

VNR Vignana Jyothi Institute of Engineering & Technology

Department of Electrical and Electronics Engineering

Faculty Publications

Academic Year 2022-2023

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/refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1	Venu Yarlagadda, Annapurna Karthika Garikapati, Nuthalapati Alekhya, Madhuvani Gowrabathuni, Korrapati Haritha, Theegala Hemanth Rao	FFT Analysis and Harmonics Mitigation in WES using Multi-Level DSTATCOM	IEEE 2nd ASIAN CONFERENCE ON INNOVATION IN TECHNOLOGY (2nd ASIANCON 2022)	26 to 28 Aug 2022	Scopus	978-1-6654-6851-0
2	Venu Yarlagadda, Nuthalapati Alekhya, Annapurna Karthika Garikapati, Madhuvani Gowrabathuni, Korrapati Haritha, Theegala Hemanth Rao	Mitigation of Harmonics in WES Using Hybrid FACTS Controller	2022 IEEE 2nd International Conference on Sustainable Energy and Future Electric Transportation (SeFeT 2022)	4 to 6th Aug 2022	Scopus	978-1-6654-8057-4
3	Shashidhar Kasthala, Radhika Goru	High Resistance Grounding Systems in MV Shipboard Power Systems	IEEE 2nd International Conference on Sustainable Energy and Future Electric Transportation	04-06 August 2022, pp. 1-6	Scopus	ISBN:978-1-6654-8057-4

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4	G.Radhika, K.Shashidar	A Comparative Study on Grounding Schemes for Analyzing Fault current in Marine Power Sytems	International conference Multidisciplinary Prospective in Engineering, Science, Social and Management	25-09-2022	Google Scholar	
5	B. Srilekha, B. Ganesh Babu	A Review on Optimized SHE-PWM Techniques for Multilevel Inverter	2nd GEAST Global Conference on Energy, Environment & Climate Change (EECC-2022)	10-09-2022	Google Scholar	ISSN: 2583-0228
6	Yadlapalli Ravindranath Tagore, Kotapati Anuradha	ANALYSIS AND DESIGN OF DC-DC CONVERTER FOR ELECTRIC VEHICLE APPLICATIONS	Suranaree Journal of Science and Technology	Vol. 29, No. 4, July/Aug. 2022pp: 1-10	Scopus	ISSN: 2587-0009
7	Remala Geshma Kumari, A. Ezhilarasi, Naresh Pasula	Control strategy for modified CI-based Bi-directional Γ -Z source DC-DC converter for buck-boost operation	International Journal of Power Electronics and Drive Systems (IJPEDS)	Vol. 13, No. 3, September 2022, pp. 1510-1518	Scopus	ISSN: 2088-8694
8	A.Rama Devi, N. Krishna Kumari, I.V.S.A.Shesha Sai, D.Ravi Kumar,	Novel Configuration of Multilevel Inverter Topology with Less Number of	IEEE 2nd ASIAN CONFERENCE ON INNOVATION IN TECHNOLOGY (2nd ASIANCON 2022)	26 to 28 Aug 2022	Scopus	978-1-6654-6851-0

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	I.Neelima, Naga Swetha	Switches				
9	G. Radhika, M.Raja Nayak, M.Saritha, R.Padma, T.Naga Raju, T.Santosh Kumar	Optimal design configuration of coronarings for 1200 KV bus post insulators	Sustainable Energy Technologies and Assessments	Volume 53, Part D, Oct. 2022	SCIE	ISSN: 2213-1388
10	Remala Geshma Kumari, A. Ezhilarasi, Naresh Pasula	Control strategy for modified CI-based Bi-directional Γ -Z source DC-DC converter for buck-boost operation	International Journal of Power Electronics and Drive Systems (IJPEDS)	Vol. 13, No. 3, September 2022, pp. 1510-1518	Scopus	ISSN: 2088-8694
11	A.Rama Devi, N. Krishna Kumari, I.V.S.A.Sha Sai, D.Ravi Kumar, I.Neelima, Naga Swetha	Novel Configuration of Multilevel Inverter Topology with Less Number of Switches	IEEE 2nd ASIAN CONFERENCE ON INNOVATION IN TECHNOLOGY (2nd ASIANCON 2022)	26 to 28 Aug 2022	Scopus	978-1-6654-6851-0
12	A.Rama Devi, N. Krishna Kumari, I.V.S.A.Sha Sai, D.Ravi Kumar, I.Neelima, Naga Swetha	Novel Configuration of Multilevel Inverter Topology with Less Number of Switches	IEEE 2nd ASIAN CONFERENCE ON INNOVATION IN TECHNOLOGY (2nd ASIANCON 2022)	26 to 28 Aug 2022	Scopus	978-1-6654-6851-0

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13	A.Rama Devi, N. Krishna Kumari, I.V.S.A.She sha Sai, D.Ravi Kumar, I.Neelima, Naga Swetha	Novel Configuration of Multilevel Inverter Topology with Less Number of Switches	IEEE 2nd ASIAN CONFERENCE ON INNOVATION IN TECHNOLOGY (2nd ASIANCON 2022)	26 to 28 Aug 2022	Scopus	978-1-6654-6851-0
14	G.Sasi Kumar, S.Sarath Kumar, S.V.Jayaram Kumar, M.Sankaraiah	Optimal location of distribution generation of Distribution Network for Loss Reduction using Maximum Loadability Index	Gongcheng Kexue Yu Jishu/Advanced Engineering Science	Vol. 54, No. 2, pp. 3313-3321, October 2022	Scopus	ISSN: 2096-3246
15	G.Radhika, K.Shashidhar	A Review on Power Line Communication and its Applicability to Cable Fault Monitoring	ICMACC-22 (IEEE Conference)	28-30th December, 2022	Scopus	978-1-6654-9604-9
16	Geshma Kumari, A Ezhilarasi, Naresh Pasula	A Novel Low Loss, Medium Gain CI based DC-DC Boost Converter	ICMACC-22 (IEEE Conference)	28-30th December, 2022	Scopus	978-1-6654-9604-9
17	B. Koushik Aryan O.Sobhana, G.C. Prabhakar, N. Amarnadh	Fault Detection and Classification in Micro Grid Using AI	ICMACC-22 (IEEE Conference)	28-30th December, 2022	Scopus	978-1-6654-9604-9

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	Reddy	Technique				
18	B. Koushik Aryan O.Sobhana, G.C. Prabhakar, N. Amarnadh Reddy	Fault Detection and Classification in Micro Grid Using AI Technique	ICMACC-22 (IEEE Conference)	28-30th December, 2022	Scopus	978-1-6654-9604-9
19	B. Koushik Aryan O.Sobhana, G.C. Prabhakar, N. Amarnadh Reddy	Fault Detection and Classification in Micro Grid Using AI Technique	ICMACC-22 (IEEE Conference)	28-30th December, 2022	Scopus	978-1-6654-9604-9
20	Venu Yarlagadda, A. Giri Prasad, Ch. Rami Reddy, T. Nireekshana , B. V. Seshu Kumari, P.V.V Satyanarayana	Suppression of Ferranti Effect of Transmission System Using Closed Loop Control of FACTS Devices	Journal of Electrical Systems	Vol. 18, No. 04, December 2022, 474-486	WoS/ESCI	ISSN: 1112-5209
21	Venu Yarlagadda, A. Giri Prasad, Ch. Rami Reddy, T. Nireekshana , B. V. Seshu Kumari,	Suppression of Ferranti Effect of Transmission System Using Closed Loop Control of FACTS Devices	Journal of Electrical Systems	Vol. 18, No. 04, December 2022, 474-486	WoS/ESCI	ISSN: 1112-5209

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	P.V.V Satyanarayana					
22	V.S.L Prathyusha, G.Sasi Kumar	Battery management system for electric vehicles	NEUROQUANTOLOGY	Vol. 20, No. 15, November 2022, pp. 2891-2895	Scopus	ISSN:1303-5150
23	J Bhavani, Roopa Sree Varikuti, T. Nireekshana, K.Sudha Rani sudhar, Srinivasa Rao Jalluri	Design of Interleaved Full-Bridge LLC Converter for EV Applications	ICECCES2022	December 2022	Scopus	
24	J Bhavani, Roopa Sree Varikuti, T. Nireekshana, K.Sudha Rani sudhar, Srinivasa Rao Jalluri	Design of Interleaved Full-Bridge LLC Converter for EV Applications	ICECCES2022	December 2022	Scopus	
25	Roopa Sree Varikuti, J Bhavani, T. Nireekshana	Design of Off Board Charger with Interleaved Full-Bridge LLC Converter for Electric Vehicle Applications	SPICON-2022	December 2022	Scopus	

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26	P. Vinod, D. Ravi Kumar, B. Devulal, G. Sasi Kumar	Power Quality Improvement in Distribution Network with Ultra Capacitor based DVR	International Conference on Emerging Trends in Smart Grid, Renewable Energy and Electric Vehicle Technologies	27-29 December 2022	Scopus	
27	P. Vinod, D. Ravi Kumar, B. Devulal, G. Sasi Kumar	Power Quality Improvement in Distribution Network with Ultra Capacitor based DVR	International Conference on Emerging Trends in Smart Grid, Renewable Energy and Electric Vehicle Technologies	27-29 December 2022	Scopus	
28	P. Vinod, D. Ravi Kumar, B. Devulal, G. Sasi Kumar	Power Quality Improvement in Distribution Network with Ultra Capacitor based DVR	International Conference on Emerging Trends in Smart Grid, Renewable Energy and Electric Vehicle Technologies	27-29 December 2022	Scopus	
29	Ganapavaru Neeraj Kumar, Poonam Upadhyay	A REVIEW ON DVR BASED VOLTAGE SAG MITIGATION IN HYBRID POWER SYSTEM	ICIET-2022	15th September 2022	Scopus	-
30	Annapurna Karthika Garikapati, Poonam Upadhyay, Nireekshana T	A review of Mathematical modeling of PV array using MPPT technology	ICIET-2022	17th September 2022	Scopus	-

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31	B. Devulal, M. Siva, D. Ravi Kumar, A. Supriya, P. Sushma Devi	Multiple DG Placement in Distribution Network with Reconfiguration Process for Active Power Loss Minimization	Lecture Notes in Electrical Engineering	Vol 947, 07 February 2023, pp. 363–373	Scopus	ISBN: 978-981-19-5935-6
32	B. Devulal, M. Siva, D. Ravi Kumar, A. Supriya, P. Sushma Devi	Multiple DG Placement in Distribution Network with Reconfiguration Process for Active Power Loss Minimization	Lecture Notes in Electrical Engineering	Vol 947, 07 February 2023, pp. 363–373	Scopus	ISBN: 978-981-19-5935-6
33	Haripriya T, Ganesh Babu B and Poonam Upadhyay	GIS Based Transmission System Planning	SPICON 2022	22nd & 23rd December 2022	Scopus	ISBN:978-1-6654-6539-7
34	Haripriya T, Ganesh Babu B and Poonam Upadhyay	GIS Based Transmission System Planning	SPICON 2022	22nd & 23rd December 2022	Scopus	ISBN:978-1-6654-6539-7
35	Haripriya T, Ganesh Babu B and Poonam Upadhyay	GIS Based Transmission System Planning	SPICON 2022	22nd & 23rd December 2022	Scopus	ISBN:978-1-6654-6539-7
36	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy Storage	Computer Integrated Manufacturing Systems	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911

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37	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy Storage	Computer Integrated Manufacturing Systems	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911
38	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy Storage	Computer Integrated Manufacturing Systems	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911
39	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy Storage	Computer Integrated Manufacturing Systems	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911
40	Bathini Srilekha, B. Ganesh Babu, Hari Priya, Rashmi Kapoor, O. Sobhana	Harmonic Elimination using PSO and GWO in Cascaded H-Bridge Multilevel Inverter	International Conference on Electrical Energy Systems - 2023	23-25, March 2023	Scopus	-
41	Bathini Srilekha, B. Ganesh Babu, Hari Priya, Rashmi Kapoor, O. Sobhana	Harmonic Elimination using PSO and GWO in Cascaded H-Bridge Multilevel Inverter	International Conference on Electrical Energy Systems - 2023	23-25, March 2023	Scopus	

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42	Bathini Srilekha, B. Ganesh Babu, Hari Priya, Rashmi Kapoor, O. Sobhana	Harmonic Elimination using PSO and GWO in Cascaded H-Bridge Multilevel Inverter	International Conference on Electrical Energy Systems - 2023	23-25, March 2023	Scopus	ISBN:979-8-3503-4803-3
43	Venu Yarlagadda, Giri Prasad Ambati, Ch. Rami Reddy, D. Ravi Kumar, J.Srinivasa Rao, B.V. SeshuKumari	Realization of Small Scale Models of FCATS Devices and its Optimization in Power Systems using Stability Indices and Particle Swarm Optimization	Journal of Electrical Systems	Vol. 19, No. 1, March 2023, pp. 53-63	WoS/ESCI	ISSN: 1112-5209
44	Venu Yarlagadda, Giri Prasad Ambati, Ch. Rami Reddy, D. Ravi Kumar, J.Srinivasa Rao, B.V. SeshuKumari	Realization of Small Scale Models of FCATS Devices and its Optimization in Power Systems using Stability Indices and Particle Swarm Optimization	Journal of Electrical Systems	Vol. 19, No. 1, March 2023, pp. 53-63	WoS/ESCI	ISSN: 1112-5209

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45	Venu Yarlagadda, Giri Prasad Ambati, Ch. Rami Reddy, D. Ravi Kumar, J.Srinivasa Rao, B.V. SeshuKumari	Realization of Small Scale Models of FCATS Devices and its Optimization in Power Systems using Stability Indices and Particle Swarm Optimization	Journal of Electrical Systems	Vol. 19, No. 1, March 2023, pp. 53-63	WoS/ESCI	ISSN: 1112-5209
46	Venu Yarlagadda, Giri Prasad Ambati, Ch. Rami Reddy, D. Ravi Kumar, J.Srinivasa Rao, B.V. SeshuKumari	Realization of Small Scale Models of FCATS Devices and its Optimization in Power Systems using Stability Indices and Particle Swarm Optimization	Journal of Electrical Systems	Vol. 19, No. 1, March 2023, pp. 53-63	WoS/ESCI	ISSN: 1112-5209
47	N.Krishna Kumari, Naga Swetha.B, SK. Nagulmeera, S. Pranitha, D. Padmapriya, K. Kushwanth	Soft Switching DC-DC Converter using PI Controller for Low and Medium Power Applications	International Conference on Emerging Trends in Engineering (ICETE)	29-04-2023	Scopus	-

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48	N.Krishna Kumari, Naga Swetha.B, SK. Nagulmeera, S. Pranitha, D. Padmapriya, K. Kushwanth	Soft Switching DC-DC Converter using PI Controller for Low and Medium Power Applications	International Conference on Emerging Trends in Engineering (ICETE)	29-04-2023	Scopus	-
49	N.Krishna Kumari, Naga Swetha.B, Sai Naga Aasrith M, K. Namratha, C.Pramodh Kumar Reddy, Th. Bala Manish	Pulse Frequency Modulation for Pulsed Power Applications	International Conference on Emerging Trends in Engineering (ICETE)	28-04-2023	Scopus	-
50	N.Krishna Kumari, Naga Swetha.B, Sai Naga Aasrith M, K. Namratha, C.Pramodh Kumar Reddy, Th. Bala Manish	Pulse Frequency Modulation for Pulsed Power Applications	International Conference on Emerging Trends in Engineering (ICETE)	28-04-2023	Scopus	-
51	Sai Vishnu Vamsi, Somesh Vinayak Tewari, K Mounika Nagabushanam, Tarkeshwar Mahto, K Vamshi Kumar	State of Health of Lithium-Ion batteries by Data-driven technique with Optimized Gaussian process regression	International Conference on Artificial Intelligence and Applications (ICAIA-2023)	April 21-22, 2023	Scopus	-

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52	P. Sadanandam ; Poonam Upadhyay; A. Jayalaxmi	Modulated Frequency Triangular Carrier Based Discontinuous PWM Technique for Inverter Fed Induction Motor Drive	National Power Systems Conference (NPSC)	17-19 December 2022, pp. 160-165	Scopus	ISBN: 978-1-6654-6202-0
53	Pinapillia Ramesh, Narri Yadaiah	Design and development of brain emotional learning based adaptive membership functions for type-2 fuzzy systems	Journal of Intelligent & Fuzzy Systems	Vol. Pre-press, No. Pre-press, pp. 1-22, 29 March 2023	SCIE	ISSN: 1064-1246
54	Srinivasa Rao Jalluri, Bhuvana Chandra Kusuma, AkhilaSri Narra, Prajwesh Sunny Seelam and Saketh Veerabathini	Sun Powered Mobility: Developing A Solar Tracking System for Electric Vehicle Charging	E3S Web of Conferences 391, 01186 (2023)	19-05-2023	Scopus	E-ISSN:2267-1242
55	Kura Ranjeeth Kumar, Poonam Upadhyay, J. Anwesh Kumar, B. Nagaraja Naik, P.R. Sai Sasidhar, P. Sathvik	Application of Back Propagation Algorithm for Solar Radiation Forecasting in Photovoltaic System	IOT and Analytics in Renewable Energy Systems	1st Edition, pp. 1-10, 01/06/2023	Scopus	ISBN: 9781003331117

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	Reddy					
56	R. Hruthik Chandra, Anudeep Peddi, Kalyana Srinivas Kandala, I. Neelima, N. Sudhakar Yadav, Choudary Santosh Kumar	Rice Disease Detection and Classification Using Artificial Intelligence	International conference on innovations in signal processing and embedded systems (ICISPES'21)	September 2022, pp.	Scopus	ISBN 978-981-19-1668-7
57	N. Vishnu Teja, Kalyana Srinivas Kandala, Anudeep Peddi, I. Neelima, Poonam Upadhyay & N. Sudhakar Yadav	Advancements of Artificial Intelligence in Microbiological Study by Extraction and Identification of Different Micro-organism Clusters	International conference on innovations in signal processing and embedded systems (ICISPES'21)	September 2022, pp.	Scopus	ISBN: 978-981-19-1668-7
58	N. Vishnu Teja, Kalyana Srinivas Kandala, Anudeep Peddi, I. Neelima, Poonam Upadhyay &	Advancements of Artificial Intelligence in Microbiological Study by Extraction and	International conference on innovations in signal processing and embedded systems (ICISPES'21)	September 2022, pp.	Scopus	ISBN: 978-981-19-1668-7

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	N. Sudhakar Yadav	Identification of Different Micro-organism Clusters				
59	Chinthala Akhil, Kalyana Srinivas Kandala, Anudeep Peddi, N. Sudhakar Yadav, T. Srinivasa Rao, I. Neelima	Applications of Artificial Intelligence for Autonomous Landing and Multicopter Unmanned Aerial Vehicles Design by Space Exploration Machines	International conference on innovations in signal processing and embedded systems (ICISPES'21)	September 2022, pp.	Scopus	ISBN: 978-981-19-1668-7
60	Bangari Rajesh; K Anuradha	Integrated Single Phase Charger for Electric Vehicle Using Dual Inverter Drive	International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	05-06 January 2023, pp. 1-7	Scopus	ISBN:978-1-6654-9400-7
61	G.Sasi Kumar, Kada veru Umesh Chandra, Ge elugu Ruchita, Pedaneni Hemanth Nag	Design and Modelling of Electric Vehicle/Mat lab Simulink	International Conference on Emerging Trends in Engineering and Technology (ICETET)- 2023	09-06-2023 to 10-06-2023	Scopus	

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62	G. Kavya, O. Sobhana, Dr. M. SuryaKalavathi	Analysis and Detection of Minor Faults in Power Transformer	The International journal of analytical and experimental modal analysis	June, 2023	Cloned Journals UGC-CARE Group II	ISSN NO: 0886-9367
63	V. Ramesh Babu	Basics of Electrical Energy for Engineers	Basics of Electrical Energy for Engineers	May 2023	Google Scholar	ISBN: 978-93-95038-27-0
64	Ch. Naveen Reddy, V. Ramesh Babu, Hrishikesh Routhu, Meda Ganesh Vaibhav, Lingala Keshav	Design and Development of Foldable Stair Mechanism	International Conference on Mechanical Engineering: Researches and Evolutionary Challenges	23-25 June 2023	Scopus	-

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1	A. Bhakthavachala, S. Tarakalyani, 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
2	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	SCIE	ISSN: 1099-114X
3	Y. Ravindranath Tagore, A. R. Vijay Babu, Y. Srinivasarao, P. Manoj Kumar, K. Anuradha	Experimental Validation of Fuel Cell Powered Energy Efficient Gallium Nitride Multilevel Inverter for Industrial Applications	Journal of New Materials for Electrochemical Systems	Vol. 24, No. 3, Sep-2021, pp. 159-165	SCIE	ISSN: 1480-2422
4	A. Bhakthavachala, S. Tarakalyani, K. Anuradha, N. Pravallika Reddy	Implementation of LMMN-based adaptive filtering method for control of single-phase solar power generation	Journal of Information and Computational Science	Vol. 11, No. 9, 2021, pp. 161-173	UGC	ISSN: 1548-7741

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		system with universal active power filter				
5	Y. Ravindranath Tagore, K. Rajani, K. Anuradha	Dynamic analysis of solar powered two-stage dc–dc converter with MPPT and voltage regulation	International Journal of Dynamics and Control	Vol. 10, April 2021, pp. 1745–1759	Scopus	ISSN: 2195-2698
6	Ravindranath Tagore Yadlapalli, RamaKoteswara Rao Alla, Rajani Kandipati, Anuradha Kotapati	Super capacitors for energy storage: Progress, applications and challenges	Journal of Energy Storage	Volume 49, May 2022, pp.	SCIE	ISSN: 2352-152X
7	Ravindranath Tagore Yadlapalli, Anuradha Kotapati, Rajani Kandipati, Chandra Sekhar Koritala	A review on energy efficient technologies for electric vehicle applications	Journal of Energy Storage	Volume 50, June 2022, pp.	SCIE	ISSN: 2352-152X

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8	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	ISBN:978-1-6654-2691-6
9	Poojika Upadhyay, Kalyana Srinivas K, P. Anudeep, Poonam Upadhyay	Applications of Artificial Intelligence in Robotics for Human Habitation on Mars - A Review	Journal of Biological Engineering Research and Review	Mar-22	Google Scholar	ISSN: 2349-3232
10	Giri Prasad Ambati, Lakshmi Durga M, Poonam Upadhyay, Nireekshana T	Mitigation of Very Fast Transient Over Voltages in GIS Substation Using Switched Shunt Reactor	The International journal of analytical and experimental modal analysis	Volume XIV, Issue I, January 2022	Google Scholar	ISSN: 0886-9367
11	Venu Yarlagadda, J. Viswanatha Rao, Giriprasad Ambati, S. N. V. Karthik Kumar, Kasala Rajesh	Integrated Voltage and Generator Stability Analysis of a Three Bus System Combining SMIB and SMLB Systems	International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE)	16-17 Dec. 2021	Scopus	ISBN: 978-1-6654-8297-4

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12	Kasala Rajesh, J. Viswanatharao	A Genetic Algorithm Approach for the Optimal Allocation of On-Site Generation in Radial Distribution Networks	Advances in Electrical and Computer Technologies	26 June 2022	Scopus	ISBN: 978-981-19-1111-8
13	Kalyan Sagar Kadali, Moorthy Veeraswamy, Marimuthu Ponnusamy, Viswanatharao Jawalkar	Linear interpolated multi-objective economic emission scheduling using grey wolf optimizer: a strategic balance and solution with diverse load pattern	COMPEL-The international journal for computation and mathematics in electrical and electronic engineering	Vol. 41, No. 1, 11th Jan. 2022, pp. 427-454	SCIE	ISSN: 0332-1649
14	Venu Yarlagaadda, R. Geshmakumari, J. Viswanatharao, Lakshminarayana Gadupudi	Mitigation of Harmonics in Distributed System with D-GCSC fed Loads using closed loop control of DSTATCOM	International Conference on Advances in Electronics, Computers and Communications (ICAECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2
15	Srinivasa Rao Jalluri, M.Ranjit, V. Ramesh Babu, SomagainiSuman	Dynamic Performance Improvement of Three Phase Asynchronous Motor using Ultra Capacitor	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 5, July, 2021, pp. 4454 - 4462	Google Scholar	ISSN: 1309-6591

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		fed DC motor Backup				
16	M. Ranjit, R. Giridhar Balakrishna, V. Ramesh Babu, Jalluri Srinivasa Rao	Impedance Source Inverter Based Asynchronous Motor Drive Using Different Modulating Signals	Smart and Intelligence Systems	31 Aug. 2021, pp. 177-185	Google Scholar	ISBN: 978-981-16-2108-6
17	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
18	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, 4463 - 4477	Google Scholar	ISSN: 1309-6591
19	Kalpana Anumala, Ramesh Babu Veligatla	Novel axial flux machines topology assessment and their feasible applications	International Journal of Power Electronics and Drive Systems (IJPEDS)	Vol. 13, No. 1, March 2022, pp. 84-92	Scopus	ISSN: 2088-8694

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20	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
21	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
22	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
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, D.Ravi Kumar, E.Shiva prasad , Giri Prasad	Prototype models of FACTS Controllers and its Optimal Sizing and	Design Engineering	No. 6, Aug. 2021, pp. 3636-3659	Scopus	ISSN: 0011-9342

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	Ambati , Lakshminarayana Gadupudi	Placements in Large Scale Power Systems using Voltage Stability Indices				
25	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
26	Venu Yarlagadda, Rashmi Kapoor, G. Lakshminarayana, N. Amarnadh Reddy	Comparative Analysis of GCSC and Hybrid Compensators Influence on Power Transfer Enhancement of UHV Transmission Systems	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978- 981-19- 1742-4
27	Venu Yarlagadda, Garikapati Annapurna Karthika, M. Nagajyothi, J. Bhavani	DSTATCOM based Closed Loop Controlled Wind Power Plant with Self Excited Induction Generator for Controlling Terminal Voltage against Load Disturbances	International Conference on Advances in Electronics, Computers and Communications (ICAECC)	10-11 Jan. 2022	Scopus	ISBN:978- 1-6654- 0239-2

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28	Venu Yarlagadda, Rashmi Kapoor, Chava Sunil Kumar, Giriprasad Ambati	Dynamic and Transient Stability Enhancement of Multi Area Power Systems using Fuzzy Logic Control against Load Disturbances	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
29	Venu Yarlagadda, G. Lakshminarayana, Giriprasad Ambati, Garikapati Annapurna Karthika	FFT Analysis and Power Quality Improvement in Grid Connected Solar Power Plant with MPPT Algorithm	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
30	Venu Yarlagadda, G.Lakshminarayana, M.Nagajyothi, I.Neelima	Frequency Control and small signal stability Improvement with Fuzzy control based Single and two area power systems	International Conference on Advances in Electronics, Computers and Communications (ICAECC)	10-11 Jan. 2022	Scopus	ISBN: 978-1-6654-0239-2
31	Neelakanteshwar Rao Battu, Perka Krishna, Venu Yarlagadda	Integration of Photovoltaic Distributed Generation into Grid	Next Generation Smart Grids: Modeling, Control and Optimization	01-Jan-22	Scopus	ISBN: 978-981-16-7793-9

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32	Venu Yarlagadda, M.Naga Jyothi , G. Lakshminarayana , T. Hari Priya	Power Flow and Stability Improvement in Distribution Systems using Phase Angle Regulator	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
33	Venu Yarlagadda, Rashmi Kapoor, K. Veeresham, O. Sobhana	Power Flow Control and Stability Improvement of EHV and UHV Transmission and Distribution Systems with Closed Loop Control of GCSC	International Conference on Advances in Electronics, Computers and Communications (ICAEECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2
34	Venu Yarlagadda, G. Sasi Kumar, R. Geshma Kumari, Giriprasad Ambati	Small Signal Stability Improvement of Phillips Heffron Model with Fuzzy Based Control and Its Comparison with PSS	Innovations in Electrical and Electronic Engineering	14-04-2022, pp. 28-40	Scopus	ISBN: 978-981-19-1676-2
35	Venu Yarlagadda, T. Hari Priya, N. Amarnadh Reddy, Giriprasad Ambati	Transient Response and Stability Analysis of Weak Power System Using Hybrid Compensator, STATCOM and SVC: A	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4

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36	Venu Yarlagadda , Garikapati Annapurna Karthika, Giriprasad Ambati, Chava Sunil Kumar	Wind Energy System using Self Excited Induction Generator with Hybrid FACTS Device for Load Voltage Control	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
37	Venu Yarlagadda, J. Viswanatha Rao, Giriprasad Ambati, S. N. V. Karthik Kumar, Kasala Rajesh	Integrated Voltage and Generator Stability Analysis of a Three Bus System Combining SMIB and SMLB Systems	International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE)	16-17 Dec. 2021	Scopus	ISBN: 978-1-6654-8297-4
38	Venu Yarlagadda, R. Geshmakumari, J. Viswanatha Rao, Lakshminarayana Gadupudi	Mitigation of Harmonics in Distributed System with D-GCSC fed Loads using closed loop control of DSTATCOM	International Conference on Advances in Electronics, Computers and Communications (ICAEECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2

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39	V. Yarlagadda, G. Lakshminarayana, G. Ambati, T. Nireekshana, G. A. Karthika,	Mitigation of Ferranti Effect and Voltage Control in Transmission Systems Using Fuzzy Logic Controlled SVC	International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	25-26 March 2022	Scopus	ISBN:978-1-6654-2111-9
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42	G. Sasi Kumar, S. V. Jayaram Kumar, S. Sarat Kumar	Reconfiguration of Distribution Network for Loss Reduction and Improvement	The IUP Journal of Electrical & Electronics Engineering	Vol. 14, No. 3, Jul. 2021, pp. 07-21	Google Scholar	-

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43	Venu Yarlagadda, G. Sasi Kumar, R. Geshma Kumari, Giriprasad Ambati	Small Signal Stability Improvement of Phillips Heffron Model with Fuzzy Based Control and Its Comparison with PSS	Innovations in Electrical and Electronic Engineering	14-04-2022, pp. 28-40	Scopus	ISBN: 978-981-19-1676-2
44	Surender Reddy Salkuti, Neelakanteswar 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, Aug. 2021	Scopus	ISSN: 2302-9285
45	K. Veeresham, Lade Abhinandh, B. Neelakanteswar 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

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47	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	Google Scholar	ISSN: 1309-6591
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51	Krishna Sindura Dugana, Dr. Bhavani J., Dr. Nireekshana T.	Development of Energy Source Management Using Bi-Directional Converter in Electric Vehicles	Design Engineering	No. 8, Nov. 2021, pp. 15988-15996	Scopus	ISSN: 0011-9342
52	Venu Yarlagadda, Garikapati Annapurna Karthika, M. Nagajyothi, J. Bhavani	DSTATCOM based Closed Loop Controlled Wind Power Plant with Self Excited Induction Generator for Controlling Terminal Voltage against Load Disturbances	International Conference on Advances in Electronics, Computers and Communications (ICAECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2
53	J. Bhavani, V. Roopa Sree, T. Nireekshana	Novel Control Technique for DC-DC Buck Converters with Parametric Uncertainties	International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE)	Vol 9, Issue 4, April 2022	Google Scholar	ISSN: 2395-2717

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55	Krishna Sindura Dugana, Dr. Bhavani J., Dr. Nireekshana T.	Development of Energy Source Management Using Bi-Directional Converter in Electric Vehicles	Design Engineering	No. 8, Nov. 2021, pp. 15988-15996	Scopus	ISSN: 0011-9342
56	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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59	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
60	K. Veeresham, Lade Abhinandh, B. Neelakanteswar 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
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62	Venu Yarlagadda, Giri Prasad Ambati, E.Shiva prasad,	Synchronous and Voltage Stability Improvement using SVC and TCSC	Design Engineering	No. 6, Aug. 2021, pp. 3624-3635	Scopus	ISSN: 0011-9342

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	Kuntla Veeresham, G.Radhika	and its Coordination Control				
63	V. Yarlagadda, A. K. Garikapati, L. Gadupudi, R. Kapoor and K. Veeresham	Comparative Analysis of STATCOM and SVC on Power System Dynamic Response and Stability Margins with time and frequency responses using Modelling	International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	25-26 March 2022	Scopus	ISBN:978-1-6654-2111-9
64	Parasa Sushma Devi, Dasari Ravi Kumar, Kiran Chakravarthula	Reliability improvement and loss reduction in radial distribution system with network reconfiguration algorithms using loss sensitivity factor	International Journal of Electrical and Computer Engineering (IJECE)	Vol. 12, No. 2, April 2022, pp. 1199-1210	Scopus	ISSN: 2088-8708
65	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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66	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
67	B. Devulal, M. Siva, D. Ravi Kumar, V. Rajashekar	Design and Analysis of Micro-grid Stability with Various DGs	Lecture Notes in Electrical Engineering	Vol. 893, 27 April 2022, pp. 406–414	Scopus	ISBN: 978-981-19-1741-7
68	Ch Rami Reddy, R. B. R. Prakash, P. Srinivasa Varma, M. Dilip Kumar, A. Giri Prasad, E. Shiva Prasad	Maximum Power Point Tracking for Permanent Magnet Synchronous Generator based Wind Park Application	INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH	Vol.12, No.2 PP 846-862, June 2022	ESCI	ISSN: 1309-0127
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71	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
72	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy Storage	Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911
73	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	Google Scholar	ISBN: 978-981-16-4387-3
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	Reddy, G. Suresh	bus post insulators				
75	Harsha Vardhan, G. Radhika, N. Krishna Kumari, I. Neelima, B. Naga Swetha	Fault-Tolerant Reconfigured FBSRC Topologies for Induction Furnace with PI Controller	International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2022)	10-11 Jan. 2022	Google Scholar	ISBN: 978-981-19-1844-5
76	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
77	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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78	R Vijaya Saraswathi, Dheeraj Nandigama, R Vasavi, B Ganesh Babu, Sai Shivani D	Voice Based Emotion Detection using Deep Neural Networks	IEEE International Conference on Smart Generation Computing, Communication and Networking	29th-30th Oct. 2021	Scopus	ISBN:978-1-6654-2503-2
79	B. Ganesh Babu, M. Surya Kalavathi	ANN-CF-PSO Algorithm Based Selective Harmonic Elimination in Cascaded Multilevel Inverter for PV Applications	Innovations in Electrical and Electronic Engineering	27th April 2022	Scopus	ISBN: 978-981-19-1742-4
80	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
81	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	Google Scholar	ISSN: 1309-6591

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82	M. Ranjit, R. Giridhar Balakrishna, V. Ramesh Babu, Jalluri Srinivasa Rao	Impedance Source Inverter Based Asynchronous Motor Drive Using Different Modulating Signals	Smart and Intelligence Systems	31 Aug. 2021, pp. 177-185	Google Scholar	ISBN: 978-981-16-2108-6
83	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
84	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, 2021, 4463 - 4477	Google Scholar	ISSN: 1309-6591
85	Venu Yarlagadda, Garikapati Annapurna Karthika, M. Nagajyothi, J. Bhavani	DSTATCOM based Closed Loop Controlled Wind Power Plant with Self Excited Induction Generator for Controlling Terminal Voltage against Load Disturbances	International Conference on Advances in Electronics, Computers and Communications (ICAIECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2

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86	Venu Yarlagadda, G.Lakshminarayana, M.Nagajyothi, I.Neelima	Frequency Control and small signal stability Improvement with Fuzzy control based Single and two area power systems	International Conference on Advances in Electronics, Computers and Communications (ICAECC)	10-11 Jan. 2022	Scopus	ISBN: 978-1-6654-0239-2
87	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	Google Scholar	ISBN: 978-981-16-4387-3
88	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
89	Venu Yarlagadda, M.Naga Jyothi, G. Lakshminarayana, T. Hari Priya	Power Flow and Stability Improvement in Distribution Systems using Phase Angle Regulator	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
90	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy	Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911

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		Storage				
91	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
92	Geethanjali Pandeswara, Naresh Pasula, Geshma Kumari R	A multipurpose power supply for constant current, constant voltage, and constant power applications	Review of Scientific Instruments	Vol. 92, Nov. 2021, pp. 1-11	SCIE	ISSN: 0034-6748
93	R. Geshma Kumari, Naresh Pasula and A. Ezhilarasi	Development of Cascaded Power Converters for High-Voltage and Constant-Current Applications	IEEE Transactions on Plasma Science	Vol. 49, No. 12, Dec. 2021, pp. 3873-3882	SCIE	ISSN: 0093-3813
94	Venu Yarlagadda, R. Geshmakumari, J. Viswanatha Rao, Lakshminarayana Gadupudi	Mitigation of Harmonics in Distributed System with D-GCSC fed Loads using closed loop control of DSTATCOM	International Conference on Advances in Electronics, Computers and Communications (ICAIECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2

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95	Venu Yarlagadda, G. Sasi Kumar, R. Geshma Kumari, Giriprasad Ambati	Small Signal Stability Improvement of Phillips Heffron Model with Fuzzy Based Control and Its Comparison with PSS	Innovations in Electrical and Electronic Engineering	14-04-2022, pp. 28-40	Scopus	ISBN: 978-981-19-1676-2
96	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	Google Scholar	ISBN: 978-981-16-4387-3
97	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
98	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

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99	Venu Yarlagadda, Rashmi Kapoor, K. Veeresham, O. Sobhana	Power Flow Control and Stability Improvement of EHV and UHV Transmission and Distribution Systems with Closed Loop Control of GCSC	International Conference on Advances in Electronics, Computers and Communications (ICAECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2
100	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy Storage	Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911
101	Venu Yarlagadda, Rashmi Kapoor, G. Lakshminarayana, N. Amarnadh Reddy	Comparative Analysis of GCSC and Hybrid Compensators Influence on Power Transfer Enhancement of UHV Transmission Systems	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
102	Venu Yarlagadda, T. Hari Priya, N. Amarnadh Reddy, Giriprasad Ambati	Transient Response and Stability Analysis of Weak Power System Using Hybrid Compensator, STATCOM	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4

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		and SVC: A Comprehensive Comparison				
103	N. Amarnadh Reddy, O. Sobhana, G.C. Prabhakar, E. Shiva Prasad	Renewable Energy Technology Based Irrigation Pumping System With Energy Storage	Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS	Vol. 28, No. 12, 25th December 2022, pp. 2721–2736.	Scopus	ISSN: 1006-5911
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106	Venu Yarlagadda, T. Hari Priya, N. Amarnadh Reddy, Giriprasad Ambati	Transient Response and Stability Analysis of Weak Power System Using Hybrid Compensator, STATCOM and SVC: A	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4

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107	Harsha Vardhan, G. Radhika, N. Krishna Kumari, I. Neelima, B. Naga Swetha	Fault-Tolerant Reconfigured FBSRC Topologies for Induction Furnace with PI Controller	International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2022)	10-11 Jan. 2022	Google Scholar	ISBN: 978-981-19-1844-5
108	Venu Yarlagadda, G.Lakshminarayana, M.Nagajyothi, I.Neelima	Frequency Control and small signal stability Improvement with Fuzzy control based Single and two area power systems	International Conference on Advances in Electronics, Computers and Communications (ICAIECC)	10-11 Jan. 2022	Scopus	ISBN: 978-1-6654-0239-2
109	B. Devulal, M. Siva, D. Ravi Kumar, V. Rajashekar	Design and Analysis of Micro-grid Stability with Various DGs	Lecture Notes in Electrical Engineering	Vol. 893, 27 April 2022, pp. 406-414	Scopus	ISBN: 978-981-19-1741-7
110	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	SCIE	ISSN: 2213-1388

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111	Geethanjali Pandeswara, Naresh Pasula	A Comprehensive Study of Capacitive Loaded Resonant Converter Topologies for Charging Applications	Indonesian Journal of Electrical Engineering and Informatics (IJEEL)	Vol. 9, No. 4, Dec. 2021, pp. 973-982	Scopus	ISSN: 2089-3272
112	Geethanjali Pandeswara, Naresh Pasula, Geshma Kumari R	A multipurpose power supply for constant current, constant voltage, and constant power applications	Review of Scientific Instruments	Vol. 92, Nov. 2021, pp. 1-11	SCIE	ISSN: 0034-6748
113	Geethanjali Pandeswara, Naresh Pasula	Analytical Design and Modeling of Higher Order Resonant Converter based DC Power Supply for Pulser Application	International conference on computational performance evaluation	01st-03rd Dec. 2021	Scopus	ISBN:978-1-6654-3656-4
114	Geethanjali Pandeswara, Naresh Pasula	Renewable Energy Integrated Charging Stations – A move towards Ecological Vehicles	International conference for Convergence in Technology	07-09 April 2022, PP 1-5	Scopus	ISBN:978-1-6654-2168-3

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117	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
118	Venu Yarlagadda, G. Lakshminarayana, Giriprasad Ambati, Garikapati Annapurna Karthika	FFT Analysis and Power Quality Improvement in Grid Connected Solar Power Plant with MPPT Algorithm	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4

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121	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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124	Venu Yarlagadda, D.Ravi Kumar, E.Shivaprasad , 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
125	V. Yarlagadda, G. Lakshminarayana, G. Ambati, T. Nireekshana, G. A. Karthika,	Mitigation of Ferranti Effect and Voltage Control in Transmission Systems Using Fuzzy Logic Controlled SVC	International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	25-26 March 2022	Scopus	ISBN:978-1-6654-2111-9
126	V. Yarlagadda, A. K. Garikapati, L. Gadupudi, R. Kapoor and K. Veeresham	Comparative Analysis of STATCOM and SVC on Power System Dynamic Response and Stability Margins	International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	25-26 March 2022	Scopus	ISBN:978-1-6654-2111-9

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		with time and frequency responses using Modelling				
127	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	ISBN: 978-1-6654-2691-6
128	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	ISBN: 978-981-16-6407-6
129	Venu Yarlagadda, Rashmi Kapoor, G. Lakshminarayana, N. Amarnadh Reddy	Comparative Analysis of GCSC and Hybrid Compensators Influence on Power Transfer Enhancement of UHV Transmission Systems	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4

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130	Venu Yarlagadda, Rashmi Kapoor, Chava Sunil Kumar, Giriprasad Ambati	Dynamic and Transient Stability Enhancement of Multi Area Power Systems using Fuzzy Logic Control against Load Disturbances	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
131	Rashmi Kapoor, Poonam Upadhyay, Thirmal 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	ISBN:978-1-6654-2691-6
132	Venu Yarlagadda, Rashmi Kapoor, K. Veeresham, O. Sobhana	Power Flow Control and Stability Improvement of EHV and UHV Transmission and Distribution Systems with Closed Loop Control of GCSC	International Conference on Advances in Electronics, Computers and Communications (ICA ECC)	10-11 Jan. 2022	Scopus	ISBN:978-1-6654-0239-2

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133	V. Yarlagadda, A. K. Garikapati, L. Gadupudi, R. Kapoor and K. Veeresham	Comparative Analysis of STATCOM and SVC on Power System Dynamic Response and Stability Margins with time and frequency responses using Modelling	International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	25-26 March 2022	Scopus	ISBN:978-1-6654-2111-9
134	Rashmi Kapoor, Abhishek Uddaraju, K.V.V. Vyaghreshwararao	Customized Object Proposal Algorithm Based Traffic Sign Detection	International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	26-27 May 2022	Scopus	ISBN:978-1-6654-9602-5
135	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 Renewable Energy Research	Vol. 11, No. 3, Sep. 2021, pp. 992-1002	ESCI	ISSN: 1099-114X

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136	Ch. S. V. Prasad Rao, A. Pandian, Ch. Rami Reddy, A. Giri Prasad, Ahmad Alahmadi, Yasser Alharbi	A Hybrid AOSAOA Scheme Based on the Optimal Location for Electric Vehicle Parking Lots and Capacitors in a Grid to Care of Voltage Profile and Power Loss	Energies	Vol 15, Issue no. 12: 4202. pp. 1-24 , June 2022	SCIE	ISSN: 1996-1073
137	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
138	Venu Yarlagadda, Rashmi Kapoor, Chava Sunil Kumar, Giriprasad Ambati	Dynamic and Transient Stability Enhancement of Multi Area Power Systems using Fuzzy Logic Control against Load Disturbances	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
139	Venu Yarlagadda, G. Lakshminarayana, Giriprasad Ambati, Garikapati	FFT Analysis and Power Quality Improvement in Grid Connected Solar Power	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4

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	Annapurna Karthika	Plant with MPPT Algorithm				
140	Venu Yarlagadda, J. Viswanatha Rao, Giriprasad Ambati, S. N. V. Karthik Kumar, Kasala Rajesh	Integrated Voltage and Generator Stability Analysis of a Three Bus System Combining SMIB and SMLB Systems	International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE)	16-17 Dec. 2021	Scopus	ISBN: 978-1-6654-8297-4
141	Ch Rami Reddy, R. B. R. Prakash, P. Srinivasa Varma, M. Dilip Kumar, A. Giri Prasad, E. Shiva Prasad	Maximum Power Point Tracking for Permanent Magnet Synchronous Generator based Wind Park Application	INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH	Vol.12, No.2 PP 846-862, June 2022	ESCI	ISSN: 1309-0127
142	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

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/SC OPUS/ WoS/UGC/refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
143	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
144	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
145	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
146	Venu Yarlagadda, G. Sasi Kumar, R. Geshma Kumari, Giriprasad Ambati	Small Signal Stability Improvement of Phillips Heffron Model with Fuzzy Based Control and Its Comparison with PSS	Innovations in Electrical and Electronic Engineering	14-04-2022, pp. 28-40	Scopus	ISBN: 978-981-19-1676-2

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/SC OPUS/ WoS/UGC/refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
147	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
148	Venu Yarlagadda, T.Hari Priya, N. Amarnadh Reddy, Giriprasad Ambati	Transient Response and Stability Analysis of Weak Power System Using Hybrid Compensator, STATCOM and SVC: A Comprehensive Comparison	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4
149	Venu Yarlagadda , Garikapati Annapurna Karthika, Giriprasad Ambati, Chava Sunil Kumar	Wind Energy System using Self Excited Induction Generator with Hybrid FACTS Device for Load Voltage Control	3rd International conference on Electrical and Electronics Engineering (ICEEE-2022)	8-9th January 2022	Scopus	ISBN: 978-981-19-1742-4

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150	V. Yarlagadda, G. Lakshminarayana, G. Ambati, T. Nireekshana, G. A. Karthika,	Mitigation of Ferranti Effect and Voltage Control in Transmission Systems Using Fuzzy Logic Controlled SVC	International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	25-26 March 2022	Scopus	ISBN:978-1-6654-2111-9
151	Giri Prasad Ambati, Lakshmi Durga M, Poonam Upadhyay, Nireekshana T	Mitigation of Very Fast Transient Over Voltages in GIS Substation Using Switched Shunt Reactor	The International journal of analytical and experimental modal analysis	Volume XIV, Issue I, January 2022	Google Scholar	ISSN: 0886-9367
152	Harsha Vardhan, G. Radhika, N. Krishna Kumari, I. Neelima, B. Naga Swetha	Fault-Tolerant Reconfigured FBSRC Topologies for Induction Furnace with PI Controller	International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2022)	10-11 Jan. 2022	Google Scholar	ISBN: 978-981-19-1844-5
153	Palak Singh, Kandala Kalyana Srinivas, Anudeep Peddi, Bb Shabarinath, I Neelima, Kandala Aditya Bhagavathi	Artificial Intelligence based Early Detection and Timely Diagnosis of Mental Illness - A Review	International Mobile and Embedded Technology Conference (MECON)	10-11 March 2022	Scopus	ISBN:978-1-6654-2020-4

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154	Kandala Kalyana Srinivas, M. Mounika, NVLP Durga Rao, I Neelima, B. Alekhya, Kandala Aditya Bhagavathi, P A Harsha Vardhini, R Sraavanth Kumar	MACHINE LEARNING TECHNIQUES TO PREDICT, FORECAST AND DIAGNOSIS OF COVID-19	International Research Journal of Modernization in Engineering Technology and Science	Vol. 04, No. 06, June 2022, pp. 374-384	Google Scholar	ISSN: 2582-5208
155	Kandala kalyana Srinivas, D. Vijay Sai, N.Saketh, I. Neelima, B.Alekhya	Artificial Intelligence Techniques for Prevention of Cyber Attacks and Detection of Security Threats	International Journal of Engineering Research and Applications	Vol. 12, No. 6, (Series-V), June 2022, pp. 37-44	Google Scholar	ISSN: 2248-9622
156	Kandala Kalyana Srinivas, M. Sai Kaivalya, K. Srujana, I. Neelima, B. Alekhya, P.A.Harsha Vardhini	Artificial Intelligence based Prediction and Detection of Coronavirus	International Journal of Engineering Inventions	Vol. 11, No. 3, May-June 2022, pp. 678-689	Google Scholar	ISSN: 2319-6491

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1	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	Scopus	ISSN: 1756-6398
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	ESCI	ISSN: 1751-4088
3	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
4	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	ESCI	ISSN: 1751-4088

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5	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	-
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	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	Vol. 20, Jan. 2021, pp. 57-67	Google Scholar	ISBN: 978-981-15-9292-8
8	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	25 Jan. 2021	Google Scholar	ISBN: 978-981-15-8442-8

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9	KalyanSagar Kadali, R. Loganathan, M. Veerasamy, V. Jawalker	Cost-Effective Dispatch Using Grey Wolf Optimization Algorithm: Solution with Diverse Load Pattern	International Conference on System, Computation, Automation and Networking (ICSCAN)	03-04 July 2020, pp. 1-5	Scopus	ISBN: 978-1-7281-6202-7
10	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 October2020	Google Scholar	ISBN: 978-81-942685-1-2
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	Google Scholar	ISBN: 9789386954558
12	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
13	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	Google Scholar	-

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14	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
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	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	23 Jan 21	Google Scholar	ISBN: 978-981-15-9292-8
17	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

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18	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
19	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
20	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
21	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
22	T. Nireekshana, Poonam Upadhyay, J. Bhavani, N. Krishna	Comparative Analysis of Multi Objective Optimal Power Flow	Journal of Recent Trends in Electrical Power System	Volume 3 Issue 2, Aug. 2020, pp. 1-12	Google Scholar	-

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	Kumari	in Power Systems				
23	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	Vol. 700, pp. 2399-2408, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
24	Y. Venu, T. Nireekshana, S.Ravikumar, Ramavath Gnanendar, B.Phani saikrishna	Analyzing the Open Loop and Closed Loop Models of Self Excited Synchronous Machine	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
25	Y. Venu, E.Shiva Prasad, Ramavath Gnanendar, B.Phani saikrishna, S N V Karthik kumar	FVSI Based Load Stability Enhancement with Shunt Compensator	Advances in Automation, Signal Processing, Instrumentation, and Control, Springer Professional	Vol. 700, pp. 1.91-1098, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
26	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
27	Y.Venu, Ramavath Gnanendar	Optimization of Shunt Compensation for Voltage Stability Improvement Using PSO	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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28	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	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
29	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	Jan. 2021, Vol. 702, pp. 79-90	Scopus	ISBN: 978-981-15-8438-1
30	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	23 Jan 21	Google Scholar	ISBN: 978-981-15-9292-8
31	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	Google Scholar	-
32	P. Sushma Devi, D.Ravikumar, C.Kiran	Loss Minimization and Reliability Enhancement in Electrical Power Distribution	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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		Systems using Network Reconfiguration with Loss Sensitivity Factor				
33	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
34	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
35	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	-

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36	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
37	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	pp. 707-719, 31st May 2021	Google Scholar	ISBN: 978-981-16-0234-4
38	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
39	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
40	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	pp. 211-219, 31st May 2021	Google Scholar	ISBN: 978-981-16-0234-4

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41	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	Vol. 700, pp 2399-2408, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
42	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	-
43	G.Radhika, G.VenuGopal, 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
44	G.Sasi Kumar, G.Radhika, D.Ravikumar	Reduction of over current and over voltage under fault condition using an active SFCL with DG units	Advances in Clean Energy Technologies, Springer Link	pp. 707-719, 31st May 2021	Google Scholar	ISBN: 978-981-16-0234-4
45	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	Jan. 2021, Vol. 702, pp. 79-90	Scopus	ISBN: 978-981-15-8438-1

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46	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
47	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	Vol. 700, pp 2399-2408, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
48	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
49	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
50	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
51	B Ganesh Babu, M Surya Kalavathi	Hardware Implementation of Multilevel Inverter	International Conference on Sustainable Energy and Future Electric	21-23 Jan. 2021	Scopus	ISBN:978-1-7281-5681-1

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		using NR, GA, Bee Algorithms	Transportation (SEFET)			
52	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
53	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	Google Scholar	-
54	T Haripriya, B. Devulal, M. Nagajyothe	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
55	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

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56	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	-
57	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
58	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
59	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	pp. 211-219, 31st May 2021	Google Scholar	ISBN: 978-981-16-0234-4
60	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

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61	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
62	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
63	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
64	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	UGC	ISSN: 2347-7180
65	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	pp. 211-219, 31st May 2021	Google Scholar	ISBN: 978-981-16-0234-4

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66	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	SCIE	ISSN: 1748-0221
67	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
68	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
69	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

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70	B.Suneela, G. Nagi Reddy, SK Hasane Ahammad, K saikumar, Boorugu Anjan	MOLECULAR ABSORPTION IN ATOMSPHERE USING MILLIMETER WAVE COMMUNICATION	Journal of Information Technology in Industry	Vol. 9, No. 2, Apr. 2021, pp. 722-730	Google Scholar	ISSN: 2204-0595
71	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	UGC	ISSN: 2347-7180
72	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	Vol. 20, Jan. 2021, pp. 57-67	Google Scholar	ISBN: 978-981-15-9292-8
73	M.Manoharaha, 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
74	A. Giriprasad, B. Shruthi, Poonam Upadhyay, T. Nireekshana	Analysis on movement of conducting particle by varying the particle dimensions in gas insulated busduct using	Intelligent Computing in Control and Communication, Springer Link	5 Jan 21	Scopus	ISBN: 978-981-15-8438-1

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		Numerical Methods				
75	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	-
76	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
77	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
78	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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79	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	-
80	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	pp. 707-719, 31st May 2021	Google Scholar	ISBN: 978-981-16-0234-4
81	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
82	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	Jan. 2021, Vol. 702, pp. 79-90	Scopus	ISBN: 978-981-15-8438-1
83	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

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84	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	Google Scholar	-
85	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	-
86	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
87	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	23 Jan 21	Google Scholar	ISBN: 978-981-15-9292-8
88	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

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89	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
90	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
91	Amarnadh Reddy Nalamalapu, G.C. Prabhakar, Venkata Naga Swetha Kondisetti, Mounika Yegireddi	Eye Blink Detection for Coma Patients	Kala Sarovar (UGC Care Group-1 Journal)	Vol. 23, No. 02 (II) July-September 2020	UGC	ISSN:0975-4520
92	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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93	Amarnadh Reddy Nalamalapu, G.C. Prabhakar, Venkata Naga Swetha Kondiseti, Mounika Yegireddi	Eye Blink Detection for Coma Patients	Kala Sarovar (UGC Care Group-1 Journal)	Vol. 23, No. 02 (II) July-September 2020	UGC	ISSN:0975-4520
94	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
95	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
96	Kura Ranjeeth Kumar, Rajulapati Sudha, Kunta Srikanth	A Design Modification to Improve the Charge and Discharge Profile of a Super Capacitor in Electric Vehicles	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 9, No. 2, pp. 691-694, Jul. 2020	Google Scholar	ISSN: 2277-3878
97	Kura Ranjeeth Kumar, Rajulapati Sudha, Kunta Srikanth	A Design Modification to Improve the Charge and Discharge Profile of a Super	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 9, No. 2, pp. 691-694, Jul. 2020	Google Scholar	ISSN: 2277-3878

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		Capacitor in Electric Vehicles				
98	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	-
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100	Y. Venu, T. Nireekshana, S.Ravikumar, Ramavath Gnanendar, B.Phani saikrishna	Analyzing the Open Loop and Closed Loop Models of Self Excited Synchronous Machine	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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103	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	-
104	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
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106	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
107	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
108	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	Vol. 700, 05th Mar. 2021	Scopus	ISBN: 978-981-15-8220-2
109	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	-
110	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	-

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112	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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1	A. Bhakthavachala, S. Tarakalyani, 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
2	A. Bhakthavachala, S. Tarakalyani, 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
3	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	ESCI	ISSN: 1751-4096
4	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	SCIE	ISSN: 0363907X
5	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

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6	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
7	Ravindranath Tagore Yadlapalli, Anuradha Kotapati	Modelling, design and implementation of quadratic buck converter for low power applications	International Journal of Power Electronics	Vol. 11, No. 3, 19 March 2020, pp. 322-338	Scopus	ISSN: 1756-6398
8	Bhakthavachala.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
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	M. Srikanth ,B. Pakkiraiah ,Poonam Upadhyay, S. Tara Kalyani	Dual-Mode Photovoltaic Bidirectional Inverter Operation for Seamless Power Transfer to DC and AC	International Journal of Photoenergy	Vol. 2019, 16 Dec 2019	SCIE	ISSN: 1110-662X

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		Loads with the Grid Interface				
11	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
12	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	Advances in Decision Sciences, Image Processing, Security and Computer Vision	Vol. 4, Dec. 2019, pp. 470-480	Google Scholar	ISBN: 978-3-030-24317-3
13	Poonam Upadhyay, B. Vamshi Ram	N-2 Contingency Screening and Ranking of an IEEE Test System	Lecture Notes on Data Engineering and Communications Technologies	November 2019, Vol. 35, pp. 109-116	Scopus	ISBN: 978-3-030-32149-9
14	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

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15	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
16	J. Viswanatha Rao, G. Lakshminarayana	Estimation and Moderation of Harmonics in Distribution Systems	Intelligent Manufacturing and Energy Sustainability (Springer)	Mar. 2020, pp. 353-360	Scopus	ISBN: 978-981-15-1615-3
17	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
18	V. Ramesh Babu, A. Ganapathi	Low Voltage Ride Through Capability Enhancement of Axial Flux Induction Generator-Based Wind Energy Conversion System	Innovations in Electrical & Electronics Engineering, Springer	Vol. 626, 24 Mar. 2020, pp. 405-416	Scopus	ISBN: 978-981-15-2255-0

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19	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	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
20	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
21	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	Springer Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City Applications. AISGSC	13-03-2020, pp. 131-144	Google Scholar	ISBN: 978-3-030-24051-6
22	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

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23	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
24	Venu Yarlagadda, 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	B.Neelakanteshwar Rao, Perka Krishna, Venu Yarlagadda	Mitigation of Photovoltaic Solar System Harmonics using Shunt Active Power Filter	International Conference on Computing Methodologies and Communication (ICCMC 2020)	11-13 Mar. 2020	Scopus	ISBN:978-1-7281-4889-2
26	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
27	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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28	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	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
29	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	Springer Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City Applications. AISGSC	13-03-2020, pp. 131-144	Google Scholar	ISBN: 978-3-030-24051-6
30	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
31	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	Vol. 9, No. 3S2, Jan. 2020, pp. 24-28	Google Scholar	ISSN: 2278-3075

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33	Dr.G.Radhika, Dr.M.Suryakalavathi, D.Nagendra Prasanna	Transmission Line Fault Analysis and Classification Using PSCAD/EMTDC	Emerging Trends in Mechanical, Computing and Electrical Science	Nov. 2019, pp. 279-295	Google Scholar	ISBN: 978-81-941281-8-2
34	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
35	T Haripriya, Aivelu M. Parimi	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
36	T Haripriya, Aivelu M. Parimi	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

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37	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
38	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
39	M. Naga Jyothi, C. V. K. Bhanu, CH. Ramya	Calculation of VFTO and VFTC in the 550 kV GIS with Mitigation Techniques	Innovations in Electrical and Electronics Engineering (Springer)	24th March 2020	Scopus	ISBN: 978-981-15-2256-7
40	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
41	O. Sobhana, V. Ganesh, M. Surya kalavathi	Simulative Experiment of Major and Minor Inter-Turn Short Circuit Faults in Power Transformer Windings	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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42	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
43	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
44	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
45	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
46	B.V.seshu Kumari, Giri Prasad, Somula Ramasubbar eddy, 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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47	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
48	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
49	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
50	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	Volume-9 Issue-3S2, January 2020	Google Scholar	ISSN: 2278-3075
51	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	Scopus	ISSN: 0193-4120

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52	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
53	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
54	J. Viswanatha Rao, G. Lakshminarayana	Estimation and Moderation of Harmonics in Distribution Systems	Intelligent Manufacturing and Energy Sustainability (Springer)	Mar. 2020, pp. 353-360	Scopus	ISBN: 978-981-15-1615-3
55	Neelakanteswar 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	SCIE	ISSN: 1532-5008
56	B. Neelakanteswar Rao, Perka Krishna, Venu Yarlagadda	Mitigation of Photovoltaic Solar System Harmonics using Shunt Active Power Filter	International Conference on Computing Methodologies and Communication (ICCMC 2020)	11-13 Mar. 2020	Scopus	ISBN: 978-1-7281-4889-2
57	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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58	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	Google Scholar	ISSN: 2278-3075
59	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
60	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	Scopus	ISSN: 0193-4120
61	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
62	M. Rama Subbamma, V. Madhusudhan, P. Sujatha	Design and Analysis of 4 Kw Srm Drive for AirConditioned Pwm Rectifier and Buck-Boost Pfc Converter	International Journal of Engineering and Advanced Technology (IJEAT)	Vol. 9, No. 1, Oct. 2019, pp. 1344-1352	Scopus	ISSN: 2249-8958
63	S. Khadarvali, Dr. V. Madhusudha	Differential Game Theory with ALO Control	International Journal of Advanced Science and Technology	Vol. 29, No.4, Mar. 2020, pp. 608-614	Scopus	ISSN: 2005-4238

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	n, Dr. R. Kiranmayi	in Multi-Area Power System				
64	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 (IJPEDS)	Vol. 11, No. 1, March 2020, pp. 302-0308	Google Scholar	ISSN: 2088-869

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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	SCIE	ISSN: 0360-3199
3	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	-
4	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
5	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 & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 215-220	Scopus	ISSN: 2227-524X

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6	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
7	B.Vamshi Ram, Poonam Upadhyay, G.Radhika	N-2 Contingency Analysis of an IEEE 14 bus system using MI Power	International Journal of Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 211-214	Scopus	ISSN: 2227-524X
8	Manikandan Subramanian,Sasitharan Subramanian,Moorthy Veeraswamy, Viswanatha Rao Jawalkar	Optimal reconfiguration/distributed generation integration in distribution system using adaptive weighted improved discrete particle swarm optimization	COMPEL-The international journal for computation and mathematics in electrical and electronic engineering	Vol. 38, No. 1, July 2018, pp.247-262	SCIE	ISSN: 0332-1649
9	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
10	B.Madhuri,M .Ranjit,V.Ramesh Babu,J.Srinivasa Rao	Comparative analysis of scalar based SVPWM techniques for open end winding induction	International Journal of Engineering and Technology	Vo. 7, No. 3, 2018, pp. 329-335	Scopus	ISSN: 2227-524X

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11	S.Vijayarama Rao V.Ramesh Babu	Dynamic Modeling of Axial flux Permanent Magnet Synchronous Generator based Wind Turbine connected to Grid with SL Z-Source Inverter	International Journal of Applied Engineering Research	Vol. 13, No. 10, 2018, pp. 49-54	Scopus	ISSN 0973-4562
12	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 & Technology	Vol. 7, No. 3, 2018, pp. 597-603	Scopus	ISSN: 2227-524X
13	K.Renu, N.Krishna Kumari, D.Ravi Kumar	Comparison between position-encoder and position-sensorless vector control of High Speed	IEEE Proceedings	14-16 Dec. 2018	Scopus	ISBN: 978-1-5386-6159-8

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		PMSM with Flux Weakening Operation				
14	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
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16	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	Scopus	ISBN: 978-1-7281-0167-5
17	Rishyendra kiran Y, Srinivasa rao Jalri	Performance Analysis of Multilevel Inverter for Different Pulse width Modulation Techniques	International Journal of Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 207-210	Scopus	ISSN: 2227-524X

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19	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
20	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
21	R.Deekshit Kumar,G.Sasi Kumar,Dr.D. Ravi Kumar	Modeling and simulation of dynamic voltage restorer (DVR) to improve	International Journal of Management, Technology and Engineering	Vol. 8, No. 10, Oct. 2018, pp. 918-923	Google Scholar	ISSN: 2249-7455

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		power quality				
22	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
23	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
24	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
25	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

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26	Goru Radhika, Dr. M. Suryakalavathi, D. Rohith kumar	Design and Experimental Analysis of a Cascaded Voltage Multiplier for High Voltage Testing	International Journal of Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 186-191	Scopus	ISSN: 2227-524X
27	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
28	Hari Priya T Alivelu M. Parimi	Hybrid controller topology for large solar PV installations in high-voltage DC grid-connected applications	Electrical Engineering	Vol. 100, No. 4, Dec. 2018, pp. 2537-2552	SCIE	ISSN: 1432-0487
29	M. Sunil Kumar, Hari Priya T	Multi-input Transformer Coupled 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
30	T. Hari Priya, Alivelu M. Parimi	Energy Management System for PV—Wind and Battery-Fed DC Microgrid Using Fuzzy-Based Proportional	Applications of Computing, Automation and Wireless Systems in Electrical Engineering	pp. 1201-1211, 01 June 2019	Scopus	ISBN: 978-981-13-6771-7

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		Integral Controller				
31	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 & Technology	Vol. 7, No. 3, Aug. 2018	Scopus	ISSN: 2227-524X
32	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	-
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34	M.Sravan Kumar,B.Ganesh Babu	MODELLING AND SIMULATION OF HYBRID PHOTOVOLTAIC AND WIND ENERGY SYSTEMS USING FUZZY LOGIC CONTROLLER	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 5, No. 10, Oct. 2018, pp. 45-52	Google Scholar	ISSN-2349-5162

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35	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
36	M.Ranjit,T.Bramahananda 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
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38	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
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41	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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43	B.Madhuri, D.S.G.Krishna	Discrete Time model of Coupled Inductor based Bidirectional DC-DC	Fifth International Conference on Electrical Energy Systems (ICEES 2019)	21- 22 February 2019	Scopus	ISBN: 978-1-5386-9249-3

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44	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
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46	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
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49	E.Ramu,O.Sobhana	Standalone PV system with Fuzzy MPPT controller	International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE)	27-28 July 2018	Scopus	ISBN: 978-1-5386-5995-3
50	B. Sharadvithi, P. Naresh	Interfacing of Novel Analog Voltage Feedback Circuit with Resonant Converter based DC-DC Converter	5th International Conference for Convergence in Technology	29-31 Mar. 2019, pp. 1-5	Scopus	ISBN: 978-1-5386-8075-9
51	Rani Sandhya, Rashmi Kapoor	A Novel Modified P-Q Theory to Control PV-UPQC under Power Quality Issues in Distribution System	Asian Journal of Convergence in Technology	pp. 1-12 Volume 13, Number 10, 2018	Google Scholar	ISSN: 2350-1146
52	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

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53	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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55	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 communication Technologies	13-14 July 2018	Google Scholar	-
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59	G.Sasi Kumar, Dr.S.Sarat Kumar, Dr.S.V.Jayar am Kumar	DG Placement Using Loss Sensitivity Factor Method for Loss Reduction and Reliability Improvement in Distribution System	International Journal of Engineering & Technology	Vol. 7, No. 4.22, Aug. 2018, pp. 236-240	Scopus	ISSN: 2227-524X
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62	R.Deekshit Kumar,G.Sasi Kumar,Dr.D. Ravi Kumar	Modeling and simulation of dynamic voltage	International Journal of Management, Technology and Engineering	Vol. 8, No. 10, Oct. 2018, pp. 918-923	Google Scholar	ISSN: 2249-7455

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64	Akhila Chilakala,B. Neelakanteshwar 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
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66	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
67	Devulal.B, Venkata veeranjanyulu.I	Design and Modelling of DC-DC Converter with Golden Section Search Based	International Journal of Management, Technology And Engineering	Vol. 9, Issue 6, Jun. 2019, pp. 4071-4077	Google Scholar	ISSN : 2249-7455

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69	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	Scopus	ISBN:978-1-5386-8113-8
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73	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
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81	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
82	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 & Technology	Vol. 7, No. 3, 2018, pp. 329-335	Scopus	ISSN: 2227-524X