



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Department of Electrical and Electronics Engineering

List of Journal Publications

Sno	Title of paper	Name of the author/s	Name of journal	Year of publication	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/ Web of Science/other, mention	AY
1	A Robust Fractional-Order PID Controller Based Load Frequency Control Using Modified Hunger Games Search Optimizer	Fathy, Ahmed, Dalia Yousri, Hegazy Rezk, Sudhakar Babu Thanikanti, and Hany M. Hasanien	Energies	2022	https://www.mdpi.com/1996-1073/15/1/361	Scopus	2021-22
2	A Novel Array Configuration Technique for Improving the Power Output of the Partial Shaded Photovoltaic System	Cherukuri, Santhan Kumar, B. Praveen Kumar, K. Kalyan Raj, S. Muthubalaji, Ghanta Devadasu, Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	IEEE Access	2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9698237	SCI	2021-22

3	Ancient Chinese magic square-based PV array reconfiguration methodology to reduce power loss under partial shading conditions	Pachauri, Rupendra Kumar, Sudhakar Babu Thanikanti, Jianbo Bai, Vinod Kumar Yadav, Belqasem Aljafari, Santosh Ghosh, and Hassan Haes Alhelou	Energy Conversion and Management	2022	https://www.sciencedirect.com/science/article/abs/pii/S0196890421013248?via%3Dihub	SCI	2021-22
4	A New Multi-Output DC-DC Converter for Electric Vehicle Application	. Dhananjaya, M. U. D. A. D. L. A., P. Devendra, Thanikanti Sudhakar Babu, Belqasem Aljafari, and Hassan Haes Alhelou	IEEE Access	2022	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9712317	SCI	2021-22
5	A Practical Approach for Predicting Power in a Small-Scale Off-Grid Photovoltaic System using Machine Learning Algorithms	Patel, Aadyasha, O. V. Swathika, Umashankar Subramaniam, T. Sudhakar Babu, Alok Tripathi, Samriddha Nag, Alagar Karthick, and M. Muhibbullah	International Journal of Photoenergy	2022	https://downloads.hindawi.com/journals/ijp/2022/9194537.pdf	Scopus	2021-22
6	Charge Scheduling Optimization of Plug-In Electric Vehicle in a PV Powered Grid-Connected Charging Station Based on Day-Ahead Solar Energy Forecasting in Australia	Sheik Mohammed S, Femin Titus, Sudhakar Babu Thanikanti, Sulaiman S. M, Sanchari Deb, and Nallapaneni Manoj Kumar	Sustainability	2022	https://www.mdpi.com/2071-1050/14/6/3498	Scopus	2021-22
7	Recent approach based heterogeneous comprehensive learning Archimedes optimization algorithm for identifying the optimal parameters of different fuel cells	Fathy, Ahmed and Babu, Thanikanti Sudhakar and Abdelkareem, Mohammad Ali and Rezk, Hegazy and Yousri, Dalia	Energy	2022	https://www.sciencedirect.com/science/article/abs/pii/S036054422200490X?via%3Dihub	SCI	2021-22

8	Design, development, and performance testing of thermal energy storage based solar dryer system for seeded grapes	Gopinath, G. R., S. Muthuvel, M. Muthukannan, R. Sudhakarapandian, B. Praveen Kumar, Ch Santhan Kumar, and Sudhakar Babu Thanikanti	Sustainable Energy Technologies and Assessments	2022	https://www.sciencedirect.com/science/article/abs/pii/S2213138821009371?via%3Dihub	SCI	2021-22
9	Simulation and investigation of MEMS bilayer solar energy harvester for smart wireless sensor applications	Ram, G. D., Kumar, S. P., Yuvaraj, T., Babu, T. S., & Balasubramanian, K	Sustainable Energy Technologies and Assessments	2022	https://www.sciencedirect.com/science/article/abs/pii/S2213138822001540?via%3Dihub	SCI	2021-22
10	Managing the exchange of energy between microgrid elements based on multi-objective enhanced marine predators algorithm	Yousri, Dalia, Ahmed Ousama, Ahmed Fathy, Thanikanti Sudhakar Babu, and Dalia Allam	Alexandria Engineering Journal	2022	https://reader.elsevier.com/reader/sd/pii/S1110016822000965?token=83965DC61BD2A6FECE025B7DA4263F46ECFC0F531B1A0600290B97629B1B7C6EB69F64BD238FE4BFB1B44DD8364E62F2&originRegion=eu-west-1&originCreation=20220325061017	SCI	2021-22
11	Modeling of Patterns with Spectral Data and Time-Varying PSO to Identify Concealed Character Strokes of Historical Manuscripts	Ch.Venkata Krishna Reddy1 , T.R.Vijaya Lakshmi	Lecture Notes in Networks and Systems	2022	https://link.springer.com/chapter/10.1007/978-981-16-5348-3_37	Scopus	2021-22
12	Review of the Estimation Methods of Energy Consumption for Battery Electric Buses	Ali Saadon Al-Ogaili; Ali Q. Al-Shetwi; Hussein M. K. Al-Masri; Thanikanti Sudhakar Babu; Yap Hoon; Khaled Alzaareer; N. V. Phanendra Babu	Energies	2022	https://www.mdpi.com/1996-1073/14/22/7578	Scopus	2021-22

13	Multi-objective Stochastic Volt/VAR Optimization in AC-DC Hybrid Distribution Network Considering Soft Open Point	Vijay Babu Pamshetti, V V S N Murty, S P Singh and Ashwani Kumar	Lecture Notes in Electrical Engineering book series	2022	https://link.springer.com/chapter/10.1007/978-981-16-7472-3_23	Scopus	2021-22
14	Optimal Power Flow Solution Using Ameliorated Ant Lion Optimization Algorithm	M Balasubbareddy	International Journal of Mechanical Engineering	2022	https://kalaharijournals.com/resources/281-300/IJME_Vol7.1_289.pdf	Scopus	2021-22
15	Multi carrier IPD-PWM Technique for Three Phase Diode Clamped and Cascaded H-Bridge Multilevel Inverters	P.Kowstuuba,	AEGAEU M Journal	2021	https://drive.google.com/file/d/1YogMyTJtlggL0pUaIhY9U-m5fqOleaZ7/view	UGC Care	2020-21
16	Solid-State Transformers: Fundamentals, Topologies, Applications, and Future Challenges	Khan, Saniya, Khaliqur Rahman, Mohd Tariq, Salman Hameed, Basem Alamri, and Thanikanti Sudhakar Babu	Sustainability	2021	https://www.mdpi.com/2071-1050/14/1/319	Scopus	2021-22

17	Performance Enhancement of Partial Shaded Photovoltaic System With the Novel Screw Pattern Array Configuration Scheme	Kumar, B. Praveen, Santhan Kumar Cherukuri, Kalyan Raj Kaniganti, N. Karuppiah, Rathinam Muniraj, Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9663388	SCI	2021-22
18	Review of the Estimation Methods of Energy Consumption for Battery Electric Buses	Al-Ogaili, Ali Saadon, Ali Q. Al-Shetwi, Hussein MK Al-Masri, Thanikanti Sudhakar Babu, Yap Hoon, Khaled Alzaareer, and N. V. Babu	Energies	2021	https://www.mdpi.com/1996-1073/14/22/7578/htm	Scopus	2021-22
19	An Enriched RPCO-BCNN Mechanisms for Attack Detection and Classification in SCADA Systems	Shitharth, S., Kantipudi Mvv Prasad, K. Sangeetha, Pravin R. Kshirsagar, Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9618916	SCI	2021-22
20	A robust parameter estimation approach based on stochastic fractal search optimization algorithm applied to solar PV parameters	Rezk, Hegazy, Thanikanti Sudhakar Babu, Mujahed Al-Dhaifallah, and Hamdy A. Ziedan	Energy Reports	2021	https://www.sciencedirect.com/science/article/pii/S2352484721000251?via%3Dihub	SCI	2021-22

21	Electric buses in malaysia: Policies, innovations, technologies and life cycle evaluations	Al-Ogaili, Ali Saadon, Ali Q. Al-Shetwi, Thanikanti Sudhakar Babu, Yap Hoon, Majid A. Abdullah, Ameer Alhasan, and Ammar Al-Sharaa	Sustainability	2021	https://www.mdpi.com/2071-1050/13/21/11577	Scopus	2021-22
22	Induction Heating in Domestic Cooking and Industrial Melting Applications: A Systematic Review on Modelling, Converter Topologies and Control Schemes	Vishnuram, Pradeep, Gunabalan Ramachandiran, Thanikanti Sudhakar Babu, and Benedetto Nastasi	Energies	2021	https://www.mdpi.com/1996-1073/14/20/6634	Scopus	2021-22
23	Impact of Uneven Shading by Neighboring Buildings and Clouds on the Conventional and Hybrid Configurations of Roof-Top PV Arrays	Satpathy, Priya Ranjan, Thanikanti Sudhakar Babu, Sathish Kumar Shanmugam, Lakshman Naik Popavath, and Hassan Haes Alhelou	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9562509	SCI	2021-22

24	Bypass Diodes Configurations for Mismatch Losses Mitigation in Solar PV Modules	Satpathy, Priya Ranjan, Pritam Bhowmik, Thanikanti Sudhakar Babu, Renu Sharma, and Chiranjit Sain	Innovation in Electrical Power Engineering, Communication, and Computing Technology	2021	https://link.springer.com/chapter/10.1007/978-981-16-7076-3_18	Scopus	2021-22
25	A New Alternate Method to Reuse Rehashed Edible Oil for the Betterment of Society-Dual Benefit Approach in Photovoltaic Modules	David, Prince Winston, Karthikeyan Ganesan, Palpandian Murugesan, Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9536961	SCI	2021-22
26	A reliable approach for modeling the photovoltaic system under partial shading conditions using three diode model and hybrid marine predators-slime mould algorithm	Yousri, Dalia, Ahmed Fathy, Hegazy Rezk, Thanikanti Sudhakar Babu, and Mohamed R. Berber	Energy Conversion and Management	2021	https://www.sciencedirect.com/science/article/abs/pii/S0196890421004453?via%3Dihub	SCI	2021-22

27	Sensor angle-based control strategy and dynamic analysis of a sinusoidal pulse width modulation-operated permanent magnet synchronous machine drive for electric propulsion unit	Sain, Chiranjit, Atanu Banerjee, Pabitra Kumar Biswas, Sudhakar Babu Thanikanti, and Chitti Babu Baladhanautham	International Transactions on Electrical Energy Systems	2021	https://onlinelibrary.wiley.com/doi/epdf/10.1002/2050-7038.13090	Scopus	2021-22
28	Power enhancement in partial shaded photovoltaic system using spiral pattern array configuration scheme	Cherukuri, Santhan Kumar, Praveen Kumar Balachandran, Kalyan Raj Kaniganti, Madhu Kiran Buddi, , Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9526593	SCI	2021-22
29	Scenario-based investigation on the effect of partial shading condition patterns for different static solar photovoltaic array configurations	Nazer, Mohammad Nor Rafiq, Abdulfattah Noorwali, Mohammad Faridun Naim Tajuddin, Mohammad Zubair Thanikanti Sudhakar Babu, Nur Hafizah Ghazali, Chinmay	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9514534	SCI	2021-22

30	Single Source Multi-Frequency AC-AC Converter for Induction Cooking Applications	Vishnuram, Pradeep, Suchitra Dayalan, Sudhakar Babu Thanikanti, Karthik Balasubramanian, and Benedetto Nastasi	Energies	2021	https://www.mdpi.com/1996-1073/14/16/4799	Scopus	2021-22
31	Different Control Mechanisms of a PMSM Drive for Electrified Transportation—A Survey	Sain, Chiranjit, Atanu Banerjee, Pabitra Kumar Biswas, Sudhakar Babu Thanikanti, and Karthik Balasubramanian	Communication and Control for Robotic Systems	2021	https://link.springer.com/chapter/10.1007/978-981-16-1777-5_25	SCI	2021-22
32	A Comprehensive Survey on Different Control Strategies and Applications of Active Power Filters for Power Quality Improvement	Das, Soumya Ranjan, Prakash Kumar Ray, Arun Kumar Sahoo, Somula Ramasubbareddy, Thanikanti Sudhakar Babu, Nallapaneni Manoj Kumar, Rajvikram Madurai Elavarasan, and Lucian Mihet-Popa	Energies	2021	https://www.mdpi.com/1996-1073/14/15/4589	Scopus	2021-22

33	L-shape propagated array configuration with dynamic reconfiguration algorithm for enhancing energy conversion rate of partial shaded photovoltaic systems	Srinivasan, A., S. Devakirubakaran, B. Meenakshi Sundaram, Santhan Kumar Cherukuri, D. Prince Winston, Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9474476	SCI	2021-22
34	Power Losses Reduction of Solar PV Systems Under Partial Shading Conditions Using Re-Allocation of PV Module-Fixed Electrical Connections	Pachauri, Rupendra Kumar, Isha Kansal, Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	IEEE Access	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9469762	SCI	2021-22
35	Empowering smart grid: A comprehensive review of energy storage technology and application with renewable energy integration	Tan, Kang Miao, Thanikanti Sudhakar Babu, Vigna K. Ramachandaramurthy, Padmanathan Kasinathan, Sunil G. Solanki, and Shangari K. Raveendran	Journal of Energy Storage	2021	https://www.sciencedirect.com/science/article/abs/pii/S2352152X21003340?via%3Dihub	SCI	2021-22
36	Optimal Combined-Coordination of Overcurrent and Distance Relays Using Jaya Algorithm	Saptarshi Roy, P. Suresh Babu, and N. V. Phanendra Babu	Algorithms for Intelligent Systems	2021	https://link.springer.com/chapter/10.1007/978-981-16-3246-4_25	Scopus	2021-22

37	Comparison of Analytical and Software Based Design of Energy Efficient Induction Motor	Sai Kishore, Umakanta Choudhury, G. Suresh Babu, T. Murali Krishna	International Journal for Research in Applied Science & Engineering Technology	2021	https://www.ijraset.com/fileservice.php?FID=37178	UGC Care	2021-22
38	Multi-Motor Condition Monitoring System Using IoT	K. Krishnaveni, Raga Batta Sowmya.D, Rahul.B, Ranadheer.K	Proteus Journal(Multidisciplinary Journal)	2021	http://www.proteusresearch.org/gallery/2-april2021.pdf	UGC Care	2020-21
39	Assessment and Evaluation of Professional Skills in Engineering Education”	K. Krishnaveni	Journal of Interdisciplinary Cycle Research	2021	https://drive.google.com/file/d/1hpOC3wvtjLXQ61UM-VhReieCCEied-Ye/view	UGC Care	2020-21
40	Implementation Of Iot Controlled Portable Cooler Using Renewable Energy	K. Krishnaveni S.Yoganand Sagar G.Akhil Reddy, D.Ruchidhar,	PROTEUS JOURNAL	2021	http://proteusresearch.org/gallery/4-june2021afgh.pdf	UGC Care	2020-21

41	Alternative Approaches for Laboratory Learning and Assessment in Engineering Education - Open Source Alternatives	K. Krishnaveni, M. Swamy Das, G. Suresh Babu, T. Murali Krishna and N. Vasantha Gowri	International Journal of Electrical Engineering and Technology (IJEET)	2021	https://iaeme.com/Home/article_id/IJEET_12_06_021	Scopus	2020-21
42	Performance Comparison of DSTATCOM with PI and PSO-PI Controller under Nonlinear Load Condition	S. R. Reddy, P. V. Prasad and G. N. Srinivas	CPRI Journal	2021	http://cprijournal.in/index.php/rj/article/view/153673	UGC Care	2020-21
43	Adaptive Neuro Fuzzy Inference System Controller for Islanded Microgrid under Nonlinear Load Conditions”	G. Suresh Babu,A. Venkat Rao, C. Sharath Chandra, T. Murali Krishna	International Journal of Electrical Engineering and Technology (IJEET)	2021	https://iaeme.com/Home/article_id/IJEET_12_06_041	Scopus	2020-21
44	Development and Testing of 2G High Temperature Superconducting (HTS) Field Coils for HTS Synchronous Machines	Bathula VM, Sharma DK, Choudhury UK, Rao V V	Journal of Electrical Engineering & Technology	2021	https://link.springer.com/article/10.1007/s42835-021-00708-6	Scopus	2020-21

45	Performance evaluation of different structures of power system stabilizers,	M. Balasubbareddy, G. V. K. Murthy, K. Sowjan Kumar,	International Journal of Electrical and Computer Engineering (IJECE)	2021	http://ijece.iaescore.com/index.php/IJECE/article/view/17606	Scopus	2020-21
46	A Novel Power quality conditioner with UPQC	M. Balasubbareddy, P. Venkata Prasad, Saini Varshini,	GIS Science Journal	2021	https://drive.google.com/file/d/1Izlw4lcScSAE09E7laCCBIW4S9qQ6HcU/view	UGC Care	2020-21
47	Single Objective Power Flow Problem Analysis Using HCSA with IPFC”	M Balasubbareddy	AEGAEU M JOURNAL	2021	http://aegaeum.com/gallery/agm.j-4536.04-f.pdf	UGC Care	2020-21
48	Deep Learning Based Optimal Dc Microgrid System with IRNSS Synchronization	M Balasubbareddy,	AEGAEU M JOURNAL	2021	http://aegaeum.com/gallery/agm.j-4537.05-f.pdf	UGC Care	2020-21
49	Multi-objective optimal power flow using NSGSA with IPFC	M. Balasubbareddy	Aegaeum Journal	2021	http://aegaeum.com/gallery/agm.j-4542.06-f.pdf	UGC Care	2020-21
50	Power Quality Improvement using Fuzzy Logic Controller Based UPQC	M. Balasubbareddy	Proteus Journal	2021	http://www.proteusresearch.org/gallery/1-june2021.pdf	UGC Care	2020-21

51	Modelling Simulation of Feedback based Linear Electromechanical Actuator”	K.Sindu Priya, B.Suresh Kumar , and S. Praveena	Turkish Journal of Computer and Mathematics Education	2021	https://turcomat.org/index.php/turkbilmcat/article/view/1109	UGC Care	2020-21
52	Lithium-Ion Battery: Charging and Discharging Modes	B. Suresh Kumar, S.Praveena	Gradiva Review Journal	2021	https://drive.google.com/file/d/1QwkiSzkjgqbRFwgl0RT0_JuOyKssPiib/view	UGC Care	2020-21
53	Performance Comparison of BLDC Motor Based on Conventional And Motor Based On Conventional And Expert Controllers	T. Murali Krishna, N. Vasantha Gowri, G. Suresh Babu,C.Harish,N.V.Phanindra Babu,B.Akshitha	International Journal of Electrical Engineering and Technology	2021	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_12_ISSUE_6/IJEET_12_06_020.pdf	Scopus	2020-21
54	Modelling and Development of Controller for BLDC Motor	T. Murali Krishna, N. Vasantha Gowri, G. Suresh Babu, B. Akshita, Garv Agarwal and Mahesh Netha	IJEET	2021	https://iaeme.com/Home/article_id/IJEET_12_06_019	UGC Care	2020-21
55	A New Hybrid Control Scheme for Seven-level Asymmetric Cascaded H-bridge Multilevel Inverter	P.Kowstubha, K.Krishnaveni, Bandela Supriya, C.Mahesh,	Journal of Interdisciplinary Cycle Research	2021	https://drive.google.com/file/d/1JEQAOie_3OvU9zjyx2kaNXMSMcBa3hNL/view	UGC Care	2020-21

56	Enhanced Marine Predators Algorithm for identifying static and dynamic Photovoltaic models parameters.	Abd Elaziz, Mohamed, Sudhakar Babu Thanikanti, Ibrahim Anwar Ibrahim, Songfeng Lu, Benedetto Nastasi, Majed A. Alotaibi, Md Alamgir Hossain, and Dalia Yousri.	Energy Conversion and Management	2021	https://www.sciencedirect.com/science/article/abs/pii/S0196890421001473#!	SCI	2020-21
57	Field Oriented Control for Induction Motor in Electric Vehicle Applications,	P.Kowstuuba	Journal of Science, Technology and Development	2021	http://journalstd.com/gallery/11-june2021.pdf	UGC Care	2020-21
58	Power System Resiliency and Wide Area Control Employing Deep Learning Algorithm	PandiaRajan Jeyaraj, Aravind ChellachiKathiresan, Siva Prakash Asokan, Edward Rajan Samuel Nadar, HegazyRezk, and Thanikanti Sudhakar Babu.	Computers, Materials & Continua Tech Science Press	2021	https://www.techscience.com/cm/v68n1/41808	Scopus	2020-21
59	Efficient fractional-order modified Harris hawks optimizer for proton exchange membrane fuel cell modeling	Yousri, Dalia, SeyedaliMirjalili, JA Tenreiro Machado, Sudhakar Babu Thanikanti, and Ahmed Fathy.	Engineering Applications of Artificial Intelligence	2021	https://www.sciencedirect.com/science/article/abs/pii/S0952197621000403#!	SCI	2020-21

60	Self-Controlled PMSM Drive Employed in Light Electric Vehicle-Dynamic Strategy and Performance Optimization	Sain, Chiranjit, Pabitra Kumar Biswas, PriyaRanjanSatpathy, Thanikanti Sudhakar Babu, and Hassan HaesAlhelou.	IEEE	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9402737	SCI	2020-21
61	A Recurrent Reward Based Learning Technique for Secure Neighbor Selection in Mobile AD-HOC Networks	Sankaran, K. Sakhidasan, N. Vasudevan, K. R. Devabalaji, Thanikanti Sudhakar Babu, Hassan HaesAlhelou, and T. Yuvaraj	IEEE	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9337807	SCI	2020-21
62	"An Effective Salp Swarm Based MPPT for Photovoltaic Systems Under Dynamic and Partial Shading Conditions	Jamaludin, MohdNasrulIzzani, Mohammad FaridunNaim Tajuddin, Jubaer Ahmed, Azralmukmin Azmi, SyahrulAshikin Azmi, Nur Hafizah Ghazali, Thanikanti Sudhakar Babu, and Hassan HaesAlhelou.	IEEE	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9358151	SCI	2020-21

63	Firefly Algorithm-Based Photovoltaic Array Reconfiguration for Maximum Power Extraction during Mismatch Conditions	Nazeri, Mohammad Nor Rafiq, Mohammad FaridunNaim Tajuddin, Thanikanti Sudhakar Babu, Azralmukmin Azmi, Maria Malvoni, and Nallapaneni Manoj Kumar	Sustainability	2021	https://www.mdpi.com/2071-1050/13/6/3206	Scopus	2020-21
64	Converter/Inverter Topologies for Standalone and Grid-Connected PV Systems	Sudhakar Babu Thanikanti, Dalia Yousri, Dalia Allam, M. B. Etebia, Karthik Balasubramanian.	Renewable Energy and Future Power Systems, Springer Singapore	2021	https://www.springerprofessional.de/en/converter-inverter-topologies-for-standalone-and-grid-connected-/19012224	Scopus	2020-21
65	Empowering smart grid: A comprehensive review of energy storage technology and application with renewable energy integration.	Tan, Kang Miao, Thanikanti Sudhakar Babu, Vigna K. Ramachandaramurthy, PadmanathanKasinathan, Sunil G. Solanki, and Shangari K. Raveendran.	Journal of Energy Storage	2021	https://www.sciencedirect.com/science/article/abs/pii/S2352152X21003340	SCI	2020-21

66	Development of Control Techniques using Modified Fuzzy Based SAPF for Power Quality Enhancement.	Thentral, TM Thamizh, K. Vijayakumar, S. Usha, R. Palanisamy, Thanikanti Sudhakar Babu, Hassan HaesAlhelou, and Amer Al-Hinai.	IEEE	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9422697	SCI	2020-21
67	"A New Ken-Ken Puzzle Pattern Based Reconfiguration Technique for Maximum Power Extraction in Partial Shaded Solar PV Array	Palpandian, Murugesan, David Prince Winston, Balachandran Praveen Kumar, CherukuriSanthan Kumar, Thanikanti Sudhakar Babu, and Hassan HaesAlhelou.	IEEE	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9419048	SCI	2020-21
68	A TCT-SC Hybridized Voltage Equalizer for Partial Shading Mitigation in PV Arrays	Satpathy, PriyaRanjan, Sudhakar BabuThanikanti, Ali HOUSEIN Mahmoud, Renu Sharma, and Benedetto Nastasi.	IEEE	2021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9453191	SCI	2020-21
69	Estimating the Optimal Parameters of Solid Oxide Fuel Cell-based Circuit Using Parasitism-Predation Algorithm	Dalia Yousri, Ahmed Fathy, Thanikanti Sudhakar Babu, Mohamed R. Berber	Internatio nal Journal of Energy Research	2021	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.6946	Scopus	2020-21

70	Performance Evaluation of Modified SEPIC converter for Renewable Applications	Ch.Venkata Krishna Reddy, T.R.Vijaya Lakshmi, P. Venkata Prasad and M.Thirupathaiah	Proteus Journal	2021	http://proteusresearch.org/gallery/6-april2021ghv.pdf	UGC Care	2020-21
71	Investigation of Partial Discharge Due to Particle Movement in Power Transformer Using Computational Fluid Dynamics and Monte Carlo Technique	N Vasantha Gowri, M.Ramalinga Raju, B.P.Singh	Journal of The Institution of Engineers (India) Series B	2021	https://link.springer.com/article/10.1007/s40031-021-00557-x	Scopus	2020-21
72	An Utilization Of Robot For Irrigation Using ArtificialIntellegnece	N.Vasantha Gowri.,MohdNaved., Purnendu Shekhar Pandey., Ashim Bo	International Journal of Future Generation Communication and Networking	2021	https://serisc.org/journals/index.php/IJFGCN/issue/view/302	UGC Care	2020-21
73	An Internet of Things For Prevention Of Security Attack On Cloud Medical Data Using Artificial Intelligence	HansarajShalikram Wankhede, N.Vasantha Gowri., Bharath M N., Priyanka Sharma,	International Journal of Grid and Distributed Computing	2021	http://serisc.org/journals/index.php/IJGDC/article/view/36371	UGC Care	2020-21

74	Enhancement of Power Quality in a Wind Energy system by using STATCOM	M.Thirupathaiah	Journal of Interdisciplinary Cycle Research	2021	https://drive.google.com/file/d/1FGm8NWlpNkGNwsFWJDH6Th8RRvI0IKDv/view	UGC Care	2020-21
75	Design and Implimentation of Solar Based DC Grid Using Arduino Uno	M Thirupathaiah	IJITEE	2021	https://www.ijitee.org/wp-content/uploads/papers/v10i6/F87250410621.pdf	Scopus	2020-21
76	Control of Standalone Wind energy conversion system using Pitch control Technique”	M. Thirupathaiah	IJISSET	2021	http://ijiset.com/vol8/v8s6/IJISSET_V8_I06_15.pdf	UGC Care	2020-21
77	Machine Learning Based Adaptive Protection of Microgrid for Optimised Power System Management	P.Hemeshwar Chary, N.Santosh Kumar	PENSEE International Journal	2021	https://app.box.com/s/bbbg809oovvo4sqxxwpmrrsu3wrkygy	UGC Care	2020-21
78	Microgrid Control Schemes And Current Trends For Sustainable Energy Management	P.Hemeshwar Chary, N.Santosh Kumar	International Journal of Advanced Science and Technology	2021	http://sersc.org/journals/index.php/IJAST/article/view/35983	Scopus	2020-21
79	Simulation of IGBT Based Solid State Fault Current Limiter Using Matlab/Simulink	C. Harish, T. Murali Krishna, G. Suresh Babu, N.V. Phanendra Babu and D. HrishikesSai	International Journal of Electrical Engineering and Technology	2021	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_12_ISSUE_6/IJEET_12_06_015.pdf	Scopus	2020-21

80	Design of Smart Purchase Cart for Commercial Application using Raspberry PI and RFID	C. Harish and N. Vasantha Gowri	International Journal of Electrical Engineering and Technology (IJEET)	2021	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_12_ISSUE_6/IJEET_12_06_036.pdf	Scopus	2020-21
81	A Fuzzy Based Grid Maintenances and Load Balancing Technique for Feature Applications	D.Harsha,G.Arunkumar, Ch. Vinay Kumar	Turkish Journal of Computer and Mathematics Education	2021	https://turcomat.org/index.php/turkbilmcat/article/view/5237/4388	UGC Care	2020-21
82	Solar Energy Tracking And Monitoring System Over Iot	D.Harsha, C.Shaheen, I.Sankeerth, B.Jithendar,	International Journal of Current Engineering and Scientific Research	2021	http://troindia.in/journal/ijcesr/vol8iss6/168-175.pdf	UGC Care	2020-21
83	A Real Time and Development Integration of Renewable Sources of Energy into Power Grid Application	P.Nagasekhar Reddy , D. Harsha, C.Harish	Design Engineering Journal	2021	https://thedesigengineering.com/index.php/DE/article/view/2213	UGC Care	2020-21

84	Cooperative Optimal Control Strategy for Microgrid Under Grid-Connected Mode	N.Santosh Kumar,P.Hemeshwar Chary	Open Access International Journal of Science & Engineering	2021	http://oaijse.com/VolumeArticles/FullTextPDF/780_9.COOPERATIVE_OPTIMAL_CONTROL_STRATEGY_FOR_MICROGRID_UNDER_GRID-CONNECTED_MODE.pdf	UGC Care	2020-21
85	Household Load forecasting using Deep Learning neural networks	C Srisailam, K Muralidhar Goud, D. Sathish,D. Harsha	Turkish Journal of Computer and Mathematics Education	2021	https://turcomat.org/index.php/turkbilmomat/article/view/1085/868	UGC Care	2020-21
86	Stability analysis of Automatic Voltage Regulator using Fractional Order Controller	K Muralidhar Goud, C Srisailam, D. Sathish, D. Harsha	Turkish Journal of Computer and Mathematics Education	2021	https://turcomat.org/index.php/turkbilmomat/article/view/1084/867	UGC Care	2020-21
87	DC Side Controllers for Grid Connected Hybrid Renewable Energy Sources	M. Nagaraju, N.V. Phanendrababu	Aegaeum Journal	2021	https://drive.google.com/file/d/1ArdEyDL3vKX_j0P6vAI3J3WUlcTh3quO/view	UGC Care	2020-21
88	Selection of Optimal Locations for Phasor Measurement Units (PMUs) using Analytical Hierarchy Process (AHP)	N.V. Phanendrababu, M. Nagaraju	Aegaeum Journal	2021	https://drive.google.com/file/d/16hWCrAg21kOqeJ-R8xGRbyvheQMKdfpR/view	UGC Care	2020-21

89	Chapter: Optimal Selection of Phasor Measurement Units	N. V. Phanendrababu	Springer Textbook: Wide Area Power Systems Stability, Protection, and Security	2021	https://www.researchgate.net/publication/345335303_Optimal_Selection_of_Phasor_Measurement_Units	Scopus	2020-21
90	A Novel Method for Electricity Generation from Footsteps Using Piezoelectric	D. Sathish, C Srisailam, D. Harsha, K Muralidhar Goud	Turkish Journal of Computer and Mathematics Education	2021	https://turcomat.org/index.php/turkbilmcat/article/view/1089/871	UGC Care	2020-21
91	A Simplified Control Approach of AC-DC-TLBC for Bi-Polar DC Microgrid Applications	D. Sathish, A. Bhanuchandar, D. Harsha C.Srisailam,	Turkish Journal of Computer and Mathematics Education	2021	https://turcomat.org/index.php/turkbilmcat/article/view/1090/872	UGC Care	2020-21
92	Non Intrusive Load monitoring Technique using Deep neural networks for Energy Disaggregation,	Subash Ranjan kabat, D.jayashree, K.G.S venkatesan, Haritha Venkata Budaraju	Materials Today proceedings	2021	https://www.sciencedirect.com/science/article/pii/S2214785321002819?via%3Dihub	SCI	2020-21

93	Stability Enhancement of Doubly Fed Induction Generator With Virtual Resistance Under Network Disturbances	S. Rajesh, P. Venkata Prasad, P. Srinivas	International Research Journal of Engineering and Technology (IRJET)	2020	https://www.irjet.net/archives/V7/i12/IRJET-V7I12396.pdf	UGC Care	2020-21
94	A Novel Method to Improve the Stability of Doubly Fed Induction Generator Under Grid Disturbances using Fuzzy Controller	S. Rajesh, P. Venkata Prasad, P. Srinivas,	International Research Journal of Engineering and Technology (IRJET)	2020	https://www.irjet.net/archives/V7/i12/IRJET-V7I12393.pdf	UGC Care	2020-21
95	A Novel Approach in Audio Compression using Vedic Concepts	P. Chow Reddy, G. Suresh Babu and T. Murali Krishna	International Journal for Research in Applied Science & Engineering Technology	2020	https://www.ijraset.com/fileservice.php?FID=30431	UGC Care	2020-21

96	A Novel Squirrel Search Optimization Algorithm for Solving Optimal Power Flow Problem with TCSC Device	M Harika, M Balasubbareddy	Journal of Inter disciplinary Cycle Research	2020	http://jicrjournal.com/gallery/152-jicr-july-3026.pdf	UGC Care	2020-21
97	21 Level Inverter Topologies	Kamalakar P., Suresh Kumar B. and Upendar	Invertis Journal of Science & Technology	2020	https://www.indianjournals.com/ijor.aspx?target=ijor:ijst1&volume=13&issue=3&article=005	UGC Care	2020-21
98	Emergency System Based Smart Grid	B.Harika, B.Suresh Kumar and J.Upendar	International JAEMA	2020	http://www.ijaema.com/gallery/258-ijaema-august-4512.pdf	UGC Care	2020-21
99	Comparison Of DC-DC Converters for Renewable Energy Applications	Sreelekha. G, T. Murali Krishna	Strad Research Journal	2020	https://drive.google.com/file/d/1kUuLYIH5eVe7iQqFeg0uzAX_OjHwuf3y/view	UGC Care	2020-21
100	Review of different Control methods used for Induction Heating Applications	P.Kowstuuba	International Journal of Electrical Engineering and Technology	2020	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_11_ISSUE_5/IJEET_11_05_006.pdf	Scopus	2020-21
101	Historical Text Retrieval with Spectral Data and adaptive variants of Bacterial Foraging”	Ch.Venkata Krishna Reddy, T.R.Vijaya Lakshmi,	Materials Today Proceedings	2020	https://www.sciencedirect.com/science/article/pii/S2214785320385667	SCI	2020-21

102	Critical Elements Based Optimal PMU Placement Considering Substation Coverage	N. V. Phanendra BABU, P. Suresh BABU, D. V. S. S. Siva SARMA,	International Journal on Electrical Engineering and Informatics	2020	http://www.ijeei.org/docs-21211847615f72f52655a01.pdf	Scopus	2020-21
103	A Simplified Control Strategy for An Enhanced Performance of Six Level Dual Inverter fed Induction Motor Drive	P.V. Prasad, N. Usha, K. Ramesh Reddy	International Journal of Engineering and Advanced Technology (IJEAT)	2020	https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8164088619.pdf	Scopus	2019-20
104	A Distribution network reconfiguration using GA and BPSO	P.V. Prasad, M. Balasubba Reddy	i-manager's Journal on Power Systems Engineering	2020	https://imanagerpublications.com/index.php/article/15802	UGC Care	2019-20

105	A Novel Technique to Observe the Performance of Virtual Solar PV Module System	G. Suresh Babu, N. Sai Varun	Innovations in Electrical and Electronics Engineering,	2020	https://link.springer.com/chapter/10.1007/978-981-15-2256-7_59	Scopus	2019-20
106	Inverse Definite Minimum Time Relay Coordination in Radial Traction System	G. Suresh Babu, Sivasankar Venugopal, T. Murali Krishna	International Journal of Electrical Engineering & Technology	2020	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3657122	Scopus	2019-20
107	Performance Evaluation of DC Electric Spring Placed in Micro Grid Systems Using Solar PV Emulator	G. Suresh Babu, T. Murali Krishna, C. Srisailam, N. Vasantha Gowri	International Journal of Electrical Engineering & Technology	2020	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3658023	Scopus	2019-20
108	Performance analysis of DC-DC converter based standalone PV system using cloud connected Solar PV Emulator	G. Suresh Babu, N. R. SaiVarun, T. Murali Krishna, C. Harish, D. Harsha	Strad Research Journal	2020	https://drive.google.com/file/d/1u2czCQPJEyhOFFPaLOzVrGoilI5Z--uHb/view	UGC Care	2019-20

109	Security Constrained Optimal Power Flow Problem Solution with Practical Constraints using HALOA	M. Balasubba Reddy	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/wp-content/uploads/papers/v9i3/C8376019320.pdf	Scopus	2019-20
110	Squirrel Search Algorithm for Solving Optimal Reactive Power Dispatch Problem with FACTS Device	M. Balasubba Reddy, Divyanshi Dwivedi	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/wp-content/uploads/papers/v9i3/C8577019320.pdf	Scopus	2019-20
111	Performance Evaluation of Different Structures of Power system Stabilizers	M. Balasubba Reddy, G V K Murthy, K Sowjan Kumar	International Journal of Electrical and Computer Engineering	2020	http://ijece.iaescore.com/index.php/IJECE/article/view/17606/14600	Scopus	2019-20

112	Design and Development of a Hybrid Micro-Grid System using State of Art Multi-Objective Optimization Technique	M. Balasubba Reddy	Journal of Interdisciplinary Cycle Research	2020	http://www.jicrjournal.com/gallery/164-jicr-june-2904.pdf	UGC Care	2019-20
113	Performance and cost analysis for 400kWp Grid Connected PV system in Tirupati using PVsyst software	M. Balasubba Reddy	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST/article/view/24688	UGC Care	2019-20
114	Power Quality Enhancement using Unified Power Quality Conditioner	B. Suresh Kumar , S.Praveena,K.Tarun	A Journal Of Composition Theory	2020	https://app.box.com/s/fcxx4l9w669c16ttakjh4f2evut7c07q	UGC Care	2019-20
115	Reduction of Negative Sequence Correction in Grid Interfacing Inverter with Integrated Voltage Unbalance Correction	B. Suresh Kumar, Ramu.S, S.Praveena	Aegaeum Journal	2020	http://aegaeum.com/gallery/agm.j-2595.23-f.pdf	UGC Care	2019-20
116	Modeling and Simulation of Linear Electro Mechanical actuator for Missile Application with high redundancy	B. Suresh Kumar, S. Praveena K. Sindhu Priya	Mukt Shabd Journal	2020	http://shabdbooks.com/gallery/168-april2020.pdf	UGC Care	2019-20

117	Performance of BLDC Motor for Enhancing the Response of Antenna's Positioners using PI Controller	B. Suresh Kumar, Varun Raj.D, S. Praveena	Innovations in Electronics and Communication Engineering	2020	https://link.springer.com/chapter/10.1007/978-981-15-3172-9_18	Scopus	2019-20
118	Speed Control of BLDC Motor with PI Controller and PWM Technique for Antenna's Positioner	B. Suresh Kumar , D.Varun Raj , D.Venkateshwara Rao	Lecture Notes on Data Engineering and Communications Technologies	2020	https://link.springer.com/chapter/10.1007/978-3-030-32150-5_43	Scopus	2019-20
119	MPPT Scheme Intended for Photovoltaic Arrays in Partial Shading Situations Based Fuzzy Logic Controller	B.Harika, B. Suresh Kumar	Journal of Interdisciplinary Cycle Research	2020	https://app.box.com/s/78n95nnejoc87muw4t08pzfy7ekd4cd4	UGC Care	2019-20
120	Performance of Five Level Inverter with Different Multilevel Topologies	T. Murali Krishna, B. Geethanjali, N. Gouthami, L. Udaysree	Strad Research Journal	2020	https://drive.google.com/file/d/1V9DqmnSVpmUI715Ajb93Wlg88RV9QDYN/view	UGC Care	2019-20

121	A Novel Modified Voltage Oriented Control of an Active Front-End Rectifier used for PMSG based Wind Turbine Systems	Kowstubha Palle, A. Bhanuchandar	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/wp-content/uploads/papers/v9i8/H6567069820.pdf	Scopus	2019-20
122	Comparison of Symmetric and Asymmetric Cascaded H-Bridge Multilevel Inverters using Multicarrier PWM Technique	Devareddy Harsha, Harish, Thakkallapelli Gokul Chandra, Patakula, Kiran Kumar Thatikayala	International Research Journal of Engineering and Technology	2020	https://www.irjet.net/archives/V7/i6/IRJET-V7I6585.pdf	UGC Care	2019-20
123	Control Quality Enhancement of Inverted Pendulum Using Fractional Controller	K Muralidhar Goud, C. Srisailam	Innovations in Electrical and Electronics Engineering, Lecture notes in Electrical Engineering,	2020	https://link.springer.com/chapter/10.1007/978-981-15-2256-7_64	Scopus	2019-20

124	Control and state of charge balancing algorithm for modular multilevel STATCOM with distributed ultracapacitor-based energy storage system at the DC link	Anil Bharadwaj, Suman Maiti	International Transactions on Electrical Energy Systems	2020	https://onlinelibrary.wiley.com/doi/epdf/10.1002/2050-7038.12282	Scopus	2019-20
125	Instantaneous Symmetrical Component Theory (ISCT) Controller for Mitigation of Harmonics in Micro-grid System	Devireddy Sathish, Gajangi Arun Kumar, Chowdary Vinay Kumar	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/wp-content/uploads/papers/v9i8/H6346069820.pdf	Scopus	2019-20
126	An Improved MOSFET Neutral-Point-Clamped Full-Bridge Transformer less Inverter for High Efficiency Distributed Photovoltaic System	Ahmad Syed, Tara Kalayani, Sandipamu, Freddy Tan Kheng Suan	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST/article/view/2987	UGC Care	2019-20

127	Smart Gloves for Specially Challenged People	Imran Mohammed, Naga Chaitanya P	International Research Journal of Engineering and Technology	2020	https://www.irjet.net/archives/V7/i5/IRJET-V7I5485.pdf	UGC Care	2019-20
128	Power Quality Improvement Using DSTATCOM with PSO Tuned PI Controller	P. V. Prasad, S. Karuna	International Research Journal of Engineering and Technology (IRJET)	2019	https://www.irjet.net/archives/V6/i7/IRJET-V6I7315.pdf	UGC Care	2019-20
129	Performance Evaluation of Induction Motor for Unipolar and Bipolar Pulse Width Modulation Techniques	T.Murali Krishna, K. KrishnaVeni, G.Suresh Babu, D.Sushma, C.Harish	International Journal of Innovative Technology and Exploring Engineering	2019	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J97930881019.pdf	Scopus	2019-20

130	ANN Controller for Damping of Oscillations using Interline Power Flow Controller of AC Transmission System	Ch.V. Krishna Reddy, K.KrishnaVeni, G.TulasiRamDas	International Journal of Engineering and Advanced Technology	2019	https://www.ijeat.org/wp-content/uploads/papers/v8i6/E7423068519.pdf	Scopus	2019-20
131	Modeling of Solar Electric Propulsion System for UAVs	N. Vasantha Gowri, C. Harish, D. Harsha	International Journal of Recent Technology and Engineering (IJRTE)	2019	https://www.ijrte.org/wp-content/uploads/papers/v8i2S5/B10400682S519.pdf	Scopus	2019-20
132	SCADA System Application for Power Distribution in Hyderabad City	DivyaSai N, Ravi Kumar B, Bhagyasri R, K. Krishnaveni, Yagnaprasad.K	Journal Computational Information Systems	2019	http://jof-cis.com/article/scada-system-application-for-power-distribution-in-hyderabad-city/	UGC Care	2019-20
133	Performance Analysis of Solar PV Emulator Operated in Various Modes	G. Suresh Babu, Sai Varun.N.R	International Journal of Research	2019	https://app.box.com/s/jojlunwh7mce7vczvj5r1mkx67rpyef7	UGC Care	2018-19

134	Simulation of Electro Mechanical Actuator for Missile Application by Dual Redundancy Technique	B. Suresh Kumar, Rakesh Babu	Lecture Notes and Data Engineering and Communications Technologies	2019	http://shabdbooks.com/gallery/168-april2020.pdf	Scopus	2018-19
135	Damping Oscillations in Power System Using Power System Stabilizer	B. Suresh Kumar, D. Varun Raj	International Journal of Research	2019	https://app.box.com/s/ty7lw2x47wsejorohv9je5ndv3tspanu	UGC Care	2018-19
136	Optimal Power Flow Using Spotted Hyena Optimization Algorithm	M. Balasubbareddy, Divyanshi Dwivedi, D. Satish	Pramana Research Journal	2019	https://www.pramanaresearch.org/gallery/prj-p534.pdf	UGC Care	2018-19
137	An Overview of Geothermal Energy in India	I. Pranav, Kola Leeladharrao	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	https://www.jetir.org/papers/JETIR1905F47.pdf	UGC Care	2018-19

138	Thermal analysis on Power Transformer	N.VasanthaGowri	International Journal of Electrical Engineering and Technology(IJEET)	2019	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLU ME_10_ISSUE_2/IJEET_10_02_012.pdf	Scopus	2018-19
139	A Novel method for electrical energy consumption tracking using internet of things	J. Balakrishna, C Srisailam	Journal of emerging technology and innovative research (JETIR)	2019	https://www.jetir.org/papers/JETIR1906313.pdf	UGC Care	2018-19
140	Analysis of series/parallel multi-level inverter with symmetrical and asymmetrical configurations	M Nagaraju, M Kirankumar	International Journal of power electronics and drives systems (IJPEDS)	2019	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/11714/10903	Scopus	2018-19
141	Four-leg VSI based DSTATCOM for compensating Non-Linear and Un-Balanced loads	S.R. Reddy, P.V.Praad, G.N. Srinivas	Majlesi Journal of Electrical Engineering	2018	http://mjee.iaumajlesi.ac.ir/index.php/ee/article/view/2568/651	UGC Care	2018-19

142	Design and Simulation of Three Level Neutral Point Clamped Inverter Fed Induction Motor Drive	K. Sri kavya Durga, M. Balasubba Reddy	European Journal of Electrical and Computer Engineering	2018	https://www.ejece.org/index.php/ejece/article/view/34/28	UGC Care	2018-19
143	Three phase grid connected PV system with LVRT control strategy	T. Murali Krishna, Deepak Gehlot, N. Anusha & G. Suresh Babu	International Journal of Mechanical Engineering and Technology (IJMET)	2018	https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_7/IJMET_09_07_061.pdf	Scopus	2018-19
144	Finite Element Analysis of Power Transformer	N.VasanthaGowri, ZainabAkthar	International Journal of Mechanical Engineering and Technology	2018	https://iaeme.com/MasterAdmin/Journal_uploads/IJAE/VOLUME_1_ISSUE_1/IJAE_01_01_003.pdf	Scopus	2018-19
145	Meta-Heuristic Technique Based Intelligent Overcurrent and Distance Relay Coordination with Novel Relay Minimization Technique	Roy S Babu, P. Suresh, N V PhanendraBabu	International Journal of Analog Integrated Circuits	2018	https://ecc.journalspub.info/index.php?journal=JAIC&page=article&op=view&path%5B%5D=883	UGC Care	2018-19

146	Intelligent Coordination of Overcurrent and Distance Relays using Meta Heuristic Algorithms	Roy S, P. Suresh Babu, Phanendra N.V	International Journal on Electrical Engineering and Informatics	2018	http://ijeei.org/docs-18451370725c6a41676a897.pdf	Scopus	2018-19
147	SPWM Based Matrix Converter for Industrial Application-MATLAB Simulation	K. Krishnaveni, T Murali Krishna and Y Laxmipriyanka	International Journal of Mechanical Engineering and Technology	2018	https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_4/IJMET_09_04_039.pdf	Scopus	2018-19
148	A cuk converter based sag and swell compensation for an induction motor	N Usha, P V Prasad and K Ramesh reddy	International Journal of Emerging Technology and Advanced Engineering	2018	https://www.ijetae.com/files/ConferenceJNTU2017/IJETAE_JNTU_02.pdf	Scopus	2018-19

149	Determination of Parameters of a given SPV Module using Solar PVTR	B Premcharan, G. Suresh Babu, Priyanka Shukla	International Journal of Creative Research Thoughts	2018	https://www.ijcrt.org/papers/IJCRTNCES022.pdf	UGC Care	2018-19
150	Performance analysis of SPV module using solar PVTR system	G. Suresh Babu, B Premcharan and T Murali krishna	International Journal of Engineering and Technology	2018	https://www.sciencepubco.com/index.php/ijet/article/view/14488	Scopus	2018-19
151	Finding of various faults by using phasor measurement units	B. Suresh Kumar, Praveena and Divyasree	International Journal of Pure and Applied Mathematics	2018	https://acadpubl.eu/hub/2018-118-24/2/226.pdf	Scopus	2018-19
152	Power Eminence Enhancement with Hybrid Power Filter along with Thyristor Controlled Reactor	B. Suresh Kumar and S. Praveena	Journal of Advanced Research in Dynamical and Control Systems	2018	https://www.jardcs.org/backissues/abstract.php?archiveid=3894	Scopus	2018-19

153	Analysis of AC Transmission System using IPFC for Damping of Low Frequency Oscillations with PI Controller	Ch. V. KrishnaReddy, K. Krishna Veni and G. Tulasi Ram Das	International Journal of Applied Engineering Research	2018	https://www.ripublication.com/ijaer19/ijaerv14n9_11.pdf	UGC Care/Scopus	2018-19
154	Modeling and Performance Analysis of Six Level Inverter for Medium Voltage Drives	T. Murali Krishna, C Harish and N Anusha	International Journal of Emerging Technology and Advanced Engineering	2018	https://node1.123dok.com/dt01pdf/123dok_us/000/874/874601.pdf.pdf?X-Amz-Content-Sha256=UNSIGNED-PAYLOAD&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=7PKKQ3DUV8RG19BL%2F20220324%2F%2Fs3%2Faws4_request&X-Amz-Date=20220324T095754Z&X-Amz-SignedHeaders=host&X-Amz-Expires=600&X-Amz-Signature=407694c7a6eb1b8575648400a7f33dc08d98289958f9be7fc79c06a43b306847	Scopus	2017-18
155	Modeling and Simulation of Electrical Power Subsystem of Nanosatellite using MATLAB	T. Murali Krishna, S. S. Paramahamsa, and N. Ashwini	Helix	2018	http://helix.dnares.in/wp-content/uploads/2018/03/3031-3035.pdf	UGC Care/Web of Science	2017-18

156	Micro Controller Based Modelling of Three Level Neutral Point Clamped Inverter	T. Murali Krishna	International Journal of Innovative Research and Studies	2018	http://ijirs.in/gallery/18.%20marc%20ijirs%20-%20d583.pdf	UGC Care	2017-18
157	Evaluation of Induction Motor Performance for Three Different Diode Clamped Multi Level Inverters	T. Murali Krishna	International Journal of Electrical Engineering & Technology	2018	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_9_ISSUE_2/IJEET_09_02_002.pdf	Scopus	2017-18
158	Comparison of Performance of Seven Level Neutral Point Clamped and Multi Source Topologies	T.Murali Krishna, N. Santosh Kumar, D. Akhila and D. Balaji	International Journal of Engineering Research and Development	2018	https://www.ijerd.com/paper/volume114-issue4/Version-1/F1404014348.pdf	UGC Care	2017-18

159	Performance Analysis of Five Level Neutral Point Clamped Inverter With and Without PWM	T. Murali Krishna	International Journal of Innovative Research and Studies	2018	http://ijirs.in/gallery/14.apr%20ijirs%20d609.pdf	UGC Care	2017-18
160	Monte - Carlo Analysis of Cylindrical particle Dislodgement in Power Transformer	N. VasanthaGowri	International Journal of Electrical Engineering and Technology	2018	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_8_ISSUE_4/IJEET_08_04_010.pdf	Scopus	2017-18
161	Analysis of Particle Movement and Partial Discharge on OFAF Power Transformers using Computational Fluid Dynamics	N. VasanthaGowri, M.Ramalingaraju and B. P. Singh	International Journal of Applied Engineering Research	2018	https://www.ripublication.com/ijaer18/ijaerv13n1_107.pdf	UGC Care/Scopus	2017-18
162	Analysis of Partial Discharge Due to Movement of Spherical Particle in Power Transformers using Computational Fluid Dynamics	N. VasanthaGowri, M. Ramalingaraju and B. P. Singh	International Journal of Engineering and Technology	2018	https://www.sciencepubco.com/index.php/ijet/article/view/14489/5879	Scopus	2017-18

163	New Control Strategy for LLC Resonant Converter Used in Distributed Power System(DPS)	P. Kowstubha	International Journal of Electrical Engineering & Technology	2018	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_9_ISSUE_1/IJEET_09_01_006.pdf	Scopus	2017-18
164	Current Mode Control Method used for LLC Resonant DC-DC Converter Suitable for Portable Applications	P. Kowstubha	International Journal of Electrical Engineering & Technology	2018	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_9_ISSUE_1/IJEET_09_01_006.pdf	Scopus	2017-18
165	Enhancement of Power Quality in Wind Power Distribution System by Using Hybrid PSO-Firefly Based D-STATCOM	M. Thirupathaiah, P. V. Prasad and V Ganesh	International Journal of Renewable Energy Research	2018	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/7002/pdf	Scopus	2017-18
166	Review on Different Load Resonant Converters Suitable for Distributed Power Systems	P. Kowstubha	International Journal of Electrical Engineering & Technology	2017	https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_8_ISSUE_5/IJEET_08_05_005.pdf	Scopus	2017-18