



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NBA Accredited, ISO 9001:2015 Certified, Affiliated to JNTUK

L.B.REDDY NAGAR, MYLAVARAM-521 230, KRISHNA Dist. A.P

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Phone: 08659-222933/extn:203

eee.lbrce@gmail.com

Publications for A.Y 2018-19

Journal Publications for the A.Y 2018-19

S.No	Name of the authors	Title of the paper	Name of the Journal	DOI/Indexing and Impact Factor
1	1. Ch Punya Sekhar 2. Dr P.V.Ramana Rao 3. Dr.M.Uma Vani	A novel grid interconnected symmetrical & asymmetrical multi level inverter topologies for DG applications	Journal of Engineering Technology, ISSN 0747-9964, Volume 6, issue 2, July 2018, Pages 27-41 IF: 0.15	SCI Indexed IF: 0.486
2	J.Sivavara Prasad K.R.L.Prasad, G. Nageswara Rao	Linear Peak Current Mode Control Of Two Level Isolated DC-DC Converter	International Journal Of Advanced Research In Dynamical And Control Systems (JARDCS), ISSN No.1943-023X, Volume 10 , July 2018, Pages 42-57. IF: 0.114	Scopus Indexed IF: 0.294
3	M.Kiran Kumar J.Sivavara Prasad	Three- Port Soft - Switching DC-DC Interleaved Boost Converter Topology Using Renewable Energy Sources	International Journal Of Advanced Research In Dynamical And Control Systems (JARDCS), ISSN No.1943-023X, Volume 10 , July 2018, Pages 36-41. IF: 0.114	Scopus Indexed IF: 0.388
4	A.Sharmila Begum, P. Deepak Reddy	FOT Controlled Buck Converter Based Grid Integrated Scheme Using PV System	International Journal of Engineering Research and General Science Volume 6, Issue 4, July-August, 2018 ISSN 2091-2730, PP 74-82	Open Access
5	B.Jyothi M. Uma Vani	Intelligent control of Distribution Generation for Voltage Sag mitigation in Distribution system	International Journal of Engineering Research and General Science Volume 6, Issue4, July- August 2018, ISSN 2091-2730, PP 1-9	Open Access
6	E.Damodar Reddy J.V .Pavan Chand,	A Flywheel Energy Storage System Integrated With PV For FRT Support Of Grid Connected HVDC	International Journal of Engineering Research and General Science Volume 6, Issue 4, July-August, 2018 ISSN 2091-2730, PP 60-66	Open Access

		–Based Offshore Wind Farms		
7	G. Bindu Mrs. K. S. L. Lavanya	Interleaved Three-Phase Three-Level AC-DC Single-Stage PFC Converter	International Journal of Engineering Research and General Science Volume 6, Issue 4, July-August, 2018 ISSN 2091-2730, PP 103-110	Open Access
8	G.Supriya K.Nagalinga Chary	Modeling And Implementation Of Hybrid AC/LVDC Micro Grid	International Journal of Engineering Research and General Science Volume 6, Issue 4, July-August, 2018 ISSN 2091-2730, PP 111-119	Open Access
9	K.Ravikumar Reddy K.Sudheer Kumar	Sinusoidal Pulse Width Modulation Based Adaptive Dc Link Voltage For CPI Voltage Variations	International Journal of Engineering Research and General Science Volume 6, Issue 4, July-August, 2018 ISSN 2091-2730, PP 120-126	Open Access
10	K.Sudha Rani E.Raghu Babu	Fuzzy Controller Based Low Cost High Efficiency Converter For Autonomous Photovoltaic Water Pumping System	International Journal of Engineering Research and General Science Volume 6, Issue 4, July-August, 2018 ISSN 2091-2730, PP 83-93	Open Access
11	P.L. Santosh Kumar Reddy B.Pangedaiah	A Novel Back To Back Grid Connected Hybrid Photovoltaic/Wind	Global Journal Of Engineering Science And Researches, ISSN 2348 – 8034, PP 406-413, Special Issue	UGC Approved
12	Sk. Nawaz shareef G.Tabita	Design And Analysis Of Modular Cascaded H-Bridge Multilevel Inverter For MPPT Based PV Connected Grid Applications	International Journal of Engineering Research and General Science Volume 6, Issue 4, July-August, 2018 ISSN 2091-2730, PP 67-73	Open Access
13	S.V.R.Lakshmi Kumari Dr.M.Uma Vani	Dynamic Voltage Restorer for Sag and Swell Issues in Power System	Indonesian Journal of Electrical Engineering and Computer Science, Volume 11, No.3, September 2018, PP 797-804. ISSN: 2502-4752 IF: 0.182	Scopus Indexed

14	Ch. Rami Reddy, K. Harinadha Reddy	A Passive Islanding Detection Method for Neutral point clamped Multilevel Inverter based Distributed Generation using Rate of Change of Frequency Analysis	International Journal of Electrical and Computer Engineering (IJECE) Vol. 8, No. 4, August 2018, pp. 1967~1976 ISSN: 2088-8708, IF: 0.296	Scopus Indexed
15	G. Naveen1, K. Harinadha Reddy2, Ch. Rami Reddy3, B. Ramakrishna4, P. Bramaramba5	Passive Islanding Detection Method For Integrated DG System With Balanced Islanding	International Journal of Pure and Applied Mathematics Volume 120 No. 6 2018, ISSN: 1314-3395, Special Issue PP 4041-4057	Open Access
16	Ch. Rami Reddy,1, K. Harinadha Reddy2, Sk. Karimulla3, J. Suneel Babu4, B. Praveen Kumar5, G. Naveen6	A Novel Passive Approach For Islanding Detection Of Integrated DG System Under Zero Power Imbalance	International Journal of Pure and Applied Mathematics Volume 120 No. 6 2018, ISSN: 1314-3395, Special Issue PP 4059-4077	Open Access
17	P. Srihari*1, A.V. Ravikumar2 & Murali Krishna Yalla3	PV Fed Induction Motor Drive Using High Step Up Resonant Converter	<i>Global Journal Of Engineering Science And Researches</i> , ISSN2348–8034, Special Issue, September 2018 PP 526-541	UGC Approved
18	K. V. Siva Reddy1, SK. Moulali2, K. Harinadha Reddy3, Ch. Rami Reddy4, B. V. Rajanna5, G. Venkateswarlu6, Ch. Amarendra7	Resonance Propagation and Elimination in Integrated and Islanded Microgrids	International Journal of Power Electronics and Drive System (IJPEDS) Vol. 9, No. 3, September 2018, pp. 1445~1456 ISSN: 2088-8694, IF: 0.217	Scopus Indexed
19	1.J.Sivavara Prasad 2.Y.P.Obulesh 3.Ch.Sai Babu	FPGA Controlled Seven Level Isolated DC-DC Converter	International Journal of Electronics Letters (Taylor & Francis), Volume 106, No 5, 2019, ISSN: 2168-1724, February, 2018 IF: 0.264	Scopus Indexed DOI: https://doi.org/10.1080/21681724.2019.1581843

20	Sudha Dukkipati, P Siva Shankar, A V G A Marthanda	A Novel Approach for Power Factor Controller Design	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-4, February 2019	DOI- Nil Open Access
21	Ch. Rami Reddy K. Harinadha Reddy	A New Passive Islanding Detection Technique for Integrated Distributed Generation System Using Rate of Change of Regulator Voltage Over Reactive Power at Balanced Islanding	Journal of Electrical Engineering & Technology (Springer) March 2019, Volume 14, Issue 2, pp 527–534, ISSN 19750102 IF: 0.227	SCI Indexed
22	T. Nagadurga, P. V. R. L. Narasimham V. S. Vakula	Harness of maximum solar energy from solar PV strings using particle swarm optimisation technique	International Journal of Ambient Energy ISSN: 0143-0750 (Print) 2162-8246 (Online) Published online: 10 May 2019, Pages 1-10, Volume 40, Issue 6. IF: 0.355	DOI: 10.1080/01430750.2019.1611643 SCI Indexed
23	G.Nageswara Rao	Analysis of Cascaded H-Bridge Multilevel Inverter for Effectiveness of APF with Integration Control	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7 Issue-6S2, PP 36-39, April 2019	Open Access
24	Balanagu Dr.M.Umavani	A fuzzy logic based control methodology in microgrids in the presence of renewable energy units	International Journal of Engineering & Technology (UAE), Volume 7, No (2.20), 2018, Pages 280-286, ISSN 2227-524X, Special Issue IF: 0.102	Scopus Indexed DOI:10.14419/ijet.v7i2.20.14778
25	Balanagu Dr.M.Umavani	Voltage and frequency controller in a multi micro grid system	Journal of Advanced research in dynamical and control systems, volume 10, issue 13, Special Issue, Oct 2018, ISSN No.1943-023X IF: 0.114	Scopus Indexed

26	Vanajakshi Dr M.Uma Vani Dr R.Srinivasa Rao	A linear quadratic regulator (LQR)-based switching controller for high power applications by minimizing switching angle	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN: 2249-6890, Volume 8, Special Issue 3, Dec 2018, Pages: 752-759 IF: 0.17	Scopus Indexed
27	Ch. Punya Sekhar, P. V. Ramana Rao, M. Uma Vani	A novel symmetrical & asymmetrical reduced-switch topologies for grid tied PV systems	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume 8, Issue 8, June 2019, PP- 2209-2215	Open Access
28	1. Ch Punya Sekhar 2. Dr P.V.Ramana Rao 3. Dr.M.Uma Vani	Design and Implementation of Compact-Integrated Solar PV Symmetrical MLI Topology for RES Applications	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-5, June 2019 IF:-	Scopus Indexed
29	1. Ch Rami Reddy 2. Dr K.Harinadha Reddy	Islanding Detection Techniques for Grid Integrated Distributed Generation –A Review	International Journal of Renewable Energy Research, vol.9, no.2, PP 960-977, ISSN:1309-0127, June 2019 IF: 0.675	SCI Indexed
30	Ch. Rami Reddy K. Harinadha Reddy	An Efficient Passive Islanding Detection Method for Integrated DG System with Zero NDZ	INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH Vol.8, No.4, December, 2018 ISSN:1309-0127	SCI Indexed

Conference Publications

S.No	Name of the authors	Title of the paper	Name of the Conference	National/International and Impact Factor
1	K. Harinadha Reddy; S. Govinda Raju; A. Amerandra	Fuzzy inference ACO islanding detection and stability analysis of integrated power system	2018 IEEE Power & Energy Society Innovative Smart Grid Technologies Conference (ISGT), Washington DC, DC, USA, USA, 19-22 Feb. 2018 Date of publication: 09, July 2018	International Scopus Indexed
2	K. Harinadha Reddy S. Govinda Raju	A New Approach of Grid Integrated Power System Stability and Analysis	Springer Proceedings of the Second International Conference on Computational Intelligence	International 978-981-13-1921-1 Scopus Indexed

		Through Fuzzy Inference PSO Algorithm for Handling of Islanding PDCS Mode Datasets	and Informatics pp 501-510, July 26, 2018	
3	Ch. Rami Reddy, K. Harinadha Reddy and K. Venkata Siva Reddy	Recognition of Islanding Data for Multiple Distributed Generation Systems with ROCOF Shore Up Analysis	Springer Proceedings of Smart Intelligent Computing and Applications, Smart Innovation, Systems and Technologies, pp 547-558 , 02 October 2018 https://doi.org/10.1007/978-981-13-1921-1_54	International 978-981-13-1921-1 Scopus Indexed
4	Ch. Amarendra and K. Harinadha Reddy	PSO Algorithm Support Switching Pulse Sequence ISVM for Six-Phase Matrix Converter-Fed Drives	Springer Proceedings of Smart Intelligent Computing and Applications, Smart Innovation, Systems and Technologies, pp 5597-569 , 02 October 2018 https://doi.org/10.1007/978-981-13-1921-1_55	International 978-981-13-1921-1 Scopus Indexed
5	Dr.P.Sobha Rani Dr.MS Giridhar Mr R.Sarveswara Prasad	Solar PV system DC-DC converter duty-ratio for variations in the load demand, irradiance and temperature	3 rd International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with Their impact on humanity (CIPECH-18), 1 st -2 nd November 2018, KIET, Ghaziabad, Delhi	International

Text Books:

S.No.	Title of the Book	Name of the Authors	Name of the Publisher with Address	ISBN number	Publication date
1	Balanced Islanding Detection of Integrated Distributed Generation	Ch.Rami Reddy K.Harinadha Reddy	Lambert Academic Publishing, Germany	978-3-330-08154-3	July, 2018