

List of Research Publications for the Academic Year 2022-23 (June 2022 - May 2023)

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	D. K. Shukla, A. Dey, A. Singh, S. N. Tripathi, S. Bonda, S. Saha, P. K. Iyer, V. K. Srivastava, R. V. Jasra,	Disentangled ultrahigh molecular weight polyethylene thin film as a transparent substrate for flexible flat panel display.	Journal of Applied Polymer Science	Jul-24	Volume139, Issue 39	e52932	https://doi.org/10.1002/ap.p.52932	Wos/SCI
2	B. Srikanth · J. V. R. Ravindra · P. Ramakrishna · D. Ajitha	Design and Implementation of Power-Eficient Cryptography Scheme Using a Novel Multiplication Technique	Wireless Personal Communications(Springer)	Apr-24			https://doi.org/10.1007/s11277-023-10427-y	SCI
3	Amrita Sajja, S. Rooban	A chopper amplifier with a pseudo MOS resistor-based tunable bandwidth for EEG applications	Microelectronics International © Emerald Publishing Limited	Oct-22	[ISSN 1356-5362]		[DOI 10.1108/MI-06-2022-0106]	SCI
4	A.Madhusudhan	Selective Mapping Scheme for Universal Filtered Multicarrier	intelligent Automation & Soft Computing (Tech Science Press)	Jan-24	Volume 36, No 2	1273-1282	https://doi.org/10.32604/iasc.2023.030765	SCI
5	Rajesh Kumar Patnaik,Shyamala Bharathi,Sivaramkrishnan Mathiyalagan,Rajesh Thumma,	The Potential Role of PV Solar Power System to Improve the Integration of Electric Energy Storage System	International Journal of Photoenergy, Hindawi	45495	Volume 2022, Article ID 8735562, 11 pages		https://doi.org/10.1155/2022/8735562	SCI
6	Sravanthi C,L Praveen Kumar	Video Compression based on zig zag 3d DCT and run length encoding for multimedia communication systems	International Journal of Pervasive Computing and communications	45495		1742-7371	https://doi.org/10.1108/IJPCC-01-2022-0012	Web of science

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7	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	Mar-24	Vol 12 Issue 01 2023	1054-1062	ISSN NO: 2230-5807	Web of Science
8	Dr Rajesh Thumma, Pilli Prashanth	Design and verification of daisy chain serial peripheral interface using system Verilog and universal verification methodology	TELKOMNIKA (Telecommunication Computing Electronics and Control)	Feb-24	Vol. 21, No. 1, February 2023,	pp. 168-177	DOI: http://doi.org/10.12928/telkomnika.v21i1.24093	Scopus
9	Dr. Poli Lokeshwara Reddy	Remote continuous Health Monitoring System Using Wearable Sensor Networks and IoT	International Journal of Intelligent Systems and Applications in Engineering	Dec-24	Vol.10	190-194	2147-6799	Scopus
10	P.Lavanya, Dr.K.Haripriya	Design of low power half select free write assist 9T SRAM cell using trimode MT-CMOS technique	NeuroQuantology	Oct-22	20	678-689	10.14704/nq.2022.20.12.N77051	Scopus
11	Narendar Singh.D, Pavitra.B, Nagaswetha.R, Anil Kumar.G	An Intelligent Virtual Assistant using Raspberry Pi	Mathematical Statistics and Engineering Applications	Jun-22	Vol.71, No.3	1261-1270	ISSN: 2326-9865	Scopus
12	Nagaswetha.R, Narendar Singh.D, Pavitra.B, Ashwini.G, Anil Kumar.G	Data mining for student performance analysis by Clustering K-Means Algorithm	Mathematical Statistics and Engineering Applications	Jun-22	Vol.71, No.3	1271-1287	ISSN: 2326-9865	Scopus

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13	E.Srinivas,K.Ganesh	High Speed yet power efficient 8-bit ROBA Multiplier on FPGA for DSP Applications	Journal of Neuro Quantology	Nov-24	Vol.No.20	5517- 5525	DOI:10.14704/NQ.2022.20.15.NQ88555	Scopus

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14	E.Srinivas, N.Devi Shivani	Design of Low Power 10-Bit Column Driver DAC Architecture for Active Matrix Displays	Journal of Neuro Quantology	Nov-22	Vol.No.20	5548- 5555	DOI:10.14704/NQ.2022.20.15.NQ88558	Scopus
15	E.Srinivas,J.Rajasri	A High Gain and Lownoise Instrumentation Amplifier By using Telescopic amplifier for Neural Sensing Applications	Journal of Neuro Quantology	Nov-22	Vol.No.20	5542-5547	DOI:10.14704/NQ.2022.20.15.NQ88557	Scopus
16	G.F.Harish Reddy, Dr.Ashish Singh*	MITIGATION OF SHORT CHANNEL EFFECTS IN FIELD EFFECT TRANSISTOR (FET) USING ALE WITH THERMAL APPROACH	Journal of Data Acquisition and Processing	Apr-23	Volume38, Issue 2	889-903	ISSN: 1004-9037 https://sjcycjcl.cn/ DOI: 10.5281/zenodo.776653	Scopus
17	Dr. P. Ramakrishna,B. Akhil,B. Srikanth,S. Pothalaiah	An Inductor Less Low Power Low Noise Amplifier for Wireless Applications	Res Militaris	Jan-2023	Vol.13		ISSN: 2265-6294	Scopus
18	D.Narendar Singh,P. Ramakrishna,J. Nikhileshwar,G. Akshaya	Lorawan-Based Satellite Monitoring System Uses IMU Sensor	Res Militaris	Dec-22	Vol.12		ISSN: 2265-6294	Scopus
19	B. Nithin ,V.Vinay Kumar , A. Sathwika , M. Sai Vineeth Reddy	College Bus Security And Student Monitoring System	International Journal Of Emerging Technologies And Innovative Research	July -2022	Vol. No. 9	c246-c260	ISSN : 2349-5162	UGC

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20	L Praveen Kumar,G Anil Kumar	Image Denoising for Effective Fake Image Identification using CNN	International Journal of Research Publication and Reviews	Feb-2023	Volume 4, Issue 2	, pp 825-832	ISSN 2582-7421	UGC
21	Dhiraj Kapila,Prince Tehseen Gannai,G.Sreenivasa Raju,Lims Thomas,Manisha Girase	IoT Research on Healthcare Data to Control Illness of Oncology	Advance Computing and Innovative Technologies in Engineering(Conference)	Jul-24	Vol.7,No.2	2229 - 2233	978-1-6654-3789-9	IEEE Xplore(Scopus indexed)
22	Dr. P. Ramakrishna	Design and Implementation of Power-Efficient Cryptography Scheme Using a Novel Multiplication Technique Wireless Personal Communications(Springer),	IEEE Conference	Aug-24	DOI: https://doi.org/10.21203/rs.3.rs-1699401/v1		NA	Scopus
23	Pabbaraja Sameer; V Anirudh Raj Kaushik; Raghu Indrakanti; Ch. Manoj Kumar S	Brain Tumor Segmentation using LinkNet	2022 Second International Conference on Next Generation Intelligent Systems (ICNGIS)	IEEE Conference	DOI: 10.1109/ICNGIS5495.5.2022.10079780	pp. 1-5	NA	Scopus
24	Chaudhuri Manoj Kumar Swain; Indrakanti Raghu; Jagatpati Raiguru	Performance Analysis of OFDM and OQAM/FBMC based Communication Networks under Vehicular Channel Models	2022 Second International Conference on Next Generation Intelligent Systems (ICNGIS)	IEEE Conference	DOI: 10.1109/ICNGIS5495.5.2022.10079890	pp. 1-5	NA	Scopus
25	Sathwik Mangu; Raghu Indrakanti; Srimanth Tenneti; P Ravinder Rao	Respiratory Disease Detection using Depthwise Seperable Convolutional Neural Networks	2022 Second International Conference on Next Generation Intelligent Systems (ICNGIS)	IEEE Conference	DOI: 10.1109/ICNGIS5495.5.2022.10079793	pp. 1-5	NA	Scopus

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26	M.Narayana, D. Chandraprakash, Nikhitha. Gaddam	Defect Detection Based on Image Recognition	EBOOK-Proceedings of the International Conference on Cognitive and Intelligent Computing	Nov-24	Volume 1	pp 587-600	ISBN: 978-981-19-2350-0 (eBook)	Scopus
27	Dr. Tarun Parashar, Kapil Joshi, Ravikumar R. N., Dr. Devvret Verma, Dr. Narendra Kumar.K. Sai Krishna	Skin Disease Detection using Deep Learning	11th International Conference on System Modeling & Advancement in Research Trends, IEEE Conference	Dec-22		1380-1384	ISBN: 978-1-6654-8732-0	IEEE Xplore
28	Ch. Meghana Reddy ; Souvik Dhara ; B. Srikanth ; P. Ramakrishna	Designing a D-Flipflop Using Novel Sleep Transistor Technique	IEEE Xplore:	Aug-22				Scopus
29	Dr. Poli Lokeshwara Reddy	Fuzzy Optimized Particle Swarm Algorithm for Internet of Things Based Wireless Sensor Networks	International Conference on Data Science and Applications (ICDSA 2022)	Feb-23	Vol.551, https://doi.org/10.1007/978-981-19-6631-6_32	455-466	2367-3389	Scopus
30	Dr. Poli Lokeshwara Reddy	DWT Algorithm for Macro and Micro Block based Multiple Histogram Shifting Based Video Data Hiding	International Conference on Automation, Computing and Renewable Systems (ICACRS 2022)	Feb-2024	DOI: 10.1109/ICACRS555.17.2022.10029055	1121-1127	NA	Scopus
31	N. Sharath Babu; S. Satheeskumaran; K. Sasikala	High-Performance ADC Design Using Fast Prediction Logic with Dynamic Clock Stretching Mechanism	IEEE Xplore:	Apr-23	ISBN: 978-1-6654-9199-0		DOI: 10.1109/ICSCDS56580.2023.10104645	Scopus

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32	Dr. Poli Lokeshwara Reddy	Splicing Image Forgery Detection by Deploying Deep Learning	International Conference on Automation, Computing and Renewable Systems (ICACRS 2022)	February -2024	DOI: 10.1109/ICACRS555 17.2022.10029055	1116-1120	NA	Scopus
33	K. Sai Krishna	A Literature Survey on The Applications of Machine Learning Techniques in Medical and Bio-Informatics	Artificial Intelligence: Concepts, Methodologies, and Applications- AGPH Books	2022	Vol 1, First Edition	103-112	ISBN: 978-93-94339-63-7	Book chapter
34	D.Narendar Singh, Pavitra B, Ashish Singh and Jayasimha Reddy A	Performance of IoT-Enabled Devices in Remote Health Monitoring Applications	Computational intelligence in medical decision making and diagnosis-CRC book chapter	Mar-24	First edition	pg:130	ISBN 978103231377 1 or https://doi.org/10.1201/9781003309451-8	Book chapter
35	Chaudhuri Manoj Kumar Swain, Ashish Singh, Indrakanti Raghu	Electroencephalogram (EEG) Signal Denoising Using Optimized Wavelet Transform (WT) A Study	Computational intelligence in medical decision making and diagnosis-CRC book chapter	Mar-23	First edition		ISBN 978103231377 1 or https://doi.org/10.1201/9781003309451-11	Book chapter
36	M. Sharma, P singh, Dr. Abdul Hannan Abdul Mannan Shaikh, K. Sai Krishna	Advanced Artificial Intelligence	Text Book-Book Rivers Publication	Sept'22	1st edition		ISBN-10 : 9355155190	Text Book
37	Anil kumar Gona, Dr.D.Narendar Singh, Nagaswetha.R, B.Pavitra,	Introduction to Big Data and Hadoop	Nitya Publications	Feb-23	First edition	Pages:251	ISBN:9789356410213	Text book

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38	Anil kumar Gona,L.Praveen Kumar,A.Madhusudhan,G. Ashwini	Introduction to cloud computing	Nitya Publications	Feb-2024	First edition	Pages:198	ISBN:9789356410206	Text book
39	Dr.D.Narendar Singh,Anil kumar Gona,Nagaswetha.R,B.Pavitra,G.Ashwini	Introduction to microprocessors & microcontrollers	Rudra Publications	Dec-22	First edition		Academic	Text book
TOTAL NUMBER OF PUBLICATIONS			SCI/WEB OF SCIENCE/SCOPUS/Conference/Book Chapters		37	UGC	2	