



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

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Journal Publications

S.No	Name of the authors	Title of the paper	Name of the Journal	DOI/Indexing and Impact Factor
1	1.Punya Sekhar, 2.Dr M.Uma Vani 3.Dr PV Ramana Rao	Simulation And Experimental Verification Of Novel Multi Level Inverter With Minimum Number Of Switches	International Journal Of Advanced Research In Dynamical And Control Systems (JARDCS), ISSN No.1943-023X, Volume 9 , Issue 2, 2017	Scopus Indexed IF: 0.294
2	1.Punya Sekhar, 2.Dr M.Uma Vani 3.Dr PV Ramana Rao	Comparitive Analysis of H-Bridge Multilevel Inverter Fed Induction Motor Drive with Minimum Number of Switches	International Journal of Pure and Applied Mathematics, Volume 117, Number 10, July 2017, ISSN: ePrint: 1311-8080, Online 1314-3395.	Scopus Indexed IF: 0.388
3	1. Ch. Rami Reddy 2. K.Harinadha Reddy	Islanding Detection Method For Inverter Based Distributed Generation Based On Combined Changes Of Rocoap and Rocorp	International Journal of Pure and Applied Mathematics, Volume 117 No. 19, 2017, 433-440 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on- line version)	Scopus Indexed IF: 0.388
4	1. P.Pragna Sree 2. J.Sivavara Prasad	Two level Half bridge dc-dc converter with reducing circulating losses	International Journal of Advance Engineering and Research Development e- ISSN (O): 2348-4470, Volume 4, Issue 10, October 2017.	Open Access
5	1.AVGA Marthanda 2.G.V.Maruteswar	A Three Phase Sensor Less Field Oriented Control For BLDC Motor	International Journal of Advance Engineering and Research Development e- ISSN (O): 2348-4470, Volume 4, Issue 11, November 2017.	Open Access
6	1. Kandula Ramesh, 2. K. Nagalinga Chary	Operation of Multilevel Inverters under Unbalanced DC Sources Using Neutral Voltage Modulation	International Journal of Latest Engineering Research and Applications (IJLERA) ISSN: 2455-7137 Volume – 02, Issue – 10, October – 2017, PP – 01- 10	Open Access
7	1. Chintalapudi V. Suresh 2. M. S. Giridhar 3.S. Sivanagaraju	Analyzing the Effect of Distributed Generators on Economical and	Indian Journal of Science and Technology, Volume 10(25), DOI: 10.17485/ijst/2017/v10i25/1030	Open Access

	4.U. Ramanaiah	Technical Aspects of Distribution Systems	60, July 2017 ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645	
8	1.S.Prem kumar 2. M.Aruna	Passive Islanding Detection Technique for Grid-Connected Photovoltaic System	International Journal of Advance Engineering and Research Development e-ISSN (O): 2348-4470, Volume 4, Issue 11, November 2017.	Open Access
9	1.A.V.Ravikumar 2.P.Srihari 3. K. Nagalinga Chary 4. Y. Murali Krishna	Design of Optimal Torque Control Method for Permanent-Magnet Synchronous Generator	International Journal on Recent Technologies in Mechanical and Electrical Engineering (IJRMEE) ISSN: 2349-7947 Volume: 4 Issue: 8	Open Access
10	1.D. Devi Vara Prasad 2. B. Pangedaiah	Passive Islanding Detection Technique for Grid-Connected Photovoltaic System in Time domain analysis	ISSN: 2455-7137 International Journal of Latest Engineering Research and Applications (IJLERA) Volume – 02, Issue – 09, September – 2017, PP – 06-12.	Open Access
11	1.K.Mounika Yadav 2. Mr.K.Sudheer Kumar	Implementation of a New Control Strategy for Diode-Clamped Multilevel Inverter in Distributed Generation	e-ISSN (O): 2348-4470 p-ISSN (P): 2348-6406 International Journal of Advance Engineering and Research Development Volume 4, Issue 10, October - 2017.	Open Access
12	1.K. Chinababu 2.Ch. Rajesh	Closed loop PI control for solar fed switched reluctance motor drive based water pumping system	International Journal of Latest Engineering Research and Applications (IJLERA) ISSN: 2455-7137 Volume – 02, Issue – 10, October – 2017, PP – 64-77.	Open Access
13	1.U. Sai Kumar 2.J. V. Pavan Chand	Source Current Harmonics Reduction with Improved Shunt Active Power Filter for Renewable Energy Source	International Journal of Latest Engineering Research and Applications (IJLERA) ISSN: 2455-7137 Volume – 02, Issue – 10, October – 2017, PP – 56-63.	Open Access
14	1.R. Manikanta , 2.A.V.G.A. Marthanda	A three phase closed loop vector control for IPMSM drive	International Journal of Latest Engineering Research and Applications (IJLERA) ISSN: 2455-7137 Volume – 02, Issue – 10, October – 2017, PP – 72-77.	Open Access

15	G.Nageswara Rao	Cascaded Multilevel Inverter Based Active Power Filter for Harmonic Elimination	International Journal of Electronics, Electrical and Computational System IJECS, ISSN 2348-117X Volume 7, Issue 3 March 2018	Open Access
16	G.Nageswara Rao	Selective Harmonic Elimination Technique for a Cascaded Multilevel Inverter Using Intelligent Systems	International Journal of Robotics and Information Technology, ISSN (Online): 2001-5569, Volume 1, Issue 1, November 2017, Pg: 10-16	Open Access
17	G.Nageswara Rao	Hybrid Evaluation Technique for the Optimal Switching Angles in Power System	International Journal of Engineering Technology Science and Research IJETSR, ISSN 2394 – 3386, Volume 4, Issue 11 November 2017	Open Access
18	Mrs Vanajakshi Dr M.Uma Vani	Power Quality Improvement using 24 pulse AC-DC Converter for an Isolated Hydro power generation	International Journal of Electronics, Electrical and Computational Research , ISSN 2348-117X, Volume 6, issue 11, November 2017	Open Access
19	1.Dr M.Uma Vani 2. P. Bala Nagu	Decentralized Coordinated control of Multiagent System for Autonomous Micro Grid Operation	International Journal of Innovative Engineering and Management Research, ISSN 2456 – 5083, Volume 6, Issue 8 August 2017	Open Access
20	1.Chintalapudi V Suresh 2.M.S. Giridhar 3.U. Ramanaih 4.S. Sivanagaraju	Analysis Of Certain Multi Objective Aspect For Distribution Systems In The Presence Of Capacitors Using Modified Optimization Algorithm	i-manager's Journal on Electrical Engineering, Vol. 11 1No. 2 1October - December 2017, ISSN-0973-8835	Open Access
21	Dr.P.Sobha Ranil, Dr.M.S.Giridhar2, Mr.R.Sarveswara Prasad3	Effect of Temperature and Irradiance on Solar Module Performance	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 13, Issue 2 Ver. III (Mar. – Apr. 2018), PP 36-40	Open Access
22	P.Ramesh, E. Raghu Babu	Pv Based Grid Interconnection At Distribution Level With Power Quality Improvement Features	International Journal of Advance Engineering and Research Development (IAERD), e-ISSN : 2348-4470, p-ISSN : 2348-6406, Volume 04 Issue 11, November-2017	Open Access

23	Mrs Vanajakshi Dr M.Uma Vani R.Srinivasa Rao	An Optimal Selective Harmonic Mitigation Technique in Power System by using Shunt Active Power Filter	International Journal for Modern Trends in Science and Technology ISSN: 2455-3778 :: Volume: 03, Issue No: 12, December 2017	Open Access
24	V.Siva Parvathi R.Padma	IOT based Home Automation using Arduino and NODEMCU	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6 Issue IV, April 201, ISSN: 2321-9653	Open Access
25	1.G.Srinivasa Rao 2.K.Harinadha Reddy	Matlab based simulation model of standalone DC microgrid for remote area power applications	International Journal of Energy & Technology, Volume 7, number 1.8, special issue, PP 153-157, ISSN 2227-524X, June 2018	Open Access
26	1.Ch.Rami Reddy 2.K.Harinadha Reddy	Islanding detection for inverter based distributed generation with Low frequency current harmonic injection through Q controller and ROCOF analysis	J.Electrical Systems, Vol.14,no.2, pp 179-191, Jun2018, ISSN:11125209	SCI Indexed IF 0.24
27	P.Balnagu Dr.M.Uma Vani	A Fuzzy-Logic Based Control Methodology in Microgrids in the Presence of Renewable Energy Units	International Journal of Engineering & Technology, Volume 7, No 2.20, 2018, ISSN: 2227-524X	Open Access
28	K. Harinadha Reddy S. Govinda Raju	Fuzzy autonym MFs to improve complex grid network security by fuzzy implication PSO algorithm for dealing of islanding ADCS mode	Int. J. of Systems, Control and Communications, 2018 Vol9, No.3, pp.230 – 254 ISSN online: 1755-9359, ISSN print: 1755-9340	Scopus Indexed IF 0.235
29	1.Dr Pagidimarri Krishna 2. M.Aruna 3. S. Prem Kumar	Design of Power Factor Correction Model Using PFC Boost Converter for Control Solid-State Lamps	International Journal for Modern Trends in Science and Technology ISSN: 2455-3778 :: Volume: 04, Issue No: 03, March 2018	Open Access

Conference Publications

S.No	Name of the authors	Title of the paper	Name of the Conference	National/International and Impact Factor
1	1.Punya Sekhar, 2.Dr M.Uma Vani 3.Dr PV Ramana Rao	Novel Multilevel Inverter With Minimum Number Of Switches	IEEE International Conference on Recent Trends in Electrical , Electronics and Computing Technologies (ICRTEECT 2017) held on 30 & 31 July 2017.at SR ENGINEERING COLLEGE, WARANGAL.	International
2	1.G.Tabita 2.K.Nagalinga Chary 3.Imran Abdul	Power Quality Improvement with nine level multi level inverter for single phase grid connected system	International Conference on Engineering, Science, Technology & Management held on 30 th June, 2018 organized by Vikas College of Engineering, Vijaywada	International
3	1.P.Srihari 2.A.V.Ravi Kumar 3. Murali Krishna	PV fed Induction Motor Drive using High Step up Resonant Converter	International Conference on Engineering, Science, Technology & Management held on 30 th June, 2018 organized by Vikas College of Engineering, Vijaywada	International