



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR:2021-2022

JUNE - DEC 2021- NATIONAL & INTERNATIONAL JOURNAL

S.No	Author(s)	Title	Journal name	Journal ISSN No	Year & Month	Vol no.	Page no	DOI	Database (WOS/ Scopus/ SCI / SCIE/ UGC)
1.	Jamna A Jayarama pradeep Jamuna V	Comparative analysis of voltage controllers for a single stage AC-AC converter for Aircraft Ground power unit application	Elsevier: Materials Today: Proceedings	2214-7853	June 2021	45/PAR T-2	2381-2390	https://doi.org/10.1016/j.matpr.2020.10.731	WOS/ SCOPUS
2.	Velmurugan P Vasanprabhu V Sridharan S Krishnakumar V	IH ² OA based on intelligent power flow management of HRES in smart grid	International Journal of Energy Research	0363-907X	June-21	Vol 45/ Issue 11	16709-16727	https://doi.org/10.1002/er.6917	WOS/ SCOPUS
3.	V.Chamundeeswari, R.Niraimathi, M.Shanthi, Mahaboob Subahani	Integration of renewable energy sources with smart grid	Scrivener, Wiley	Print ISBN:978 11197504 20 Online ISBN:978 11197519 08	Aug 2021	e-book	1-384	https://onlinelibrary.wiley.com/doi/book/10.1002/9781119751908	BOOK CHAPTER
4.	Jayarama Pradeep, A. Jamna Ramakrishnann Sasikumar	Low-Cost Voice-Controlled Prosthetic Arm with Five Degrees of Freedom	IETE Journal of Research	Print ISSN: 03 77-2063 Online ISSN: 09 74-780X	Aug 2021		1-6	To link to this article: https://doi.org/10.1080/03772063.2021.1958069	WOS/ SCOPUS

5.	A Lilly Raamesh S.Kalarani, Dr.T.V.Narmadha N.Hemapriya	A Methodical and Intuitive Image Classifier for Trash Categorization Based On Deep Learning	International Journal of Modern Agriculture	2305- 7246	Aug 2021	10/2	4638 - 4652	http://www.modern-journals.com/index.php/ijma/article/view/1414	WOS
6.	Siva Ganesh Malla , Jagan Mohana Rao Malla, Priyanka Malla, Sreekanth R, Satish Kumar D, Manoj Kumar S, Pravat Kumar,SubudhiHilmy Awad	Coordinated power management and control of renewable energy sources based smart grid	International Journal of Emerging electric power systems	1553- 779X	Aug 2021			https://doi.org/10.1515/ijeeps-2021-0113	WOS/ SCOPUS/ ESCI
7.	M. Sumitha Dr. T.V.Narmadha	Commutation Failure In Converters - A Survey	International Journal of Modern Agriculture	2305- 7246	Sep 2021	Volume 10, No.2,	4721- 4728	http://www.modern-journals.com/index.php/ijma/article/view/1433	WOS
8.	T.V.Narmadha, M.Evanjalin Maria Florida J. Kavitha	Comparison of Cuckoo Search Algorithm and Perturb & Observe Algorithm in Positive Elementary Superlift Luo Converter for Motor Drive Application”	International Journal of Modern Agriculture	2305- 7246	Nov 2021	Volume 10, No.2		http://www.modern-journals.com/index.php/ijma/article/view/1413/1176	WOS
9.	Damarla Indira & Mahendran Venmathi	Comparative Assessment of Converter Topologies for Switched Reluctance Motor Drives	IETE Journal of Research	Print ISSN: 03 77-2063 Online ISSN: 09 74-780X	Sep 2021.	https://doi.org/10.1080/03772063.2021.1977187	1-19	https://www.tandfonline.com/doi/abs/10.1080/03772063.2021.1977187?journalCode=tijr20	WOS/ SCOPUS
10.	Mr.H.Prasad, Dr.T.D.Sudhakar	Big data analytics using R for offline voltage prediction in an electric power system	Big data analytics and intelligent techniques for smart cities , Big data analytics and	ISBN 97803677 53559	oct 2021		27-46	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003187356-2/big-data-analytics-using-offline-voltage-prediction-electric-power-system-	WOS/ SCOPUS BOOK CHAPTER

								prasad-sudhakar	
11.	Ramachandra reddy Konda Narmadha T V,Ramesh ponukara govinda samyvenkatesan	Performance study of randomly coupled erbium- doped fiber amplifier using machine learning	Optical engineering	ISSN: 00 91-3286	Vol 60(7)		76101- 1 to 17	https://doi.org/10.1117/1.OE.60.7.076101	WOS
12.	M. Anitha P. Somasundaram S. Balaji S. Swetha	Optimal Scheduling of Directional Sensors with QoS Constraints to Enhance the Lifetime	Wireless Personal Communicat ions, springer	ISSN. 09296212 , 1572834 X	Nov 2021	https://doi.org/10.1007/s11277-021-09381-4		https://doi.org/10.1007/s11277-021-09381-4	WOS/ SCOPUS
13.	C.Venkateshkumar, Dr.M.Rames babu	An exhaustive solution of power system unit commitment problem using enhanced binary salp swarm optimisation algorithm	Journal of Electrical Engineering Technology	1975- 0102	Sep 2021	https://doi.org/10.1007/s42835-021-00889-0	395- 413	https://doi.org/10.1007/s42835-021-00889-0	WOS/ SCOPUS
14.	Dr. Swapnaja Amol Ubale Dr. S. Praveena Dr. B. Suresh kumar Harish S S Dr. Catherine T. J Prof. Dr.Kamal Alaskar	IoT based Mobile Application Development for Power Management and Monitoring in Commercial building	Natural Volatiles&E ssential Oil Journal	e- ISSN: 21 48-9637	Dec 2021	Volume: 8, Issue:5	5687 - 5701	https://www.nveo.org/index.php/journal/article/view/1718	

JUNE/DEC 2021-NATIONAL & INTERNATIONAL CONFERENCE

INTERNATIONAL CONFERENCE							
S.No	Author(s)	Month & Year	Title	Name of the Conference	Venue	Page No	Scopus
1.	A.Sachithra, S.Gomathi, A.Manivannan	Nov 2021	Computational fluid dynamics modelling and experimental analysis of a photovoltaic thermal system with spiral absorber using hybrid TiO ₂ -MWCNT nano fluid	ICMMCMSE 2020	IOP-Journal of physics:Conference series	IOP	Scopus
2.	Anshio Josh Anto jude Geoffrey Aravinth Dr.T.V.Narmadha	Nov 2021	Rail and coil gun based levitating hbrid train	Trends in Electrical Engineering	Volume 11/Issue -2	35-41	Scopus
3.	Dr. Swapnaja Amol Ubale, Dr. S. Praveena, Dr. B. Suresh kumar, Harish S S, Dr. Catherine T. J Prof. Dr.Kamal Alaskar	Nov 2021	IoT based Mobile Application Development for Power Management and Monitoring in Commercial building	Nat. Volatiles & Essent. Oils, 2021; 8(5):	Volume 8/Issue -5	5678 - 5701	Scopus
4.	B.S.Nalina V.Kamaraj M.Chilambarasan M.Rameshbabu	Dec 2021	Bidirectional interleaved switched capacitor DC-DC converter for Renewable Energy Applications	DC-DC Converters for future Renewable Energy Systems	Springer-Singapore		BOOK CHAPTER

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S.No	Author(s)	Title	Journal name	ISSN No	Year & Month	Vol no.	Page no	DOI	Database (WOS/ Scopus/ SCI / SCIE/ UGC)
1.	Sridharan Subbiah Vasan Prabhu Veeramani Velmurugan Palani	Efficient maximum power point tracking in grid connected switched reluctance generator in wind energy conversion system: an enhanced Mayfly Algorithm transient search optimization	Taylor & Francis - Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Print ISSN: 15 56-7036 Online ISSN: 15 56-7230	Jan 2022	Online published		https://doi.org/10.1080/15567036.2021.2008059	SCI/WOS
2.	Velmurugan P, Gomathi S, Aruna P, Vasan Prabhu V Manathunainathan Veeramani	Optimal sizing and smart charging abilities of electric vehicle charging station by considering quality of service using hybrid technique	Taylor & Francis - Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Print ISSN: 15 56-7036 Online ISSN: 15 56-7230	Feb 2022	Online published	1-17	https://doi.org/10.1080/15567036.2022.2032879	SCI/WOS
3.	Jayarama Pradeep Anbarasan P Krishnakumar V	A new tri-source symmetric cascaded multilevel inverter topology with reduced power components	Circuit World	0305-6120	March 2022	Online published		https://www.emerald.com/insight/content/doi/10.1108/CW-06-2021-0184/full/html	SCI/WOS
4.	Chamundeeswari V	Development and analysis of a power electronic interface for single-phase AC grid supplying DC loads	Journal of Chinese Institute of Engineers.	02533839, 21587299	May 2022	Vol 45/ Issue 4	324-330	https://www.tandfonline.com/doi/abs/10.1080/02533839.2022.2053790	SCI/WOS
5.	Elanthiriyar R	Design and Implementation of Triboelectric Generator for energy generation	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653	March 2022	Vol.10/ Issue-3	559-567	https://doi.org/10.22214/ijraset.2022.40676	

6.	M. Chilambarasan M. Ramesh Babu	An Intelligent Power Management Technique for a Cuk-Luo Fused Converter Based Solar-Wind-Battery System Fed Base Transceiver Station Using Embedded Controller	Journal of Electrical Engineering & Technology	1975-0102	Feb 2022			https://doi.org/10.1007/s42835-022-01026-1	SCI
7.	B.S.Nalina V.Kamaraj M.Ramesh Babu	Fault Detection and Identification Strategy Based on Luenberger Observer for Bidirectional Interleaved Switched Capacitor DC-DC Converter Interfaced Microgrids	Journal of Electrical Engineering & Technology	1975-0102	May 2022			https://doi.org/10.1007/s42835-022-01075-6	SCI
8.	Indira Damarla & Venmathi Mahendran	Investigation on Voltage Boosting Technique in Four Phase SR Motor Drive with Front End Converter	International Journal of Electronics	Print ISSN: 0020-7217	May 2022			DOI: 10.1080/00207217.2022.2068202	SCI

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1.	Dr.T.V.Narmadha	March 1st &2nd ,2022	Performance of modified SEPIC converter using hybrid source	8th International conference on Electrical Energy Systems(ICEES 2022)	SSN College of Engineering		Scopus
2.	G. R. Vishal Jayarama Pradeep	9-11 March 2022	Improved Performance of PMSM using Tunicate Swarm optimization	2022 International conference on Emerging smart computing and informatics(ESCI)	IEEE Xplore, Pune, India	https://doi.org/10.1109/ESCI53509.2022.9758351	Scopus
3.	Mr.S.Karthick Dr.M.Ramesh Babu Dr.S.Gomathi Dr.D.Kirubakaran Mr.I.Cephas Mr.M.R.,Faridhabanu	March 2022	Analysis of multi input transformer coupled bidirectional DC-AC converter for Hybrid system	Proceedings of the Sixth International Conference on Trends in Electronics and Informatics ICOEI 2022	ICOEI 2022	CFP22J32-DVD; ISBN: 978-1-6654-8327-8	Scopus

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