

Dr. Mahalingam College of Engineering and Technology, Pollachi-3
Department of EEE
Paper Publications
2021-22

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
Optimization of antireflection coating design using PC1D simulation for c-Si solar cell application' – Electronics – MDPI Academic open Access publishing	Subramanian, Maruthamuthu, Omar M. Aldossary, Manawwer Alam, Mohd Ubaidullah, Sreedevi Gedi, Lakshminarayanan Vaduganathan, Gokul Sidarth Thirunavukkarasu et al.	Electronics	Dec-21	Volume No:10, p. 3132. ISSN: 2079-9292	https://www.mdpi.com/2079-9292/11/11/1763	https://doi.org/10.3390/electronics10243132	SCIE, Web of Science

Categorization of breast masses based on deep belief network parameters optimized using chaotic krill herd optimization algorithm for frequent diagnosis of breast abnormalities	Thirumarai Selvi Chandraraju, Amudha Jeyaprakash, Sankarasubramanian	International Journal of Imaging System Technology	Mar-22	Volume32, Issue5, Pages 1561-1576, ISSN:1098-1098	https://onlinelibrary.wiley.com/journal/10981098	https://doi.org/10.1002/ima.22718	SCI
Low Complexity And Power Efficient Booth Multiplier For Approximate Computing	Thirumarai Selvi Chandraraju, Amudha Jeyaprakash, Sankarasubramanian	Journal of Fundamental & Comparative Research	Apr-22	Volume 8, pp:1,100-109, ISSN: 2277-7067	https://portal.issn.org/resource/ISSN/2277-7067	-	Not indexed
Effective Diabetic Retinopathy Disease Classification Using Deep Learning Network Using Ensemble Learning	Thirumarai Selvi Chandraraju, Amudha Jeyaprakash	Journal of Fundamental & Comparative Research	May-22	Volume 9, pp.5,107-119, ISSN: 2277-7067	https://portal.issn.org/resource/ISSN/2277-7067	-	Not indexed
Dynamic key based smart lock for Cargo Trucks	Jeyaprakash, Amudha, PD.Rathika, and Thirumarai Selvi.	International journal of Mechanical Engineering	Dec-21	Vol. 6 No. 3, Pp:394-400, ISSN: 0974-5823	https://kalaharijournals.com/resources/IJME2021Dec21-40/DEC_30.pdf	https://kalaharijournals.com/resources/IJME2021Dec21-40/DEC_30.pdf	Scopus

A Survey on the Design of Autonomous and Semi Autonomous Pesticide Sprayer Robot	DEVI, K. GAYATHRI, and Kishore BALASUBRAMANI AN	El-Cezerî Journal of Science and Engineering	Jan-22	Volume 9, Issue 1 pp 371 - 381, ISSN: 2148-3736	https://dergipark.org.tr/en/pub/ecjse	https://doi.org/10.31202/ecjse.1005808	Scopus
Microstrip Patch Antenna for PCs and Wireless Networks	Monica Bhatnagar, Ajay Kumar Chauhan, TS.Karthik, K Srinivas Rao, B.Kishore, and K. Vigneshwaran	Journal of Nuclear Energy Science & Power Generation Technology	Oct-21	Volume :10, Issue :9 ISSN: 2325-9809	https://www.scitechnol.com/nuclear-energy-science-power-generation-technology.php	https://ijret.org/volumes/2015v04/i11/IJRET20150411005.pdf	Scopus
Implementation and Control of Two Input Boost Converter with Voltage Multiplier Cell Based on PI Compensator for High Voltage Applications	Balasubramanian Kishore & L. Chitra	Journal of Electrical Engineering & Technology (SCI)	Jun-21	Vol.16, issue.5, Pp 2661-2672 ISSN: 2093-7423	https://www.springer.com/journal/42835	https://doi.org/10.1007/s42835-021-00816-3	SCI, Scopus, Wos
Social Network user profiling and multilayer semantic modeling using Ego network	P Tamil Selvi, B. Kishore, S.Vidhya, N, Jayapandiyam, K. Ramya , M.Poongodi, Mounir Hamdi, Godwin Brown Tunze	International Journal Of Information Technology And Web Engineering	Jan-22	Vol.17,2022, ISSN: 1554-1045	https://www.igi-global.com/journal/international-journal-information-technology-web/1093	DOI: 10.4018/IJITW.E.304049	Scopus, WoS

<p>Artificial Intelligence And Big Data Analytics In Healthcare For Predictive Analysis And Future Prospects</p>	<p>Dutta, Sushama Rani, T. V. S. Sriram, Visakhapatnam Autonomous, Kishore Balasubramanian, Ms Sneha S. Bagalkot, and Madhavi Kolukuluri</p>	<p>OeconomiaCopernicana</p>	<p>Sep-21</p>	<p>Volume:12 Issue: 4 pp:30-45, ISSN 2353-1827</p>	<p>http://economic-research.pl/Journals/index.php/oc</p>	<p>https://doi.org/10.1177/095441192111060989</p>	<p>WoS, Scopus, UGC Care</p>
<p>Prediction of Neuro-Degenerative Disorders using Sunflower Optimization Algorithm and Kernel Extreme Learning Machine: A Case-Study with Parkinson's and Alzheimer's Disease</p>	<p>Balasubramanian Kishore, N. P. Ananthamoorthy, and K. Ramya</p>	<p>Proceedings Of The Institution Of Mechanical Engineers Part H- journal Of Engineering In Medicine</p>	<p>Dec-21</p>	<p>236(3), 438-453, ISSN: 0954-4119</p>	<p>https://journals.sagepub.com/home/pih</p>	<p>https://doi.org/10.1177/095441192111060989</p>	<p>SCI,Scopus,Wos</p>
<p>Design of Cost Effective Automated and Semi Automated Pesticide Spraying Robot</p>	<p>Devi, K. Gayathri, C. SenthilKumar, B. Kishore, and J. Chitra.</p>	<p>Design Engineering</p>	<p>Dec-21</p>	<p>Vol 2021, Issue 9, pp:1723- 1737 ISSN:0119342</p>	<p>http://www.thedesignengineering.com/index.php/DE/article/view/7122</p>	<p>http://www.thedesignengineering.com/index.php/DE/article/view/7122</p>	<p>Scopus</p>

Performance of Convolutional Neural Networks Optimizers: An Extensive Evaluation on Glaucoma Prediction	Balasubramanian Kishore.	International Journal of Computational Intelligence Studies	Dec-21	Vol.10, No.4, pp: 217-231, 1755-4985	https://www.inderscience.com/jhome.php?jcode=ijcistudies	https://doi.org/10.1504/IJCISTUDIES.2021.120499	UGC care-Group 1
An End-End Deep Learning Framework for lung infection recognition using Attention-based features and Cross average pooling	Balasubramanian Kishore.	International Journal for Multiscale Computational Engineering	Apr-22	Vol.20, No.2 pp:67-82 ISSN : 1543-1649	https://www.dl.begellhouse.com/journals/61fd1b191cf7e96f,6e13013a275e03d2,7189e4a959af88e7.html	https://doi.org/10.1615/IntJMultCompEng.2022041262	SCI
Cloud Data Encryption and Authentication Based on Enhanced Merkle Hash Tree Method	J Stanly jayaprakash, B.Kishore, Rossilawati Sulaiman, Mohammad Kamrul Hasan, B D Parameshhachari, Celestine Iwendi	Computers, Materials & Continua	Feb-22	72(1), 519-534, ISSN 15462218	https://www.techscience.com/cm/v72n1/46835	https://doi.org/10.32604/cm.2022.021269	SCI

Optimal knee osteoarthritis diagnosis using hybrid deep belief network based on Salp swarm optimization method	B.Kishore a,* , K. Ramya b, K. Gayathri Devi	Concurrency and Computation: Practice and Experience	Mar-22	34(13), 1-19, ISSN:1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.6913	SCI
Drowsiness Detection and Safety monitoring using Image Processing	B.Kishore,a,* , K. Ramya b, K. Gayathri Devi	International Journal of Applied Science and Engineering (IJASE)	May-22	19 (3), 2021136, ISSN: 1727-2394	https://gigvvy.com/journals/ijase	10.1007/s00521-022-07279-1	Scopus
An approach to classify white blood cells using convolutional neural network optimized by particle swarm optimization algorithm	B.Kishore, a,* , K. Ramya b, K. Gayathri Devi	Neural Computing and Applications	May-22	34, 16089-16101, ISSN:1433-3058	https://www.springer.com/journal/521	https://doi.org/10.1007/s00521-022-07279-1	SCI
Fingerprint based Exam Hall Authentication	Rajasurya. V, Pradeep. A. S, Gugan. K, Ms.Saranya.K	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Apr-22	Volume 11, Issue 4, ISSN 2278-8875	http://www.ijareeie.com/	10.15662/IJAREEIE.2022.1104036	Not indexed
Comparative Analysis Of Mppt Based Solar Charge Controller	M.Prabhu Raj1, N.Vengadeshkumar 2, D.Vickram3, S.Hemachandar4	GIS SCIENCE JOURNAL	May-22	9(5), 1067-1076, ISSN: 1869-9391	http://www.gisscience.net/	DOI:20.18001.GSJ.2022.V9I4.22.39206	Not indexed
Automatic Solar Panel Cleaning System	M.Prabhu Raj1, Barath Kumar 2, D.Kesavan3	GIS SCIENCE JOURNAL	May-22	9(5), 1077-1090, ISSN NO : 1869-9391	http://www.gisscience.net/	DOI:20.18001.GSJ.2022.V9I4.22.39207	Not indexed

Automatic Obstacle Avoidance And Pothole Filling Robot	Dhanya N, Keerthana G, Anjana G, Saravanakumar M	International Journal of Scientific Research and Engineering Development	May-22	Volume 5 Issue 3, ISSN :2581 - 7175	http://www.ijсреd.com/	http://www.ijсреd.com/volume5/issue3/IJSRED-V5I3P2.pdf	Not indexed
Automatic Solar Powered Grasscutter	M.Saravanakumar,I .Pavadharani ,M.Sangeetha ,V.Vishaal	International Research Journal of Modernization in Engineering Technology and Science	May-22	Volume:04/Issue:05/ISSN 2582-5208	https://www.irjmets.com/	https://www.irjmets.com/uploadedfiles/paper//issue_5_may_2022/22610/final/fin_irjmets1652300143.pdf	Not indexed
An Intelligent neural classifier model for food quality assurance and modeling uncertainties in IoT Environment for sensor failure detection	Dr.S.N.Deepa & Dr.N.Yogambal Jayalakshmi	Computer Assisted Methods in Engineering and Science	Mar-22	v. 29, n. 1-2, p. 105-123,ISSN: 2299-3649	https://comes.ipp.t.pan.pl/index.php/comes/article/view/409	http://dx.doi.org/10.24423/comes.409	Scopus
Autonomous Smart Grid Management and Control by Using IoT	Kirubadevi, S., N. Hemalatha, E. Sankaran, T. Sathesh Kumar, G. Nageswara Rao, and S. Hemavathi	System assurance engineering and management	Mar-22	13, 625-632,ISSN 0976-4348	https://link.springer.com/article/10.1007/s13198-021-01565-2	doi.org/10.1007/s13198-021-01565-2	Scopus
Improving the Efficiency of Photovoltaic Panels Using Machine Learning Approach	Rashmita Khilar, G. Merlin Suba, T. Sathesh Kumar, J. Samson Isaac, Santaji Krishna Shinde, S. Ramya, V. Prabhu and Kuma Gowwomsa Erko	International Journal of Photoenergy	May-22	Volume 2022, ISSN: 1110-662X	https://www.hindawi.com/journals/ijp/about/	https://doi.org/10.1155/2022/4921153	SCIE

