technique for multilevel inverter applicable in PV energy system”</i> IJESC; Volume 6 , Issue No.08; 2016-2017; ISSN 2321–3361.	3.868
23.	Mr. M.Vijay Kumar, Mr. P.Nagamunedra and Mr. D.Thirumala Rao; <i>“AC and DC side start up processes scheme for closed loop pre charge control of modular multilevel converters”</i> IJPRES; Volume 7 , Issue No.03; 2016-2017.	4.825
24.	Mr. M.Vijay Kumar, Mr. vikram Chandha and Mr. P.Hemanth Kumar; <i>“Improving power quality of grid connected renewable energy systems by using variable structure control FACTS Devices”</i> IJESC; Volume 6 , Issue No.08; 2016-2017; ISSN 2321–3361.	3.868
25.	Mrs .M. Soujanya , Mrs. S.Chaitanya and Ms. D.Keerthi Reddy; <i>“Analysis and control of M3C based IUPQC to provide additional grid voltage regulation”</i> IJSETR; Volume 5 , Issue No.27 ; 2016-2017; ISSN 2319–8885.	5.762
26.	Ms. Ansuja Balram Rathod, Mr. K. Satish Kumar, Mr. P.Nageswara Rao; <i>“Modulation and Control of Transformer less UPFC for Interconnecting Synchronous AC Grids”</i> IJATIR; Vol.08, Issue.12; 2016-2017; ISSN 2348–2370.	4.106
27.	Mr. K Hemanth kumar, Mrs A. Ratna manikyavani; <i>“Power Quality Improvement In A Micro grid Under Nonlinear Load Using Controlled Dg Inverter”</i> IJEETE; Vol. 03, Issue 05; 2016-2017; ISSN – 2394-0573.	4.298



Vidya Jyothi Institute of Technology

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

DEPARTMENT OF ELECTRICAL ELECTRONICS AND ENGINEERING

28.	Ms. M. Indu Bhanu Bharathi, Mr. Hussain Shaik, Mrs. G. Sudha Rani; “ <i>A Series-Connected Topology of a Diode Rectifier and a Vector-Controlled Voltage-Source Converter for an HVDC Transmission System</i> ” IJATIR; Vol.05, Issue.25; 2016-2017; ISSN 2319-8885.	4.106
29.	Mr. Suresh Raamavath, Mr. P. Nageswara Rao, Mrs. S. Chaitanya; “ <i>ABC Algorithm Based Approach for Optimal Location of DG for the Improvement of Voltage Quality</i> ” IJATIR; Vol.08, Issue.11; 2016-2017; ISSN 2348–2370.	4.106
30.	Ms. V.Shailaja, Mr. A.Narasimha Rao Mr. P.Nageswara Rao; “ <i>Improvement Of Power Quality In Distribution Sytem By Using Facts With SMES</i> ” IJR; Volume 03 Issue 13; 2016-2017; ISSN: 2348-6848.	3.541
31.	Mr. K.Sandeep Kumar, Mr. K.Sathish Kumar, Mr. T. Parameshwar; “ <i>A Sliding Mode Control Based Approach to Extract Maximum Power Enhancement of PV Arrays During Partial Shading</i> ” IJSETR; Volume 5 , Issue No.27 ; 2016-2017; ISSN 2319–8885.	5.762
32.	Ms. Panthakani Srilatha, Mr. Hussain Shaik; “ <i>Improved Stability of Transmission System with Distributed MMC Based Compensator</i> ” IJSETR; Volume 5 , Issue No.23 ; 2016-2017; ISSN 2319–8885.	5.762
33.	Mr. Yamsani Anoop, Mr. Ch. Vikram; “ <i>Performance Analysis of Seven Level iUPQC for Voltage Regulation</i> ” IJSETR; Volume 5, Issue No.20; 2016-2017; ISSN 2319–8885.	5.762
34.	Ms. Vuppula Ushasri, Prof. S. M. Zafarullah; “ <i>Harmonic study of Low Voltage (Distribution Networks) Grid Connected Power Electronic Systems and Study of LCL Filters</i> ” IJSETR; Vol.06, Issue.30, June-2017, Pages: 5814-5822; ISSN 2319-8885.	5.762



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35.	Mr. B. Vilas, Mr. K. Sathish Kumar; “ <i>A Novel Dynamic Voltage Restorer-Ultra-capacitor intend for Improving Power Quality of the Distribution Grid</i> ” IJSETR; Vol.06, Issue.30, June-2017, ISSN 2319-8885.	5.762
36.	Mr. Gokavalasa Dhananjaya, Prof. S. M. Zafarullah; “ <i>A innovative Single-Stage Fuel Cell & PV Connected To Grid line with Multilevel Current-Source Inverters</i> ” IJSETR; Vol.06, Issue.31, June-2017, ISSN 2319-8885.	5.762
37.	Mr. Sana Venkata Sateesh, Dr. D. Bala Gangi Redd “ <i>PV Solar Farm as PV-STATCOM for Reactive Power Compensation during Day and Night Fuzzy Logic Based Control</i> ” IJSETR; Vol.06, Issue.31, June-2017, Pages:6010-6018; ISSN 2319-8885.	5.762
38.	Mr. G. Rameswara Reddy, Prof. S. M. Zafarullah, “ <i>A Distribution Grid through Ultra capacitor integrated Power Conditioner Are Improving Power Quality</i> ” IJITECH; Vol.03, Issue.06, June-2017, Pages:1049-1056; ISSN 2321-8665.	4.107
39.	Ms. Shruti, Mr. P.Hemanth Kumar, Dr. D.Bala Gangi Reddy; “ <i>Reducing Power Quality Problems in Grid Connected Non Conventional Energy Systems by Using Structure Control Facts Devices</i> ” NCIEEE; April 2017; ISBN: 978-81-924031-9-9.	--
40.	Ms. Shruti, Mr. P.Hemanth Kumar, Dr. D.Bala Gangi Reddy ; “ <i>Variable Structure Control based Hybrid Active Filter for Harmonic Resonance Suppression in RLE Loads</i> ” NCIEEE; April 2017; ISBN: 978-81-924031-9-9.	--
41.	Dr. C. N. Ravi, Mr. Ganesan, Mr. P, K. Vasanth; “ <i>Solution of Combined Economic Emission Dispatch Using</i> ”	--



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	<i>Hybrid RGA-DE Algorithm</i> ” NCIEEE; April 2017; ISBN: 978-81-924031-9-9.	
42.	Mrs. S.Chaitanya Ms. A.B. Bhavana Reddy; “ <i>Renewable Energy System Based A Bidirectional cascaded Buck boost DC – DC Converter</i> ” ICFAI; 2016-2017.	--
43.	Ms. A.B. Bhavana Reddy, Mrs. S.Chaitanya; “ <i>Analysis And Simulation Of Asymmetrical Cascaded H- Bridge Nine Level Multilevel Inverter By Using LS- PWM</i> ” ICFAI; 2016-2017.	--
44.	Mr. K.Sathish Kumar, Dr.B.Basavaraja, Dr. B.V.Sanker Ram; “ <i>A PSO based approach for evaluation and enhancement of total/ transfer capability by using facts devices</i> ” ICFAI; 2016-2017.	--
45.	Mr. T. Parameshwar, Mr. A. Narasimha Rao; “ <i>Fuzzy Based AC-AC Dynamic Voltage Restorer for Sag Mitigation</i> ” ICFAI; 2016-2017	--