

**Dr. Mahalingam College of Engineering and Technology, Pollachi-3**  
**Department of EEE**  
**Paper Publications**  
**2022-23**

Title of paper	Name of the author/s	Name of journal	YOP	Vol & Issue No, pages, ISSN number	Link to the recognition of the Journal		
					Link to website of the Journal	Link to article/paper/abstract of the article	Citation Index
Twin Labeled Virtual Private Network Above Multi-Protocol Label Switching Network for VoIP	LAKSHMINARAYANAN.V, NAVEENPRASAD.C, MANASHAA MADHAVAN SUGANYA.A	PERIODICO di MINERALOGIA	Jul-22	Volume 91, No. 4,548 -556, ISSN: 0369-8963	<a href="https://periodicodimineralogia.it/wpcontent/uploads/2022/07/202291435.pdf">https://periodicodimineralogia.it/wpcontent/uploads/2022/07/202291435.pdf</a>	<a href="https://doi.org/10.37896/pd91.4/91435">https://doi.org/10.37896/pd91.4/91435</a>	Scopus
A Novel Model of Patient's Health Monitoring System Using IoT Platform	Lakshminarayanan.V, Thirunavukkarasu. M, Suganya. A	Neuroquantology	Sep-22	Volume 20   Issue 9   Page 5505-5511, ISSN: 1303-5051	<a href="https://www.neuroquantology.com/article.php?id=8092">https://www.neuroquantology.com/article.php?id=8092</a>	doi: 10.14704/nq.2022.20.9.NQ44643	Scopus
Smart Vehicle Parking Fee Collection System Using IoT	THIRUNAVUKKARASU M,LAKSHMINARAYANA N V, SARAVANAN C G, SUGANYA A	PERIODICO di MINERALOGIA	Aug-22	Volume 91, No. 5, 555-561, ISSN: 0369-8963	<a href="https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291540.pdf">https://periodicodimineralogia.it/wp-content/uploads/2022/09/202291540.pdf</a>	<a href="https://doi.org/10.37896/pd91.5/91540">https://doi.org/10.37896/pd91.5/91540</a>	Scopus

Analytical evaluation of single-input dual-output based integrated Luo-buck converter for BLDC motor	Dr. M. Kaliamoorthy	IET Power Electronics	Jan 23	Volume16, Issue6	<a href="https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/pel2.12441">https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/pel2.12441</a>	<a href="https://doi.org/10.1049/pel2.12441">https://doi.org/10.1049/pel2.12441</a>	SCIE
An EEG-Based Thought Recognition Using Pseudo-Wigner–Kullback–Leibler Deep Neural Classification	C. Thirumarai Selvi, M. Jayasheela, J. Amudha & R. Sudhakar	Circuits, Systems, and Signal Processing	Sep-22	online, ISSN : 0278-081X	<a href="https://www.springer.com/journal/34">https://www.springer.com/journal/34</a>	<a href="https://doi.org/10.1007/s00034-022-02164-7">https://doi.org/10.1007/s00034-022-02164-7</a>	SCIE
Implementation of FPGA Hardware Architecture for Optimized SPIHT Coder Using 2DWT-A	C.THIRUMARAI SELVI, R.S. SANKARA SUBRAMANIAN, J. AMUDHA,M. MUTHUKRISHNAN	PERIODICO di MINERALOGIA	Jun-22	Volume 91, Issue No. 3 ISSN: 0369-8963	<a href="https://periodicodimineralogia.it/wp-content/uploads/2022/06/202291311.pdf">https://periodicodimineralogia.it/wp-content/uploads/2022/06/202291311.pdf</a>	<a href="https://doi.org/10.37896/pd91.3/91311">https://doi.org/10.37896/pd91.3/91311</a>	Scopus
Categorization of breast masses based on deep belief network parameters optimized using chaotic krill herd optimization	Thirumarai Selvi Chandraraju, Amudha Jeyaprakash	International Journal of Imaging Systems and Technology	Sep-22	Vol:32,Issue,5, Pages 1561-1576, 10	<a href="https://onlinelibrary.wiley.com/doi/10.1002/ima.22718">https://onlinelibrary.wiley.com/doi/10.1002/ima.22718</a>	<a href="https://doi.org/10.1002/ima.22718">https://doi.org/10.1002/ima.22718</a>	SCIE

algorithm for frequent diagnosis of breast abnormalities							
Accurate Prediction and Classification of Corn Leaf Disease Using Adaptive Moment Estimation Optimizer in Deep Learning Networks	K. Gayathri Devi, Kishore Balasubramanian, C. Senthilkumar & K. Ramya,	Journal of Electrical Engineering and Technology	Aug-22	ISSN:1975-0102	<a href="https://www.springer.com/journal/42835">https://www.springer.com/journal/42835</a>	<a href="https://doi.org/10.1007/s42835-022-01205-0">https://doi.org/10.1007/s42835-022-01205-0</a>	SCIE (WoS), Scopus, UGC care
Modified spider monkey optimization algorithm based feature selection and probabilistic neural network classifier in face recognition	Kishore Balasubramanian, Anantha moorthy NP, Ramya Kishore	Expert Systems	Jul-22	e13088, ISSN:0266-4720	<a href="https://onlinelibrary.wiley.com/journal/14680394">https://onlinelibrary.wiley.com/journal/14680394</a>	<a href="https://doi.org/10.1111/exsy.13088">https://doi.org/10.1111/exsy.13088</a>	SCIE (WoS), Scopus, UGC care
Classification of Glaucoma Based on Elephant-Herding Optimization Algorithm and	Mona A. S. Ali, Kishore Balasubramanian, Gayathri Devi Krishnamoorthy et al.,	Electronics (Switzerland)	Jun-22	11(11), 1763, ISSN:2079-9292	<a href="https://www.mdpi.com/2079-9292/11/11/1763">https://www.mdpi.com/2079-9292/11/11/1763</a>	<a href="https://doi.org/10.3390/electronics1111763">https://doi.org/10.3390/electronics1111763</a>	SCIE (WoS), Scopus, UGC care

Deep Belief Network							
Improved swarm optimization of deep features for glaucoma classification using SEGSO and VGGNet	KishoreBalasubramanian, K.Ramya, , K.Gayathri Devi	Biomedical Signal Processing and Control	Aug-22	77, 103845, ISSN:1746-8094	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1746809422003676">https://www.sciencedirect.com/science/article/abs/pii/S1746809422003676</a>	<a href="https://doi.org/10.1016/j.bspc.2022.103845">https://doi.org/10.1016/j.bspc.2022.103845</a>	SCIE (WoS), Scopus, UGC care
Social Network User Profiling With Multilayer Semantic Modeling Using Ego Network	Tamil Selvi P., Kishore Balasubramanian, Vidhya S., Jayapandian N., Ramya K.,	International Journal of Information Technology and Web Engineering	Sep-22	7 (1), 1-14, ISSN:1554-1045	<a href="https://www.igi-global.com/journal/international-journal-information-technology-web/1093">https://www.igi-global.com/journal/international-journal-information-technology-web/1093</a>	10.4018/IJITWE.304049	WoS, Scopus, UGC care
Correlation-based feature selection using bio-inspired algorithms and optimized KELM classifier for glaucoma diagnosis.	Kishore Balasubramanian, Ananthamoorthy NP	Applied Soft Computing	Oct-22	128, 109432, ISSN:1568-4946	<a href="https://www.sciencedirect.com/journal/applied-soft-computing">https://www.sciencedirect.com/journal/applied-soft-computing</a>	<a href="https://doi.org/10.1016/j.asoc.2022.109432">https://doi.org/10.1016/j.asoc.2022.109432</a>	SCIE, WoS, Scopus, UGC Care
Design and implementation of IOT integrated monitoring and control system of renewable energy in smart grid for sustainable	NP G.Bhavani, RaviKumar Bhawani Sankar Panigrahi, Kishore Balasubramanian, B.Arun sundar, Zulkiflee Abdul-Samad, Abha Singh	Sustainable Computing: Informatics and Systems	Sep-22	Volume 35, 100769, ISSN:2210-5379	<a href="https://www.sciencedirect.com/science/article/pii/S2210537922001007">https://www.sciencedirect.com/science/article/pii/S2210537922001007</a>	<a href="https://doi.org/10.1016/j.suscom.2022.100769">https://doi.org/10.1016/j.suscom.2022.100769</a>	SCIE (WoS), Scopus, UGC care

computing network							
An Optimized Mammogram Image classification Using Feed Forward Neural Networks	Dr. Kishore B	Neuro Quantology	Dec 22	20(19), 494-501, ISSN: 1303-5150	<a href="https://www.neuroquantology.com/index.php">https://www.neuroquantology.com/index.php</a>	10.48047/nq.2022.20.19.NQ99045	Scopus
Drowsiness detection and safety monitoring using image processing	Kishore Balasubramanian, Gayathri Devi K, Ramya	International Journal of Applied Science and Engineering	Sep-22	19, 2021136, ISSN: 1727-7841	<a href="https://gigvvy.com/journals/ijase">https://gigvvy.com/journals/ijase</a>	<a href="https://doi.org/10.6703/IJASE.202209_19(3).001">https://doi.org/10.6703/IJASE.202209_19(3).001</a>	Scopus
A hybrid deep learning for patient activity recognition (PAR): Real time body wearable sensor network from healthcare monitoring system (HMS)	Dr. Kishore B	Journal of Intelligent and Fuzzy Systems	Jan-23	44(1), 195-211, 1875-8967	<a href="https://content.iopress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs212958">https://content.iopress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs212958</a>	<a href="https://doi.org/10.3233/JIFS-212958">https://doi.org/10.3233/JIFS-212958</a>	SCIE

Smart Multi Verification Based Security System	Dr. Kishore B	El-Cezerî Journal of Science and Engineering	Mar-23	10(2), 193 - 207	<a href="https://dergipark.org.tr/en/pub/ecjse">https://dergipark.org.tr/en/pub/ecjse</a>	<a href="https://doi.org/10.31202/ecjse.1099817">https://doi.org/10.31202/ecjse.1099817</a>	Scopus
A New Approximate 4-2 Compressor using Merged Sum and Carry	Chinthalgiri Jyothi, K. Saranya , Bhaskara Rao Jammu*, Sreehari Veeramachaneni & SK Noor Mohammad	Journal of Electronic Testing	Aug-22	38, pages381-394, ISSN:0923-8174	<a href="https://www.springer.com/journal/10836">https://www.springer.com/journal/10836</a>	<a href="https://doi.org/10.1007/s10836-022-06019-6">https://doi.org/10.1007/s10836-022-06019-6</a>	SCIE (WoS), Scopus, UGC care
Design of area, energy and security optimized reversible architectures for digital image cryptography	Ms. K. Saranya	Circuits, Systems, and Signal Processing	Apr-23	ISSN 0278-081X (print)	<a href="https://www.springer.com/journal/34">https://www.springer.com/journal/34</a>	<a href="https://link.springer.com/article/10.1007/s00034-023-02354-x">https://link.springer.com/article/10.1007/s00034-023-02354-x</a>	SCIE, WoS, Scopus, UGC care
Genetic Algorithm Based 7-Level Step-Up Inverter with Reduced Harmonics and Switching Devices	T. Anand Kumar, M. Kaliamoorthy and I. Gerald Christopher Raj	Intelligent Automation & Soft Computing	Aug-22	Vol.35, No.3, pp. 3081-3097, ISSN:3081-3097	<a href="https://www.techscience.com/iasc/v35n3/49370">https://www.techscience.com/iasc/v35n3/49370</a>	<a href="https://doi.org/10.32604/iasc.2023.028769">10.32604/iasc.2023.028769</a>	SCIE (WoS), Scopus, UGC care
A Novel Single-Phase Shunt Active Power Filter with a Cost Function Based Model Predictive Current Control Technique	Belqasem Aljafari, Kanagavel Rameshkumar , Vairavasundaram Indragandhi and Selvamathi Ramachandran	Energies	Jun-22	Vol 15( 13) , p 4531, ISSN: 1996-1073	<a href="https://www.mdpi.com/journal/energies">https://www.mdpi.com/journal/energies</a>	<a href="https://doi.org/10.3390/en15134531">https://doi.org/10.3390/en15134531</a>	SCIE (WoS), Scopus, UGC care

IOT based automatic forest fire detection based on machine learning approach	J. Nagarajan	Annals Of Forest Research	Nov-22	65(1): 1792-1809, 2022	<a href="https://www.e-afr.org/index.html">https://www.e-afr.org/index.html</a>	<a href="https://www.e-afr.org/article/view/1792.html#cite-area">https://www.e-afr.org/article/view/1792.html#cite-area</a>	SCIE
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