



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

Vignana Jyothi Nagar, Bachupally, Nizampet (S.O.), Hyderabad – 500 090

Department of Electrical and Electronics Engineering

Academic Year 2015-2016:

S. No	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/T title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS / WoS/UGC/ refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1	Ravindranath Tagore Yadlapalli, Anuradha Kotapati	Simulation of hybrid power sources for industrial LED lighting systems	Journal of Electrical Engineering	2016, pp. 1-12	Scopus	ISSN: 1582-4594
2	K. Shireesha, K. Anuradha, Ch. Manjeera	Wavelet Modulated Z-Source Inverter	International Journal of Electrical and Electronics Engineering Research (IJEER)	Vol. 5, No. 5, Oct. 2015, pp. 1-10	Google Scholar	ISSN: 2250-155X
3	N. Hima Bindu, K. Anuradha	Modelling and Design of Novel Multilevel inverter for grid connected Photovoltaic system	International Journal of Electrical and Electronics Engineering Research (IJEER)	Vol. 5, No. 5, Oct. 2015, pp. 51-58	Google Scholar	ISSN: 2250-155X
4	D. Ravi Kumar, K. Anuradha, P. Saraswathi, R. Gokaraju, M. Ramamoorthy	New low cost passive filter configuration for mitigating bus voltage distortions in distribution systems	IEEE International Conference on Building Efficiency and Sustainable Technologies	Aug. 31-Sep. 01, 2015, pp. 1-6	Scopus	ISBN: 978-1-5090-0160-6/15

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5	Manthri Swamy, K. Anuradha, B. Ganesh Babu	DC level stabilization in Neutral Point Clamped multilevel inverters	Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG)	Dec. 11-12, 2015, pp. 211-216	Scopus	ISBN: 978-1-4673-6890-2/15
6	Manthri Swamy, K. Anuradha, B. Ganesh Babu	DC Level Stabilization In Multilevel Inverters	International Conference on Emerging Trends in Electrical Systems and Engineering	03 Jul. 2015, pp. 124-129	Google Scholar	ISBN: 978-93-83038-35-0
7	Y.Ravindranath Tagore,K.Anuradha	Comparative study of switched-mode power supplies for low output voltage and high current applications	Journal of Electrical Engineering	2016, pp. 1-10	Scopus	ISSN: 1582-4594
8	M. Srikanth, S. Tarakalyani, Poonam Upadhyay	Grid Connected Single-Phase Bidirectional Inverter with MPPT Tracker	International Electrical Engineering Journal (IEEJ)	Vol. 6, No. 5, 2015, pp. 1898-1904	Google Scholar	ISSN: 2078-2365
9	D. Charishma, Poonam Upadhyay, D. Ravi Kumar, U. Haritha	Reactive Power compensation in power system using Evolutionary Algorithm	International Journal of Latest Research in Science and Technology	Vol. 4, no. 4, July 2015, pp. 111-114	Google Scholar	ISSN: 2278-5299
10	Rathnasagar Rangu, Poonam Upadhyay	Study of Transient Stability Improvement of IEEE 9-Bus	International Journal of Engineering Trends and Technology	Vol. 27, No. 3, Sep. 2015, pp. 162-166	Google Scholar	ISSN: 2231-5381

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		System by using SVC	(IJETT)			
11	T. Rakesh, V. Madhusudhan, M. Sushama	Distribution Systems Reliability Analysis with Power Quality issues and Neutral Currents Compensation Mistreatment MLI-DSTATCOM	i-manager's Journal on Circuits and Systems	Mar. 2016	Google Scholar	ISSN: 2322-035X
12	T. Rakesh, V. Madhusudhan, M. Sushama	MI Control of MLI-DSTATCOM for Sag and Swell Enhancement in Power Distribution System	International Electrical Engineering Journal (IEEJ)	Vol. 7, No. 6, 2016, pp. 2279-2285	Google Scholar	ISSN: 2078-2365
13	T. Rakesh, V. Madhusudhan, M. Sushama	An Exploration of MLI Topology and Control Techniques	International Electrical Engineering Journal (IEEJ)	Vol. 7, No. 8, 2016, pp. 2339-2346	Google Scholar	ISSN: 2078-2365
14	N. Raveendra, V. Madhusudhan, A. Jayalakshmi	Modeling and Simulation of DSTATCOM for Power Quality Enhancement in Distribution System	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Vol. 5, No. 6, June 2016, pp. 5682-5689	Google Scholar	ISSN: 2320-3765

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15	M. Rama Subbamma, V. Madhusudhan, K.S.R. Anjaneyulu	SRM Speed control with various Converter Topologies	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Vol. 5, No. 6, June 2016, pp. 4939-4950	Google Scholar	ISSN: 2320-3765
16	M. Rama Subbamma, V. Madhusudhan, K.S.R. Anjaneyulu, P. Sujatha	A Variable Speed PFC Converter for Brushless SRM Drive	International Journal of Cybernetics & Informatics	Vol. 5, No. 1, Feb. 2016, pp. 31-44	Google Scholar	ISSN: 2277-548X
17	V. Rama Chandra Reddy, V. Madhusudhan, B. Mouli Chandra	Reduction in Commutation Torque Ripple in Sensor less BLDC Motor Fed by Pvcells using Fuzzy Logic Controller	International Journal of Research	Vol. 2, No. 12, Dec. 2015, pp. 605-611	Google Scholar	ISSN: 2348-6848
18	K. Balaji, V. Madhusudhan, B. Mouli Chandra	A New Power Factor Correction Method using an Inverter Fed Interior Permanent Magnet (IPM) Motor	International Journal & Magazine of Engineering, Technology	Vol. 2, No. 12, Dec. 2015, pp. 468-473	Google Scholar	ISSN: 2348-4845
19	V. Madhusudhan, M. Gayathri	A New Control Scheme for PWM of 4-Leg Voltage Source Inverter Fed Unsymmetrical Two Phase Induction Motor	International Journal of Scientific Engineering and Technology Research	Vol. 4, No. 47, Nov. 2015, pp. 10291-10299	Google Scholar	ISSN: 2319-8885

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20	V. Madhusudhan, C. Subbaramireddy, Y. Venkata Prasad	Modified DTC Scheme using Fuzzy Logic Control for a FSTPI Fed Induction Motor Drive	International Journal of Scientific Engineering and Technology Research	Vol. 4, No. 33, Aug. 2015, pp. 6536-6542	Google Scholar	ISSN: 2319-8885
21	V. Moorthy, P. Sangameswararaju, J. Viswanatharao, S. Ganesan, S. Subramanian	Cost/Environmentally Compromised Dispatch for Cascaded Hydrothermal System Using Artificial Bee Colony Algorithm	IEEJ Transactions on Electrical and Electronics Engineering	Vol. 10, No. 1, 2015, pp. 42-54	Google Scholar	ISSN: 1931-4981
22	V. Moorthy, P. Sangameswararaju, J. Viswanatharao	Combined Energy Economic and Environmentally Conscious Operation of Hydrothermal Power System Using Artificial Bee Colony Algorithm	Journal of Basic and Applied Engineering Research	Vol. 2, No. 17, July 2015, pp. 1431-1436	Google Scholar	ISSN: 2350-0077
23	B. Siva Krishna, U. Lilli Kumar, J. Viswanatharao	Hybrid Renewable Energy Sources Based Active Power Filter with Predictive Fuzzy Controller to Improve Power Quality	International Journal of Scientific Engineering and Technology Research	Vol. 4, No. 35, Aug. 2015, pp. 7054-7061	Google Scholar	ISSN: 2319-8885
24	P. Shamshad, J. Viswanatharao, P. Sunil	Closed loop control of Inverter/Convert	International Journal of Scientific	Vol. 4, No. 33, Aug.	Google Scholar	ISSN: 2319-8885

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	Kumar	er Topology for Electric Vehicle	Engineering and Technology Research	2015, pp. 6589-6594		
25	S. Manikandan, S. Sasitharan, J. Viswanatha Rao, V. Moorthy	Analysis of Optimal Conductor Selection for Radial Distribution Systems Using DPSO	3rd International Conference on Electrical Energy Systems (ICEES)	17-19 March 2016, pp. 96-101	Scopus	ISBN: 978-1-4673-8262-5
26	Kalyan Sagar Kadali, L. Rajaji, V. Moorthy, P. Sangameshwar araju, J. Viswanatharao	Environmental Sustainability in Hydrothermal System Using ABC Algorithm: A Statistical Comparison	Annual IEEE India Conference (INDICON)	December 17-19, 2015, pp. 1-6	Scopus	ISBN: 978-1-4673-6540-6/15
27	S. Manikandan, S. Sasitharan, J. Viswanatha Rao, V. Moorthy	Analysis of Optimal Capacitor Placement in Radial Distribution Systems Using DPSO	International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016)	17-19 March 2016	Google Scholar	ISSN:2213-0209
28	N. V. Siva Kumari, V. Ramesh Babu	MODELLING OF AXIAL FLUX PERMANENT MAGNET SYNCHRONOUS MACHINE AND ITS STABILITY ANALYSIS	International Journal of Latest Research in Science and Technology	Vol. 4, No. 4, July 2015, pp. 101-105	Google Scholar	ISSN: 2278-5299
29	K. Swetha, V. Ramesh Babu	Performance Analysis of V/f Controlled	International Journal of Engineering	Vol. 26, No. 4, Aug.	Google Scholar	ISSN: 2231-5381

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		Inverter Fed Induction Motor under Different Conditions	Trends and Technology (IJETT)	2015, pp. 221-224		
30	U. Harika, N. Krishna Kumari	Multilevel Inverter fed Permanent Synchronous Motor with Field Oriented Control Using Three Level Space Vector Modulation	ICGST- Automatic Control System Engineering Journal	Vol. 15, No. 2, Dec. 2015, pp. 17-23	Google Scholar	ISSN: 1687-4811
31	N. Krishna Kumari, G. Tulasi Ram Das, M. P. Soni	Implementation of FPGA on SPM Drive Using PI Controller	ICGST- Automatic Control System Engineering Journal	Vol. 15, No. 2, Dec. 2015, pp. 37-46	Google Scholar	ISSN: 1687-4811
32	Sumana Das, G. Sasi Kumar	Over Current And Over Voltage Diminution Using Active SFCL In A Distribution System With Dg Units	International Journal of Electrical and Electronics Engineering Research (IJEEER)	Vol. 5, No. 4, Aug. 2015, pp. 75-82	Google Scholar	ISSN: 2278-943X
33	Y. Anusha, G. Sasi Kumar	Optimal Location of Distributed Generator in Radial Distribution System by Using Genetic Algorithm	International Journal of Engineering Trends and Technology (IJETT)	Vol. 27, No. 5, Sep. 2015, pp. 231-237	Google Scholar	ISSN: 2231-5381

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34	Neelakanteshwar Rao Battu, A. R. Abhyankar, Nilanjan Senroy	DG Planning with Amalgamation of Economic and Reliability Considerations	International Journal of Electrical Power and Energy Systems	Vol. 73, Dec. 2015, pp. 273-282	SCI	ISSN: 0142-0615
35	Neelakanteshwar Rao Battu, Nilanjan Senroy, A. R. Abhyankar	Effect of Capacitors on Frequency of OLTC Tap Changes in the Presence of Wind Generation	International Journal of Emerging Electric Power Systems	Vol. 16, No. 4, Aug. 2015, pp. 385-395	Scopus	ISSN: 1553-779X
36	Neelakanteshwar Rao Battu, A. R. Abhyankar, Nilanjan Senroy	DG Planning with Amalgamation of Operational and Reliability Considerations	International Journal of Emerging Electric Power Systems	Vol. 17, No. 2, Feb. 2016, pp. 131-141	Scopus	ISSN: 1553-779X
37	Neelakanteshwar Rao Battu, A. R. Abhyankar, Nilanjan Senroy	Optimal location and quantum of DG in a multi-feed system with varying LMPs	Annual IEEE India Conference (INDICON)	December 17-19, 2015, pp. 1-6	Scopus	ISBN: 978-1-4673-7399-9
38	Neelakanteshwar Rao Battu, A. R. Abhyankar, Nilanjan Senroy	Distribution system reconfiguration in a deregulated environment	IEEE 6th International Conference on Power Systems (ICPS)	4-6 March 2016	Scopus	ISBN: 978-1-5090-0128-6
39	J. Srinivasa Rao et. Al.,	Wind energy conversion using matrix converter	2nd International Conference on Innovations in Electrical and Electronics Engineering (ICIEEE-2015)	21-22 Aug. 2015, pp. 188-190	Google Scholar	ISBN: 978-93-8500-39-0

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40	J. Srinivasa Rao et. Al.,	Subsynchronous Resonance mitigation for wind farm	3rd National Conference on Emerging Technologies in Electrical & Electronics Engineering (ETE-2016)	29-30 Jan. 2016	Google Scholar	-
41	J. Srinivasa Rao et. Al.,	Modeling of Photovoltaic System	3rd National Conference on Emerging Technologies in Electrical & Electronics Engineering (ETE-2016)	29-30 Jan. 2016	Google Scholar	-
42	J. Bhavani, D. Subba Rayudu	Generalized PWM Algorithm for 3-level Diode Clamped Inverter fed Direct Torque Controlled Induction Motor Drive	International Journal of Advanced Research in Electrical ,Electronics and Instrumentation Engineering	Vol.4, no. 2, Dec. 2015, pp. 9664-9676	Google Scholar	ISSN: 2320-3765
43	T. Nireekshana, G. Kesava Rao, S. Sivanaga Raju	Available Transfer Capability Enhancement with FACTs Using Cat Swarm Optimization	Ain Shams Engineering Journal, Elsevier	Vol. 7, No. 1, Mar. 2016pp. 159-167	Scopus	ISSN: 2090-4479
44	P. Karthik Chowdary, T. Nireekshana	Enrichment of Available Transfer Capability Using TCSC	International Journal of Electrical and Electronics Engineering Research (IJEEER)	Vol. 5, No. 4, Aug. 2015, pp. 15-22	WoS	ISSN: 2250-155X

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45	Nalla Srihari, T. Nireekshana	Contribution Factors for tracing Electricity among generators to loads	International Journal of Engineering Trends and Technology (IJETT)	Vol. 27, No. 4, Sep. 2015, pp. 174-177	Google Scholar	ISSN: 2231-5381
46	T. Nireekshana, G. Kesava Rao	Available Transfer Capability Enhancement with TCSC using Modified GA Approach in Deregulated Power Systems	Recent Trends in Power, Control and Instrumentation Engineering PCIE	Dec 26-27, 2015, pp. 1-8	Google Scholar	-
47	K. Veeresham, K. Vaisakh	Seeker Optimization Algorithm for Optimal Transmission Expansion Planning with Generator/Load Models and Frequency Control	TJPRC- International Journal of Power Systems & Microelectronics	Vol. 2, No. 1, June 2016, pp. 87-100	Google Scholar	-
48	K. Veeresham, K. Vaisakh	Optimal Transmission Expansion Planning With Generator/Load Models And Frequency Controls Using Differential Evolution Algorithm	International Journal of Industrial Electronics and Electrical Engineering	Vol. 3, No. 12, Dec 2015, pp. 25-31	Google Scholar	ISSN: 2347-6982
49	K. Veeresham, K. Vaisakh	Bat Algorithm Based Optimal Transmission	International Journal of Electrical,	Vol. 3, No. 11, Nov.	Google Scholar	ISSN: 2320-2084

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		Expansion Planning With Generator/Load Models And Frequency Controls	Electronics and Data Communication	2015, pp. 44-50		
50	Ch. Anil Kumar, K. Veeresham	Comparison of 3-Phase Cascaded & Multi Level DC Link Inverter with PWM Control Methods	International Journal of Engineering Research and Applications (IJERA)	2016, pp. 52-57	Google Scholar	ISSN: 2248-9622
51	D. Ravi Kumar, V. Sankar	Approximate System Reliability analysis of Distribution Networks with repairable components and Common Cause Failures	i-manager's Journal on Electrical Engineering	Vol. 9, No. 3, Jan. 2016, pp. 32-40	Google Scholar	ISSN: 2230-7176
52	D. Charishma, Poonam Upadhyay, D. Ravi Kumar, U. Haritha	Reactive Power compensation in power system using Evolutionary Algorithm	International Journal of Latest Research in Science and Technology	Vol. 4, no. 4, July 2015, pp. 111-114	Google Scholar	ISSN: 2278-5299
53	D. Ravi Kumar, K. Anuradha, P. Saraswathi, R. Gokaraju, M. Ramamoorthy	New low cost passive filter configuration for mitigating bus voltage distortions in distribution systems	IEEE International Conference on Building Efficiency and Sustainable Technologies	Aug. 31-Sep. 01, 2015, pp. 1-6	Scopus	ISBN: 978-1-5090-0160-6/15
54	G. Radhika, M. Suryakalavathi	Computation of 400 kV Phase and Sequence	i-manager's Journal on Power	Vol. 3, No. 3, Aug.	Google Scholar	ISSN: 2321-7499

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		impedance Matrices Signifying Transposition	Systems Engineering	2015, pp. 1-7		
55	G. Rahika, M. Suryakalavathi, G. Venu Gopal	Development of Small Scale Impulse Current Generator for Testing of MO Blocks	IEEMA Journal	Jan. 2016, pp. 66-72	Google Scholar	ISSN: 0970-2946
56	U. Gayatrisarvani, G. Radhika	Islanding operation of Renewable Energy Sources in a Microgrid System	International Journal of Electrical & Electronics Engineering Research	Vol. 5, No. 4, Aug. 2015, pp. 45-52	Google Scholar	ISSN: 2250-155X
57	G. Radhika, M. Suryakalavathi, K. Vamshi	Significance of Transposition for 220 kV Tower	International Journal of Latest Research in Science and Technology	Vol. 4, No. 5, Sep. 2015, pp. 4-8	Google Scholar	ISSN: 2278-5299
58	E. Shiva Prasad, B. V. Shanker Ram	Multi-Objective Optimized Controller for Torque Ripple Minimization of Switched Reluctance Motor Drive System	Indian Journal of Science and Technology	Vol. 9, No. 20, May 2016, pp. 1-10	Scopus	ISSN: 0974-5645
59	Ch. Arun Kumar, E. Shiva Prasad	Comparative analysis of asymmetric bridge converter and R-dump converters in switched reluctance motor drive	International Journal of Control Theory and Applications (IJCTA)	Vol. 9, No. 29, 2016, pp. 347-352	Scopus	ISSN: 0974-5572

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60	E. Shiva Prasad, B. V. Shanker Ram	A Novel Optimized Controller for Speed Enhancement of Switched Reluctance Motor Drive System	International Journal of Electrical, Electronics and Telecommunication Engineering	Vol. 46, No. 2, May 2016, pp. 1-10	Google Scholar	ISSN: 2051-3240
61	Vuppalapati Dinesh, E. Shiva Prasad	Simulation of Dual active bridge converter for energy storage system	International Journal of Engineering Trends and Technology (IJETT)	Vol. 27, No. 2, Sep. 2015, pp. 1-5	Google Scholar	ISSN: 2231-5381
62	E. Shiva Prasad, B. V. Shanker Ram	Comparison Of Control Strategies for Switched Reluctance Motor Drive	2nd International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE-2016)	pp. 8-19	Google Scholar	ISBN: 978-93-83038-43-5
63	M. Ranjit, M.Sumajali, B. Ganesh Babu	Decoupled SVPWM Algorithm For Open-End Winding Induction Motor Drive	Journal of Electrical Engineering	2015, pp. 1-8	Scopus	ISSN: 1582-4594
64	Ranjit M, Sumajali M, Ganesh Babu B	Open-end Winding Induction Motor Drive Using Decoupled Algorithm	Journal of Electrical & Electronic Systems	Vol. 5, No. 1, 2016, pp. 1-9	Google Scholar	ISSN: 2332-0796

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65	Manthri Swamy, K. Anuradha, B. Ganesh Babu	DC level stabilization in Neutral Point Clamped multilevel inverters	Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG)	Dec. 11-12, 2015, pp. 211-216	Scopus	ISBN: 978-1-4673-6890-2/15
66	Manthri Swamy, K. Anuradha, B. Ganesh Babu	DC Level Stabilization In Multilevel Inverters	International Conference on Emerging Trends in Electrical Systems and Engineering	03 Jul. 2015, pp. 124-129	Google Scholar	ISBN: 978-93-83038-35-0
67	S. Vinay Kumar, B. Ganesh Babu	Solar Power Pumping System for Domestic Appliances	International Conference on Emerging Trends in Electrical Systems and Engineering	pp. 118-123	Google Scholar	ISBN: 978-93-83038-35-0
68	M. Sumanjali, M. Ranjit, B. Ganesh Babu	Discontinuous PWM Techniques for Open-End Winding Induction Motor Drive for Zero Sequence Voltage Elimination	International Journal of Advanced Computing and Electronics Technology (IJACET)	Vol. 2, No. 4, July 2015, pp. 25-37	Google Scholar	ISSN: 2394-3408
69	M. Ranjit, M.Sumajali, B. Ganesh Babu	Decoupled SVPWM Algorithm For Open-End Winding Induction Motor Drive	Journal of Electrical Engineering	2015, pp. 1-8	Scopus	ISSN: 1582-4594

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70	Ranjit M, Sumajali M, Ganesh Babu B	Open-end Winding Induction Motor Drive Using Decoupled Algorithm	Journal of Electrical & Electronic Systems	Vol. 5, No. 1, 2016, pp. 1-9	Google Scholar	ISSN: 2332-0796
71	M. Sumanjali, M. Ranjit, B. Ganesh Babu	Discontinuous PWM Techniques for Open-End Winding Induction Motor Drive for Zero Sequence Voltage Elimination	International Journal of Advanced Computing and Electronics Technology (IJACET)	Vol. 2, No. 4, July 2015, pp. 25-37	Google Scholar	ISSN: 2394-3408
72	S. K. Salma Sulthana, M. Naga Jyothi	Newton-Raphson Load-Flow Analysis in Complex form with UPFC	International Journal of Engineering Trends and Technology (IJETT)	Vol. 27, No. 1, Sep. 2015, pp. 33-39	Google Scholar	ISSN: 2231-5381
73	V. Akhila, M. Naga Jyothi	Comparative analysis of conventional and intelligent methods for optimal power flow	International Journal of Electrical Electronics Engineering Research	Vol. 5, No. 5, Oct. 2015, pp. 41-50	Google Scholar	ISSN: 2250-155X
74	K. Vidyasree, G. C. Prabhakar	APPLICATION OF 3-PHASE 4-WIRE VOLTAGE SOURCE INVERTER AT THE DISTRIBUTION LEVEL	International Journal of Latest Research in Science and Technology	Vol. 4, No. 4, July 2015, pp. 157-161	Google Scholar	ISSN: 2278-5299

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75	Mohammad Sehon Pasha, G. C. Prabhakar	Micro Controller Based Energy Efficient Four Steps Charging of a Capacitor Using a Buck Converter with Consecutive Changes of its Duty Ratio	International Journal of Engineering Trends and Technology (IJETT)	Vol. 27, No. 2, Sep. 2015, pp. 89-93	Google Scholar	ISSN: 2231-5381
76	Ramagiri Mahesh, D. S. G. Krishna	Dynamic Dual Controller Strategy For Grid Tied Power Conversion System	International Journal of Electrical and Electronics Engineering Research (IJEER)	Vol. 5, No. 5, Oct. 2015, pp. 21-30	Google Scholar	ISSN: 2250-155X
77	K. Sai Krishna Reddy, D. S. G. Krishna	Dual Loop Compensator For Efficient Quadratic Boost Converter	International Journal of Electrical and Electronics Engineering Research (IJEER)	Vol. 5, No. 5, Oct. 2015, pp. 11-20	Google Scholar	ISSN: 2250-155X
78	Komakula Laharika, R. Geshma Kumari	A Novel 7-Level Inverter Topology for Dynamic Performance of Induction Motor Drive	International Journal of Control Theory and Applications (IJCTA)	Vol. 9, No. 29, 2016, pp. 339-345	Scopus	ISSN: 0974-5572
79	R. Geshma Kumari, Dola Gobinda Padhan	Sliding mode speed control of Permanent Magnet Synchronous Motor	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	Vol. 3, No. 10, Oct. 2015, pp. 16-19	Google Scholar	ISSN: 2321-2004

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80	Hari Priya T, Aivelu M. Parimi, U. M. Rao	Performance evaluation of high voltage gain boost converters for DC grid integration	International Conference on Circuit, Power and Computing Technologies (ICCPCT)	March 2016, pp. 1-6	Scopus	ISBN: 978-1-5090-1276-3/16
81	Hari Priya T, Aivelu M. Parimi, U. M. Rao	Development of hybrid controller for photovoltaic based DC-DC boost converter in DC grid connected applications	International Conference on Circuit, Power and Computing Technologies (ICCPCT)	18-19 March 2016, pp. 1-6	Scopus	ISBN: 978-1-5090-1276-3/16
82	Hari Priya T, Aivelu M. Parimi, U. M. Rao	Performance evaluation of DC grid connected solar PV system for hybrid control of DC-DC boost converter	10th International Conference on Intelligent Systems and Control (ISCO)	Jan. 2016, pp. 1-8	Scopus	ISBN:978-1-4673-7807-9
83	P. Naresh, Ankur Patel, Archana Sharma	Conducted noise analysis and protection of 45 kJ/s,±50 kV capacitor charging power supply when interfaced with repetitive Marx based pulse power system	Review of scientific instruments	Vol. 86, No. 9, 2015, pp. 1-10	SCI	ISSN: 0034-6748

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84	Pinneli Sai Krishna Kaushik, G. Lakshminarayana	Voltage Enhancement Using Solid State Devices	International Journal of Engineering Research	Vol. 5, No. 5, Mar. 2016, pp. 197-202	Google Scholar	ISSN: 2319-6890
85	Lakshminarayana G, Jayatheertha H	ENERGY ESTIMATION: A CASE STUDY OF UNIVERSITY	International Journal of Recent Scientific Research	Vol. 7, No. 5, May 2016, pp. 11258-11260	Google Scholar	ISSN: 0976-3031
86	G. Lakshminarayana, H. Jayatheertha	Minimum Power Transmission loss using Graph Theory for Optimization	ICIAC-2016	Mar. 2016, pp. 167-169	Google Scholar	-
87	Rashmi Kapoor, M. Sushama	FPGA verification of modified repetitive controller for a power quality conditioner	International Journal of Electrical Engineering & Technology (IJEET)	Vol. 6, No. 8, Sep. 2015, pp. 77-85	SCI	ISSN: 0976-6553
88	Rashmi Kapoor, M. Sushama	Missing Sensor detection and restoration for a repetitive controlled DVR	International Journal of Applied Engineering Research	Vol. 10, No. 20, Nov. 2015, pp. 41551-41554	Scopus	ISSN: 0973-4562
89	Pradeep Reddy, A. Giri Prasad	High Efficient Cuk Converter For Low Insolation Based PV Cell Fed PMSM Drive For Water Pumping System	Journal of Advanced Technology and Innovative	Vol. 7, no. 13, Sep. 2015, pp. 2557-2562	Google Scholar	ISSN: 2348-2370

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91	Allam Kavya, A. Giri Prasad	Mitigation of voltage sag/swell caused by faults in induction motor by using DVR	International Journal of Scientific Engineering and Technology Research	Vol. 4, No. 33, Aug. 2015, pp. 6656-6663	Google Scholar	ISSN: 2319-8885
92	M. Surya Kalavathi, Giriprasad, Poonam Upadhyay, N. Rama Rao	Effect of Particle Length and Radius on movement of Metallic particle in Single Phase Gas Insulated Busduct	International conference on internet of things and applications for smart city	-	Google Scholar	ISBN:9788192958040
93	M. Surya Kalavathi, Giriprasad, Poonam Upadhyay, N. Rama Rao	Effect of Particle Length and Radius on movement of Metallic particle in Single Phase Gas Insulated Busduct	International conference on internet of things and applications for smart city	-	Google Scholar	ISBN:9788192958040
94	G. Naveen Kumar	Application of CAT Swarm optimization in testing static load models for voltage stability	Mediterranean Journal of Modeling and Simulation	Vol. 5, Feb. 2016, pp. 1-16	Google Scholar	ISSN: 2437-1122
95	K. Sasikala, G. Naveen Kumar	Voltage Stability analysis in wind power network using SSSC and SVC	International Journal of Latest Research in Science and Technology	Vol. 4, No. 4, July 2015, pp. 84-92	Google Scholar	ISSN: 2278-5299

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96	G. Sruthi, G. Naveen Kumar	Comparison of Series and Shunt FACTS Controllers for Voltage Stability in Wind Power Network	International Journal of Computer Applications	Vol. 125, No. 11, Sep. 2015, pp. 7-15	Google Scholar	ISSN: 0975-8887
97	G. Naveen Kumar	Design of a low cost servo controlled voltage stabilizer	International Journal of Research Engineering and Technology	Vol. 4, No. 3, March 2016, pp. 45-48	Google Scholar	ISSN: 2321-8843
98	G. Naveen Kumar	Series Connected FACTS controllers with CAT Swarm intelligence for voltage stability in wind power networks	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Vol. 5, No. 3, Mar. 2016, pp. 1577-1584	Google Scholar	ISSN: 2320-3765
99	K. Shireesha, K. Anuradha, Ch. Manjeera	Wavelet Modulated Z-Source Inverter	International Journal of Electrical and Electronics Engineering Research (IJEER)	Vol. 5, No. 5, Oct. 2015, pp. 1-10	Google Scholar	ISSN: 2250-155X

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1	Y.Ravindranath Tagore,K.Anuradha	Switching frequency effects and efficiency analysis of quadratic buck converter for low output voltage and high current applications	Journal of Electrical Engineering	2016, pp. 1-10	Scopus	ISSN: 1582-4594
2	A.Bhaktavachala, S.Tarakalyani, K.Anuradha	A Simplified Filter Topology for Compensating Common Mode Voltage and Electromagnetic Interference in Induction Motor Drives	Energy Procedia	Vol. 117, June 2017, pp. 377-384	Scopus	ISSN: 1876-6102
3	K. Anuradha, Gandla Radha Krishna	Neutral point voltage level stabilization and DC link capacitors voltage balance in neutral point clamped multilevel inverters	11th International Conference on Industrial and Information Systems (ICIIS)	3-4 Dec. 2016, pp. 838-843	Scopus	ISBN: 978-1-5090-3818-3

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4	Ravindranath Tagore Yadlapalli, Anuradha Kotapati	Dynamic performance comparison of Quadratic buck converter with analog and Digital average current-mode controllers	Third International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB)	27-28 Feb. 2017, pp. 173-177	Scopus	ISBN: 978-1-5090-5434-3
5	Ravindranath Tagore Yadlapalli ; Anuradha Kotapati	Efficiency analysis of Quadratic buck converter for LED lamp driver applications	International Conference on Trends in Electronics and Informatics (ICEI)	11-12 May 2017, pp. 210-214	Scopus	ISBN: 978-1-5090-4257-9
6	Kumar, D.R., Anuradha, K., Saraswathi, P., Gokaraju, R., Ramamoorthy, M.	New low cost passive filter configuration for mitigating bus voltage distortions in distribution systems	2015 IEEE International Conference on Building Energy Efficiency and Sustainable Technologies, ICBEST 2015, Singapore	IEEE Proceedings-2016, pp.79-84	Scopus	Electronic ISBN: 978-1-5090-0160-6
7	Gandla Radha Krishna, K. Anuradha	DC Link Capacitor Voltage Balance and Neutral Point Stabilization in Diode clamped Multi Level Inverter	International Journal of Control Theory and Applications (IJCTA)	Vol. 9, No. 29, 2016, pp. 361-367	Scopus	ISSN: 0974-5572

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8	Ambati Giriprasad, M.Surya kalavathy, Poonam Upadhyay	Comparision Of Metallic Partcle Movement in Single Phase Gas Insulated Busduct with and without Coating	International Journal of Electrical, Electronics and Computer Systems (IJECS)	Vol. 4, No. 9, 2016, pp. 13-20	Google Scholar	ISSN: 2347-2820
9	M.Srikanth,S.T ara kalyani,Poonam Upadhyay	Voltage Oriented Control Applied to a 3- ϕ Bidirectional Inverter for Grid Connected PV System	International Journal of Control Theory and Applications (IJCTA)	Vol. 10, No. 5, 2017, pp. 799-806	Google Scholar	ISSN: 0974-5572
10	Bodla Rajashree,Poonam Upadhyay	Application of Intelligent Technique for Economic Load Dispatch for Power System: A Review	International Journal of Application or Innovation in Engineering & Management	Vol. 5, No. 9, Sep. 2016, pp. 100-106	Google Scholar	ISSN: 2319-4847
11	M.Ramya,G.Radhika, Poonam Upadhyay	Computation of Sequence Impedances for 220kv Underground Cable with Different Short Circuit Capacities	International Journal for Modern Trends in Science and Technology (IJMTST)	Vol. 3, No. 2, March 2017, pp. 37-40	Google Scholar	ISSN: 2455-3778
12	Bodla Rajashree,Poonam Upadhyay	PSO approach for ELD problem: A review	IEEE Proceedings	19-21 Dec. 2016, pp. 225-228	Scopus	ISBN: 978-1-5090-3745-2/16
13	Ambati Giriprasad,M.Surya kalavathy,Poonam Upadhyay	Comparison of Metallic particle contamination in single phase	2nd international conference on emerging trends in	2016, pp. 56-66	Google Scholar	ISBN:978-93-83038-43-5

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		gas insulated busduct with and without coating	electrical systems & engineering			
14	Sadanandam Perumandla, Poonam Upadhyay, A. Jaya Laxmi	Fuzzy based random pulse width modulation technique for performance improvement of induction motor	2017 International Electrical Engineering Congress (iEECON)	8-10 March 2017, pp. 1-4	Scopus	ISBN: 978-1-5090-4666-9
15	N.Raveendra,V. Madhusudhan, A.Jaya lakshmi	Analysis of Five-Level Dstatcom for Harmonic Reduction in Power System Due to Non-Linear Loads	Indonesian Journal of Electrical Engineering and Computer Science	Vol. 4, No. 2, Nov 2016, pp. 286-297	Scopus	ISSN: 2502-4752
16	M.Rama subbamma,V.M adhusudhan,K. S.R.Anjaneyulu	Design and Simulation of PFC Converter for Brushless SRM Drive	International Journal of Power Electronics and Drive System	Vol. 7, No. 3, Sep. 2016, pp. 625-637	Scopus	ISSN: 2088-8694
17	T.Rakesh,V.Madhusudhan,M.sushama	MLI power topologies and voltage eminence: An exploratory review	Indonesian Journal of Electrical Engineering and Informatics	Vol. 5, No. 1, Mar. 2017, pp. 1-15	Scopus	ISSN: 2089-3272
18	T.Rakesh,DR. V .Madhusudhan, DR.M.sushama	FRC Based IPC Stratagem for MLI-DSTATCOM compensating unbalances in Power Distribution Network	International Journal of Advance Research in Science and Engineering	Vol. 5, No. 8, Aug. 2016, pp. 473-484	Google Scholar	ISSN: 2319-8354

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19	T.Rakesh,DR. V .Madhusudhan, DR.M.sushama	Pretend Design of a 9-Level & 27-Level MLI-DSTATCOM for Reactive Power Compensation in PS	International Journal of Engineering Sciences & Research Technology (IJESRT)	Vol. 5, No. 8, Aug. 2016, pp. 128-14	Google Scholar	ISSN: 2277-9655
20	M.Rama subbamma, V.M adhusudhan, DR .P.Sujutha, Bharath	Speed Control of Switched Reluctance Motor with Internal Current Controller	IEEE Proceedings	2017, pp. 1-7	Scopus	ISBN: 978-1-5090-4324-8/17
21	T.Rakesh,DR. V .Madhusudhan, DR.M.sushama	Design of modulation index persistent MLI-DSTATCOM for voltage quality enhancement in electrical Distribution system	IEEE Proceedings	14-16 Oct. 2016, pp. 118-123	Scopus	ISBN: 978-1-5090-3247-0/16
22	S.Subramanyas arma,DR. V.Ma dhusudhan,DR. V.Ganesh	Evaluation and Enhancement of Reliability of Electrical Distribution System in the presence of Dispersed Generation	IEEE Proceedings	03-04 Oct. 2016, pp. 357-362	Scopus	ISBN: 978-1-5090-4620-1/16
23	DR.J.Viswanat ha Rao,B.Nagaraju	Fuzzy Logic Based Speed Control of Induction Machine for Wind Generation	International Journal of Advanced Scientific Technologies, Engineering and	Vol. 3, no. 1, May 2017, pp. 54-59	Google Scholar	ISSN: 2454-356X

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24	DR.J.Viswanatha Rao,E.Praveena,DR.R.Srinivasa Rao	Placement and Sizing of DG for Distribution System by using a Novel Algorithm	IEEE Proceedings	2017, pp. 369-375	Scopus	ISBN: 978-1-5090-5297-4/17
25	DR.J.Viswanatha Rao,Lili Kumar Uttarala,Kranthi Kumar.Vanukuru,Srinivasa Rao Davu	Sepic Converter fed BLDC Drive with Closed Loop Speed Control	IEEE Proceedings	03-04 Oct. 2016, pp. 1435-1441	Scopus	ISBN: 978-1-5090-4620-1/16
26	Kranthi Kumar Vanukuru,DR.J. Viswanatha Rao,Srinivasa Rao Davu,Anupama Ramiseti	Fuzzy Control Based APF with DG Integration for Power Quality Improvement in Distribution System	IEEE Proceedings	03-04 Oct. 2016, pp. 1410-1417	Scopus	ISBN: 978-1-5090-4620-1/16
27	Lili Kumar Uttarala,DR.J.Viswanatha Rao,Kranthi Kumar.Vanukuru,Battula Asha Kiran	RES Fed High Gain DC-DC Converter with Closed Loop Control for Induction Motor Drive	IEEE Proceedings	03-04 Oct. 2016, pp. 1404-1409	Scopus	ISBN: 978-1-5090-4620-1/16
28	Kalyan SagarKadali, L.Rajaji, V.Moorthy, J.Viswanatharao	Economic generation schedule on thermal power system considering emission using grey wolves optimization	Energy Procedia	02-04 Mar. 2017, pp. 509-518	Scopus	ISSN: 1876-6102

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30	V.Ramesh Babu,D.S.G. Krishna,B.Sandeep Reddy	Cascade Operation of DC-DC Boost Converters in Solar PV system with individual MPPT Controllers	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE)	Vol. 4, No. 10, Oct. 2016, pp. 53-57	Google Scholar	ISSN: 2321-2004
31	S.Rashmi,Dr. Venug Yarlaga	Voltage Sag Mitigation Using Static VAR Compensator	International Journal of Engineering Research	Vol. 5, No. 9, Sep. 2016, pp. 768-771	Google Scholar	ISSN: 2319-6890
32	N.Krishna Kumari,D.S.G Krishna,M.Prasanth Kumar	Transformer Less High Voltage Gain Step-Up DC-DC Converter using Cascade Technique	Energy Procedia	Vol. 117, 2017, pp. 45-53	Scopus	ISSN: 1876-6102
33	N.krishna Kumari,G.Tulasiram Das,Soni M.P	Simulation and Experimental Evaluation on PMSM with FPGA	Journal of Electrical Engineering	Vol. 16, No. 3, 2016, pp. 100-109	Scopus	ISSN: 1582-4594

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35	G.Swapna,N.Krishna Kumari,D.Ravikumar	Sensor less Control of PMSM with FOC using MRAS	ICGST-Automatic Control System Engineering Journal	Vol. 16, No. 2, Dec. 2016, pp. 21-28	Google Scholar	ISSN: 1687-4811
36	A.Mansa,D.Ravi Kumar,N.Krishna Kumari	Power loss and Reliability Optimization in Distribution System with Network Reconfiguration and Capacitor Placement	International Journal of Scientific Research Engineering & Technology (IJSRET)	Vol. 6, No. 6, June 2017, pp. 692-699	Google Scholar	ISSN: 2278-0882
37	T.Shravani,N.Krishna Kumari	Direct Torque Control of Permanent Magnet Synchronous Motor with Three Level Space Vector Modulation	ICGST-Automatic Control System Engineering Journal	Vol. 17, No. 1, June 2017, pp. 1-5	Google Scholar	ISSN: 1687-4811
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40	G.Sasi Kumar,DR.S.Sarat Kumar,Dr.S.V.Jayaram Kumar	LSF based Network Reconfiguration for loss reduction in Radial Distribution System	Proceedings of 2nd International Conference on Aerospace Electronics, Electrical, Communications and Instrumentation (ASECI - 2016)	pp. 1-6	Google Scholar	ISBN: 978-81-923295-2-9
41	Ruksar Fatima,Dr.J.Bhavani	Fuzzy Logic Controller for a Speed Control of Induction Motor using SPWM Technique	International Journal of Scientific Engineering and Technology Research	Vol. 5, No. 42, Nov. 2016, pp. 8715-8718	Google Scholar	ISSN: 2319-8885
42	Sharath Kumar,Dr.T.Nireekshana	Congestion Alleviation using Reactive Power Compensation in Radial Distribution Systems	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	Vol. 11, No. 6, Nov. 2016, pp. 39-45	Google Scholar	ISSN: 2278-1676
43	T. Nireekshana	Deregulated Power System with Special Emphasis on ATC-	Lambert Publications	02 May 2017, pp. 1-224	Google Scholar	ISBN: 978-3-330-06111-8

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		Generation Reschedule and FACTS Devices (Text Book)				
44	Dr.T.Nireekshana,P.Karthik chowdary	Enrichment of Available Transfer Capability Using TCSC	IEEE Proceedings	Dec. 11-12, 2016, pp. 217-221	Scopus	ISBN: 978-1-4673-6890-2/15
45	Dr.K.Veeresham, Dr.K.Vaisakh, Dr.M.Veerakumari	Cuckoo Search Algorithm for Optimal Transmission Expansion Planning with Various Load Models and FFC	Energy Procedia	Vol. 117, 2017, pp. 826-834	Scopus	ISSN: 1876-6102
46	C.Madhu Sudhan Reddy, Dr.K.Veeresham	Improvement of Power Quality using D-Statcom fed by Renewable Energy Sources for PMSM Drive	1st International Conference on Green Power Technology in Power Grid: Issues, Challenges & Control	2016, pp. 207-211	Google Scholar	-
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48	G.Swapna,N.Krishna Kumari,D.Ravikumar	Sensor less Control of PMSM with FOC using	IGST Journal of Automatic Control and System	Vol. 16, No. 2, Dec. 2016, pp.	Google Scholar	ISSN: 1687-4811

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		MRAS	Engineering Journal	21-28		
49	D. Ravi Kumar, K. C. Archana, G. S. Raju	Optimal Operation of an Integrated Power Distribution System Fed with Renewable Energy Sources, Diesel Generation and Battery Storage (Book Chapter)	Emerging Trends in Electrical, Communications and Information Technologies	pp. 425-432	Scopus	ISBN: 978-981-10-1540-3
50	M.Vijaykanth Sagar,G.Radhika	PV-Active Power Filter for Non Linear load and Compensation of Utility Current	International Journal of Engineering Science and Computing (IJESC)	Vol. 6, No. 12, Dec. 2016, pp. 3830-3835	Google Scholar	-
51	M.Ramya,G.Radhika, Poonam Upadhyay	Computation of Sequence Impedances for 220kv Underground Cable with Different Short Circuit Capacities	International Journal for Modern Trends in Science and Technology (IJMTST)	Vol. 3, No. 2, March 2017, pp. 37-40	Google Scholar	ISSN: 2455-3778
52	M.Swathi, P.Ramesh	Modeling and Analysis of Model Reference Adaptive Control by Using MIT and Modified MIT Rule for Speed Control of DC	7th IEEE International Advance Computing Conference (IACC)	5-7 Jan. 2017, pp. 482-486	Scopus	ISBN: 978-1-5090-1560-3

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		Motor				
53	E.Shiva Prasad,B.V.Sanker Ram	Speed Control of Switched Reluctance Motor with Torque Ripple Reduction using Fractional Order PID Controller And Cuckoo Search Algorithm	i-Manager's Journal on Electrical Engineering	Vol. 10, No. 2, Oct. 2016, pp. 9-20	Google Scholar	ISSN: 2230-7176
54	E.Shiva Prasad,B.V.Sanker Ram	Ant-Lion Optimizer algorithm based FOPID controller for Speed control and Torque ripple minimization of SRM Drive System	IEEE proceedings	03-04 Oct. 2016, pp. 1550-1557	Scopus	ISBN: 978-1-5090-4620-1/16
55	M.Ranjit,S.Gowtami,B.Ganesh Babu	Reduction of Zero Sequence Voltage using Multi level Inverter fed Open-End Winding Induction Motor Drive	Acta Electrica et Informatica	Vol. 16, No. 4, 2016, pp. 52-60	Google Scholar	ISSN: 1338-3957
56	M.Ranjit, Dr.T.Brahmananda Reddy, Dr.M.Suryakala	Performance Improvements in Open End Winding	Energy Procedia	Vol. 117, 2017, pp. 810-817	Scopus	ISSN: 1876-6102

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	vathi	Induction Motor Drive Using Decoupled PWM Techniques				
57	M.Ranjit, S.Gowtami, B.Ganesh Babu	Reduction of Zero Sequence Voltage using Multi level Inverter fed Open-End Winding Induction Motor Drive	Acta Electrica et Informatica	Vol. 16, No. 4, 2016, pp. 52-60	Google Scholar	ISSN: 1338-3957
58	M.Ranjit,T.Brahmananda Reddy,M.Surya kalavathi	Performance of Vector Controlled Dual Inverter Fed Open-End Winding Induction Motor Drive Using SVPWM Techniques	i-manager's Journal on Circuits and Systems	Vol. 5, No. 3, June 2017, pp. 10-16	Google Scholar	ISSN: 2322-035X
59	Dr.C.V.K.Bhanu,M.Naga Jyothi,	Review on very fast transient over voltages in gas insulated substations and suppression of vftos	National Conference on High Voltage Engineering & Technology (NCHVET-2017)	27-28 Jan. 2017, pp. 37-42	Google Scholar	-
60	S.B.Yasaswini, G.C.Prabhakar	Fuzzy Based Multiport Resonant Converter for Photovoltaic system	International Journal of Control Theory and Applications (IJCTA)	Vol. 9, No. 29, 2016, pp. 329-337	Scopus	ISSN: 0974-5572

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61	N.Krishna Kumari,D.S.G Krishna,M.Prasanth Kumar	Transformer Less High Voltage Gain Step-Up DC-DC Converter Using Cascode Technique	Energy Procedia	Vol. 117, 2017, pp. 45-53	Scopus	ISSN: 1876-6102
62	V.Ramesh Babu,D.S.G. Krishna,B.Sandeep Reddy	Cascade Operation of DC-DC Boost Converters in Solar PV system with Individual MPPT Controllers	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE)	Vol. 4, No. 10, Oct. 2016, pp. 53-57	Google Scholar	ISSN: 2321-2004
63	D.S.G.Krishna, M.Ravali	An Intelligent MPPT Controller for a PV Source Using Cascaded Artificial Neural Network Controlled DC Link	Proceedings of IEEE International conference on Signal Processing, Communication, Power and Embedded System (SCOPE)-2016	03-04 Oct. 2016, pp. 983-988	Scopus	ISBN: 978-1-5090-4620-1/16
64	D.S.G.Krishna, Monika Patra	Modeling of Multi-Phase DC-DC Converter with A Compensator for Better Voltage Regulation in DC Micro-grid Application	Proceedings of IEEE International conference on Signal Processing, Communication, Power and Embedded System (SCOPE)-2016	03-04 Oct. 2016, pp. 989-994	Scopus	ISBN: 978-1-5090-4620-1/16

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65	S.Poornima,Dr. K.Ravindra	Comparison of CWT & DWT based algorithms in combination with ANN for protection of power transformer	IEEE Proceedings	03-04 Oct. 2016, pp. 1781-1785	Scopus	ISBN: 978-1-5090-4620-1/16
66	Y.Srikanth Reddy,O.Sobhana	Safety Based High Step Up DC-DC Converter for PV Module Application	International Journal for Modern Trends in Science and Technology (IJMTST)	Vol. 3, No. 2, March 2017, pp. 85-90	Google Scholar	ISSN: 2455-3778
67	C.Priyanka,O.Sobhana	V/F Control of Induction Motor Using Space Vector Modulation With Dc Braking Chopper	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Vol. 5, No. 12, Dec. 2016, pp. 8942-8949	Google Scholar	ISSN: 2278-8875
68	O.Sobhana,E.Ramu	Core Loss Measurement of a 3-Phase Transformer using Maxwell-3D	National conference on emerging trends & challenges in transformer design, testing & maintenance	2017, pp. 188-190	Google Scholar	-
69	S.Anuradha, N.Amarnadh Reedy	Comparative Analysis of Speed Control of Induction Motor by DTC over Scalar Control	International Journal of Advanced Research in Electrical, Electronics and	Vol. 5, No. 11, Nov. 2016, pp. 8328-8337	Google Scholar	ISSN: 2278-8875

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70	T.Hari Priya,Alivelu M.Parimi	Design of Adaptive Perturb and Observe-Fuzzy MPPT Controller for High Voltage Gain Multilevel Boost Converter	IEEE Proceedings	Nov. 2016, pp. 1-6	Scopus	ISBN: 978-1-4673-8962-4/16
71	H.J.Jayatheertha,G.Lakshminarayana	Smart Method for minimising Transmission Line Losses	International Journal of Control Theory and Applications (IJCTA)	Vol. 9, no. 32, Nov 2016, pp. 175-181	Google Scholar	ISSN: 0974-5572
72	Lakshminarayana,G, Jayatheertha.H. J	ENERGY AUDIT: A CASE STUDY OF UNIVERSITY	International Journal of Recent Scientific Research	Vol. 7, No. 9, Sep. 2016, pp. 13320-13322	Google Scholar	ISSN: 0976-3031
73	Gadupudi Lakshminarayana,Gudapati Sambasiva Rao	A Case Study of Energy Conservation	International Journal of Control Theory and Applications (IJCTA)	Vol. 10, No. 5, 2017, pp. 283-288	Google Scholar	ISSN: 0974-5572
74	Anupoju Harish,Ambati Giri Prasad	A Novel Wind Based PFC in BL-Luo Converter fed BLDC Motor Drive Applications	International Journal of Scientific Engineering and Technology Research	Vol. 6, No. 2, Jan. 2017, pp. 0359-0364	Google Scholar	ISSN: 2319-8885

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75	A.Giriprasad, M.Surya Kalavathi, Poonam Upadhyay	Comparision Of Metallic Partcle Movement in Single Phase Gas Insulated Busduct with and without Coating	International Journal of Electrical, Electronics and Computer Systems (IJEECS)	Vol. 4, No. 9, 2016, pp. 13-20	Google Scholar	ISSN: 2347-2820
76	A.Giriprasad,M .Surya Kalavathi,Poonam Upadhyay	Comparison of Metallic particle contamination in single phase gas insulated busduct with and without coating	2nd international conference on emerging trends in electrical systems & engineering	2016, pp. 56-66	Google Scholar	ISBN: 978-93-83038-43-5
77	Y.Srikanth Reddy,O.Sobhana	Safety Based High Step Up DC-DC Converter for PV Module Application	International Journal for Modern Trends in Science and Technology (IJMTST)	Vol. 3, No. 2, March 2017, pp. 85-90	Google Scholar	ISSN: 2455-3778
78	S.Ramila, Yiza Srikanth Reddy	Isolated Zeta Converter for BLDC Motor Control with Hysterises Current Controller for Torque Ripple Minimization	International Journal of Engineering Science and Computing	Vol. 6, No. 11, Nov. 2016, pp. 3279-3284	Google Scholar	-

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2	A.Bhaktavachala,S.Tara Kalyani,K.Anuradha,Gudimitla Haribabu	Grid Interconnection of Renewable Energy Sources at the Distribution Level with Power-Quality Improvement Features	International Journal of Creative Research Thoughts (IJCRT)	Vol. 5, No. 4, Oct. 2017, pp. 260-267	Google Scholar	ISSN: 2320-2882
3	R. T. Yadlapalli and A. Kotapati	Dynamic Performance Enhancement of Full Bridge Converter as CPU VR	Fourth IEEE International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB)	Feb. 2018, pp. 156-160	Scopus	ISBN: 978-1-5386-4606-9
4	A.Bhaktavachala,S.Tara Kalyani,K.Anuradha,Nukala	Fuzzy Logic Controller based Unity Power Factor	IOSR Journal of Electrical and Electronics	Vol. 12, No. 6, Nov. 2017, pp.	Google Scholar	ISSN: 2278-1676

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	Vengaiah	Correction of Boost Converter	Engineering (IOSR-JEEE)	52-58		
5	A.Bhaktavachala,S.Tara Kalyani,B.V.Naveen teja	A Novel Shunt Active Power Filter Topology for Driving huge Power Drive Applications	International Journal of Creative Research Thoughts (IJCRT)	Vol. 6, No. 1, Feb. 2018, pp. 645-653	Google Scholar	ISSN: 2320-2882
6	M.Srikanth,Dr. Poonam Upadhyay,S.Tara Kalyani	Single phase Grid Connected Bi-Directional Inverter fed Photovoltaic System for Constant DC Load	Journal of Advanced Research in Dynamical and Control Systems	Vol. 10, Spl. No.9, May 2018, pp. 1004-1012	Scopus	ISSN: 1943-023X
7	M.Srikanth,Dr. Poonam Upadhyay,S.Tara Kalyani	Control Of Dc Distribution System With Single Phase Utility Interface	Journal of Advanced Research in Dynamical and Control Systems	Vol. 10, Spl. No.9, May 2018, pp. 1013-1021	Scopus	ISSN: 1943-023X
8	M.Ramya,G.Radhika,Poonam Upadhyay	Collation Studies of Sequence Impedances for Underground Cables with Different Layouts	International Journal of Engineering Trends and Technology (IJETT)	Vol. 49, No. 4, July 2017, pp. 250-255	Google Scholar	ISSN: 2231-5381
9	N.Krishna Kumari,Dr.Poonam Upadhyay,Renu K	Qualitative Analysis of Diode Clamped Multi Level Inverter fed Induction Motor with Phase Shifted	IEEE Proceedings	21-22 Sept. 2017, pp. 817-822	Scopus	ISBN: 978-1-5386-0814-2/17

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		SPWM				
10	N.Raveendra,V. Madhusudhan, A.Jaya Lakshmi	COMPARISON OF PI AND FUZZY BASED IPT CONTROL TECHNIQUE FOR PQ IMPROVEMENT IN A DISTRIBUTED SYSTEM	International Journal of Pure and Applied Mathematics (IJPAM)	Vol. 118, No. 14, 2018, pp. 585-589	Scopus	ISSN: 1314-3395
11	Venkatasateesh Babu.K,V.Madhusudhan,Dr.V. Ganesh	Reliability prediction of composite power systems using Bayesian regularization based ANN model	International Journal of Engineering Science Invention (IJESI)	Vol. 7, No. 4, April 2018, pp. 55-60	Google Scholar	ISSN: 2319-6734
12	Subramanyansharma.S,V.Madhusudhan,Dr.V. Ganesh	Reliability constrained planning of distribution system under high penetration of stochastic DG units	International Journal of Engineering Sciences & Research Technology (IJESRT)	Vol. 7, No. 3, March 2018, pp. 538-548	Google Scholar	ISSN: 2277-9655
13	Subramanyansharma.S,V.Madhusudhan,Dr.V. Ganesh	Reliability Investigation of Electric Distribution System with Nano grid architectures using Hybrid Disbursed Generation	IEEE Proceedings	2017, pp. 825-834	Scopus	ISBN: 978-1-5386-1887-5/17

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14	N.Raveendra, V. Madhusudhan, A.Jaya Lakshmi	PI and Fuzzy controlled D-Statcom on Power Quality Theory	IEEE Proceedings	2017, pp. 357-362	Scopus	ISBN: 978-1-5386-1887-5/17
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16	Manikandansubramaniyan, Sasidharansubramaniyan, Viswanatharao Jawalakar, Moorthy Verraswamy	Adaptive Weighted Improved Discrete Particle Swarm Optimization for Optimal Distribution Network Reconfiguration	International Journal for computation and mathematics in electrical and electronic engineering	Vol. 14, No. 7, July 2017, pp. 1-20	SCI	ISSN: 0332-1649
17	Manikandansubramaniyan, Sasidharansubramaniyan, Vishwanatharao Jawalakar, Murthy Verraswamy	Investigation of the Impact of Load Balancing Index on Distribution System Using Adaptive Weighted	International Journal of Electrical Engineering	Vol. 25, No. 2, Jan. 2018, pp. 69-79	Scopus	ISSN: 0974-2158

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		Improved Discrete Particle Swarm Optimization				
18	kalyan Sagar Kadali,Rajajai Loganathan,Moorthy Verraswamy,Vishwanatharao Jawalaka	Environmentally Sustainable Economic Dispatch using Grey Wolves Optimization	ARNP Journal of Engineering and Applied Sciences	Vol. 13, No. 6, March 2018, pp. 2068-2079	Scopus	ISSN: 1819-6608
19	Manikandansubramaniyan,Sasidharansubramaniyan, Moorthy Verraswamy, Vishwanatharao Jawalakar	Adaptive weighted improved discrete particle swarm optimization for minimizing load balancing index in radial distribution network	International Journal of Intelligent Engineering and systems	Vol. 10, No. 6, Aug. 2017, pp. 125-133	Scopus	ISSN: 2185-3118
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21	Deepa Natraj,Rajajai Loganathan,Moorthy Verraswamy,Vishwanatharao Jawalaka	Optimizing Radial Distribution System for Minimizing Loss Reduction and Voltage Deviation Indices Using Modified Grey Wolf's Algorithm	International Journal of Intelligent Engineering and systems	Vol, 11, No. 6, 24 June 2018, pp. 177-189	Scopus	ISSN: 2185-3118
22	T.Nireekashana, Dr. V. Ramesh Babu	DESIGN AND FABRICATION OF LINEAR INDUCTION MOTOR FOR TRACTION APPLICATION	International Journal of Electrical and Electronics Engineering (IJEET)	Vol. 6, No. 6, Oct. 2017, pp. 1-18	Google Scholar	ISSN: 2278-9952
23	Priya Dharsini.B,M.Ranjith,V.Ramesh Babu	Performance of Dual Inverter Fed Open End Winding Induction Motor Drive Using Carrier Shift PWM Techniques	AIP Conference Proceedings	22-23 Dec. 2017, pp. 1-9	WoS	ISBN: 978-0-7354-1647-5
24	Krishna kumari,Poonam upadhyay,Renu k	Qualitative Analysis of Diode Clamped Multi Level Inverter fed Induction Motor with Phase Shifted SPWM	IEEE Proceedings	2017, pp. 817-822	Scopus	ISBN: 978-1-5386-0814-2/17
25	K.Renu,Krishna kumari,D.Ravikumar	Flux Weakening Operation of	IEEE Proceedings	15-17 Dec. 2017, pp.	Scopus	ISBN: 978-1-5386-4318-1

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		PMSM with Hysteresis PWM Current Controller				
26	K.Renu,Krishna kumari,R.Geshma Kumari	MRAS based Rotor Position Estimation for PMSM with MTPA Operation	Proceedings of IEEPS-18	09-10 March 2018, pp. 76-81	Google Scholar	ISBN: 978-93-8759-301-5
27	N. Krishna Kumari, D. Ravi Kumar	Torque Ripple Minimization of a FOC-Fed PMSM with MRAS Using Popov's Hyper-Stability Criterion (Book Chapter)	Intelligent and Efficient Electrical Systems	2018, pp.129-142	Scopus	ISBN: 978-981-10-4852-4_12
28	G.Sasi Kumar,S.Sarat Kumar,S.V.Jayaram Kumar	LOSS REDUCTION, VOLTAGE IMPROVEMENT AND RELIABILITY OPTIMIZATION IN DISTRIBUTION SYSTEMS USING NETWORK RECONFIGURATION WITH LOSS SENSITIVITY FACTOR METHOD	i-manager's Journal on Electrical Engineering	Vol. 11, No. 1, July 2017, pp. 10-18	Google Scholar	ISSN: 2230-7176

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29	A.Vishwanadh, G.sasikumar, D.Ravi kumar	Optimal location and sizing of Distributed Generator in Radial Distribution System using Optimization Technique for Minimization of losses	International Journal of Scientific Research Engineering & Technology (IJSRET)	Vol. 6, No. 7, July 2017, pp. 1-6	Google Scholar	ISSN: 2278-0882
30	Harish Papu,G.Sasikumar,Shiva Teja Manala	AN FPGA based new single phase five level inverter	IEEE Proceedings	2017, pp. 1263-1267	Scopus	ISBN: 978-1-5386-1887-5/17
31	G.Sasikumar,Dr .S.Sarathkumar, Dr.S.V.Jaya Ramkumar	Reconfiguration of electrical distribution network for loss reduction and voltage enhancement	IEEE Proceedings	2017, pp. 1387-1392	Scopus	ISBN: 978-1-5386-0814-2/17
32	Renu Kadali, Srinivasa Rao Jalluri	Design and Simulation of Boost Converter for Correction of Power Factor and THD Reduction (Book Chapter)	Proceedings of ICMEET 2017	26 Jan. 2018, pp. 361-369	Scopus	ISBN: 978-981-10-7329-8_37
33	T.Nireekashana, J.Bhavani,G.Ke shav Rao	Optimal Rescheduling of Generation for Congestion Relief in Deregulated Power Systems	IEEE Proceedings	2017, pp. 1823-1829	Scopus	ISBN: 978-1-5386-0814-2/17

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34	Bhagya Sree.Ch, Dr.J.Bhavani, N. Amarnadh Reddy	Power Stability Analysis of an Active Harmonic Filter in Presence of PFC Capacitors Using PID Controller	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 5 Issue XII December 2017	Google Scholar	ISSN: 2321-9653
35	V.Himasaila,M. Naga Jyothi,T.Nireekashana	Review on Analysis of Very Fast Transient Overvoltage in Gas Insulated Substation	International Journal of Scientific Research Engineering & Technology (IJSRET)	Vol. 6, No. 7, July 2017, pp. 724-729	Google Scholar	ISSN: 2278-0882
36	T.Nireekashana, Dr. V. Ramesh Babu	DESIGN AND FABRICATION OF LINEAR INDUCTION MOTOR FOR TRACTION APPLICATION	International Journal of Electrical and Electronics Engineering (IJEEE)	Vol. 6, No. 6, Oct. 2017, pp. 1-18	Google Scholar	ISSN: 2278-9952
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38	V. HimaSaila, M. Nagajyothi, T. Nireekshana	Study of Very Fast Front Surges in Gas Insulated Substation Due to Switching Operation (Book Chapter)	Microelectronics, Electromagnetics and Telecommunications	Feb. 2018, pp. 487-494	Scopus	ISBN: 978-981-10-7329-8

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39	K.Nagarajasri, P.Ramesh, K.Veeresham	Max Min Composition Based Multilevel PID Selector with Reduced Rules and Complexity in FIS for Servo Applications	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol. 5, No. X, Oct. 2017	Google Scholar	ISSN: 2321-9653
40	T.Anvitha,D.Ravi Kumar,G.Naveen Kumar	Power Quality Improvement in Microgrid with Fuzzy Based UPQC	International Journal of Electrical Engineering & Technology (IJEET)	Vol. 9, No. 3, May 2018, pp. 29-37	SCI	ISSN: 0976-6553
41	A.Vishwanadh, G.sasikumar, D.Ravi kumar	Optimal location and sizing of Distributed Generator in Radial Distribution System using Optimization Technique for Minimization of losses	International Journal of Scientific Research Engineering & Technology (IJSRET)	Vol. 6, No. 7, July 2017, pp. 1-6	Google Scholar	ISSN: 2278-0882
42	K.Renu,Krishna kumari,D.Ravikumar	Flux Weakening Operation of PMSM with Hysteresis PWM Current Controller	IEEE Proceedings	15-17 Dec. 2017, pp.	Scopus	978-1-5386-4318-1
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		Criterion (Book Chapter)				
44	G.Radhika,Dr. M.Surya Kalavathi	Computational Study of 400 kV Transmission lines against Lightning with Line Terminating Matrix	International Journal of Engineering Trends and Technology (IJETT)	Vol. 50, No. 2, Aug. 2017, pp. 85-92	Google Scholar	ISSN: 2231-5381
45	M.Ramya,G.Radhika,Poonam Upadhayay	Collation Studies of Sequence Impedances for Underground Cables with Different Layouts	International Journal of Engineering Trends and Technology (IJETT)	Vol. 49, No. 4, July 2017, pp. 250-255	Google Scholar	ISSN: 2231-5381
46	P.Ramesh,N.Yadiah	MRAC with Variable Adaptation Gain for First Order Systems	IEEE Proceedings	05-08 Nov. 2017, pp. 585-590	Scopus	ISBN:978-1-5090-1134-6
47	K.Nagarajasri, P.Ramesh, K.Veresham	Max Min Composition Based Multilevel PID Selector with Reduced Rules and Complexity in FIS for Servo Applications	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol. 5, No. X, Oct. 2017	Google Scholar	ISSN: 2321-9653
48	P.Akshith,E.shiva Prasad,K.Sravani	PV Cell Based Closed Loop Bifilar Converter Fed Switched Reluctance	Journal of Advanced Research in Dynamical and Control Systems	Vol. 9, Spl. No. 18, Oct. 2017, pp. 2001-2010	Scopus	ISSN: 1943-023X

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		Motor for Reducing the Torque Ripple				
49	A.Durga,Dr.K. Anuradha,B.Ganesh Babu	Harmonic Minimization in Multilevel Inverter using SHEPWM Technique	International Journal of Electronics, Electrical and Computational System	Vol. 6, No. 9, Sep. 2017, pp. 281-290	Google Scholar	ISSN: 2348-117X
50	M.Ranjit,T.Brahmananda Reddy,M.Surya Kalavathi	Space Vector Based Decoupled PWM Techniques for Open End Winding Induction Motor Drive	International Journal of Electrical Engineering & Technology (IJEET)	Vol. 8, No. 6, Nov. 2017, pp. 16-28	SCI	ISSN: 0976-6553
51	M.Ranjit,T.Brahmananda Reddy,M.Surya Kalavathi	Performance Analysis of Symmetrical and Asymmetrical Configuration of Open-End Winding Induction Motor Drive Using Decoupled SVPWM Techniques	Acta Electrotechnica et Informatica	Vol. 17, No. 4, 2017, pp. 63-69	Google Scholar	ISSN: 1338-3957

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52	M.Ranjit,T.Brahmananda Reddy,M.Surya Kalavathi	PERFORMANCE OF FIELD ORIENTED CONTROLLED OPEN-END WINDING INDUCTION MOTOR DRIVE USING NEAREST SUB-HEXAGONAL CENTER PWM TECHNIQUES	Acta Electrotechnica et Informatica	Vol. 18, No. 2, 2018, pp. 19-26	Google Scholar	ISSN: 1338-3957
53	M.Ranjit,T.Brahmananda Reddy,M.Surya Kalavathi	Decoupled center spaced PWM techniques for open end winding induction motor drive	IEEE Proceedings	07-09 Feb. 2018	Scopus	ISBN: 978-1-5386-3695-4
54	M.Ranjit,T.Brahmananda Reddy,M.Surya Kalavathi	Performance Analysis of Open End Winding Induction Motor Drive using Center Spaced PWM and Bus Clamping PWM Techniques	IEEE Proceedings	17-19 Aug. 2017, pp. 220-225	Scopus	ISBN: 978-1-5090-6348-2
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		Shift PWM Techniques				
56	V.Himasaila,M. Naga Jyothi,T.Nireekashana	Review on Analysis of Very Fast Transient Overvoltage in Gas Insulated Substation	International Journal of Scientific Research Engineering & Technology (IJSRET)	Vol. 6, No. 7, July 2017, pp. 724-729	Google Scholar	ISSN: 2278-0882
57	V. HimaSaila, M. Nagajyothi, T. Nireekshana	Study of Very Fast Front Surges in Gas Insulated Substation Due to Switching Operation (Book Chapter)	Microelectronics, Electromagnetics and Telecommunications	Feb. 2018, pp. 487-494	Scopus	ISBN: 978-981-10-7329-8
58	K.Srinivas,G.C. Prabhakar,B.Devulal	Transformer less MOSFET Inverter for Single Phase Drive and Grid-Tied Photovoltaic System	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol. 6, No. 1, Jan. 2018, pp. 956-966	Google Scholar	ISSN: 2321-9653
59	N.Ajay Kumar,R.Geshma Kumari,I.Neelima	A Simplified Spam Algorithm For Three Level Diode Clamped Inverter	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Vol. 5, No. 10, Oct. 2017, pp. 1755-1761	Google Scholar	ISSN: 2321-9653
60	K.Renu,N.Krishna Kumari,R.Geshma Kumari	MRAS based Rotor Position Estimation for PMSM with MTPA Operation	Proceedings of IEEPS-18	09-10 March 2018, pp. 76-81	Google Scholar	ISBN: 978-93-8759-301-5

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61	O.Sobhana,Dr. V.Ganesh,Dr.M .Surya Kalavathi	Finiet element approach to measure magnetic losses in a 3-phase transformer	International Journal of Applied Engineering Research	Vol. 12, No. 1, 2017, pp. 407-409	Scopus	ISSN: 0973-4562
62	R.Lakshman Rao,R.Sireesha, O.Sobhana	Power Quality Improvement in Grid Connected Fuzzy Based System Using a Modified Converter of Distributed Generation	International Journal of Scientific Research Engineering & Technology (IJSRET)	Vol. 6, No. 10, Oct. 2017, pp. 1052-1056	Google Scholar	ISSN: 2278 – 0882
63	Bhagya Sree.Ch, Dr.J.Bhavani, N. Amarnadh Reddy	Power Stability Analysis of an Active Harmonic Filter in Presence of PFC Capacitors Using PID Controller	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 5 Issue XII December 2017	Google Scholar	ISSN: 2321-9653
64	T.Hari Priya,Alivelu M.parimi	Performance Analyses of PMSG based WECS using Hybrid Controller in DC Grid Connected Applications	International Journal of Pure Applied Mathematics	Vol. 118, No. 17, 2018, pp. 903-913	Scopus	ISSN: 1311-8080
65	S.Himabind,T. Hari Priya,Ch.Manjera	Performance analyses of Z-source and quasi Z-source inverter for photovoltaic Applications	AIP Conference Proceedings	22-23 Dec. 2017, pp. 1-6	Scopus	ISBN: 978-0-7354-1647-5

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66	Mr.M.Sunil Kumar,Ms.T.Hari Priya	Multi-input Transformer Coupled Bi-directional DC-DC Converter for Renewable Energy Applications	Proceedings of IEEPS-18	09-10 March 2018, pp. 249-254	Google Scholar	ISBN: 978-93-8759-301-5
67	N.Ajay Kumar,R.Geshma Kumari,I.Neelima	A Simplified Spam Algorithm For Three Level Diode Clamped Inverter	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Vol. 5, No. 10, Oct. 2017, pp. 1755-1761	Google Scholar	ISSN: 2321-9653
68	K.Srinivas,G.C.Prabhakar,B.Devulal	Transformer less MOSFET Inverter for Single Phase Drive and Grid-Tied Photovoltaic System	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol. 6, No. 1, Jan. 2018, pp. 956-966	Google Scholar	ISSN: 2321-9653
69	P.Akshith,E.shiva Prasad,K.Sravani	PV Cell Based Closed Loop Bifilar Converter Fed Switched Reluctance Motor for Reducing the Torque Ripple	Journal of Advanced Research in Dynamical and Control Systems	Vol. 9, Spl. No. 18, Oct. 2017, pp. 2001-2010	Scopus	ISSN: 1943-023X
70	A.Pranay Kumar,Y.Srikanth Reddy	Fuzzy Controlled Multilevel Inverter Based MPPT Controlled PV System for Grid-Connected	Journal of Advanced Research in Dynamical and Control Systems	Spl. No. 18, pp. 1990-2000, 2017	Scopus	ISSN: 1943-023X

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		Applications				
71	R.Lakshman Rao,R.Sireesha, O.Sobhana	Power Quality Improvement in Grid Connected Fuzzy Based System Using a Modified Converter of Distributed Generation	International Journal of Scientific Research Engineering & Technology (IJSRET)	Vol. 6, No. 10, Oct. 2017, pp. 1052-1056	Google Scholar	ISSN: 2278 – 0882
72	Harish Papu,G.Sasikumar,Shiva Teja Manala	AN FPGA based new single phase five level inverter	IEEE Proceedings	2017, pp. 1263-1267	Scopus	ISBN: 978-1-5386-1887-5/17
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1	Gudise Harikrishna,K. Anuradha	Solar PV based DC Microgrid for Rural Sustainable Development	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 68-73	Scopus	ISSN 0973-4562
2	Y. Ravindranath Tagore, K. Anuradha, Attuluri R. Vijay Babu, P. Manoj Kumar	Modelling, simulation and control of a fuel cell-powered laptop computer voltage regulator module	International Journal of Hydrogen Energy	Vol. 44, No. 21, 23 April 2019, pp. 11012-11019	SCI	ISSN: 0360-3199
3	Ambati Giriprasad,Poonam Upadhyay,M.Surya kalavathy,N.karthik	Electric Field Effect on Metallic Particle Movement for 145kV Gas Insulated Bus Duct Using Different Numerical Methods	Journal of Advanced Research in Dynamical and Control Systems	Vol-10, Special Issue-12, Aug. 2018, pp.343-351	Scopus	ISSN: 1943-023X
4	Ambati Giriprasad,Poonam Upadhyay,M.Suryakalavathy, Narapareddy Ramarao	Comparative Analysis of Metallic Particle Trajectory for 145KV Gas Insulated Busduct	International conference on research Advancements in Applied Engineering Sciences,computer and communication Technologies	13-14 July 2018	Google Scholar	-
5	B.Vamshi Ram, Poonam Upadhyay, G.Radhika	N-2 Contingency Analysis of an IEEE 14 bus system using MI Power	International Journal of Engineering and Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 211-214	Scopus	ISSN: 2227-524X

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6	M.Srikanth,Dr. Poonam Upadhyay,S.Tara Kalyani	Design and Development of Buck/Boost Converter for Maintaining the Constant DC Supply to meet the Load Requirement	International Journal of Engineering and Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 215-220	Scopus	ISSN: 2227-524X
7	A.Giri Prasad, Poonam Upadhyay, M. Surya Kalavathi, N. Karthik	Control of Movement of Metallic Particles in a GIS	International Journal of Engineering and Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 259-263	Scopus	ISSN: 2227-524X
8	Subramanya Sarma S,V.Madhusudhan,V.Ganesh	Reliability Enhanced Autonomous Hybrid Micro Grid Based Distribution System With Renewable Resources	Journal of Engineering Technology	Vol. 8, No. 1, Jan. 2019, PP.158-171	SCI	ISSN. 0747-9964
9	Venkata Satheesh Babu K,Madhusudhan V,Ganesh V	Probabilistic Performance Index based Contingency Screening for Composite Power System Reliability Evaluation	International Journal of Electrical and Computer Engineering (IJECE)	Vol. 8, No. 5, Oct. 2018, pp. 2661-2670	Scopus	ISSN: 2088-8708
10	Shaik Khadarvali, Dr. V. Madhusudhan, Dr. R.Kiranmayi	Robust Cooperative Differential Game Theory Control in Multi Area System using Antlion	International Conference on Cognitive Informatics & Soft Computing (CISC-2019)	9-10th April 2019	Google Scholar	-

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11	Subramanya Sarma S, V.Madhusudhan, V.Ganesh	Reliability worth Assessment of Active Distribution System Considering Protective Devices and Multiple Distributed Generation Units	International Journal of Applied Power Engineering	Vol. 7, No. 2, Aug. 2018, pp. 111-119	Scopus	ISSN: 2252-8792
12	Mrs.Rama Subbamma, Dr.V.Madhusudhan, Dr.P.Sujatha	Design of SRM for Air-conditioned Buck-Boost PFC Converter for Power Quality Improvement	International Journal Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 176-181	Scopus	ISSN: 2227-524X
13	Venkatasatheesh Babu Kathi, Madhusudhan Vellala, Ganesh Vulasala	Dualistic Common Mode Outage Model for Reliability Assessment of Composite Power System	International Journal Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 221-224	Scopus	ISSN: 2227-524X
14	V. Madhusudhan N. Raveendra A. Jaya Laxmi	RFLSA control scheme for power quality disturbances mitigation in DSTATCOM with n-level	International Journal of Energy Systems	Mar. 2019, pp. 1-26	Scopus	ISSN: 1868-3975

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		inverter connected power systems				
15	Subramanya Sarma S, V.Madhusudhan, V.Ganesh	Impact of Distributed Generation Centered Optimization Techniques for Reinforcement of Distribution Networks	Journal of Advanced Research in Dynamical and Control Systems	Vol. 10, 10 Special Issue, Dec. 2018	Scopus	ISSN: 1943-023X
16	Shaik Khadar Vali , V. Madhusudhan and R. Kiranmayi	Robust cooperative control in multi-area power system using differential game theory under weak grid condition	ARPN Journal of Engineering and Applied Sciences	Vol. 14, No. 7, April 2019, pp. 1400-1406	Scopus	ISSN: 1819-6608
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18	N.Kavyasri,J Viswanatha Rao	Power Electronic Interface for Distributed System	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 1-6	Scopus	ISSN 0973-4562
19	B.Madhuri,M.Ranjit,V.Ramesh Babu,J.Srinivasa Rao	Comparative analysis of scalar based SVPWM techniques for open end winding induction motor drive	International Journal of Engineering and Technology	Vo. 7, No. 3, 2018, pp. 329-335	Scopus	ISSN: 2227-524X
20	V.Ramesh Babu,J.Srinivasa Rao,M.Ranjit,S. Vijayarama Rao	Performance comparison between ZSI and SL-ZSI based axial flux permanent magnet synchronous generator wind energy conversion system for different wind speeds with different PWM methods	International Journal of Engineering and Technology	Vol. 7, No. 3, 2018, pp. 597-603	Scopus	ISSN: 2227-524X
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22	Dr. Y.Venu, Santhosh kanthala	Optimal placement and Sizing of Compensator for Voltage Stability improvement Using Voltage Collapse Proximity Indicator	Third International Conference on Electronics Communication and Aerospace Technology [ICECA 2019]	12-14 June-2019, pp. 690-695	WoS	ISBN: 978-1-7281-0167-5
23	K.Renu,N.Krishna Kumari,R.Geshma Kumari	MTPA based Sensorless Field Oriented Control of PMSM using MRAS	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 157-163	Scopus	ISSN 0973-4562
24	K.Renu,N.Krishna Kumari,D.S.G. Krishna	Sensorless Control of Permanent Magnet Synchronous Motor with Flux Weakening Operation for Washing Machine Application	IEEE Proceedings	18-21 Dec. 2018	Scopus	ISBN: 978-1-5386-9316-2
25	K.Renu,N.Krishna Kumari,D.Ravi Kumar	Comparison between position-encoder and position-sensorless vector control of High Speed PMSM with Flux Weakening Operation	IEEE Proceedings	14-16 Dec. 2018	Scopus	ISBN: 978-1-5386-6159-8

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27	Bukya Pooja,D.Ravi Kumar,G.Sasi Kumar	DG Placement in Distribution Systems for Loss and Reliability Optimization with Network Reconfiguration	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 106-111	Scopus	ISSN 0973-4562
28	R.Deekshit Kumar,G.Sasi Kumar,Dr.D.Ravi Kumar	Modeling and simulation of dynamic voltage restorer (DVR) to improve power quality	International Journal of Management, Technology and Engineering	Vol. 8, No. 10, Oct. 2018, pp. 918-923	Google Scholar	ISSN: 2249-7455
29	R.Sanjeevi Naik,D.Ravi Kumar,G.Sasi Kumar,M.Bhagya Lakshmi	Network Reconfiguration with Optimal Placement of Capacitors and DG in Distribution System for reduction of Active Power Loss	International Journal of Research	Volume 7, Issue 10, Oct. 2018, pp. 1249-1256	Google Scholar	ISSN: 2236-6124
30	G.Sasi Kumar, Dr.S.Sarat Kumar, Dr.S.V.Jayaram Kumar	DG Placement Using Loss Sensitivity Factor Method for Loss Reduction and	International Journal of Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 236-240	Scopus	ISSN: 2227-524X

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		Reliability Improvement in Distribution System				
31	Akhila Chilakala,B.Nelakanteshwar Rao	Short Circuit Analysis of IEEE 14-Bus System using ETAP	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 97-101	Scopus	ISSN 0973-4562
32	B.Madhuri,M.Ranjit,V.Ramesh Babu,J.Srinivasa Rao	Comparative analysis of scalar based SVPWM techniques for open end winding induction motor drive	International Journal of Engineering and Technology	Vol. 7, No. 3, 2018, pp. 329-335	Scopus	ISSN: 2227-524X
33	V.Ramesh Babu,J.Srinivasa Rao,M.Ranjit,S.Vijayarama Rao	Performance comparison between ZSI and SL-ZSI based axial flux permanent magnet synchronous generator wind energy conversion system for different wind speeds with different PWM methods	International Journal of Engineering and Technology	Vol. 7, No. 3, 2018, pp. 597-603	Scopus	ISSN: 2227-524X
34	Rishyendrakiran Y, Srinivasa rao Jalri	Performance Analysis of Multilevel Inverter for Different Pulse	International Journal of Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 207-210	Scopus	ISSN: 2227-524X

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		width Modulation Techniques				
35	T. Nireekshana, J. Bhavani, G. Kesava Rao, K. Jeji	Enhancement of ATC with load models using FACTS devices (Book Chapter)	Communication and Computing Systems	December 1-2, 2018	Scopus	eBook ISBN: 9780429444272
36	T. Murali Mohan, T. Nireekshana	A Genetic Algorithm for solving Optimal Power Flow Problem	IEEE International Conference on Electronics, Communication and Aerospace Technology (ICECA-2019)	12-14 June, 2019	WoS	-
37	M. Varun Kumar Reddy, T. Nireekshana	Enhancement of Available Transfer Capability using FACTS Devices	IEEE Third International Conference on Intelligent Computing and Control Systems(ICICCS 2019)	May 15-17, 2019	WoS	-
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44	B.Vamshi Ram, Poonam Upadhyay, G.Radhika	N-2 Contingency Analysis of an IEEE 14 bus system using MI Power	International Journal of Engineering and Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 211-214	Scopus	ISSN: 2227-524X
45	Vallala Krishna,E.Shiva Prasad	Control Strategy of Switched Reluctance Motor	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 136-140	Scopus	ISSN 0973-4562
46	E.Shiva Prasad, M.Sadanand	Detecting and Isolating Voltage and Frequency Variations in Electrical System	Journal of Applied Science and Computations	Vol. 6, No. 3, March 2019, pp. 2809-2812	Google Scholar	ISSN: 1076-5131
47	G.Sarala Kumari,B.Ganesh Babu,Rashmi Kapoor,M.Ranjit	Implementation of level shifted PWM and bee algorithm for cascaded multilevel inverters	International Journal of Engineering and Technology	Vol. 7, No. 3, Aug. 2018	Scopus	ISSN: 2227-524X
48	B.Madhuri,M.Ranjit,B.Ganesh Babu	Space Vector Based Centric and Non-Centric PWM Techniques for VSI Fed Asynchronous Motor Drive	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, PP. 123-129	Scopus	ISSN 0973-4562

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49	G.Sarala Kumari,B.Ganesh Babu,M.Ranjit	Mitigation of Harmonics in Multilevel Inverter using Bee Algorithm	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 141-145	Scopus	ISSN 0973-4562
50	B.Ganesh Babu	Low Switching Frequency Algorithms for Cascaded Multilevel Inverters-a Review	National Conference on Eco Friendly Innovations & Design Challenges in CVR College of Engineering, Hyderabad	09 Nov. 2018	Google Scholar	-
51	M.Sravan Kumar,B.Ganesh Babu	MODELLING AND SIMULATION OF HYBRID PHOTOVOLT AIC AND WIND ENERGY SYSTEMS USING FUZZY LOGIC CONTROLLE R	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 5, No. 10, Oct. 2018, pp. 45-52	Google Scholar	ISSN-2349-5162
52	M.Ranjit,T.Bramahananda Reddy,M.Surya Kalavathi	Performance of Decoupled and Nearest Sub Hexagonal Center Random PWM Techniques for Open-End Winding Induction Motor Drive	Journal of Advanced Research in Dynamical and Control Systems	Vol. 10, Spl. No. 12, 2018, pp. 396-406	Scopus	ISSN: 1943-023X

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53	B.Madhuri,M.Ranjit,V.Ramesh Babu,J.Srinivasa Rao	Comparative analysis of scalar based SVPWM techniques for open end winding induction motor drive	International Journal of Engineering and Technology	Vol. 7, No. 3, 2018, pp. 329-335	Scopus	ISSN: 2227-524X
54	V.Ramesh Babu,J.Srinivasa Rao,M.Ranjit,S.Vijayarama Rao	Performance comparison between ZSI and SL-ZSI based axial flux permanent magnet synchronous generator wind energy conversion system for different wind speeds with different PWM methods	International Journal of Engineering and Technology	Vol. 7, No. 3, 2018, pp. 597-603	Scopus	ISSN: 2227-524X
55	M.Ranjit,T.Brahmananda Reddy,M.Surya Kalavathi	Decoupled Centric and Non-Centric PWM Techniques for Open-End Winding Induction Motor Drive	Serbian Journal of Electrical Engineering	Vol. 15, No. 3, Oct. 2018, pp.285-300	Scopus	ISSN: 1451-4869
56	G.Sarala Kumari,B.Ganesh Babu,Rashmi Kapoor,M.Ranjit	Implementation of level shifted PWM and bee algorithm for cascaded multilevel inverters	International Journal of Engineering and Technology	Vol. 7, No. 3, Aug. 2018	Scopus	ISSN: 2227-524X

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58	G.Sarala Kumari,B.Ganesh Babu,M.Ranjit	Mitigation of Harmonics in Multilevel Inverter using Bee Algorithm	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 141-145	Scopus	ISSN 0973-4562
59	N.Vikram,G.C. Prabhakar	Stand Alone Application of a Photovoltaic System with an Improved Inverter Topology	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 146-150	Scopus	ISSN 0973-4562
60	K.Renu,N.Krishna Kumari,D.S.G. Krishna	Sensorless Control of Permanent Magnet Synchronous Motor with Flux Weakening Operation for Washing Machine Application	IEEE Proceedings	18-21 Dec. 2018	Scopus	ISBN: 978-1-5386-9316-2
61	B.Madhuri, D.S.G.Krishna	Discrete Time model of Coupled Inductor based Bidirectional DC-DC Converter	Fifth International Conference on Electrical Energy Systems (ICEES 2019)	21- 22 February 2019	Scopus	ISBN: 978-1-5386-9249-3

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62	S.Poornima, K.Ravindra	Comparative Analysis of Wavelet Based Algorithms for Protection of Power Transformer	International Journal of Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 202-206	Scopus	ISSN: 2227-524X
63	P.Sravani,R.Geshma Kumari	Simulation Analysis of Resonant Converters	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 130-135	Scopus	ISSN 0973-4562
64	K.Renu,N.Krishna Kumari,R.Geshma Kumari	MTPA based Sensorless Field Oriented Control of PMSM using MRAS	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 157-163	Scopus	ISSN 0973-4562
65	R.Geshma Kumari, Pendyala Sravani	Analysis of Uni-directional and Bi-directional LLC Resonant Converter for Battery Charger Application in Electric Vehicle	International Conference on Applied Physics, Power and Material Science (ICAPPM)	05-06 Dec. 2018, p. 1-9	WoS	ISSN: 1742-6588
66	E.Ramu,O.Sobhana	Integration of PV system to Single Phase Distribution System by Using MPPT	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 55-60	Scopus	ISSN 0973-4562
67	Hari Priya T Alivelu M. Parimi	Hybrid controller topology for large solar PV installations in high-voltage DC grid-connected	Electrical Engineering Springer Journal	Vol. 100, No. 4, Dec. 2018, pp. 2537-2552	SCI	ISSN: 1432-0487

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		applications				
68	M. Sunil Kumar, Hari Priya T	Multi-input Transformer Coupled(tied) Bidirectional DC-DC Converter For Renewable Energy Applications	International Journal of Engineering & Technology	Vol. 7, No. 3.29, Jul. 2018, pp. 329-335	Scopus	ISSN: 2227-524X
69	T. Hari Priya, Aivelu M. Parimi	Energy Management System for PV—Wind and Battery-Fed DC Microgrid Using Fuzzy-Based Proportional Integral Controller (Book Chapter)	Applications of Computing, Automation and Wireless Systems in Electrical Engineering	pp. 1201-1211, 01 June 2019	Scopus	ISBN: 978-981-13-6771-7
70	Devulal.B, Venkata veeranjaneyulu. I	Design and Modelling of DC-DC Converter with Golden Section Search Based MPPT for the Photovoltaic Applications	International Journal of Management, Technology And Engineering	Vol. 9, Issue 6, Jun. 2019, pp. 4071-4077	Google Scholar	ISSN : 2249-7455
71	B. Sharadvithi, P. Naresh	Interfacing of Novel Analog Voltage Feedback Circuit with	5th International Conference for Convergence	29-31 Mar. 2019, pp. 1-5	Scopus	ISBN: 978-1-5386-8075-9

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		Resonant Converter based DC-DC Converter	in Technology			
72	G.Sarala Kumari,B.Ganesh Babu,Rashmi Kapoor,M.Ranjit	Implementation of level shifted PWM and bee algorithm for cascaded multilevel inverters	International Journal of Engineering and Technology	Vol. 7, No. 3, Aug. 2018	Scopus	ISSN: 2227-524X
73	J.Sandhya Rani ,Rashmi Kapoor	A Novel Modified P-Q Theory to Control UPQC under Power Quality Issues in Distribution System	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 85-90	Scopus	ISSN 0973-4562
74	Ambati Giriprasad,Poonam Upadhyay,M.Surya kalavathy,N.karthik	Electric Field Effect on Metallic Particle Movement for 145kV Gas Insulated Bus Duct Using Different Numerical Methods	Journal of Advanced Research in Dynamical and Control Systems	Vol-10, Special Issue-12, Aug. 2018, pp.343-351	Scopus	ISSN: 1943-023X
75	Ambati Giriprasad, Poonam Upadhyay, M.Surya kalavathy, N.Rama Rao	Comparative Analysis of Metallic Particle Trajectory for 145KV Gas Insulated Busduct	International conference on research Advancements in Applied Engineering Sciences, computer and communicatio	13-14 July 2018	Google Scholar	-

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			n Technologies			
76	A.Giri Prasad, Poonam Upadhyay, M. Surya Kalavathi, N. Karthik	Control of Movement of Metallic Particles in a GIS	International Journal Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 259-263	Scopus	ISSN: 2227-524X
77	Venkata Seshu Kumari B., Giri Prasaad A., Susmitha M., Vikram Raju R., Bhatnagar R.	Exploring Different Approaches for Parsing Telugu (Book Chapter)	Advances in Intelligent Systems and Computing	Vol 921, March 2019, pp. 546-555	Scopus	ISBN: 978-3-030-14117-2
78	Y.Raghunandan , Shivateja Manala	Modeling of DC-DC Converter for Solar based Electric Vehicle	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 61-67	Scopus	ISSN 0973-4562

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1	Yadlapalli, R.T., Kotapati, A, Rajani. K	Performance Analysis of Quadratic Buck Converter for Electric Vehicle Battery Charging Applications	International Journal of Electric and Hybrid Vehicles.	Vol. 11, No. 4, 27 Sep. 2019, pp. 346-357	SCI	ISSN: 1751-4096
2	Yadlapalli RT, Narasipuram RP, Kotapati A.	An overview of energy efficient solid state LED driver topologies	International Journal of Energy Research	Vol. 44, No. 2, Feb. 2020, pp. 612-630	SCI	ISSN: 0363907X
3	Bhakthavachal a.A, Dr. Tara kalyani. Dr.Anuradha.K	Performance enhancement of the induction motor hybrid drives through common mode voltage compensator	International Journal of Advanced Science and Technology	Vol. 29, No. 4, 02 Feb. 2020, pp.751-763	Scopus	ISSN: 2005-4238
4	A. Bhakthavachal a, S. Tara kalyani, K.Anuradha, G. Seetha Ravamma	An improved methodology for enhancing the power factor of bridgeless buck PFC converter	Journal of Engineering Sciences	Vol 10, Issue 11, Nov. 2019, pp. 291-295	Google Scholar	ISSN: 0377-9254
5	A. Bhakthavachal a, S. Tara kalyani, K.Anuradha, M. Naga Mounika	A Novel topology for fast charging of electric vehicle battery	The International journal of analytical and experimental modal analysis	Volume XI, Issue XI, Nov. 2019, pp. 429-436	Google Scholar	ISSN: 0886-9367
6	Ravindranath Tagore Yadlapalli, Anuradha Kotapati	Modelling, design and implementation of quadratic buck converter	International Journal of Power Electronics	Vol. 11, No. 3, 19 March 2020, pp. 322-338	Scopus	ISSN: 1756-6398

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		for low power applications				
7	Ravindranath Tagore Yadlapalli, Anuradha Kotapati	Modeling and Control of Laptop Computer Voltage Regulator Module with Multiple Power Sources	Journal Européen des Systèmes Automatisé	Vol. 53, No. 3, June 2020, pp. 421-427	Google Scholar	ISSN: 1269-6935
8	Ravindranath Tagore Yadlapalli, Anuradha Kotapati	Implementation of fuzzy logic controller-based quadratic buck converter for LED lamp driver applications	International Journal of Innovative Computing and Applications	Vol.11 No.2/3, 30 Apr. 2020, pp.159 - 166	Scopus	ISSN: 1751-6498
9	Giri Prasad. A, Poonam Upadhyay, M Suryakalavathy , Meghana. P	Assessment of SF6 and N2 Gas Mixtures as a Dielectric Medium in a Gas Insulated Busduct	International Journal of Innovative Technology and Exploring Engineering	Vol. 8, No. 9S2, July 2019, pp. 347-350	Scopus	ISSN: 2278-3075
10	Giri Prasad. A, Poonam Upadhyay, M Suryakalavathy , Meghana. P	Effect of Metallic Particle Movement at Different Positions of Particle on Spacer in a 1-Ø GIB	International Journal of Recent Technology and Engineering	Vol. 8, No. 2S11, Sep. 2019, pp. 2436-2438	Scopus	ISSN: 2277-3878

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11	Sadanandam Perumandla, Poonam Upadhyay, A. Jayalaxmi, Jaya Prakash Nasam	Modulated Frequency Triangular Carrier Based Space Vector PWM Technique for Spreading Induction Motor Acoustic Noise Spectrum (Book Chapter)	Advances in Decision Sciences, Image Processing, Security and Computer Vision	Vol. 4, Dec. 2019, pp. 470-480	Scopus	ISBN: 978-3-030-24317-3
12	Akanksha Verma, Dr. G. Radhika, Dr. Poonam Upadhyay	Speed Control of BLDC Motor using adaptive flux method	International Conference on Intelligent Computing and Smart Communication Technologies	26-07-2019 & 27-07-2019	Google Scholar	ISBN: 978-93-5382-460-0
13	Poonam Upadhyay, B. Vamshi Ram	N-2 Contingency Screening and Ranking of an IEEE Test System (Book Chapter)	Lecture Notes on Data Engineering and Communications Technologies	November 2019, Vol. 35, pp. 109-116	Scopus	ISBN: 978-3-030-32149-9
14	M. Rama Subbamma, V. Madhusudhan, P. Sujatha	Design and Analysis of 4 KW SRM Drive for Air-Conditioned PWM Rectifier and Buck-Boost PFC Converter	International Journal of Engineering and Advanced Technology (IJEAT)	Vol. 9, No. 1, Oct. 2019, pp. 1344-1352	Google Scholar	ISSN: 2249-8958
15	S. Khadarvali, V. Madhusudhan, R. Kiranmayi	Differential game theory with FPA optimization in multi-area power system	International Journal of Power Electronics and Drive System	Vol. 11, No. 1, March 2020, pp. 302-0308	Google Scholar	ISSN: 2088-869

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			(IJPEDS)			
16	S. Khadarvali, Dr. V. Madhusudhan, Dr. R. Kiranmayi	Differential Game Theory with ALO Control in Multi-Area Power System	International Journal of Advanced Science and Technology	Vol. 29, No.4, Mar. 2020, pp. 608-614	Scopus	ISSN: 2005-4238
17	E. Praveena, J. Viswanatha Rao, R. Srinivasa Rao	Dynamic Modelling and Analysis of Dc Micro Grid is Connected to Submarine Power System to Improvement of Stability using Droop Control	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol. 9, No. 1, Nov. 2019, pp. 4621-4627	Scopus	ISSN: 2278-3075
18	J. Viswanatha Rao, G. Lakshminarayana	Estimation and Moderation of Harmonics in Distribution Systems (Book Chapter)	Intelligent Manufacturing and Energy Sustainability (Springer)	Mar. 2020, pp. 353-360	Scopus	ISBN: 978-981-15-1615-3
19	M. Ranjit, J. Srinivasa Rao, V. Ramesh Babu	Performance Analysis of Multicarrier PWM Techniques for Dual Inverter Fed Open End Winding Induction Motor Drive	International Conference on Power and Embedded Drive Control (ICPEDC - 2019)	21st to 23rd August, 2019	Scopus	ISBN: 978-1-7281-2414-8

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20	V. Ramesh Babu, A. Ganapathi	Low Voltage Ride Through (LVRT) Capability Enhancement of Axial Flux Induction Generator-Based Wind Energy Conversion System (Book Chapter)	Innovations in Electrical & Electronics Engineering, Springer	Vol. 626, 24 Mar. 2020, pp. 405-416	Scopus	ISBN: 978-981-15-2255-0
21	Dr.Y.Venu, Ramavath Gnanendar	Optimal Placement of Compensation for Load Stability Improvement using FVSI	International Research Journal of Engineering and Technology (IRJET)	Vol. 6, No. 10, Oct. 2019, pp. 1133-1135	Google Scholar	ISSN: 2395-0072
22	Dr.Y.Venu, Ramavath Gnanendar	PV Method based Compensator Capacity Optimization for Static Stability Improvement Using FVSI	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 8, No. 4, Nov. 2019, pp. 556-561	Scopus	ISSN: 2277-3878
23	B.Neelakanteshwar Rao, Perka Krishna, Venu Yarlagadda	Mitigation of Photovoltaic Solar System Harmonics using Shunt Active Power Filter	International Conference on Computing Methodologies and Communications (ICCMC 2020)	11-13 Mar. 2020	Scopus	978-1-7281-4889-2

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24	VenuYarlagadda, Ramavath Gnanendar	Dynamic Stability Improvement Using Genetic Algorithm Tuned Controllers Embedded in Generator Control Loops	International Conference on Computing Methodologies and Communication (ICCMC 2020)	11-13 Mar. 2020	Scopus	978-1-7281-4889-2
25	T. Nireekshana, J. Bhavani, Yarlagadda Venu, B Phanisai Krishna	Power Transmission Congestion Management by TCSC Using PSO	International Conference on Computing Methodologies and Communication (ICCMC 2020)	11-13 Mar. 2020	Scopus	978-1-7281-4889-2
26	N. Krishna Kumari, D. Ravi Kumar, E. Shiva Prasad	Enhancement of Voltage Transfer Ratio with Matrix Converter Based on Modulation Duty Cycle Matrix Approach Using Optimum AV Method (Book Chapter)	Advances in Smart Grid Technology, Lecture Notes in Electrical Engineering, Springer	Vol. 687, Dec. 2019, pp. 247-262	Scopus	ISBN: 978-981-15-7244-9
27	N. Krishna Kumari, D. Ravi Kumar, K. Renu	Performance Comparison Between Sensor and Sensorless Control of Permanent Magnet Synchronous Motor with Wide Speed	Springer Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City	13-03-2020, pp. 131-144	Scopus	ISBN: 978-3-030-24051-6

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		Range of Operations (Book Chapter)	Applications. AISGSC			
28	G. Sai Meghana, N. Krishna Kumari	Fault Tolerant Topology for Multiphase Permanent Magnet Synchronous Motor Drive	International Journal of Scientific Research in Engineering and Management	Vol. 4, No. 6, Jun. 2020	Google Scholar	ISSN: 2582-3930
29	G Sasi Kumar, S Sarat Kumar and S V Jayaram Kumar	MLI TECHNIQUE FOR PLACEMENT AND SIZING OF DG FOR MINIMUM LINE LOSSES	International Journal of Electrical Engineering & Technology (IJEET)	Volume 11, Issue 4, June 2020, pp. 266–274	Scopus	ISSN : 0976-6545
30	Neelakanteshwar Rao Battu, Abhijit R. Abhyankar, Nilanjan Senroy	Reliability Compliant Distribution System Planning Using Monte Carlo Simulation	Electric Power Components and Systems	Vol. 47, Sep. 2019, No. 11-12, pp. 985-997	SCI	ISSN: 1532-5008
31	B.Neelakanteshwar Rao, Perka Krishna, Venu Yarlaga	Mitigation of Photovoltaic Solar System Harmonics using Shunt Active Power Filter	International Conference on Computing Methodologies and Communications (ICCCM 2020)	11-13 Mar. 2020	Scopus	978-1-7281-4889-2

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32	M. Ranjit, J. Srinivasa Rao, V. Ramesh Babu	Performance Analysis of Multicarrier PWM Techniques for Dual Inverter Fed Open End Winding Induction Motor Drive	International Conference on Power and Embedded Drive Control (ICPEDC - 2019)	21st to 23rd August, 2019	Scopus	ISBN: 978-1-7281-2414-8
33	Girish M, J. Bhavani, T.Nireekshana	Dynamic Performance Enhancement of DFIG Based Wind Power System with PI Controller	Think India Journal	Vol. 22, No. 35, Dec. 2019, pp. 97-105	Google Scholar	ISSN: 0971-1260
34	J. Bhavani, U.Devika, T.Nireekshana	Performance Analysis of Direct Torque Controlled Induction Motor using Artificial Neural Networks	Test Engineering & Management	Jan.2020, pp. 8652-8656	Google Scholar	ISSN: 0193-4120
35	Priyanka Kandregula, J Bhavani, T. Nireekshana	A Novel Buck Boost Converter Fedded from Solar to Standalone System	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-9 Issue-3S2, January 2020	Scopus	ISSN: 2278-3075
36	T. Nireekshana, J. Bhavani, Yarlaga Venu, B Phansaikrishna	Power Transmission Congestion Management by TCSC Using PSO	International Conference on Computing Methodologies and Communication (ICCMC 2020)	11-13 Mar. 2020	Scopus	978-1-7281-4889-2

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37	Girish M, J. Bhavani, T.Nireekshana	Dynamic Performance Enhancement of DFIG Based Wind Power System with PI Controller	Think India Journal	Vol. 22, No. 35, Dec. 2019, pp. 97-105	Google Scholar	ISSN: 0971-1260
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41	T. Nireekshana B Phani sai krishna	Covid-19 Effect on Power Sector	SSRG International Journal of Electrical and Electronics Engineering,	Volume 7 Issue 5; Page nos. 36-39, May 2020.	Google Scholar	ISSN: 2348 – 8379

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42	Krishna Kumari N, Ravi Kumar D, Shiva Prasad E	Enhancement of Voltage Transfer Ratio with Matrix Converter Based on Modulation Duty Cycle Matrix Approach Using Optimum AV Method (Book Chapter)	Advances in Smart Grid Technology, Lecture Notes in Electrical Engineering, Springer	Vol. 687, Dec. 2019, pp. 247-262	Scopus	ISBN: 978-981-15-7244-9
43	N. Krishna Kumari, D. Ravi Kumar, K. Renu	Performance Comparison Between Sensor and Sensorless Control of Permanent Magnet Synchronous Motor with Wide Speed Range of Operations (Book Chapter)	Springer Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City Applications. AISGSC	13-03-2020, pp. 131-144	Scopus	ISBN: 978-3-030-24051-6
44	Akanksha Verma, Dr. G. Radhika, Dr. Poonam Upadhyay	Speed Control of BLDC Motor using adaptive flux method	International Conference on Intelligent Computing and Smart Communication Technologies	26-07-2019 & 27-07-2019	Google Scholar	ISBN: 978-93-5382-460-0
45	Dr.G.Radhika, Dr.M.Suryakalavathi, D.Nagendra Prasanna	Transmission Line Fault Analysis and Classification Using PSCAD/EMTD C (Book	Emerging Trends in Mechanical, Computing and Electrical Science	Nov. 2019, pp. 279-295	Google Scholar	ISBN: 978-81-941281-8-2

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		Chapter)				
46	P. Ramesh, N. Yadaiah	Data Based Reward Formulation of BELBIC for DC Motor Position Control	TENCON 2019	17-20 Oct. 2019	Scopus	ISBN: 978-1-7281-1895-6
47	Krishna Kumari N, Ravi Kumar D, Shiva Prasad E	Enhancement of Voltage Transfer Ratio with Matrix Converter Based on Modulation Duty Cycle Matrix Approach Using Optimum AV Method (Book Chapter)	Advances in Smart Grid Technology, Lecture Notes in Electrical Engineering, Springer	Vol. 687, Dec. 2019, pp. 247-262	Scopus	ISBN: 978-981-15-7244- 9
48	E. Shiva Prasad, M. Aravind Goud, R. Ravi Teja	THE SOLAR POWERED UNINTERRUPTED POWER SUPPLY SYSTEM	International Journal of Electrical and Electronics Engineering (IJEEE)	Vol. 8, No. 5, Aug. 2019, pp. 1-10	Google Scholar	ISSN: 2278-9944
49	T. Sai Rakshitha, E. Shiva Prasad, K. Sravani	Performance Analysis of DC-DC Converters for Solar Water Pumping System Employing Switched Reluctance Motor Drive	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol. 9, No. 3S2, Jan. 2020, pp. 24-28	Google Scholar	ISSN: 2278-3075

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50	M. Ranjit, J. Srinivasa Rao, V. Ramesh Babu	Performance Analysis of Multicarrier PWM Techniques for Dual Inverter Fed Open End Winding Induction Motor Drive	International Conference on Power and Embedded Drive Control (ICPEDC - 2019)	21st to 23rd August, 2019	Scopus	ISBN: 978-1-7281-2414-8
51	M. Naga Jyothi, C. V. K. Bhanu, CH. Ramya	Calculation of VFTO and VFTC in the 550 kV GIS with Mitigation Techniques (Book Chapter)	Innovations in Electrical and Electronics Engineering (Springer)	24th March 2020	Scopus	ISBN: 978-981-15-2256-7
52	B. Anjan, M. Vijay Rao, K. Sravani, R. Geshma Kumari	Harmonic Mitigation and PowerQuality Improvement using PV based Series Active Power Filter for Grid Systems	4th International Conference on Innovations in Electrical & Electronics Engineering (ICIEEE-2019)	26-27 July 2019	Scopus	-
53	Viswanth K Krishna, Santanu Kumar Dash, Kumari R Geshma	Development and Analysis of Power Quality by using Fuel cell based Shunt Active Power Filter	2nd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	5-7 March 2020, pp. 448-452	Scopus	ISBN: 978-1-7281-4167-1
54	O. Sobhana, V. Ganesh, M. Surya kalavathi	Simulative Experiment of Major and Minor Inter-Turn Short Circuit Faults in Power	International Journal of Innovative Technology and Exploring Engineering	Vol. 8, No. 9, July 2019, pp. 2685-2688	Scopus	ISSN: 2278-3075

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		Transformer Windings				
55	T. Hari Priya	BLDC Motor Based Solar Water Pumping System with Grid Interface	Recent Developments in Control Automation & Power Engineering (RDCAPE-2019)	10-11 Oct. 2019	Scopus	ISBN: 978-1-7281-2068-3
56	T. Hari Priya	Comparison Between Different MPPT Controllers for Solar PV Fed DC Grid Connected Applications	Recent Developments in Control Automation & Power Engineering (RDCAPE-2019)	10-11 Oct. 2019	Scopus	ISBN: 978-1-7281-2068-3
57	B. Anjan, M. Vijay Rao, K. Sravani, R. Geshma Kumari	Harmonic Mitigation and Power Quality Improvement using PV based Series Active Power Filter for Grid Systems	4th International Conference on Innovations in Electrical & Electronics Engineering (ICIEEE-2019)	26-27 July 2019	Scopus	-
58	T. Sai Rakshitha, E. Shiva Prasad, K. Sravani	Performance Analysis of DC-DC Converters for Solar Water Pumping System Employing Switched Reluctance Motor Drive	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol. 9, No. 3S2, Jan. 2020, pp. 24-28	Google Scholar	ISSN: 2278-3075

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59	P. Geethanjali, P. Naresh	Effect of Higher Order Resonant Converter Topology on DC charging Application and Hardware Implementation	International Conference on Power Electronics & IoT Applications in Renewable Energy and its Control (PARC)	28-29 Feb. 2020	Scopus	978-1-7281-6575-2
60	B. Anjan, M. Vijay Rao, K. Sravani, R. Geshma Kumari	Harmonic Mitigation and Power Quality Improvement using PV based Series Active Power Filter for Grid Systems	4th International Conference on Innovations in Electrical & Electronics Engineering (ICIEEE-2019)	26-27 July 2019	Scopus	-
61	J. Viswanatha Rao, G. Lakshminarayana	Estimation and Moderation of Harmonics in Distribution Systems (Book Chapter)	Intelligent Manufacturing and Energy Sustainability (Springer)	Mar. 2020, pp. 353-360	Scopus	ISBN: 978-981-15-1615-3
62	Dr. Rashmi Kapoor, Dr.M.Aruna Bharathi, Dr. M. Sushama	Deep convolutional Neural Network in Smart Assistant for Blinds	TENCON 2019	17-20 Oct. 2019, pp. 1-5	Scopus	ISBN: 978-1-7281-1895-6
63	Rashmi Kapoor, M. Sushama	Detection and Recognition of Text From Natural Camera Image using Deep Convolutional Network	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 8, No. 2S8, Aug. 2019, pp. 1043-1047	Scopus	ISSN: 2277-3878

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64	Giri Prasad. A, Poonam Upadhyay, M Suryakalavathy, Meghana. P	Assessment of SF6 and N2 Gas Mixtures as a Dielectric Medium in a Gas Insulated Busduct	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol. 8, No. 9S2, July 2019, pp. 347-350	Scopus	ISSN: 2278-3075
65	Giri Prasad. A, Poonam Upadhyay, M Suryakalavathy, Meghana. P	Effect of Metallic Particle Movement at Different Positions of Particle on Spacer in a 1-Ø GIB	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 8, No. 2S11, Sep. 2019, pp. 2436-2438	Scopus	ISSN: 2277-3878
66	B.V.seshu Kumari, Giri Prasad, Somula Ramasubbarthy, K.Govinda	Optimized Task Scheduling for Cloud Computing Using PSO and GA	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 8, No. 2S4, July 2019, pp. 608-611	Scopus	ISSN: 2277-3878

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S. No	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal / Title of the Conference/ Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/refered Journals)	ISBN/ISSN of the Journal/ Proceedings
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1	Kalyan Kumar Koppolu, K. Anuradha, M. Surya Kalavathi	Analysis of effective discontinuous decoupled PWMS for a four-level open end winding induction motor drive through stator flux ripple	International Journal of Electric and Hybrid Vehicles	Vol. 12, No. 4, 28 Jan. 2021, pp. 349-379	SCI	ISSN: 1751-4088
2	Ravindranath Tagore Yadlapalli, Anuradha Kotapati, Rajani Kandipati	Advancements in power conditioning units for electric vehicle applications: a review	International Journal of Electric and Hybrid Vehicles	Vol. 13, No. 1, 15 May 2021, pp. 81-115	SCI	ISSN: 1751-4088
3	Ravindranath Tagore Yadlapalli; Anuradha Kotapati	Analysis, design and implementation of a fixed frequency PWM-based sliding-mode controller for quadratic buck converter	International Journal of Power Electronics	Vol. 13, No. 1, 16 Nov. 2020, pp. 66-82	SCI	ISSN: 1756-6398
4	Oddhi Rakesh, K. Anuradha	Analysis of Bidirectional DC-DC converter with Wide Voltage Gain for charging of Electric Vehicle	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN: 978-1-7281-7612-3

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5	Poonam Upadhyay, S.Ravikumar	Line Stability Index-Based Voltage Stability Assessment Using CSO Incorporating Thyristor Controlled Series Capacitor	Intelligent Computing, Information and Control Systems, Springer Link (Book Chapter)	25 Jan. 2021	Scopus	ISBN: 978-981-15-8442-8
6	A. Giriprasad, B. Shruthi, Poonam Upadhyay, T. Nireekshana	Analysis on movement of conducting particle by varying the particle dimensions in gas insulated busduct using Numerical Methods	Intelligent Computing in Control and Communication, Springer Link (Book Chapter)	5 Jan 21	Scopus	ISBN: 978-981-15-8438-1
7	S. Ravikumar, Poonam Upadhyay, B. Anjan	Line Stability Index-Based Voltage Stability Assessment Placing Series Compensation of TCSC	Proceedings of International Conference on Advances in Computer Engineering and Communication Systems, Springer Link (Book Chapter)	Vol. 20, Jan. 2021, pp. 57-67	Scopus	ISBN: 978-981-15-9292-8

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8	T. Nireekshana, Poonam Upadhyay, J. Bhavani, N. Krishna Kumari	Comparative Analysis of Multi Objective Optimal Power Flow in Power Systems	Journal of Recent Trends in Electrical Power System	Volume 3 Issue 2, Aug. 2020, pp. 1-12	Google Scholar	-
9	S. Khader Valli, V. Madhusudhan, R. Kiranmai	Differential Game Theory in Multi-Area System Using Nature-Inspired Optimization Algorithms	Solid State Technology	Vol. 63, No. 2, Aug. 2020	Google Scholar	-
10	J Viswanatha Rao, G.Lakshminarayana, D.Obulesu	Reduction of Torque Ripples in PMSM using Fuzzy Controlled based Driving Converter	Turkish Journal of Computer and Mathematics Education	Vol. 12, No. 3, Jan. 2021, pp. 4652-4658	Google Scholar	ISSN 1309-4653
11	J Viswanatha Rao, G.Lakshminarayana, Shaik Sameer	Soil Health Monitoring System Using IOT	International Conference on Innovations in Clean Energy Technologies "ICET 2020"	27th& 28th of August 2020	Scopus	ISBN: 9789386954558
12	J. Viswanatha Rao, Kasala Rajesh	Review on Power Quality Issues with Rooftop PV Integrated to low Voltage Distribution System	National Conference on Advances in Power Energy & Control (NCAPEC-2020)	3rd October 2020	Google Scholar	ISBN: 978-81-942685-1-2
13	KalyanSagar Kadali, R. Loganathan, M. Veerasamy, V. Jawalker	Cost-Effective Dispatch Using Grey Wolf Optimization Algorithm:	International Conference on System, Computation, Automation	03-04 July 2020, pp. 1-5	Scopus	ISBN: 978-1-7281-6202-7

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		Solution with Diverse Load Pattern	and Networking (ICSCAN)			
14	Venu Yarlagadda, V. Ramesh Babu, K. Veeresham, Kasala Rajesh, S. N. V. Karthik Kumar	Transient Response Improvement of Separately Excited D.C Motor Using Fuzzy Logic Controller	Proceedings of International Conference on Advances in Computer Engineering and Communication Systems, Springer Link (Book Chapter)	23 Jan 21	Scopus	ISBN: 978-981-15-9292-8
15	V.Ramesh babu, Mohammad Ferozuddin	Reconfiguration of Propulsion System Topology Using Axial Flux Machines in Electric Vehicles	Turkish Journal of Computer and Mathematics Education	Vol.12 No.2, April 2021, pp 802- 809	Google Scholar	ISSN 1309-4653
16	V. Ramesh Babu, Md Ferozuddin, A.Kalpana, M Ranjit, J Srinivasa Rao	Amalgamation of Twin Rotor Axial Flux Induction Machine based Wind Generator with the Power Grid and its Control	International Conference on Smart Grids, Structures and Materials (ICSGSM-2021),KL University, Vaddeswaram , Guntur, Andhra Pradesh	19-20 th April 2021	Scopus	-

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17	Ch.Gopi V.Ramesh Babu	Control of Inverters used for Axial Flux Induction Motor based Electric Vehicles	5th International Conference on Intelligent Computing and Control Systems (ICICCS 2021) Organized by Vaigai College of Engineering, Madurai, India	6-8th May 2021	Scopus	ISBN:978-1-6654-1272-8
18	Venu Yarlagadda, V. Ramesh Babu, K. Veeresham, Kasala Rajesh, S. N. V. Karthik Kumar	Transient Response Improvement of Separately Excited D.C Motor Using Fuzzy Logic Controller	Proceedings of International Conference on Advances in Computer Engineering and Communication Systems, Springer Link (Book Chapter)	23 Jan 21	Scopus	ISBN: 978-981-15-9292-8
19	Venu Yarlagadda, G. Sasi kumar, G. Radhika, Ramavath Gnanendar, K. Rajesh	Robust Fuzzy Logic Controller for DC Motor Stability Enhancement Under Load Disturbances	Intelligent Computing in Control and Communication, Springer Link (Book Chapter)	Jan. 2021, Vol. 702, pp. 79-90	Scopus	ISBN: 978-981-15-8438-1

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20	Y. Venu, T. Hari Priya, Ramavath Gnanendar	ABC Based Optimal Tuning of PID Controller for Speed Control of D.C Motor	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Link (Book Chapter)	Vol. 700, pp. 2399-2408, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
21	Y. Venu, E.Shiva Prasad, Ramavath Gnanendar, B.Phani sai krishna , S N V Karthik kumar	FVSI BASED LOAD STABILITY ENHANCEMENT WITH SHUNT COMPENSATOR	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional (Book Chapter)	Vol. 700, pp. 1.91-1098, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
22	Y. Venu, T. Nireekshana, B. Phanisaikrishna , Ramavath Gnanendar, S.Ravikumar	Reducing TCR Harmonics Using Sequential Switching	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional (Book Chapter)	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
23	Y. Venu, T. Nireekshana, B. Phanisaikrishna	Mitigation of Ferranti Effect using Thyristor Controlled Reactor	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2

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			(Book Chapter)			
24	Y. Venu, T. Nireekshana, S.Ravikumar, Ramavath Gnanendar, B.Phanisaikrishna	Analysing the Open Loop and Closed Loop Models of Self Excited Synchronous Machine	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional (Book Chapter)	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
25	Y.Venu, Ramavath Gnanendar	Optimization of Shunt Compensation for Voltage Stability Improvement Using PSO	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional (Book Chapter)	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
26	T. Nireekshana, Poonam Upadhyay, J. Bhavani, N. Krishna Kumari	Comparative Analysis of Multi Objective Optimal Power Flow in Power Systems	Journal of Recent Trends in Electrical Power System	Volume 3 Issue 2, Aug. 2020, pp. 1-12	Google Scholar	-

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27	Naga Swetha.B Krishna Kumari.N D.Ravi Kumar	Reconfigured Topology for Fault-Tolerant Full Bridge Series Resonant Converter in Induction Furnace Applications	5th International Conference on Intelligent Computing and Control Systems (ICICCS 2021) Organized by Vaigai College of Engineering, Madurai, India	6th -8th May, 2021	Scopus	ISBN:978-1-6654-1272-8
28	G. Sai Meghana, N. Krishna Kumari, D. Ravi Kumar	Improved Dynamic Performance of Permanent Magnet Synchronous Motor using Maximum Torque Per Ampere with reduced number of switches	IOP Conf. Series: Earth and Environmental Science	23rd July 2020	Google Scholar	ISSN: 1755-1315
29	Naga Swetha. B, Krishna Kumari. N, D.S.G. Krishna, S. Poomima	Fault Tolerant Series LC Resonant Converter Topology for Constant Power Applications	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3

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30	N Krishna Kumari, D Ravi Kumar, C. Pramodh Kumar Reddy, K. Namratha, M. Sai Naga Aasrith, T. Bala Manish Reddy	High Voltage High Frequency Pulse-Generator for Cancer Cell Treatment Application	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3
31	N Krishna Kumari, T Nireekshana, G Sasi Kumar, D Ravi Kumar	Fault Tolerant Inverter Topology for a PMSM Drive with Hysteresis Current Controller using MTPA Controller	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3
32	G.Sasi Kumar, G.Radhika, D.Ravi kumar	Reduction of over current and over voltage under fault condition using an active SFCL with DG units	Advances in Clean Energy Technologies, Springer Link (Book Chapter)	pp. 707-719, 31st May 2021	Scopus	ISBN: 978-981-16-0234-4
33	Venu Yarlagadda, G. Sasi kumar, G. Radhika, Ramavath Gnanendar, K. Rajesh	Robust Fuzzy Logic Controller for DC Motor Stability Enhancement Under Load Disturbances	Intelligent Computing in Control and Communication, Springer Link (Book Chapter)	Jan. 2021, Vol. 702, pp. 79-90	Scopus	ISBN: 978-981-15-8438-1
34	N Krishna Kumari, T Nireekshana, G Sasi Kumar, D Ravi Kumar	Fault Tolerant Inverter Topology for a PMSM Drive with Hysteresis Current	7th International Conference on Electrical Energy Systems	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3

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		Controller using MTPA Controller	(ICEES)			
35	V. Ramesh Babu, Md Ferozuddin, A.Kalpana, M Ranjit, J Srinivasa Rao	Amalgamation of Twin Rotor Axial Flux Induction Machine based Wind Generator with the Power Grid and its Control	International Conference on Smart Grids, Structures and Materials (ICSGSM-2021),KL University, Vaddeswaram , Guntur, Andhra Pradesh	19-20 th April 2021	Scopus	-
36	J. Bhavani, Vemparala Sai Kumar, D. Avaneesh, V. Rohit Teja, R. Veera Babu, T. Nireekshana	Simulation of VSI FED Grid-Connected System using Decoupled Active and Reactive Power Control	Journal of Recent Trends in Electrical Power System	Volume 3 Issue 2, Aug. 2020, pp. 1-16	Google Scholar	-
37	T. Nireekshana, J. Bhavani , G. Rahul	A Review on Available Transfer Capability Calculation Methods	Journal of Research and Advancement in Electrical Engineering	Volume 3 Issue 3, Sep. 2020, pp. 1-7	Google Scholar	-
38	T. Nireekshana, Poonam Upadhyay, J. Bhavani, N. Krishna Kumari	Comparative Analysis of Multi Objective Optimal Power Flow in Power Systems	Journal of Recent Trends in Electrical Power System	Volume 3 Issue 2, Aug. 2020, pp. 1-12	Google Scholar	-

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39	J. Bhavani, T. Nireekshana, J. Pushpa Kumari, Saideep Reddy K, Sushrusha Rao, Vishali Reddy N, Chakri Nimmaraju	Design of Innovative Battery Management System using Charge Equalization Converter for Hybrid Electric Vehicle	Global Web Conference on Multidisciplinary Research and Development, Organized By Sarojini Research and Development Council, New Delhi	31 Oct. 2020	Google Scholar	ISBN: 978-81-945642-5-6
40	T. Nireekshana, J. Bhavani, K. Anusha, K. Sudha Rani, J. Mary	MITIGATION OF CONGESTION IN DEREGULATED ELECTRICITY MARKET	Global Web Conference on Multidisciplinary Research and Development, Organized By Sarojini Research and Development Council, New Delhi	31 Oct. 2020	Google Scholar	ISBN No: 978-81-945642-5-6
41	A. Giriprasad, B. Shruthi, Poonam Upadhyay, T. Nireekshana	Analysis on movement of conducting particle by varying the particle dimensions in gas insulated busduct using Numerical Methods	Intelligent Computing in Control and Communication, Springer Link (Book Chapter)	5 Jan 21	Scopus	ISBN: 978-981-15-8438-1

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43	Y. Venu, T. Nireekshana, B. Phanisaikrishna	Mitigation of Ferranti Effect using Thyristor Controlled Reactor	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional (Book Chapter)	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
44	Y. Venu, T. Nireekshana, S.Ravikumar, Ramavath Gnanendar, B.Phanisaikrishna	Analysing the Open Loop and Closed Loop Models of Self Excited Synchronous Machine	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional (Book Chapter)	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
45	J. Bhavani, Vemparala Sai Kumar, D. Avaneesh, V. Rohit Teja, R. Veera Babu, T. Nireekshana	Simulation of VSI FED Grid-Connected System using Decoupled Active and Reactive Power Control	Journal of Recent Trends in Electrical Power System	Volume 3 Issue 2, Aug. 2020, pp. 1-16	Google Scholar	-

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47	T. Nireekshana, Poonam Upadhyay, J. Bhavani, N. Krishna Kumari	Comparative Analysis of Multi Objective Optimal Power Flow in Power Systems	Journal of Recent Trends in Electrical Power System	Volume 3 Issue 2, Aug. 2020, pp. 1-12	Google Scholar	-
48	J. Bhavani, T. Nireekshana, J. Pushpa Kumari, Saideep Reddy K, Sushrusha Rao, Vishali Reddy N, Chakri Nimmaraju	Design of Innovative Battery Management System using Charge Equalization Converter for Hybrid Electric Vehicle	Global Web Conference on Multidisciplinary Research and Development, Organized By Sarojini Research and Development Council, New Delhi	31 Oct. 2020	Google Scholar	ISBN: 978-81-945642-5-6
49	G Rahul, DSG Krishna, T Nireekshana, S Poornima	IMPLEMENTATION OF THE TEST BENCH SYSTEM FOR WIDE AREA MONITORING SYSTEM	International Conference on Efficient Engineering Systems-2020	1-2, Oct. 2020	Google Scholar	ISBN: 978-81-948951-0-7
50	N Krishna Kumari, T Nireekshana, G Sasi Kumar, D Ravi Kumar	Fault Tolerant Inverter Topology for a PMSM Drive with Hysteresis Current Controller using	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3

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		MTPA Controller				
51	T. Nireekshana, M. Naga Jyothi, G. Prathyusha, G. Shiva Krishna, G.Sai Kiran, B. Prasanna Lakshmi	Design and Simulation of a Fault Distance Locator For an Underground Cable	National Conference on Emerging Technologies in Energy Systems	19 Sep. 2020	Google Scholar	-
52	T. Nireekshana, J. Bhavani, K. Anusha, K. Sudha Rani, J. Mary	MITIGATION OF CONGESTION IN DEREGULATED ELECTRICITY MARKET	Global Web Conference on Multidisciplinary Research and Development, Organized By Sarojini Research and Development Council, New Delhi	31 Oct. 2020	Google Scholar	ISBN No: 978-81-945642-5-6
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54	K. Veeresham, L. Abhinand	A Review On Power Management Optimization of An Experimental Fuel Cell(Or)Super Capacitor(Or)Battery Hybrid System	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE)	Volume 7 Issue 9, Sep. 2020, pp. 1-3	Google Scholar	-
55	M.Manoharsha, B.Ganesh Babu, K.Veeresham, Rashmi Kapoor	ANN Based Selective Harmonic Elimination for Cascaded H-Bridge Multilevel Inverter	IEEE-International Conference on Innovations in Energy Management and Renewable Resources, 2021	12th Feb. 2021	Scopus	ISBN: 978-1-7281-7612-3
56	G.Sasi Kumar, G.Radhika, D.Ravi kumar	Reduction of over current and over voltage under fault condition using an active SFCL with DG units	Advances in Clean Energy Technologies, Springer Link (Book Chapter)	pp. 707-719, 31st May 2021	Scopus	ISBN: 978-981-16-0234-4
57	P. Sushma Devi, D.Ravikumar, C.Kiran	Loss Minimization and Reliability Enhancement in Electrical Power Distribution Systems using Network Reconfiguration with Loss Sensitivity Factor	IEEE 2nd International Conference for Emerging Technology (INCET)	22-06-2021, pp. 1-6, doi: 10.1109/INCET51464.2021.9456167	Scopus	ISBN: 978-1-7281-7029-9

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58	Naga Swetha.B Krishna Kumari.N D.Ravi Kumar	Reconfigured Topology for Fault-Tolerant Full Bridge Series Resonant Converter in Induction Furnace Applications	5th International Conference on Intelligent Computing and Control Systems (ICICCS 2021) Organized by Vaigai College of Engineering, Madurai, India	6th -8th May, 2021	Scopus	ISBN:978-1-6654-1272-8
59	G. Sai Meghana, N. Krishna Kumari, D. Ravi Kumar	Improved Dynamic Performance of Permanent Magnet Synchronous Motor using Maximum Torque Per Ampere with reduced number of switches	International Conference on Sustainable Energy Solutions for a Better Tomorrow (SESBT 2020)	23rd July 2020	Google Scholar	-
60	N Krishna Kumari, D Ravi Kumar, C. Pramodh Kumar Reddy, K. Namratha, M. Sai Naga Aasrith, T. Bala Manish Reddy	High Voltage High Frequency Pulse-Generator for Cancer Cell Treatment Application	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3

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64	K.Sreeja, Ch.Divya sri, T.Haimavathi, M.Sresta, Dr.G.Radhika, G.Kumaraswamy	Position Control of Solar Panel Using Arduino	Advanced Technologies in Electrical Engineering - ATEE 2020	06th and 07th Aug. 2020	Google Scholar	-
65	G.Radhika, G.VenuGopla, K.Sashidhar	High-Power Pulse Generator with Flexible Output Pattern	IEEMA (Indian Electrical & Electronics Manufacturers' Association) Journal	Apr. 2021, Vol. 12, No. 8, pp. 70-77	Google Scholar	ISSN: 0970-2946

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66	Pinapilli Ramesh, Narri Yadaiah	Analysis of Parameters Variations in Brain Emotional Learning Controller	IEEE HYDCON	9th to 12th Sep. 2020	Scopus	ISBN:978-1-7281-4994-3
67	T. Sai Rakshitha, E. Shiva Prasad, D. S. G. Krishna, K. Sravani	Implementation of Control Strategy for PV-Powered Switched Reluctance Motor Drive for Pumping Applications	Advances in Clean Energy Technologies, Springer Link (Book Chapter)	pp. 211-219, 31st May 2021	Scopus	ISBN: 978-981-16-0234-4
68	Y. Venu, E.Shiva Prasad, Ramavath Gnanendar, B.Phani sai krishna , S N V Karthik kumar	FVSI BASED LOAD STABILITY ENHANCEMENT WITH SHUNT COMPENSATOR	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional (Book Chapter)	Vol. 700, pp 2399-2408, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
69	P.Niveditha dheeraja, E.Shiva prasad and R.Geeshma kumari	Design and Simulation of Z-Source Inverter	Grenze International Journal of Engineering and Technology	Vol. 7, No. 1, June 2021, pp. 416-420	Google Scholar	ISSN: 2395-5295
70	Vallala Krishna, E. Shiva Prasad, N. Amarnadh Reddy	Control Strategy for a Direct Torque Control of a Switched Reluctance Motor	International Journal of Engineering Research & Technology (IJERT)	Vol. 8, No. 16, pp. 104-109, Oct. 2020	Google Scholar	ISSN: 2278-0181

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71	M.Manoharsha, B.Ganesh Babu, K.Veeresham, Rashmi Kapoor	ANN Based Selective Harmonic Elimination for Cascaded H-Bridge Multilevel Inverter	IEEE-International Conference on Innovations in Energy Management and Renewable Resources, 2021	12th Feb. 2021	Scopus	ISBN: 978-1-7281-7612-3
72	B Ganesh Babu, M Surya Kalavathi	Hardware Implementation of Multilevel Inverter using NR, GA, Bee Algorithms	International Conference on Sustainable Energy and Future Electric Transportation (SEFET)	21-23 Jan. 2021	Scopus	ISBN:978-1-7281-5681-1
73	V. Ramesh Babu, Md Ferozuddin, A.Kalpana, M Ranjit, J Srinivasa Rao	Amalgamation of Twin Rotor Axial Flux Induction Machine based Wind Generator with the Power Grid and its Control	International Conference on Smart Grids, Structures and Materials (ICSGSM-2021),KL University, Vaddeswaram, Guntur, Andhra Pradesh	19-20 th April 2021	Scopus	-
74	M.NagaJyothi, N.Mounika, B.Puneeth, T.Haripriya	Fault identification in power cables by using travelling wave-based approach	Turkish Journal of Computer and Mathematics Education	Vol.12, No.2, pp. 855-865, 5th Apr. 2021	Google Scholar	ISSN 1309-4653
75	T Haripriya, B. Devulal, M. Nagajyothi	Optimal Design of Transmission System Expansion Planning in	3rd International Conference on Intelligent Sustainable	3-5 Dec. 2020	Scopus	ISBN:978-1-7281-7089-3

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		Deregulated Environment	Systems (ICISS)			
76	T. Nireekshana, M. Naga Jyothi, G. Prathyusha, G. Shiva Krishna, G.Sai Kiran, B. Prasanna Lakshmi	Design and Simulation of a Fault Distance Locator For an Underground Cable	National Conference on Emerging Technologies in Energy Systems	19th Sep. 2020	Google Scholar	-
77	T. Sai Rakshitha, E. Shiva Prasad, D. S. G. Krishna, K. Sravani	Implementation of Control Strategy for PV-Powered Switched Reluctance Motor Drive for Pumping Applications	Advances in Clean Energy Technologies, Springer Link (Book Chapter)	pp. 211-219, 31st May 2021	Scopus	ISBN: 978-981-16-0234-4
78	G Rahul, DSG Krishna, T Nireekshana, S Poornima	IMPLEMENTATION OF THE TEST BENCH SYSTEM FOR WIDE AREA MONITORING SYSTEM	International Conference on Efficient Engineering Systems-2020	1-2, October, 2020	Google Scholar	ISBN: 978-81-948951-0-7
79	Naga Swetha. B, Krishna Kumari. N, D.S.G. Krishna, S. Poomima	Fault Tolerant Series LC Resonant Converter Topology for Constant Power Applications	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3

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80	G. Nagesh, D.S.G. Krishna, S. Poornima, P. Naresh	Discrete time analysis of High gain Bidirectional DC-DC Converter with single edge PWM	Innovations in Energy Management and Renewable Resources	5-7 Feb. 2021	Scopus	ISBN:978-1-6654-1259-9
81	G Rahul, DSG Krishna, T Nireekshna, S Poornima	IMPLEMENTATION OF THE TEST BENCH SYSTEM FOR WIDE AREA MONITORING SYSTEM	International Conference on Efficient Engineering Systems-2020	1-2, October, 2020	Google Scholar	ISBN: 978-81-948951-0-7
82	Naga Swetha. B, Krishna Kumari. N, D.S.G. Krishna, S. Poomima	Fault Tolerant Series LC Resonant Converter Topology for Constant Power Applications	7th International Conference on Electrical Energy Systems (ICEES)	11-13 Feb. 2021	Scopus	ISBN:978-1-7281-7612-3
83	G. Nagesh, D.S.G. Krishna, S. Poornima, P. Naresh	Discrete time analysis of High gain Bidirectional DC-DC Converter with single edge PWM	Innovations in Energy Management and Renewable Resources	5-7 Feb. 2021	Scopus	ISBN:978-1-6654-1259-9
84	P.Niveditha dheeraja, E.Shiva prasad and R.Geeshma kumari	Design and Simulation of Z-Source Inverter	Grenze International Journal of Engineering and Technology	Vol. 7, No. 1, June 2021, pp. 416-420	Google Scholar	ISSN: 2395-5295

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85	R Geshma Kumari, Naresh Pasula and A Ezhilarasi	Design and Validation of High Gain Z-Source Fed LCL-T Resonant Charger for Constant Current Application	IEEE 2021 6th International Conference for Convergence in Technology (I2CT)	2nd – 4th April 2021	Scopus	ISBN:978-1-7281-8876-8
86	Sobhana obulareddy, Surya Kalavathi Munagala	Application of Machine learning algorithms for Power transformer Internal faults identification	7th International Conference on Advanced Computing and Communication Systems (ICACCS)	19-20 March 2021	Scopus	ISBN:978-1-6654-0521-8
87	Vallala Krishna, E. Shiva Prasad, N. Amarnadh Reddy	Control Strategy for a Direct Torque Control of a Switched Reluctance Motor	International Journal of Engineering Research & Technology (IJERT)	Vol. 8, No. 16, pp. 104-109, Oct. 2020	Google Scholar	ISSN: 2278-0181
88	Y. Venu, T. Hari Priya, Ramavath Gnanendar	ABC Based Optimal Tuning of PID Controller for Speed Control of D.C Motor	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Link (Book Chapter)	Vol. 700, pp 2399-2408, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
89	M.NagaJyothi, N.Mounika, B.Puneeth, T.Haripriya	Fault identification in power cables by using travelling wave-based	Turkish Journal of Computer and Mathematics Education	Vol.12, No.2, pp. 855-865, 5th Apr.	Google Scholar	ISSN 1309-4653

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		approach		2021		
90	T Haripriya, B. Devulal, M. Nagajyothi	Optimal Design of Transmission System Expansion Planning in Deregulated Environment	3rd International Conference on Intelligent Sustainable Systems (ICISS)	3-5 Dec. 2020	Scopus	ISBN:978-1-7281-7089-3
91	T Haripriya, Alivelu M. Parimi	A Novel Topology for Integrating Wind and Solar Farms to High Voltage DC Grid with FRT Protection	International Conference on Sustainable Energy and Future Electric Transportation (SEFET)	21-23 Jan. 2021	Scopus	ISBN:978-1-7281-5681-1
92	M. Raja Nayak, M.Saritha, Syed Abdul Mujeer, B.Devulal, T.Santhosh Kumar	A Photovoltaic Based Multilevel Inverter Fed Induction Motor Drive	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10, April 2021, 6196 - 6212	Google Scholar	ISSN 1309-4653
93	T Haripriya, B. Devulal, M. Nagajyothi	Optimal Design of Transmission System Expansion Planning in Deregulated Environment	3rd International Conference on Intelligent Sustainable Systems (ICISS)	3-5 Dec. 2020	Scopus	ISBN:978-1-7281-7089-3
94	T. Sai Rakshitha, E. Shiva Prasad, D. S. G. Krishna, K. Sravani	Implementation of Control Strategy for PV-Powered Switched Reluctance Motor Drive for	Advances in Clean Energy Technologies, Springer Link (Book Chapter)	pp. 211-219, 31st May 2021	Scopus	ISBN: 978-981-16-0234-4

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		Pumping Applications				
95	Boorugu Anjan, K. Sravani, Rajesh Nalli, K. Subba Rao	A Review on Superconducting Fault Current Limiters in Restructured Power Systems	Dogo Rangsang Research Journal	Vol. 11, No. 01, Mar. 2021, pp. 241-247	Google Scholar	ISSN: 2347-7180
96	G. Pandeswara, N. Pasula	Investigation through Analytical studies and experimental validation of ladder-type resonant converter based constant current charger (>20KW) for charging applications	Journal of Instrumentation	Vol. 16, Feb. 2021	SCI	ISSN: 1748-0221
97	R Geshma Kumari, Naresh Pasula and A Ezhilarasi	Design and Validation of High Gain Z-Source Fed LCL-T Resonant Charger for Constant Current Application	IEEE 2021 6th International Conference for Convergence in Technology (I2CT)	2nd – 4th April 2021	Scopus	ISBN:978-1-7281-8876-8
98	G. Nagesh, D.S.G. Krishna, S. Poornima, P. Naresh	Discrete time analysis of High gain Bidirectional	Innovations in Energy Management and	5-7 Feb. 2021	Scopus	ISBN:978-1-6654-1259-9

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		DC-DC Converter with single edge PWM	Renewable Resources			
99	S. Ravikumar, Poonam Upadhyay, B. Anjan	Line Stability Index-Based Voltage Stability Assessment Placing Series Compensation of TCSC	Proceedings of International Conference on Advances in Computer Engineering and Communication Systems, Springer Link (Book Chapter)	Vol. 20, Jan. 2021, pp. 57-67	Scopus	ISBN: 978-981-15-9292-8
100	B. Srikanth Goud; B. Loveswara Rao; B. Nagi Reddy; N. Rajesh; B. Anjan; Ch. Rami Reddy	Optimization Techniques in PV-Wind based Distribution Generation- A Brief Review	17th IEEE India Council International Conference (INDICON)	10-13 Dec. 2020, pp. 1-6	Scopus	ISBN: 978-1-7281-6916-3
101	Boorugu Anjan, K. Sravani, Rajesh Nalli, K. Subba Rao	A Review on Superconducting Fault Current Limiters in Restructured Power Systems	Dogo Rangsang Research Journal	Vol. 11, No. 01, Mar. 2021, pp. 241-247	Google Scholar	ISSN: 2347-7180
102	B.Suneela, G. Nagi Reddy, SK Hasane Ahammad, K saikumar, Boorugu Anjan	MOLECULAR ABSORPTION IN ATOMSPHERE USING MILLIMETER WAVE COMMUNICA	Journal of Information Technology in Industry	Vol. 9, No. 2, Apr. 2021, pp. 722-730	Google Scholar	ISSN: 2204-0595

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103	J Viswanatha Rao, G.Lakshminarayana, D.Obulesu	Reduction of Torque Ripples in PMSM using Fuzzy Controlled based Driving Converter	Turkish Journal of Computer and Mathematics Education	Vol. 12, No. 3, Jan. 2021, pp. 4652-4658	Google Scholar	ISSN 1309-4653
104	J Viswanatha Rao, G.Lakshminarayana, Shaik Sameer	Soil Health Monitoring System Using IOT	International Conference on Innovations in Clean Energy Technologies "ICET 2020"	27th& 28th of Aug. 2020	Scopus	-
105	M.Manoharsha, B.Ganesh Babu, K.Veeresham, Rashmi Kapoor	ANN Based Selective Harmonic Elimination for Cascaded H-Bridge Multilevel Inverter	IEEE-International Conference on Innovations in Energy Management and Renewable Resources, 2021	12th Feb. 2021	Scopus	ISBN: 978-1-7281-7612-3
106	Rashmi Kapoor, M. Sushma, M. Aruna Bharathi	Selective Search Segmentation based Text Detection from Natural Images	International Conference on Recent Trends in Machine Learning, IOT, Smart Cities and Applications	27-28 Mar. 2021	Scopus	-

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107	A. Giriprasad, B. Shruthi, Poonam Upadhyay, T. Nireekshana	Analysis on movement of conducting particle by varying the particle dimensions in gas insulated busduct using Numerical Methods	Intelligent Computing in Control and Communication, Springer Link (Book Chapter)	5 Jan 21	Scopus	ISBN: 978-981-15-8438-1

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1	Ravindranath Tagore Yadlapalli, Anuradha Kotapati, Rajani Kandipati, Srinivasa Rao Balusu, Chandra Sekhar Koritala	Advancements in energy efficient GaN power devices and power modules for electric vehicle applications: a review	International Journal of Energy Research	Vol. 45, No. 9, Jul. 2021, pp. 12638-12664	SCI	ISSN: 0363-907X
2	A. Bhakthavachala, S. Tara kalyani, K. Anuradha, Y.Ranga Pavithra	A Comparative Analysis between DC and BLDC Bidirectional Drive in Electrical Vehicles	The International journal of analytical and experimental modal analysis	Volume XIII, Issue IX, Sept. 2021, pp. 1065-1075	Google Scholar	ISSN: 0886-9367
3	Srinivasa Rao Jalluri, M.Ranjit, V.Rameshbabu, SomagainiSuman	Dynamic Performance Improvement of Three Phase Asynchronous Motor using Ultra Capacitor fed DC motor Backup	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 5, July, 2021, pp. 4454 - 4462	Scopus	ISSN: 1309-6591
4	Srinivasa Rao Jalluri, M.Ranjit, V.Rameshbabu, Somagaini Suman	Dynamic Performance Improvement of Three Phase Asynchronous Motor using Ultra Capacitor fed DC motor Backup	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 5, July, 2021, pp. 4454 - 4462	Scopus	ISSN: 1309-6591

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5	Srinivasa Rao Jalluri, M.Ranjit, V.Rameshbabu, SomagainiSuman	Dynamic Performance Improvement of Three Phase Asynchronous Motor using Ultra Capacitor fed DC motor Backup	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 5, July, 2021, pp. 4454 - 4462	Scopus	ISSN: 1309-6591
6	Srinivasa Rao Jalluri, V Ramesh Babu, M.Ranjit, P.Vinay Reddy	Solar Energy Based Transformer Less DC-DC Converter with Multiple Output Voltages	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 5, 4463 - 4477	Scopus	ISSN: 1309-6591
7	Srinivasa Rao Jalluri, V Ramesh Babu, M.Ranjit, P.Vinay Reddy	Solar Energy Based Transformer Less DC-DC Converter with Multiple Output Voltages	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 5, July 2021, pp. 4463 - 4477	Scopus	ISSN: 1309-6591
8	Srinivasa Rao Jalluri, V Ramesh Babu, M.Ranjit, P.Vinay Reddy	Solar Energy Based Transformer Less DC-DC Converter with Multiple Output Voltages	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 5, 4463 - 4477	Scopus	ISSN: 1309-6591
9	O. Sobhana, G.C. Prabhakar, N. Amarnadh Reddy, Rashmi Kapoor	A SmartIoT based Solar Power Monitoring System	Virtual International Conference on Smart Grid and Green Energy Systems (SGGES'2021)	30/07/21 to 31/7/21	Google Scholar	-

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10	O. Sobhana, G.C. Prabhakar, N. Amarnadh Reddy, Rashmi Kapoor	A SmartIoT based Solar Power Monitoring System	Virtual International Conference on Smart Grid and Green Energy Systems (SGGES'2021)	30/07/21 to 31/7/21	Google Scholar	-
11	O. Sobhana, G.C. Prabhakar, N. Amarnadh Reddy, Rashmi Kapoor	A SmartIoT based Solar Power Monitoring System	Virtual International Conference on Smart Grid and Green Energy Systems (SGGES'2021)	30/07/21 to 31/7/21	Google Scholar	-
12	O. Sobhana, G.C. Prabhakar, N. Amarnadh Reddy, Rashmi Kapoor	A SmartIoT based Solar Power Monitoring System	Virtual International Conference on Smart Grid and Green Energy Systems (SGGES'2021)	30/07/21 to 31/7/21	Google Scholar	-
13	Venu Yarlagadda, Giri Prasad Ambati, E.Shiva prasad, Kuntla Veeresham, G.Radhika	Synchronous and Voltage Stability Improvement using SVC and TCSC and its Coordination Control	Design Engineering	No. 6, Aug. 2021, pp. 3624-3635	Scopus	ISSN: 0011-9342

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14	Venu Yarlagadda, Giri Prasad Ambati, E.Shiva prasad, Kuntla Veeresham, G.Radhika	Synchronous and Voltage Stability Improvement using SVC and TCSC and its Coordination Control	Design Engineering	No. 6, Aug. 2021, pp. 3624-3635	Scopus	ISSN: 0011-9342
15	Venu Yarlagadda, Giri Prasad Ambati, E.Shiva prasad, Kuntla Veeresham, G.Radhika	Synchronous and Voltage Stability Improvement using SVC and TCSC and its Coordination Control	Design Engineering	No. 6, Aug. 2021, pp. 3624-3635	Scopus	ISSN: 0011-9342
16	Venu Yarlagadda, Giri Prasad Ambati, E.Shiva prasad, Kuntla Veeresham, G.Radhika	Synchronous and Voltage Stability Improvement using SVC and TCSC and its Coordination Control	Design Engineering	No. 6, Aug. 2021, pp. 3624-3635	Scopus	ISSN: 0011-9342
17	Venu Yarlagadda, Giri Prasad Ambati, E.Shiva prasad, Kuntla Veeresham, G.Radhika	Synchronous and Voltage Stability Improvement using SVC and TCSC and its Coordination Control	Design Engineering	No. 6, Aug. 2021, pp. 3624-3635	Scopus	ISSN: 0011-9342
18	Venu Yarlagadda, D.Ravi Kumar, E.Shiva prasad, Giri Prasad Ambati, Lakshminarayana Gadupudi	Prototype models of FACTS Controllers and its Optimal Sizing and Placements in Large Scale Power Systems	Design Engineering	No. 6, Aug. 2021, pp. 3636-3659	Scopus	ISSN: 0011-9342

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		using Voltage Stability Indices				
19	Venu Yarlagadda, D.Ravi Kumar, E.Shiva prasad , Giri Prasad Ambati , Lakshminarayana Gadupudi	Prototype models of FACTS Controllers and its Optimal Sizing and Placements in Large Scale Power Systems using Voltage Stability Indices	Design Engineering	No. 6, Aug. 2021, pp. 3636-3659	Scopus	ISSN: 0011-9342
20	Venu Yarlagadda, D.Ravi Kumar, E.Shiva prasad , Giri Prasad Ambati , Lakshminarayana Gadupudi	Prototype models of FACTS Controllers and its Optimal Sizing and Placements in Large Scale Power Systems using Voltage Stability Indices	Design Engineering	No. 6, Aug. 2021, pp. 3636-3659	Scopus	ISSN: 0011-9342
21	Venu Yarlagadda, D.Ravi Kumar, E.Shiva prasad , Giri Prasad Ambati , Lakshminarayana Gadupudi	Prototype models of FACTS Controllers and its Optimal Sizing and Placements in Large Scale Power Systems using Voltage Stability Indices	Design Engineering	No. 6, Aug. 2021, pp. 3636-3659	Scopus	ISSN: 0011-9342

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22	Venu Yarlagadda, D.Ravi Kumar, E.Shiva prasad , Giri Prasad Ambati , Lakshminarayana Gadupudi	Prototype models of FACTS Controllers and its Optimal Sizing and Placements in Large Scale Power Systems using Voltage Stability Indices	Design Engineering	No. 6, Aug. 2021, pp. 3636-3659	Scopus	ISSN: 0011-9342
23	Venu Yarlagadda, Nireekshana Turaka, Giri Prasad Ambati, S Poornima	Optimization of Voltage Stability based Shunt and Series Compensation using PSO	Design Engineering	No. 6, Aug. 2021, pp. 8679-8694	Scopus	ISSN: 0011-9342
24	Venu Yarlagadda, Nireekshana Turaka, Giri Prasad Ambati, S Poornima	Optimization of Voltage Stability based Shunt and Series Compensation using PSO	Design Engineering	No. 6, Aug. 2021, pp. 8679-8694	Scopus	ISSN: 0011-9342
25	Venu Yarlagadda, Nireekshana Turaka, Giri Prasad Ambati, S Poornima	Optimization of Voltage Stability based Shunt and Series Compensation using PSO	Design Engineering	No. 6, Aug. 2021, pp. 8679-8694	Scopus	ISSN: 0011-9342
26	Venu Yarlagadda, Nireekshana Turaka, Giri Prasad Ambati, S Poornima	Optimization of Voltage Stability based Shunt and Series Compensation using PSO	Design Engineering	No. 6, Aug. 2021, pp. 8679-8694	Scopus	ISSN: 0011-9342

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27	Surender Reddy Salkuti, Neelakanteshwar Rao Battu	An effective network reconfiguration approach of radial distribution system for loss minimization and voltage profile improvement	Bulletin of Electrical Engineering and Informatics	Vol. 10, No. 4, pp. 1819-1827	Scopus	ISSN: 2302-9285
28	K. Veeresham, L. Abhinandh	Improvement of Power Quality of A Grid Connected Wind Energy System Using D-STATCOM	SSRG International Journal of Electrical and Electronics Engineering	Vol. 8, No. 7, 8-11, July 2021	Google Scholar	ISSN: 2348 – 8379
29	M. Ranjit	Performance Analysis of Open-End Winding Induction Motor Drive	Performance Analysis of Open-End Winding Induction Motor Drive	Aug. 2021	Google Scholar	ISBN: 978-620-3-85617-0
30	Venu Yarlagadda, Giri Prasad Ambati, D. Ravi Kumar, E.Shiva prasad, G. Lakshminarayana	Design and Control of Prototype Thyristor Controlled Series Capacitor	Design and Control of Prototype Thyristor Controlled Series Capacitor	Sep. 2021	Google Scholar	ISBN: 978-93-91556-10-5
31	Venu Yarlagadda, Giri Prasad Ambati, D. Ravi Kumar, E.Shiva prasad, G. Lakshminarayana	Design and Control of Prototype Thyristor Controlled Series Capacitor	Design and Control of Prototype Thyristor Controlled Series Capacitor	Sep. 2021	Google Scholar	ISBN: 978-93-91556-10-5

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32	Venu Yarlagadda, Giri Prasad Ambati, D. Ravi Kumar, E.Shiva prasad, G. Lakshminarayana	Design and Control of Prototype Thyristor Controlled Series Capacitor	Design and Control of Prototype Thyristor Controlled Series Capacitor	Sep. 2021	Google Scholar	ISBN: 978-93-91556-10-5
33	Venu Yarlagadda, Giri Prasad Ambati, D. Ravi Kumar, E.Shiva prasad, G. Lakshminarayana	Design and Control of Prototype Thyristor Controlled Series Capacitor	Design and Control of Prototype Thyristor Controlled Series Capacitor	Sep. 2021	Google Scholar	ISBN: 978-93-91556-10-5
34	Venu Yarlagadda, Giri Prasad Ambati, D. Ravi Kumar, E.Shiva prasad, G. Lakshminarayana	Design and Control of Prototype Thyristor Controlled Series Capacitor	Design and Control of Prototype Thyristor Controlled Series Capacitor	Sep. 2021	Google Scholar	ISBN: 978-93-91556-10-5

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35	Venu Yarlagadda, Lakshminarayana Gadupudi, Giriprasad Ambati, O. Sobhana, G. Radhika	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Sep. 2021	Google Scholar	ISBN: 978-93-91478-23-0
36	Venu Yarlagadda, Lakshminarayana Gadupudi, Giriprasad Ambati, O. Sobhana, G. Radhika	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Sep. 2021	Google Scholar	ISBN: 978-93-91478-23-0
37	Venu Yarlagadda, Lakshminarayana Gadupudi, Giriprasad Ambati, O. Sobhana, G. Radhika	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Sep. 2021	Google Scholar	ISBN: 978-93-91478-23-0
38	Venu Yarlagadda, Lakshminarayana Gadupudi, Giriprasad Ambati, O. Sobhana, G. Radhika	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based	Sep. 2021	Google Scholar	ISBN: 978-93-91478-23-0

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		Algorithm with Real Time Data	Algorithm with Real Time Data			
39	Venu Yarlagadda, Lakshminarayana Gadupudi, Giriprasad Ambati, O. Sobhana, G. Radhika	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Optimal Placements of FACTS in Power Systems using Novel Q loss and Stability Indices Based Algorithm with Real Time Data	Sep. 2021	Google Scholar	ISBN: 978-93-91478-23-0
40	Ch. Naga Sai Kalyan, A. N. Venkateswarlu, Ch. Rami Reddy, B. Srikanth Goud, A. Giri Prasad, Ch. Sriram, Flah Aymen	Frequency Regulation of Multi Area Renewable Energy Source System with Practical Constraints under Fractional-Order Fuzzy Controller	International Journal of Energy Research	Vol. 11, No. 3, Sep. 2021, pp. 992-1002	SCI	ISSN: 1099-114X
41	Srinivasa Rao Jalluri, Ramesh Babu Veligatla, Ranjit Mahamkali, Purushothama Raghavendra Reddy Gogireddy	Simulation of solar PV system by FLC based bidirectional DC-DC converter for DC loads	3rd International Conference on Design and Manufacturing aspects for Sustainable Energy-2021	Vol. 309, Article No. 01124, Sep. 2021, pp. 1-6	Scopus	eISSN: 2267-1242

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42	Srinivasa Rao Jalluri, Ramesh Babu Veligatla, Ranjit Mahamkali, Purushothama Raghavendra Reddy Gogireddy	Simulation of solar PV system by FLC based bidirectional DC-DC converter for DC loads	3rd International Conference on Design and Manufacturing aspects for Sustainable Energy-2021	Vol. 309, Article No. 01124, Sep. 2021, pp. 1-6	Scopus	eISSN: 2267-1242
43	Srinivasa Rao Jalluri, Ramesh Babu Veligatla, Ranjit Mahamkali, Purushothama Raghavendra Reddy Gogireddy	Simulation of solar PV system by FLC based bidirectional DC-DC converter for DC loads	3rd International Conference on Design and Manufacturing aspects for Sustainable Energy-2021	Vol. 309, Article No. 01124, Sep. 2021, pp. 1-6	Scopus	eISSN: 2267-1242
44	K. Veeresham, Lade Abhinandh, B. Neelakanteshwar Rao	Enhancement of Power Quality in a Grid Integrated WECS with Shunt Voltage Controller	3rd International Conference on Design and Manufacturing aspects for Sustainable Energy-2021	Vol. 309, Article No. 01166 , Sep. 2021, pp. 1-4	Scopus	eISSN: 2267-1242
45	K. Veeresham, Lade Abhinandh, B. Neelakanteshwar Rao	Enhancement of Power Quality in a Grid Integrated WECS with Shunt Voltage Controller	3rd International Conference on Design and Manufacturing aspects for Sustainable Energy-2021	Vol. 309, Article No. 01166 , Sep. 2021, pp. 1-4	Scopus	eISSN: 2267-1242
46	M. Ranjit, R. Giridhar Balakrishna, V. Ramesh Babu, Jalluri Srinivasa Rao	Impedance Source Inverter Based Asynchronous Motor Drive Using Different Modulating	Smart and Intelligence Systems	31 Aug. 2021, pp. 177-185	Scopus	ISBN: 978-981-16-2108-6

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49	M. Raja Nayak, G. Radhika, B. Devulal, P. Deepak Reddy, G. Suresh	Optimization of high voltage electrodes for 765 kv bus post insulators	Sustainable Energy Technologies and Assessments	Volume 47, Oct. 2021, pp. 1-8	SCI	ISSN: 2213-1388
50	M. Raja Nayak, G. Radhika, B. Devulal, P. Deepak Reddy, G. Suresh	Optimization of high voltage electrodes for 765 kv bus post insulators	Sustainable Energy Technologies and Assessments	Volume 47, Oct. 2021, pp. 1-8	SCI	ISSN: 2213-1388
51	Amarnadh Reddy Nalamalapu, G.C. Prabhakar, Venkata Naga Swetha Kondiseti, Mounika	Eye Blink Detection for Coma Patients	Kala Sarovar (UGC Care Group-1 Journal)	Vol. 23, No. 02 (II) July-September 2020	Google Scholar	ISSN:0975-4520

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53	Venu Yarlagadda, A. Giriprasad, Lakshminarayana Gadupudi, O. Sobhana, M. Naga Jyothi	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Oct. 2021	Google Scholar	ISBN No. 978-93-91538-97-2
54	Venu Yarlagadda, A. Giriprasad, Lakshminarayana Gadupudi, O. Sobhana, M. Naga Jyothi	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Oct. 2021	Google Scholar	ISBN No. 978-93-91538-97-2
55	Venu Yarlagadda, A. Giriprasad, Lakshminarayana Gadupudi, O. Sobhana, M. Naga Jyothi	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Oct. 2021	Google Scholar	ISBN No. 978-93-91538-97-2

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57	Venu Yarlagadda, A. Giriprasad, Lakshminarayana Gadupudi, O. Sobhana, M. Naga Jyothi	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Optimal Placement and Sizing of SVC in Power Systems for Voltage Stability Enhancement	Oct. 2021	Google Scholar	ISBN No. 978-93-91538-97-2
58	G. Sasi Kumar, S. V. Jayaram Kumar, S. Sarat Kumar	Reconfiguration of Distribution Network for Loss Reduction and Improvement of Loadability	The IUP Journal of Electrical & Electronics Engineering	Vol. 14, No. 3, Jul. 2021, pp. 07-21	Google Scholar	-
59	B. Ganesh Babu et al.,	Voice Based Emotion Detection using Deep Neural Networks	IEEE International Conference on Smart Generation Computing, Communication and Networking	-	Scopus	-
60	T. Hari Priya, M. Nagajyothi, G. Radhika, O. Sobhana	Grid-Connected RTPV System with Fuzzy-Based Energy Management System	DC—DC Converters for Future Renewable Energy Systems	28 September 2021, pp. 323-333	Scopus	ISBN: 978-981-16-4387-3

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64	Rashmi Kapoor, Poonam Upadhyay, Thirimal Chinthakuntta, Ganapavarapu Neeraj kumar	Neuro-Estimation of Physical Properties of BaTiO ₃ Ceramic Capacitors for High Power Applications	3rd IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT-2021	27 - 29 November, 2021	Scopus	-
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66	Rashmi Kapoor, M. Sushama, Bhavani Reddy Andem, Akhila Sri Phani Sai Sindhura S.	Natural Scene Text to Voice Signal Conversion for Visually Impaired using Deep Neural Network	3rd IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT-2021	27 - 29 November, 2021	Scopus	-
67	Ajay Kumar Kaviti, Akkala Siva Ram, Pasula Naresh	Enhancement of Evaporation using Hierarchical Structures in Comparison to Plane and Rough Structures in Solar Distillation	International Conference on Nano Technology for Better Living (ICNBL 2021)	06th - 11th September 2021	Google Scholar	-