



VARDHAMAN COLLEGE OF ENGINEERING (AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified
Kacharam, Shamshabad, Hyderabad – 501218, Telangana, India

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Faculty Research Publications in Journals Academic Year 2022-2023

#	Title of the paper	Authors	Name of Journal	DOI	Publisher	Month/Year	Indexing
1.	OHGCNet: Optimal feature selection-based hybrid graph convolutional network model for joint DR-DME classification	V. Purna Chandra Reddy Kiran Kumar Gurrala	Biomedical Signal Processing and Control, Volume 78, ISSN: 1746-8108.	https://doi.org/10.1016/j.bspc.2022.103952	Elsevier	September 2022	SCIE (Q1)
2.	FDADE: Flow direction algorithm with differential evolution for measurement of intima-media thickness of the carotid artery in ultrasound images	Tareeq Zaid Nagashettappa Biradar Mahesh V Sonth Sanjaykumar C. Gowre Baswaraj Gadgay	Biomedical Signal Processing and Control, ISSN: 1746-8108.	https://doi.org/10.1016/j.bspc.2022.104350	Elsevier	Feb 2023	SCIE (Q1)
3.	Blind Modulation Classification in MIMO-OFDM Using Time-Frequency Analysis And Customized CNN Architecture	Aylapogu PramodKumar Gurrala Kiran Kumar	Transactions on Emerging Telecommunications Technologies ISSN : 2161-3915.	https://doi.org/10.1002/ett.4720	John Wiley & Sons	January 2023	SCIE (Q1)
4.	Prediction of patient's neurological recovery from cervical spinal cord injury through XGBoost learning approach	P. Kalyani Y. Manasa Sk Hasane Ahammad M. Suman Twana Mohammed K Md. Amzad Hossain Ahmed Nabih Zaki R	European Spine Journal , Volume 32, pages 2140–2148, (2023)	DOI: https://doi.org/10.1007/s00586-023-07712-6	Springer Nature	April 2023	SCIE (Q1)
5.	Intelligent Trigonometric Particle Filter for visual tracking	Hathiram Nenavath K. Ashwini Ravi KumarJatoth SeyedaliMirjalili	ISA Transactions, Volume 128, Part A, Pages 460-476 ISSN 0019-0578	https://doi.org/10.1016/j.isatra.2021.09.014	ISA - Instrumentation , Systems, and	Sep 2022	SCIE (Q1)

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					Automation Society		
6.	A systematic review on recent developments in nonlocal and variational methods for SAR image despeckling	Satyakam Barahaa Ajit Kumar Sahoo Sowjanya Modalavalasa	Signal Processing, ISSN: 0165-1684 Volume 196	https://doi.org/10.1016/j.sigpro.2022.108521	Elsevier	July 2022	SCIE (Q1)
7.	Proferring Secure Energy Aware Network on Chip (NoC) using Incremental Cryptogine	Sangeeta Singh JVR Ravindra B Rajendra Naik	Sustainable Computing: Informatics and Systems 35 (2022) 100682, ISSN: 2210-5379_Volume 35	DOI: 10.1016/j.suscom.2022.100682	Elsevier	Sep 2022	SCIE (Q1)
8.	A novel high gain dual band ear bud shaped patch antenna for under water communications	Aylapogu Pramod Kumar Gurrala Kiran Kumar	Transactions on Emerging Telecommunications Technologies, Volume 33, Issue 11, ISSN: 2161-3915	DOI: 10.1002/ett.4577	John Wiley & Sons	July 2022	SCIE (Q1)
9.	Convolutional neural network based object detection system for video surveillance application	John Philip Bhimavarapu, Sriharsha Ramaraju, Dimmita Nagajyothi, Inumula Veeraraghava Rao	Concurrency and Computation-Practice & Experience, ISSN 1532-0626, 2023. Volume 35, Issue 31	https://doi.org/10.1002/cpe.7461	John Wiley & Sons	February 2023	SCIE (Q2)
10.	Energy Aware Cooperative Image Transmission for Multi-Radio Multi-Hop Wireless Sensor Networks	Praveen Kumar Devulapalli Pardha Saradhi Pokkunuri Maganti Sushanth Babu SumalathaRachapogula	International Journal of Intelligent Engineering and Systems ISSN:2185-310X E-ISSN:2185-3118. Vol.15, No.4	DOI: 10.22266/ijies2022.0831.05	Intelligent Networks and Systems Society	2022	SCOPUS (Q2)
11.	Artificial intelligence in steering the digital transformation of collaborative technical education	A. Jaya Lakshmi Ashok Kumar M. Sunil Kumar Syed Imran Patel S.K. Lokesh Naik J.V.N. Ramesh	Journal of High Technology Management Research, Volume 34, Issue 2, 2023, ISSN 1047-8310	DOI 10.1016/j.hitech.2023.100467	Elsevier	2023	SCOPUS (Q2)
12.	Enhanced Long Short Term Memory for Early	M. Vinoth Kumar M. Prakash M. Naresh Kumar	Intelligent Automation & Soft Computing, 35(2), 1277-1293, ISSN: 1079-8587	https://doi.org/10.32604/iasc.2023.025591	Tech Science Press	July 2022	SCIE (Q3)

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	Alzheimer's Disease Prediction	H. Abdul Shabeer					
13.	Optimal Relay Selection Strategy for EnergyEfficient Cooperative Multi-Hop Image Transmission in Wireless Multimedia Sensor Network	Praveen Kumar Devulapalli, Sushanth Babu Maganti Satish Kumar Gae Sumalatha Rachapogula	Cybernetics and Systems, ISSN:0196-9722.	https://doi.org/10.1080/01969722.2022.2157602	Taylor & Francis	Dec 2022	SCIE (Q3)
14.	Electro-optic power/signal quality optimization based on the interaction between electro-optic modulators and electrical filters	Ahmed Nabih Zaki Rashed Baraa Riyadh Altahan, Thaticharla Manasavenna Pala Kalyani P. Poorna Priya M. Rama Krishna S. K. Hasane Ahammad	Journal of Optical Communications ISSN: 2191-632, 2022.	https://doi.org/10.1515/joc-2022-0124	Walter de Gruyter	December 2022	SCIE (Q3)
15.	Defected Ground–Structured Symmetric Circular Ring Antenna for Near-Field Scanning Plasmonic Applications	Sk Hasane Ahammad D. Nagajyothi P. Poorna Priya D. Sreelakshmi Baraa Riyadh Altahan Lassaad K. Smirani Md. Amzad Hossain Ahmed Nabih Zaki R	PLASMONICS, ISSN 1557-1955. 2023. Volume 18, Issue 2, Pages 541 – 549.	DOI:10.1007/s11468-022-01784-8	Springer Nature	April 2023	SCIE (Q3)
16.	A 32 element circular-shaped corporate feed antenna array for milli meter wave femtocel	Harini V Sairam M V S Madhu R	International Journal of Advanced Technology and Engineering Exploration, Vol 9(95) ISSN (Print): 2394-5443 ISSN (Online): 2394-7454.	http://dx.doi.org/10.19101/IJATEE.2021.875122	Accent Social and Welfare Society	October 2022	SCOPUS (Q3)
17.	A Novel Method for Seismic Time –Frequency Analysis via Wavelet Filter Bank Tree	Hirald Dwaraka Praveena A. Jaya Lakshmi Katta Sudha P Geetha	(AES) Advanced Engineering Science, ISSN: 2096-3246 Volume 54, Issue 09,		Editorial Department of Journal of Sichuan University	November, 2022	SCOPUS (Q3)
18.	Prediction of Intermittent Failure by Presage Debacle Model in Network on Chip	Sangeeta singh JVR Ravindra B. Rajendra Naik	International Journal of Modern Education and Computer Science, Open	DOI: 10.5815/ijcnis.2022.04.06	Modern Education and Computer Science Press	Aug 2022	SCOPUS (Q3)

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			Access Volume 14, Issue 4, Pages 75 – 88, ISSN 20750161				
19.	High-performance mobility management using KGMO in heterogeneous network	Kiran Mannem Pasumarthy Nageswara Rao S. Chandra Mohan Reddy	International Journal of Wireless and Mobile Computing, Volume 24 Issue 3-4, 2023, pp 235–242. ISSN 1741-1084	https://doi.org/10.1504/ijwmc.2023.131308	Inderscience Publishers	2023	SCIE (Q4)
20.	Quality Assessment of Ambulatory Electrocardiogram Signals by Noise Detection using Optimal Binary Classification	V. Supraja P. Nageswara Rao M. N. Giriprasad	International Journal on Recent and Innovation Trends in Computing and Communication, Volume: 10 Issue:10, ISSN: 2321-8169.	DOI: https://doi.org/10.17762/ijritcc.v10i10.5739	Auricle Global Society of Education and Research	October 2022	SCOPUS (Q4)
21.	Miniaturized Asymmetric Coplanar Strip Fed Ultra-Wideband Antenna With Band Notching Characteristics	Bharghava Punna Nageswara Rao Pasumarthy	Telecommunications and Radio Engineering, Volume 81, Issue 7, 2022, pp. 49-59, ISSN: 0040-2508,	DOI: 10.1615/TelecomRadEng.2022044182	Begell House	Aug 2022	SCOPUS (Q4)
22.	Band-notched UWB antenna and analysis with C-shaped SRR for Wi-MAX/WLAN and satellite communications	Aylapogu Pramod Kumar Gurralla Kiran Kumar Donga Madhu Sudan Dhavaleswarapu Venkatachari	International Journal of Systems, Control and Communications, Vol. 13, No. 3, pp 253-265. ISSN: 1755-9359	https://doi.org/10.1504/IJSCC.2022.123883	Inderscience publishers	2022	SCOPUS (Q4)
23.	Simultaneous Localization and Mapping Portable Assistive Device for Visually Impaired People	Abhinay Saini Harshini E J. Krishna Chaithanya Revanth Kaparathi	European Chemical Bulletin (ISSN 2063-5346) 2023, 12(Special Issue 1), 642-645,	-	Deuton-X Ltd	2023	SCOPUS (Q4)
24.	Automatic pain intensity detection by analyzing facial expressions caused due to pain	Sujith Kumar Reddy Mali Krishna chaithanya Janapati Rajapriyudu Katroju	European Chemical Bulletin (ISSN 2063-5346) 12(Special Issue 1), 621-627. 2023	-	Deuton-X Ltd	2023	SCOPUS (Q4)
25.	Robotic Mobile Holder (For CAR Dashboards)	Srilatha Madhunala Bhavya Kanneti Priya Anathula	International Journal of Electronics and Telecommunications, 2023, VOL. 69, NO. 1, PP. 89-98, ISSN:2081-8491.	DOI: 10.24425/ijet.2023.144336	Polish Academy of Sciences, Committee of Electronics and	2023	SCOPUS (Q4)

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					Telecommunications		
26.	IoT Based wearable reader for visually impaired people	Bajjuri Maneesh Krishna chaithanya Janapati V Sandeep Kumar G Ramu	European Chemical Bulletin (ISSN 2063-5346) 12(Special Issue 1), 621-627. 2023	-	Deuton-X Ltd	2023	SCOPUS (Q4)
27.	A wideband G-shaped array antenna for X and Ku band applications	Ponugoti Vamshi Mysa Hari Haran Kumar Vaishnavi Govind, V. Harini Aylapogu Pramod Kumar	International Journal of Systems, Control and Communications, Vol. 14, No. 3, pp 195-206.	https://doi.org/10.1504/IJSCC.2023.131965	Inder science publishers	April 2023	SCOPUS(Q4)
28.	Design and Analysis of High Speed Multiply and Accumulation Unit for Digital Signal Processing Applications	Kausar Jahan Pala Kalyani V Satya Sai GRK Prasad Syed Inthiyaz Sk Hasane Ahammad	International Journal on Recent and Innovation Trends in Computing and Communication, 11(1):95-102.	DOI: https://doi.org/10.17762/ijrtcc.v11i1.6055 Date:2-01-2023	Auricle Global Society of Education and Research	Feb 2023	SCOPUS (Q4)
29.	Improved Network Framework For Cloud Manufacturing Through Blockchain Technology	R. Yamini S.Karunakaran, Sunil Kumar RM Prathiba.L Narender Chinthamu Lakshmi B P Kiran Kumar	European Chemical Bulletin, ISSN 2063-5346, 12(Special Issue 3), 627-634, 2023.	DOI: 10.31838/ecb/2023.12.s3.072	Deuton-X Ltd	March 2023	SCOPUS (Q4)
30.	Prediction of Quality Estimation by Supervised Learning for Electrocardiogram Noise Detection	Veerabomma Supraja, Pasumarthy Nageswara Rao Mahendra Nanjappa Giri Prasad	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, ISSN:2147-679921, 11(7s), 732-744.	https://ijisae.org/index.php/IJISAE/article/view/3011	Auricle Global Society of Education and Research	2023	SCOPUS (Q4)
31.	A compact low profile wideband circularly polarised antenna for WLAN applications	Aylapogu Pramod Kumar	International Journal of Systems, Control and	DOI: 10.1504/IJSCC.2023.129928	Inderscience Publishers	2023	SCOPUS (Q4)

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			Communications, Vol. 14, No. 2, 2023, ISSN: 1755-9340				
32.	Forgery Detection in Medical Image and Enhancement using Modified CLAHE Method	Shivani Pakala Pravalika Mantri Madhuri Badri, Dr. M. Naresh Kumar	Journal of Survey in Fisheries Sciences, Vol. 10 No. 4S (2023): Special Issue 4	DOI: https://doi.org/10.17762/sfs.v10i4S.1419	Journal of Survey in Fisheries Sciences	2023	SCOPUS
33.	RFID Based Smart Attendance Monitoring System Using IoT	Bajjuri Maneesh, Janapati Krishna Chaithanya, Valupali Sandeep Kumar Gangojula Ramu	International Journal of Innovative Science and Research Technology, ISSN No:-2456-2165. Volume 7, Issue 12	-	International Journal of Innovative Science and Research Technology	Dec 2022	SCOPUS
34.	Stock Market Prediction using Long Short Term Model (LSTM)	Katakam Satya Vamsi Kumar Asna Maheen Praveen Kumar Devulapalli	Indian Journal of Natural Sciences, Vol.13 / Issue 73 International Bimonthly (Print) ISSN: 0976 – 0997	-	Tamilnadu Scientific Research Organization (TNSRO)	Aug 2022	Others
35.	Vehicle Accident and Alcohol Detection System using IoT Platform	G A E Satish Kumar, J Swetha Priyanka, A Sai Deepthi	Indian Journal of Science and Technology, Electronic ISSN: 0974-5645 Volume: 15, Issue: 39.	https://doi.org/10.17485/IJST/v15i39.1018	Indian Society for Education and Environment	Nov 2022	Others
36.	Hybrid Cryptographic Algorithm Using Multiprocessing for File Storage on the Cloud	A. Vijayalakshmi N. Varun Reddy S. Meghamsh G. Abhishek	Journal of Survey in Fisheries Sciences (SFS) ISSN: 2368-7487, 10(3S) 1648-1656	DOI: https://doi.org/10.17762/sfs.v10i3S.600	Journal of Survey in Fisheries Sciences	2023	Others



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Faculty Research Publications in Conferences Academic Year 2022-2023

#	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
1	Design of Noise Immune Subthreshold Circuits using Dynamic Threshold Schmitt Trigger Logic	Rajendar Sandiri Ywanth Chimata Yashwanth Nalamasa Pavan Arra	2022 IEEE Region 10 Symposium (TENSYPMP), ISBN:978-1-6654-6658-5	DOI: 10.1109/TE NSYMP54529.2 022.9864364	IEEE	August 2022	SCOPUS
2	Microstrip Filtering Antenna With Increased Out of Selectivity Using Dual Ring Patches	Rakesh A Samuel Nishant Muthyala Nageswara Rao Pasumarthy	2022 IEEE Region 10 Symposium (TENSYPMP), ISBN:978-1-6654-6658-5	DOI: 10.1109/TE NSYMP54529.2 022.9864397	IEEE	August 2022	SCOPUS
3	Designing a D-Flipflop Using Novel Sleep Transistor Technique	Ch. Meghana Reddy Souvik Dhara B. Srikanth P. Ramakrishna	2022 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), ISBN:978-1-6654-9781-7.	DOI: 10.1109/C ONECCT55679.2 022.9865851	IEEE	August 2022	SCOPUS
4	IoT and Cloud-based Automated Pet Care System	M. Rajani devi V. Jyothi D. Nagajyothi	6th International Conference on Electronics, Communication and Aerospace Technology ICECA 2022, ISBN:978-1-6654-8271-4, Coimbatore, India	DOI: 10.1109/IC ECA55336.2022. 10009347	IEEE	January 2023	SCOPUS
5	Design And Implementation Of Comparator Using GDI Decoder	Sangeeta Singh T Akanksha Y Vamshi M Shubham M Venkata Jayanth	7 th International Conference on Micro-Electronics, Electromagnetics and Telecommunications (ICMEET 2022)	DOI: 10.1007/978- 981-19-8865- 3_60	Springer Nature	May 2023	SCOPUS/ WoS

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6	Implementation of IoT based Efficient Low-Cost Patient Health Monitoring System	Dr. G A E Satish Kumar J Swetha Priyanka Gummadi Lahari	6th International Conference on Electronics, Communication and Aerospace Technology ICECA 2022, ISBN:978-1-6654-8271-4, Coimbatore, India.	DOI: 10.1109/ICECA55336.2022.10009063	IEEE	January 2023	SCOPUS
7	German Traffic Sign Recognition Using Convolutional Neural Network	G V S Sree Santhosh G Chaitanya Kumar G Sandeep Dr. G A E Satish Kumar	6th International Conference on Electronics, Communication and Aerospace Technology ICECA 2022, ISBN:978-1-6654-8271-4, Coimbatore, India.	DOI: 10.1109/ICECA55336.2022.10009588	IEEE	January 2023	SCOPUS
8	Deep Neural Network based Sign Language Detection	A Bhavana Shalini Reddy K. Madhu Dr. D Praveen Kumar	6th International Conference on Electronics, Communication and Aerospace Technology ICECA 2022, ISBN:978-1-6654-8271-4, Coimbatore, India.	DOI: 10.1109/ICECA55336.2022.10009360	IEEE	January 2023	SCOPUS
9	A Novel Approach for Improving Image Compression Ratio	Krishna Dharavath Shankar Bhukya	2022 3rd Global Conference for Advancement in Technology (GCAT), Bangalore, India, ISBN:978-1-6654-6855-8.	DOI: 10.1109/GCAT55367.2022.9972021	IEEE	December 2022	SCOPUS
10	ACS Fed Coplanar Monopole Antenna with Complementary Split Ring Resonator for WLAN and Satellite Communication Applications	Ch. Ramakrishna Bandi Geervani	Proceedings of 2022 International Conference on Medical Imaging and Computer-Aided Diagnosis (MICAD 2022). Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 903). ISBN: 978-981-19-2281-7. PP 121-130.	DOI: 10.1007/978-981-19-2281-7_12	Springer Nature	September 2022	SCOPUS & WoS

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11	Design Of Hybrid Memory Built In Self Test Using Linear Feedback Shift Registers	Vasujadevi Midasala Gajula Lakshminarayana V Purna Chandra Reddy B Hari Krishna Pala Mahesh Kumar Namani Vamshi Krishna	6th International Conference on Electronics, Communication and Aerospace Technology ICECA 2022, ISBN:978-1-6654-8271-4, Coimbatore, India. January 2023.	DOI: 10.1109/ICECA55336.2022.10009449	IEEE	January 2023	SCOPUS
12	Implementation of security based energy- efficient Dynamic Street lighting System	Niharika Manchikanti Dr. GAE Satish kumar Prithy Dendi Vijay Yarabolu	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India. ISBN:978-1-6654-6275-4, February 2023	DOI: 10.1109/ICPECTS56089.2022.10047357	IEEE	February 2023	SCOPUS
13	Implementation of LiDAR based Self Driving Car using Raspberry Pi 3	V.Jyothi, Gunti Manideep Pyata Deekshitha Reddy	International Conference on Advancements in Interdisciplinary Research (AIR-2022) , ISBN: 978-303123723-2, Volume 1738 CCIS, Pages 471 – 478.	DOI: 10.1007/978-3-031-23724-9_43	Springer Nature	January 2023	SCOPUS & WoS
14	High Performance VLSI Architecture of FIR Filter for Seismic Signal Processing	Dr. S. Karunakaran	2023 IEEE Sponsored Third International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2023), ISBN:978-1-6654-9400-7	DOI: 10.1109/ICAECT57570.2023.10118035	IEEE	May 2023	SCOPUS
15	Low Power and High Speed Two Stage Comparator in ADC	Dr. S. Karunakaran T. Saikiaran N.Lokesh Reddy E. Swapna	2023 IEEE Sponsored Third International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2023), ISBN:978-1-6654-9400-7, May 2023	DOI: 10.1109/ICAECT57570.2023.10117941	IEEE	May 2023	SCOPUS

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16	VLSI Implementation of a Energy Recovery 4-2 Compressor using PBL	S. Karunakaran J. Vamshi Chilkamarri Abhinav Reddy	2022 First International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR), Hyderabad, India. August 2022, ISBN:978-1-6654-2521-6.	DOI: 10.1109/ICAITPR51569.2022.9844193	IEEE	August 2022	SCOPUS
17	An Area and Delay-Efficient Approximate Hybrid Adder for VLSI Circuit Designs	B. Kalivaraprasad M. V. D. Prasad, Ch. Raju Kumar Singh, S. Ravichand A. Pramod Kumar	Proceedings of 3rd International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication pp 31– 37, Lecture Notes in Electrical Engineering book series, ISBN: 978-981192827-7	DOI: 10.1007/978-981-19-2828-4_3	Springer Nature	September 2022	SCOPUS & WoS
18	Image Captioning Using CNN and RNN	S Rohitharun L Uday Kumar Reddy S Sujana	2022 2nd Asian Conference on Innovation in Technology (ASIANCON) 26 th – 28 th August 2022, ISBN:978-1-6654-6851-0, October 2022.	DOI: 10.1109/ASIANCON55314.2022.9909146	IEEE	October 2022	SCOPUS
19	Compact MIMO Antennas with CSRR for UWB Applications	Gandham Nandini Boddupally Vaishnavi Sulakshana Chilukuri Y. Pandurangaiah	2022 13th International Conference on Computing Communication and Networking Technologies (ICCCNT), ISBN:978-1-6654-5262-5.	DOI: 10.1109/ICCCNT54827.2022.9984313	IEEE	December 2022	SCOPUS
20	Miniaturized Planar Dual Band Monopole UWB Antenna using Capacitively Loaded Loop Resonator with Notch Characteristics	K. Vaishnavi Reddy Sulakshana Chilukuri Y. Pandurangaiah	Wireless Antenna and Microwave Symposium (WAMS), IEEE, Rourkela, India ISBN:978-1-6654-5846-7.	DOI: 10.1109/WAMS54719.2022.9847921	IEEE	August 2022	SCOPUS

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21	Microcontroller Based Electronic Queue Control System	Gummadi Lahari, J Swetha Priyanka Muske Vamshi Krishna	Workshop on Advances in Computation Intelligence, its Concepts & Applications at ISIC 2022, May 17-19, Savannah, United States	https://ceur-ws.org/Vol-3283/Paper22.pdf	Others	2022	-
22	Microcontroller based Smart Agriculture System	Kavali Varshini Nakka swathi Sadhvik Reddy J Swetha Priyanka	6th International Conference on Electronics, Communication and Aerospace Technology ICECA 2022, 1-3 dec 2022 ISBN:978-1-6654-8271-4, Jan 2023.	DOI: 10.1109/ICECA55336.2022.10009361	IEEE	January 2023	SCOPUS
23	Density based traffic Congestion control system and emergency vehicle clearance	Drushya Kamuni Likhitha Remala M.Nishitha Reddy T. Ramakrishnaiah	IEEE International Conference on "Power, Energy, control and Transmission systems" Dec 8 &9 2022, ISBN:978-1-6654-6275-4.	DOI: 10.1109/ICPECTS56089.2022.10047102	IEEE	February 2023	SCOPUS
24	Bitwise Multipliers Using Symmetric Stackers	Ledalla Anjali Devi Dubey Sagar Aviti Shiva Ram R. Phani Vidyadhar	IEEE International Conference on "Power, Energy, control and Transmission systems" Dec 8 &9 2022, ISBN:978-1-6654-6275-4, February 2023.	DOI: 10.1109/ICPECTS56089.2022.10047636	IEEE	February 2023	SCOPUS
25	Raspberry Pi Based Nutritional Health Kit For Diabetic Patients	Preethi Mannepally Prudvi Ravula Krishna Chaithanya Janapati Bhaskar Bhanavath	2nd International Conference of Sustainable Computing and Data Communication Systems [ICSCDS 2023] ISBN:978-1-6654-9199-0, April 2023.	DOI: 10.1109/ICSCDS56580.2023.10104654	IEEE	April 2023	SCOPUS
26	Automatic Oxygen Ventilation and Monitoring System using IoT	M.Srilatha K.Vinay P.Jevardhan Raju	EAI International Conference on Intelligent Systems and Machine Learning, Vardhaman College of Engineering,	DOI:10.1007/978-3-031-35078-8_35	Springer nature	July 2023	SCOPUS & WoS

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			Hyderabad, Dec 16-17 2022, ISBN978-3-031-35078-8.				
27	MAPOUT A CROP PROTECTION SYSTEM AGAINST FOREST ANIMALS USING INTERNET OF THINGS	Mali Sujith Kumar Reddy Janapati Krishna Chaithanya and Katroju Rajapriyuduc	Proceedings of the 1st International Sustainability Conference (ISC 2022) - Book "Engineering, Science, and Sustainability" , ISBN 9781003388982.	-	Taylor & Francis	April 2023	SCOPUS
28	Patrolling Robot for Fugitive Emissions in Industries	Mannepally Preethi Janapati Krishna Chaithanya Bhanavath Bhaskar and Ravula Prudvid	Proceedings of the 1st International Sustainability Conference (ISC 2022) - Book "Engineering, Science, and Sustainability" , ISBN 9781003388982.	-	Taylor & Francis	April 2023	SCOPUS
29	Deep Learning based Intelligent Alert System for Visually Impaired People	Krishna Dharavath Veeramallu Tejaswi E Sai Prasanna Kumar Vennu Sai Pratham	2023 International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2023, Coimbatore, INDIA. ISBN:979-8-3503-4821-7.	DOI: 10.1109/ICCCI56745.2023.10128277	IEEE	May 2023	SCOPUS
30	Vehicle Detection and Classification using Deep Learning for Hazy Images	Krishna Dharavath Mudigonda Ananya B. Shashi Kanth V. Vivek	2023 International Conference on Computer Communication and Informatics (ICCCI), Jan. 23 – 25, 2023, Coimbatore, INDIA. ISBN:979-8-3503-4821-7.	DOI: 10.1109/ICCCI56745.2023.10128453	IEEE	May 2023	SCOPUS
31	Design and Analysis of Physical Unclonable Function	A. Uday Kiran K.Ekshith M. Manisha Reddy Sangeeta Singh	2023 2nd International Conference for Innovation in Technology (INOCON) , April 2023. ISBN:979-8-3503-2092-3. Bangalore, India	DOI: 10.1109/INOC57975.2023.10101289	IEEE	April 2023	SCOPUS

#	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
32	Design and Analysis of Three Operand Binary Adder	Vamshi Surigi Bhavith K Ashok C Sangeeta Singh	2023 Second IEEE Sponsored International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT 2023), ISBN:979-8-3503-9763-5, June 2023.	DOI: 10.1109/ICEEICT56924.2023.10157081	IEEE	June 2023	SCOPUS
33	Design of PUF Based Random Number Generator	A. Uday Kiran K.Ekshith M. Manisha Reddy Sangeeta Singh	2023 Second IEEE Sponsored International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT 2023), ISBN:979-8-3503-9763-5, June 2023.	DOI: 10.1109/ICEEICT56924.2023.10157913	IEEE	June 2023	SCOPUS
34	Vedic Divider: A Novel Design for Deconvolution Algorithm based on Vedic Math	Dr. P. Kalyani Kolukulapally Arun Shaik Fouziya Samreen and Shereen	Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023), Feb 2023 ISBN:978-1-6654-9360-4.	DOI: 10.1109/ICECCT56650.2023.10179813	IEEE	June 2023	SCOPUS
35	A system for detecting automated parking slots using deep learning	R. Tagore Maharshi Dr. D Nagajothi P. Thrishul P. Reethika	2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), Ballar, India. ISBN:979-8-3503-4745-6, June 2023.	DOI: 10.1109/ICDCECE57866.2023.10150637	IEEE	June 2023	SCOPUS
36	Prediction of Human Age and Gender Using Deep Learning for Smart Security Systems	K.Durga Bhavani Burugu Abhishekar Rumandla Anish S. Sujana	2023 International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), Ballar, India. ISBN:979-8-3503-4745-6, June 2023.	DOI: 10.1109/ICDCECE57866.2023.10151119	IEEE	June 2023	SCOPUS

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37	Age group determination using Logistic regression through a biometric approach	Dr.D.Nagajyothi Srinithya Gunti Shivani Ganti Radam Kushaal	2023 International Conference on Computer Communication and Informatics (ICCCI), May 2023, Coimbatore, INDIA, ISBN:979-8-3503-4821-7.	DOI: 10.1109/ICCCI56745.2023.10128422	IEEE	May 2023	SCOPUS
38	GSM based digital water flow meter	P. Saisree Y. Anuhya M.Srilatha	2023 International Conference on Advancement in Computation & Computer Technologies (InCACCT), ISBN:979-8-3503-9648-5	DOI: 10.1109/InCACCT57535.2023.10141706	IEEE	June 2023	SCOPUS
39	Electric box design to avoid exam paper leakage and alerting system	V. Pranitha M. Deepika P. Rupika M.Srilatha	2023 International Conference on Advancement in Computation & Computer Technologies (InCACCT), ISBN:979-8-3503-9648-5, June 2023.	DOI: 10.1109/InCACCT57535.2023.10141706	IEEE	June 2023	SCOPUS
40	Animal species image classification	Likhith Prudhivi Narayana M Subrahmanyam Ch Gopi Krishna M	2023 3rd International conference on Artificial Intelligence and Signal Processing (AISP), ISBN:979-8-3503-2074-9.	DOI: 10.1109/AISP57993.2023.10135017	IEEE	June 2023	SCOPUS
41	IoT based Smart Cradle System	Poojitha Kaitha M Gopi Krishna Rohit Maadisetti Bhargav Kalva	2023 International Conference on Advancement in Computation & Computer Technologies (InCACCT), ISBN:979-8-3503-9648-5, June 2023.	DOI: 10.1109/InCACCT57535.2023.10141724	IEEE	June 2023	SCOPUS
42	Intelligent Waste Segregation Technique Using CNN	Dr. D. Nagajyothi Shaik ashik ali V. Jyothi Praharsha Ch	2023 2nd International Conference for Innovation in Technology (INOCON), April 2023, ISBN:979-8-3503-2092-3.	DOI: 10.1109/INOCON57975.2023.10101021	IEEE	April 2023	SCOPUS

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43	Image enhancement for pedestrian detection at night time	Dr. D. Nagajyothi P. Sai Charan Zeeshan M V. Jyothi	2023 2nd International Conference for Innovation in Technology (INOCON), April 2023, ISBN:979-8-3503-2092-3.	DOI: 10.1109/INOCON57975.2023.10101014	IEEE	April 2023	SCOPUS
44	Under Water Image Enhancement Using CNN	Devendar Marasakatla Aravind Rao Rasamadugu Bhaskar Raju Boy K. Sripal Reddy	2023 International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS), ISBN:979-8-3503-4805-7	DOI: 10.1109/ICAECIS58353.2023.10170509	IEEE	July 2023	SCOPUS
45	Health monitoring, Location tracking and Fall detecting device using IoT	Nellikonda Geethanjali Arra Hari Chandana Gillala Sushma Reddy K Sripal Reddy	2023 Second IEEE Sponsored International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT 2023), ISBN:979-8-3503-9763-5	DOI: 10.1109/ICEEICT56924.2023.10157648	IEEE	June 2023	SCOPUS
46	Home Automation Using Voice and Gesture Control	Niharika Ganji Shriya Gandreti T. Rama Krishnaiah	2022 7th International Conference on Communication and Electronics Systems (ICCES), ISBN:978-1-6654-9634-6.	DOI: 10.1109/ICCES54183.2022.9835832	IEEE	July 2022	SCOPUS
47	Energy Efficient Cooperative Image Transmission in Multi-Hop Wireless Multimedia Sensor Networks	M. Sanjay D. Praveen Kumar	International Conference on Innovative Data Communication Technologies and Applications (ICIDCA 2023), organized by Graphic Era Hill University, Dehradun, India. ISBN: 979-8-3503-9720-8	DOI: 10.1109/ICIDCA56705.2023.10100081	IEEE	April 2023	SCOPUS

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48	Image Reflection Removal using Iterative Boost Convolutional LSTM Network through Feature Loss	Harshini D Ch. Chandana M. Deekshith Reddy D. Praveen Kumar	International Conference on Computer Communication and Informatics (ICCCI-2023), Coimbatore, during 23-25 January 2023. 2023, Coimbatore, INDIA. ISBN:979-8-3503-4821-7.	DOI: 10.1109/ICCCI56745.2023.10128272	IEEE	May 2023	SCOPUS
49	Wheelchair Operation Using Image Analysis	Nikita Singh Nithish Nandikonda Gopikrishna M	2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE) Electronic ISBN:978-1-6654-8316-2	DOI: 10.1109/ICDCECE53908.2022.9793297	IEEE	2022	SCOPUS
50	Frequency Allocation in Cognitive Radio Networks	Greeshma V Rahul C Harini V	Proceedings of the International Health Informatics Conference. Lecture Notes in Electrical Engineering, vol 990. Springer. ISBN: 978-981-19-9090-8	https://doi.org/10.1007/978-981-19-9090-8_4 .	Springer Nature	May 2023	SCOPUS
51	A Modified Wideband Hexagonal Shaped Antenna for Wireless Applications	Seetaram Oruganti Vikrant Rai Sai Teja Goud V. Harini	2022 3rd International Conference for Emerging Technology (INCET) 15 July 2022 ISBN:978-1-6654-9500-4	DOI: 10.1109/INCET54531.2022.9825179	IEEE	July 2022	SCOPUS
52	A Comparative Study of Power Optimization Using Leakage Reduction Techniques	Pramod kumar aylapogu A Jayalakshmi Hirald Dwaraka Praveena B. kalivaraprasad	International Conference on Intelligent Systems and Machine Learning ICISML 2022, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering ((LNICST,volume 470)), pp 362–381, ISSN 1867-8211.	DOI:10.1007/978-3-031-35078-8_31	Springer Nature	2023	SCOPUS

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53	Design and Implementation of a Smart Electric Fence Built on Solar with an Automatic Irrigation System	A.Jaya Lakshmi Ratnasunder Dasari Manikanta Chilukuri Yashwanth Tirumani Pramod kumar aylapogu	2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), ISBN:978-1-6654-5630-2, Salem, India.	DOI: 10.1109/ICAAIC56838.2023.10140295	IEEE	June 2023	SCOPUS
54	Fertilizer Sensing and Solar based RTC Water Pumping	A.Jaya Lakshmi Ratnasunder Dasari Manikanta Chilukuri Yashwanth Tirumani Hirald Dwaraka Praveena A.Pramod Kumar	2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS) , ISBN:978-1-6654-6216-7.	DOI: 10.1109/ICAIS56108.2023.10073812	IEEE	March 2023	SCOPUS
55	Feature Level Fusion of Face and Fingerprint Biometric Traits for Universality	Sujana S Durga Bhavani Kinthadi JVR Ravindra	2023 International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS), ISBN:979-8-3503-4805-7, 2023.	DOI: 10.1109/ICAECIS58353.2023.10170487	IEEE	2023	SCOPUS
56	Binary Optimization Using Hybrid Owl Optimization For Biomarker Selection From Cancer Datasets	Bibhuprasad Sahu Chakradharamahanthi Madhavi Sasmita Pani JVR Ravindra	2023 IEEE 3rd International Conference on Technology, Engineering, Management for Societal impact using Marketing, Entrepreneurship and Talent (TEMSMET), ISBN:979-8-3503-9781-9.	DOI: 10.1109/TEMSMET56707.2023.10150104	IEEE	June 2023	SCOPUS
57	Quantum Modular Multiplication: A New Frontier in Quantum Computing	Mahankali Mani Teja J. V. R. Ravindra Sunku Rohan Sanjay Reddy Irugurala Yashwanth	2023 IEEE 8th International Conference for Convergence in Technology (I2CT), ISBN:979-8-3503-3401-2. Lonavla, India.	DOI: 10.1109/I2CT57861.2023.10126376	IEEE	May 2023	SCOPUS

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58	Multi-filter Enhanced Doctor and Patient Optimization Algorithm for Cancer Diagnosis	Bibhuprasad Sahu, Saroja Kumar Rout, J. V. R. Ravindra Sachi Nandan Mohanty	Proceedings of the International Health Informatics Conference. may 2023, Lecture Notes in Electrical Engineering ((LNEE, volume 990)). ISBN: 978-981-19-9089-2.	DOI:10.17485/ijst/2019/v12i3/141010	Springer Nature	May 2023	SCOPUS/WoS
59	Hybrid grasshopper optimization algorithm with simulated annealing for feature selection using high dimensional dataset	Bibhuprasad Sahu Jvr Ravindra Sachi Nandan Mohanty Amrutanshu Panigrahi	2023 1st International Conference on Advanced Innovations in Smart Cities (ICAISC),April 2023, ISBN:978-1-6654-7275-3. Jeddah, Saudi Arabia.	DOI: 10.1109/ICAISC56366.2023.10085104	IEEE	April 2023	SCOPUS
60	Efficient RNS Realization of High-Speed Arithmetic Multiplier with Respect to Cryptographic Computation	Gunda Sowmya, Sulguti Sai Sowmya J. V. R. Ravindra	Inventive Communication and Computational Technologies Proceedings of ICICCT 2022, Lecture Notes in Networks and Systems ((LNNS,volume 383)), ISBN: 978-981-19-4959-3, Nov 2022.	DOI:10.1007/978-981-19-4960-9_2	Springer Nature	November 2022	SCOPUS/WoS
61	Vehicle Collision Warning and Accident Detection Using Raspberry Pi and SSD MobileNetV1	A. Vijaya Lakshmi P. Ajay Kumar Goud G. Mohit Raj K. Rahul	Intelligent Communication Technologies and Virtual Mobile Networks, Proceedings of ICICV 2023, June 2023. Lecture Notes on Data Engineering and Communications Technologies ((LNDECT,volume 171)). ISBN: 978-981-99-1766-2.	DOI:10.1007/978-981-99-1767-9_16	Springer Nature	June 2023	SCOPUS
62	Military Aircraft Detection Using YOLOv5	P. Ajay Kumar Goud G. Mohit Raj K. Rahul	Intelligent Communication Technologies and Virtual Mobile Networks, Proceedings of ICICV 2023,	DOI: 10.1007/978-981-99-1767-9_63	Springer Nature	June 2023	SCOPUS/Wos

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		A. Vijaya Lakshmi	June 2023. Lecture Notes on Data Engineering and Communications Technologies ((LNDECT, volume 171)). pp 865–878, ISBN978-981-99-1766-2.				
63	Resource Allocation for Device-to-Device Networks Using WOA and PSO Algorithms	A. Vijaya Lakshmi Banothu Pavankalyan Avanghapuram Surya Prakash Reddy	Advances in Data-driven Computing and Intelligent Systems. ADCIS 2022, Volume 2. Lecture Notes in Networks and Systems ((LNNS, volume 653)), pp.757-782, ISBN: 978-981-99-0980-3	DOI:10.1007/978-981-99-0981-0_58	Springer Nature	June 2023	SCOPUS & WoS

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