

**List of Research Publications for the Academic Year 2023-24 ( June 2023 - May 2024 )**

S.No	Author(s)	Title of the paper	Name of the Journal / Conference	Month and Year of Publication	Volume No. & Issue No. (or) DOI	Page Nos.	Journal ISSN	Indexing (SCI, WoS, Scopus, UGC )
1	G.Renuka, P.Anuradha, Poli Lokeshwara Reddy,V.Gurumurthy,K.Rajkumar	Implementation of TCAM Controller Enabled CDMA Network on Chip Router for High-Speed 5G Communications	SN Computer Science, Springer Nature journal	Sep 27th 2023	4	1-12		Springer Scopus
2	P.Anuradha, Ch.Navith,G.Renuka, M.Jithender Reddy,K.Rajkumar	A deep learning framework optimized by Harris Hawks algorithm for intelligent ECG classification in WSN-IoT environment	Journal of Intelligent and fuzzy systems	Nov 7th 2023	45, 5	8489-8501		SCI
3	P.Anuradha, K.Vasanth, G.Renuka, A.RajeshwarRao	IoT based enabling home automation system for individuals with diverse disabilities	e-prime-Advances in Electrical Engineering, Electronics and Energy	Nov 22nd 2023	6		2772-6711	Scopus
4	S. Satheeskumaran; K. Sasikala; Kumar Neeraj; A. SenthilKumar; N. Sharath Babu	IoT based ECG Signal Feature Extraction and Analysis for Heart Disease Risk Assessment	2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS)	Jul-23		1060-1066	ISBN: 979-8-3503-3360-2	Scopus
5	B.Pavitra,Dr.D.NarendarSingh,Sudhir Kumar Sharma	Remote Epilepsy and Seizures DAS for Alzheimer's Patients	European Chemical Bulletin	Jun-23	12 (Special Issue 4	16636-16647	2063-5346	Scopus

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6	B.Pavitra,Dr.D.NarendarSingh,Sudhir Kumar Sharma	Dementia prediction using novel IOTM (Internet of Things in Medical) architecture framework	Intelligent Data Analysis	Nov-23	vol. 27, no. S1	29-45	29-45	SCI
7	P. Nitha, T. Annamani, Vijaykumar Shankar Kamble, CH. Mohan Sai Kumar, T. Karthikeyan M. Sujaritha6	An effective Transportation System Method for Optimal Path Planning Using LogisticsUAVs Using Deep Q networks	(IJISAE) ELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	Jul-23			ISSN:2147-6799	Scopus
8	Sridhar Varadala, Annamani T, M Renuka; V Vinay Kumar; Arunkumar Madupu	Bagging ensemble mean-shift Gaussian kernelized clustering based D2D connectivity enabled communication for 5G networks	Scopus ELSEVIER	Dec-23				Scopus
9	Satheeskumaran, S., Sasikala, K., Neeraj, K., Senthilkumar, A., Sharath Babu, N.	IoT based ECG Signal Feature Extraction and Analysis for Heart Disease Risk Assessment	2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS)	Jul-23		1060-1066	979-8-3503-3361-9	Scopus
10	Raghu Indrakanti,E.Srinivas, V,Vinay Kumar,M. Renuka, N. Bala Sundara Ganapathy,Varadala Sridhar	Jarvis-Patrick-Clusterative African Buffalo Optimized Deep Learning Classifier for Device-to-Device Communication in 5G Networks	IETE Journal Research-Taylor &Francis	Nov-23	Vol.69 Issue 10,2023	1-13	ISSN:0377-2063	SCI

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11	G. Renuka, P. Anuradha, Poli Lokeshwara Reddy, V. Gurumurthy, K. Rajkumar	Implementation of TCAM Controller Enabled CDMA Network on Chip Router for High-Speed 5G Communications.	SN Computer Science	Sep-23	4	1-12	2661-8907	Scopus
12	Poli Lokeshwara Reddy, Sworna Kokila M L, K. Praveena, R. Jothilakshmi, D. Sugumar, Sudhir Ramadass ,Dr.R.G.Vidhya	Experimental Investigation for Detecting Mitotic Cells in Medical Image using an Automated Algorithm	International Journal on Recent and Innovation Trends in Computing and Communication	Aug-23	11	129-138	2321-8169	Scopus
13	S.Kannadhasan , Kanagaraj Venusamy , Poli Lokeshwara Reddy, R.Nagarajan	Analysis and Optimization of Antenna Technology Based On Impacts of 5G Radiation on Human Health and Environment	International Conference on Wireless Technologies, Networks, and Science 2022, AIP Conf. Proc. 2930, Published by AIP Publishing.	Nov-23	2930	1-8	1551-7616	Scopus

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14	Naga Swetha R, Vimal K. Shrivastava	Skin Disease Classification Using Deep Convolutional Neural Network on Jetson Nano Developer Kit	IEEE 3rd International Conference on Applied Electromagnetics, Signal Processing, & Communication (AESPC), Bhubaneswar, India, 2023	November 2023		1-4		Scopus
15	Amrita Sajja, S. Rooban	Design of Low Power SAR ADC with novel regenerative comparator	WSEAS Transactions on Circuits and Systems	Jan-24	Vol-22	166-172	2224-2663	Scopus
16	M. Kiran Kumar, M Shridhar Reddy and Amrita Sajja	Latency Optimized Approximate LUT based Radix-16 Booth Multiplier	Material Science and Technology	Dec-23	VOI-22 No 12	238-246	1005-0299	Scopus
17	Ankur Jain, Muddada Murali Krishna, Sai Nitisha Tadiboina, Kapil Joshi, Yerrolla Chanti, K. Sai Krishna	An analysis of medical images using deep learning	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering	July'2023		1440-1445		IEEE Xplore
18	K. Sai Krishna, P Grace Kanmani Prince	Scale Invariant Deep Neural Multiple Feature Learning Based Boosted Support Vector Entropy Classification for Breast Cancer Diagnosis using Mammograms	SSRG International Journal of Electrical and Electronics Engineering, ISSN: 2348-8379	31-08-2023	Volume 10 Issue 8	79-88	2348-8379	Scopus

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19	K. Sai Krishna, P Grace Kanmani Prince	Introducing CWDCMFE-MBRC Technique for Breast Cancer Detection: A Comparative Survey of Novel Approaches	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology	07-11-2023				IEEE Xplore
20	Dr. B. Gopinath, V.Vinay Kumar,Hitesh Kag,Kapil Joshi,Mr. Akshay Rajput,Dr.Dhiraj Kapila	Medical Image segmentation using Deep Learning Techniques Advancement and challenges	2023 3rd International Conference on Advanced Computing and Innovative Technologies in Engineering(ICACITE)	July 2023				IEEE Xplore
21	Varadala Sridhar1, J. Sudha Rani1, M. Renuka1, E. Naga Venkata Purna Chandra Rao2, V. Vinay Kumar3 and P. Praveen Kumar3	Multi-Objective Binomial Scrambled Bumble Bees Mating Optimization for D2D Communication in 5G Networks	IETE Journal Research-Taylor &Francis	Oct-1		1-11		SCI
22	Kiran Kumar Mandrumaka; Raghu Vamshider Reddy Gankidi; Manju Bhargavi; Amrita Sajja	Design of high-speed vedic multiplier using three-operand parallel prefix adder	AIP Conference Proceedings	Jan-24				Scopus
23	Chhaya Nayak,Smruti Sephalika Barik, Dr. Vinay Kumar Nassa, Dr. Manoj Ashok Sathe, K. Sai Krishna, Jondhale Sanjay Dattatray	Revolutions of Block Chain Technology in The Field of Cryptocurrencies	A Journal for New Zealand Herpetology BioGecko Journal UGC Care List Group 2 - Web of Science Journal	2023	Vol 12 Issue 01 2023	1054-1062	<a href="http://biogecko.co.nz/2023.v12.i01.pp1054-1062">http://biogecko.co.nz/2023.v12.i01.pp1054-1062</a>	Scopus

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24	M.Narayana, Likhith Prudhivi, Ch. Subrahmanyam, M. Gopi Krishna, and Salim Chavan	Animal Species Image Classification	2023 3rd International Conference on Artificial Intelligence and Signal Processing	June 2023			ISSN:2640-5768	Scopus
25	M.Narayana, A.Vaishnavi	Implementation of Fast Binary Sorting Network Generated by Counters	Journal of Namibian Studies	10-01-2023	35		ISSN:2197-5523	Scopus
26	M.Narayana, Y.Gopi,	Efficient Lossless Image Compression for Buffer less video Streaming using Fuzzy-Based Modified Golomb Rice Encoding	Industrial Engineering Journal	01/09/2023	Volumke 52, Issue:2	149-160	ISSN: 0970-2555	Scopus
27	M.Narayana, M.Nikhitha	Enhanced Single- Dimensional Wavelet-Driven ECG Compression System Empowered by a Low Power SPIHT Decoder for Quality Assurance	Industrial Engineering Journal	01/09/2023	Volumke 52, Issue:2	138-148	ISSN: 0970-2555	Scopus
29	Dr. B. Gopinath, V.Vinay Kumar,Hitesh Kag,Kapil Joshi, Mr. Akshay Rajput,Dr. Dhiraj Kapila	Medical Image segmentation using Deep Learning Techinques	(ICACITE 2023), IEEE Xplore	Jul-23			DOI:10.1109/ICACITE57410.2023.10183260	Scopus Indexed

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30	M. Chithambarathanu1 , V. Vinay Kumar2 ,Sreelekha P3 ,Samson Isaac. J4 , Mandeep Kaur Ghumman5 , D. Abdus Subhahan6	An Innovation Development of Light Weight Deep Learning Algorithm for Smart Healthcare Neural Science Management M. Chithambarathanu1 , V. Vinay Kumar2 ,Sreelekha P3 ,Samson Isaac. J4 , Mandeep Kaur Ghumman	IEEE Xplore	July-2023	(ICECONF)   979-8-3503-3436-4/23/\$31.00 ©2023 IEEE		DOI: 10.1109/ICECONF57129.2023.1008363	Scopus Indexed
31	Dr M Santhosh, Chandrakala Mukku	Tri-stage offline Telugu character recognition system based on fusion of HOG and ULBP	ELSAVIER Measurement: Sensors	Feb-21	Article number101059		Online ISSN: 2665-9174	Scopus
32	Ch. Sravana Lakshmi and Rajesh Thumma	Design and Implementation of Area Efficient MAC Unit Using Reversible Logic Gates	Disruptive technologies in Computing and Communication Systems, TAYLOR & FRANCIS	April-2024				Scopus Indexed
33	Mr. Abdul Aleem, Dr. Rajesh Thumma	Design Methods for the Cluster Head Selection in WSNs based on Node Residual Status to Enhance the Lifetime and Performance of the Network	International Journal on Recent and Innovation Trends in Computing and Communication	Nov-23	Volume: 11 Issue: 10		ISSN: 2321-8169	Scopus
<b>TOTAL NUMBER OF PUBLICATIONS</b>			<b>SCI/WEB OF SCIENCE/SCOPUS/Conference/Book Chapters</b>		<b>29</b>		<b>UGC</b>	<b>4</b>