PANIMALAR ENGINEERING COLLEGE

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DEPARTMENT OF INFORMATION TECHNOLOGY

YEAR	TOTAL JOURNAL PAPERS	JOURNAL PUBLICATION					
		WOS (SCI/ESCI)	SCOPUS	QUARTILES RANKING			
				Q1	Q2	Q3	Q4
2022-2023	20	12	8	3	4	9	4

JOURNAL PUBLICATIONS
2022-2023

S. N	Nameof the Faculty	All Authors Name (As Mentioned in the Article)	Title of the Paper	Journal Name & Publisher	Vol, Issue, Page No, Month , Year of publication&ISSN No.	Impact Factor & Quartiles Ranking	Indexed in SCIE/ ESCI/ SCOPUS	DOI-Link	PAPER LINK
1.	Dr. D.Karunkuzhali	B. Meenakshi, D.Karunkuzhali	Enhanced Elman spike neural network for cluster head based energy aware routing in WSN	Transactions on Emerging Telecommunications Technologies, John Wiley and Sons Inc	Volume 34, Issue 3, March 2023, ISSN:21613915	5.0 Q1	SCIE, SCOPUS	https://doi.org/10.1002/ett.4708	https://www.scopus.com/record/display.uri?eid=2-s2.0-85145082691&origin=resultslist&sort=plf-f
2.	Dr.K.Sridharan	B, Ravi Prasad,Hussain, Mohammed Ashfaq, K, Sridharan, CosioBorda, Ricardo Fernando,C, Geetha ,	Support vector machine and neural network for enhanced classification algorithm in ecological data	Measurement: Sensors, Elsevier Ltd	Volume 27, Article no: 100780, pp 1-5, June 2023, ISSN: 2665-9174	3.1 Q3	SCOPUS	DOI10.1016/j.measen.2023.100780	https://www.scopus.com/record/display.uri?eid=2-s2.0-85161346601&origin=resultslist

3.	Dr.BalaSundaraGanapathy	Nagabhooshanam, N., BalaSundaraGanapathy, Ravindra Murthy, C., Mohammed Saleh, A.A., CosioBorda, R.F.	Neural network based single index evaluation for SQL injection attack detection in health care data	Measurement: Sensors, Elsevier Ltd	Volume 27 Article number 100779 June 2023, ISSN: 2665-9174	3.1 Q3	SCOPUS	https://doi.org/10.1016/j.measen.2023.100779	https://www.scopus.com/record/display.uri?eid=2-s2.0-85160397782&origin=resultslist&sort=plf-f
4.	Dr.B. B.Karthikeyan	B.Karthikeyan, V.Mohan, G.Chamundeeswari, M.RUBA	Deep Learning Driven Crop Classification and Chlorophyll Content Estimation for the Nexus Food higher Productions using Multi-spectral Remote Sensing Images	Global Nest Journal, Global Nest	Volume 25, Issue 3, Pages 164 - 173, Feb 2023, ISSN:1790-7632	1.0 Q3	SCIE, SCOPUS	https://doi.org/10.30955/gnj.004560	https://www.scopus.com/record/display.uri?eid=2-s2.0-85150738056&origin=resultslist&sort=plf-f
5.	Dr.B. B.Karthikeyan	Karthikeyan B Nithya K Alkhayyat, Ahmed Yousif, YousifKerrar	Artificial Intelligence Enabled Decision Support System on E-Healthcare Environment	Intelligent Automation and Soft Computing, Tech Science Press	Volume 36, Issue 2, Pages 2299 - 2313, 2023, ISSN:1079-8587	3.5 Q3	SCOPUS	https://doi.org/10.32604/iasc.2023.032585	https://www.scopus.com/record/display.uri?eid=2-s2.0-85146161510&origin=resultslist&sort=plf-f
6.	Dr.B. B.Karthikeyan	Karthikeyan B., Mohanasundaram R. Suresh P. and JaganBabu J.	Deep learning and machine learning based air pollution prediction model for smart environment design planning	Global Nest Journal, Global Nest	Volume 25, Issue 5, Pages 11 - 19, May 2023, ISSN:1790-7632	1.0 Q3	SCIE SCOPUS	DOI10.30955/gnj.004735	https://www.scopus.com/record/display.uri?eid=2-s2.0-85163745368&origin=resultslist
7.	Dr.B. B.Karthikeyan	V. Venkatesan K. Nithya Karthikeyan B Adilakshmi A.	A Deep Learning Data Augmentation Experiment to Classify Agricultural Soil Moisture to Conserve Plants	International Journal of Intelligent Systems and Applications in Engineering, Ismail Saritas	Volume 11, Issue 6s, Pages 114 - 119 , May 2023, ISSN:2147-6799	1.3 Q4	SCOPUS	-	https://www.scopus.com/record/display.uri?eid=2-s2.0-85168578549&origin=resultslist

8.	Dr.K.Rama Devi.	K.Rama Devi., E.Bhuvaneswari	An Enhancement in Data Security Using Trellis Algorithm with DNA Sequences in Symmetric DNA Cryptography	Wireless Personal Communication. Springer	Volume 129, Issue 1, Pages 387 – 398, March 2023, ISSN: 0929-6212	1.9 Q2	SCIE, SCOPUS	https://doi.org/10.1007/s11277-022-10102-8	https://www.scopus.com/record/display.uri?eid=2-s2.0-85141960267&origin=resultslist&sort=plf-f
9.	Dr. M. Sumithra	N.S. Madhuri , K. Shailaja DebasmitaSaha, Revathy P , K.B. Glory M. Sumithra	IOT integrated smart grid management system for effective energy management	Measurement: Sensors, Elsevier	Volume 24, December 2022, ISSN 26659174	3.1 Q3	SCOPUS	https://doi.org/10.1016/j.measen.2022.100488	https://www.scopus.com/record/display.uri?eid=2-s2.0-85139734973&origin=resultslist&sort=plf-f
10.	Mrs.S. Mary RexcyAsha	S, R., Neelakandan, S., Prakash, M., Mary RexcyAsha, S., Roberts, M.K.	Artificial humming bird with data science enabled stability prediction model for smart grids	Sustainable Computing: Informatics and Systems, Elsevier	Volume 36, Article number 100821, Dec 2022, ISSN:2210-5379	3.8 Q1	SCIE, SCOPUS	https://doi.org/10.1016/j.suscom.2022.100821	https://www.scopus.com/record/display.uri?eid=2-s2.0-85141509273&origin=resultslist&sort=plf-f
11.	Mrs.K. K. Muthulakshmi	J. SathyaPriya A. Bhagyalakshmi K. Muthulakshmi N. Deepa	DBAHHO: Deep belief network-based adaptive Harris Hawks optimization for adaptive ofoading strategy in mobile edge computing	The Journal of Supercomputing, Springer	Volume 78, Issue 15, Pages 16745 - 16769, October 2022, ISSN:0920-8542	2.5 Q2	SICE, SCOPUS	https://doi.org/10.1007/s11227-022-04501-8	https://www.scopus.com/record/display.uri?eid=2-s2.0-85129744822&origin=resultslist&sort=plf-f
12.	Mrs.K. K. Muthulakshmi	SaravanaSelvan, S. John Justin Thangaraj, J. Samson Isaac,T. Benil, K. Muthulakshmi, Hesham S. Almoallim, and SojanPaluk	An Image Processing Approach for Detection of Prenatal Heart Disease	BioMed Research International, Hindawi.,	Volume 2022 , Aug 2022, ISSN:2314-6133	2.6 Q2	SICE, SCOPUS	https://doi.org/10.1155/2022/2003184	https://www.scopus.com/record/display.uri?eid=2-s2.0-85136011017&origin=resultslist&sort=plf-f
13.	Mrs.K. K. Muthulakshmi	Rajalakshmi J. Sumangali K. Jayanthi J and Muthulakshmi K	Artificial intelligence with earthworm optimization assisted waste management system for smart cities	Global Nest Journal, Global Nest	Volume 25, Issue 4, Pages 190 - 197 January 2023, ISSN:1790-7632	1.0 Q3	SCIE, SCOPUS	https://doi.org/10.30955/gnj.004712	https://www.scopus.com/record/display.uri?eid=2-s2.0-85150738642&origin=resultslist&sort=plf-f

14.	Mrs.K. K. Muthulakshmi	Venkatagurunatham Naidu KolluVijayarajJanarthanan, Muthulakshmi K, R. MANIKANDAN	Cloud-Based Smart Contract Analysis in FinTech Using IoT-Integrated Federated Learning in Intrusion Detection	Data , MDPI	Volume 8, Issue 5, May 2023, ISSN: 2306-5729, ISSN: 2306-5729	2.2 Q2	ESCI SCOPUS	DOI10.3390/data8050083	https://www.scopus.com/record/display.uri?eid=2-s2.0-85160214243&origin=resultslist
15.	Mrs.K.Lalitha	AshfaukAhamed, A.K., Lalitha, K., Saravanan, S., Muthukumar, S.	Enhanced Deep Learning Based Non-Invasive Anomaly Detection of ECG Signals with Emphasis on Diabetes	International Journal of Intelligent Systems and Applications in Engineering, Ismail Saritas	Volume 11, Issue 6s, Pages 284 – 294, May 2023, ISSN:2147-6799	1.3 Q4	SCOPUS	Nil	https://www.scopus.com/record/display.uri?eid=2-s2.0-85167974560&origin=resultslist
16.	Mr. DilliBabu M	PrashantJohriMadhaviDhingra DilliBabu M BipinSuleArvind Kumar PandeyAnkitaVitthalKarale	Reuse Attack Prevention Through Randomization Traversal Algorithm with the Code Reduction Technique for Operating System Security	International Journal of Intelligent Systems and Applications in Engineering, Ismail Saritas	Volume 11, Issue 3s, Pages 29 - 34 , Feb 2023, ISSN:2147-6799	1.3 Q4	SCOPUS	nil	https://www.scopus.com/record/display.uri?eid=2-s2.0-85165776121&origin=resultslist
17.	Mrs. Gunavathie, M.A.	Gunavathie, M.A., Susmi, S.J.	Pattern Recognition And Classification Of Eeg Signals For Identifying The Human-Specific Behaviour	Journal of Theoretical and Applied Information Technology, Little Lion Scientific	Volume 101, Issue 8, Pages 3017 - 3026 April 2023, ISSN 19928645	1.1 Q4	SCOPUS	nil	https://www.scopus.com/record/display.uri?eid=2-s2.0-85160395794&origin=resultslist&sort=plf-f
18.	Mrs. Gunavathie, M.A.	A.B. Feroz Khan , Mohammed MuzaffarHussain , S. Kalpana Devi , M.A. Gunavathie	DDoS attack modeling and resistance using trust based protocol for the security of Internet of Things	Journal of Engineering Research, University of Kuwait	Volume 11, Issue 2June 2023 Article number 100058, June 2023,ISSN3071877	0.9 Q3	SCOPUS, SCIE	DOI10.1016/j.jer.2023.100058	https://www.scopus.com/record/display.uri?eid=2-s2.0-85165931854&origin=resultslist
19.	Mrs.S.Sharanyaa	Darekar, R.V. Chavand, M.S. Sharanyaa, S. Ranjan, N.M.	A hybrid meta-heuristic ensemble based classification technique speech emotion recognition	Advances in Engineering Software, Elsevier Ltd	Volume 180, June 2023, ISSN:0965-9978	4.0 Q1	SCIE, SCOPUS	https://doi.org/10.1016/j.advengsoft.2023.103412	https://www.scopus.com/record/display.uri?eid=2-s2.0-85149771902&origin=resultslist&sort=plf-f

20.	Mrs.S.Sharanyaa	Mahajan, K., Alhasen, S., Chaudhari, D., Sharanyaa, S., Agrawal, D.	Jaya-Mutated Leader Algorithm Based Deep Feed Forward Neural Network for Intrusion Detection Using Cloud Computing	Cybernetics and Systems, Taylor & Francis	Dec 2022, ISSN: 0196-9722	0.5 Q3	SCIE, SCOPUS	https://doi.org/10.1080/01969722.2022.2157600	https://www.scopus.com/record/display.uri?eid=2-s2.0-85147426696&origin=resultslist&sort=plf-f