



VARDHAMAN

COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Faculty Research Publications in Journals

Academic Year 2024-2025

S. No	Title of the paper	Authors	Name of Journal	DOI	Publisher	Month/Year	Indexing
1.	Optimizing TEM Image Segmentation: Advancements in DRU-Net Architecture with Dense Residual Connections and Attention Mechanisms	M. Nagaraju Naik Nagajyothi Dimmita Vijayalakshmi Chintamaneni P. Srinivasa Rao Nagalingam Rajeswaran Amar Y. Jaffar Fahd M. Aldosari Wesam N. Eid Ayman A. Alharbi	Engineering, Technology & Applied Science Research Vol. 14, No. 4, 2024, 15821-15828, ISSN:2241-4487	DOI:10.48084/etas r.7994	Dr D. Pylarinos	August 2024	SCOPUS (Q2)
2.	Cloud based prediction of epileptic seizures using real-time electroencephalogram s analysis	Gousia Thahniyath, Chelluboina Subbarayudu Gangaiah Yadav, Rajagopalan Senkamalavalli, Shanmugam Sathiya Priya, Stalin Aghalya, Kuppireddy Narsimha Reddy,	International Journal of Electrical and Computer Engineering (IJECE) Vol. 14, No. 5, pp. 6047~6056 ISSN: 2088-8708,	DOI: 10.11591/ijece.v14 i5.pp6047-6056	Institute of Advanced Engineering and Science (IAES)	October 2024	SCOPUS (Q3)

S. No	Title of the paper	Authors	Name of Journal	DOI	Publisher	Month/Year	Indexing
		Subbiah Murugan					
3.	Design and Development of Novel AXI Interconnect based NoC Architecture for SoC with Reduced Latency and Improved Throughput	Nagarjuna Malladhi Girish. V. Attimarad	International Journal of Computing and Digital Systems 2025, ISSN: 2535-9886, VOL. 17, NO. 1, 1-14.	DOI: 10.12785/ijcds/157 1017778	The University of Bahrain	Jan 2025	SCOPUS (Q3)
4.	An Intelligent Big Data Security Framework Based on AEFS-KENN Algorithms for the Detection of Cyber-Attacks from Smart Grid Systems	Muthubalaji, Sankaramoorthy M. Naresh Kumar Sarvade Pedda Venkata Subba Rao Thandapani, Kavitha Mohan, Pasupuleti Rama Somasundaram, Thangam Farhaoui, Yousef	Big Data Mining and Analytics, ISSN: 2096-0654	DOI: 10.26599/BDMA.20 23.9020022	Tsinghua University Press	July 2024	ESCI/SCOPUS (Q1)
5.	Cluster Based Energy Efficient Optimal Relay Selection Strategy for Multi Hop Reliable Cooperative Communication in Vehicular Communication	Praveen Kumar Devulapalli Venkataramarao Kota Rajani Devi Merigala Koteswararao Seelam Sunil Kumar Jyothula	International Journal of Intelligent Engineering and Systems, Volume 17, Issue 5, Pages 22 – 32, 2024, ISSN: 2185310X	DOI: 10.22266/ijies2024 .1031.03	Intelligent Networks and Systems Society	2024	SCOPUS (Q3)
6.	Adaptive Reliable Cluster Head Selection Strategy for Multi-Hop Multimedia	Phani Vidhyadhar Rallapalli Rajanidevi Merigala Sribindu Sattu	International Journal of Intelligent Engineering and Systems, Open Access, Volume 17, Issue 2, Pages	DOI: 10.22266/ijies2024 .0430.06	Intelligent Networks and	2024	SCOPUS (Q3)

S. No	Title of the paper	Authors	Name of Journal	DOI	Publisher	Month/Year	Indexing
	Wireless Sensor Networks	Praveen Kumar Devulapalli Anil Kumar Kotthuru3 Dhanalakshmi Gopal	61 – 70, 2024, ISSN: 2185310X		Systems Society		
7.	Video conferencing algorithms for enhanced access to mental healthcare services in cloud-powered telepsychiatry	Senkamalavalli, Rajagopalan Prasad, Subramaniyan Nesamony Sheela Evangelin Shobana, Mahalingam Sri, Chellaiyan Bharathi <b>Sandiri, Rajendar</b> Karthik, Jayavarapuf Murugan, Subbiah	International Journal of Electrical and Computer Engineering, Volume 15, Issue 1, Pages 1142 – 1151, February 2025	DOI: 10.11591/ijece.v15i1.pp1142-1151		2025	SCOPUS (Q3)
8.	Design and Implementation of Internet of Things (IoT) Framework for Governing Modern Cyber Attacks in Computer Network	Raghavendra Gunturi S <b>Yesaswini</b> <b>Ammanabrolu</b> <b>Mounika</b>	International Journal of Safety and Security Engineering, Open Access Volume 14, Issue 5, Pages 1385 – 1390	DOI 10.18280/ijse.140505	International Information and Engineering Technology Association	October 2024	SCOPUS (Q3)
9.	Design and Development of Low Power NoC Architecture using Clock Gating Technique for SoC Applications	<b>Nagarjuna Malladhi</b> GirishV Attimarad	Engineering Research Express, ISSN 2631-8695	<a href="https://doi.org/10.1088/2631-8695/adca87">https://doi.org/10.1088/2631-8695/adca87</a>	IOP Publishing	May 2025	SCOPUS (Q2)

S. No	Title of the paper	Authors	Name of Journal	DOI	Publisher	Month/Year	Indexing
10.	Efficient Clustering and Routing using Multi-Objective Dynamic Osprey Optimization Algorithm in Vehicular Ad-hoc Network	S. Srinivas K. Jaya Sankar	SSRG International Journal of Electrical and Electronics Engineering, ISSN: 2348-8379.	<a href="https://doi.org/10.14445/23488379/IJEE-V12I2P101">https://doi.org/10.14445/23488379/IJEE-V12I2P101</a>	Seventh Sense Research Group®(SSRG)	FEB 2025	SCOPUS
11.	Priority Based Reliable Adaptive Relay Selection and Cooperative Multi-Hop Clustering for Vehicular Networks	Srinivas Sandiri Jaya Sankar Kottareddygar	International Journal of Intelligent Engineering and Systems, Vol. 18 (2) , 256-265	<a href="https://doi.org/10.22266/ijies2025.0331.20">https://doi.org/10.22266/ijies2025.0331.20</a>	The Intelligent Networks and Systems Society	March 2025	SCOPUS (Q3)
12.	Designing of Neuromorphic VLSI Circuits based on Biological Neural Networks to Improve the Energy Efficiency and Performance of AI/ML Applications	S. China Venkateswarlu, Krishna Dharavath, M. Koti Reddy, Narsimha Reddy Kuppireddy, Rajendar Sandiri, Srinivsarao Gajula, Nagarjuna Malladhi, Sreevani Menda, Vallabhuni Vijay	Communications on Applied Nonlinear Analysis ISSN: 1074-133X Vol 32 No. 10s (2025)	DOI: <a href="https://doi.org/10.52783/cana.v32.4844">https://doi.org/10.52783/cana.v32.4844</a>	International Publications	March 2025	SCOPUS (Q4)
13.	GRU controller-based UPQC compensator design for improving power quality in grid-integrated non-linear load system	B. Srikanth Goud, Ch. Naga Sai Kalyan, G Srinivasa Rao, Bhabasis Mohapatra, Narsimha Reddy Kuppireddy, Harish Pulluri, Ch. Rami Reddy, Mohammad Shorfuzzaman,	Scientific Reports , ISSN: 2045-2322, volume 15	<a href="https://doi.org/10.1038/s41598-025-04833-4">https://doi.org/10.1038/s41598-025-04833-4</a>	Nature Portfolio	June 2025	SCIE (Q1)

S. No	Title of the paper	Authors	Name of Journal	DOI	Publisher	Month/Year	Indexing
		Basem Abu Zneid, Mukesh Pushkarna					
14.	Brain Tumor Classification using Modified ResNet50V2 deep learning model	Busi Sarada, Kuppireddy Narsimha Reddy, Muktisingh, Ramesh Babu, BSSV Ramesh Babu	International Journal of Computing and Digital Systems 22025, VOL. 17, NO. 1, 1-11	<a href="http://dx.doi.org/10.12785/ijcds/1571021750">http://dx.doi.org/10.12785/ijcds/1571021750</a>	University of Bahrain	March 2025	SCOPUS (Q3)
15.	Review on Carbon-Based Micro and Nano Electro-Mechanical Systems for Biotechnological Application	M. Mahalakshmi D.C. Diana R. Ramachandran Santosh Kumar Ravva Babu Illuri J. Jeba Johannah T. Manikandan A. Jose Anand8	Recent Patents on Nanotechnology, Volume 19, Issue 4, p. 468 - 482	DOI: <a href="https://doi.org/10.2174/0118722105293232240826135124">https://doi.org/10.2174/0118722105293232240826135124</a>	Bentham Science Publishers	Sep 2024	SCIE (Q2)
16.	Advancing PCOS Diagnosis: Capsule Network-Based Classification using Ultrasound Images	Venkatesh G. Bajulunisha A. Sreenivasa Rao Chappidi Karthikeyan S. Dhivya K. Murugan S.	Journal of Innovative Image Processing, Volume 7, Issue 1, Pages 226-247, e-ISSN: 2582-4252	DOI: <a href="https://doi.org/10.36548/jiip.2025.1.011">https://doi.org/10.36548/jiip.2025.1.011</a>	Inventive Research Organization	March 2025	SCOPUS (Q4)
17.	Sentiment and Emotion Modeling in Text-based Conversations utilizing ChatGPT	Pradeep Mullangi Nagajyothi Dimmita M. Supriya Patnala S. R. Chandra Murty Gera Vijaya Nirmala C. Anna Palagan Komati Thirupathi Rao N. Rajeswaran	Engineering, Technology & Applied Science Research Vol. 15, No. 1, 2025, 20042-20048	DOI: <a href="https://doi.org/10.48084/etasr">https://doi.org/10.48084/etasr</a>	Dr D. Pylarinos	Dec 2024	SCOPUS (Q2)

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18.	Performance Analysis of SVD-DSK-MIMO-OFDM System over Time Frequency Selective Fading Channels	Kasetty Lakshminarasimha <b>M. Srilatha</b> Majeti Venkata Sireesha A Sravanthi Peddinti R. Anil Kumar Kapula Kalyani	SSRG International Journal of Electronics and Communication Engineering ISSN: 2348-8549/ Original Article Volume 12 Issue 4, 167-173, © 2025	<a href="https://doi.org/10.14445/23488549/IJECE-V12I4P116">https://doi.org/10.14445/23488549/IJECE-V12I4P116</a>	Seventh Sense Research Group®	April 2025	SCOPUS
19.	Revolutionizing Seizure Detection and Monitoring in IoT-Connected Smart Healthcare: Advanced CNN Models and IoT Sensors	Karpagam M <b>Naresh Kumar M</b> Valarmathi K Ramathilagam A Jeffin Gracewell J Praveena Kakarla Gopalakrishnan Subburayalu	Research Square, ISSN 2693-5015	<a href="https://doi.org/10.21203/rs.3.rs-3995401/v1">https://doi.org/10.21203/rs.3.rs-3995401/v1</a>	-	AUGUST 2024	Others
20.	Comparative analysis of the DCNN and HFCNN Based Computerized detection of liver cancer	Sandeep Dwarkanth Pande <b>Pala Kalyani,</b> S Nagendram, Ala Saleh Alluhaidan, G Harish Babu, Sk Hasane Ahammad, Vivek Kumar Pandey, G Sridevi, Abhinav Kumar, Ebenezer Bonyah	BMC Medical Imaging (2025) 25:37	<a href="https://doi.org/10.1186/s12880-025-01578-4">https://doi.org/10.1186/s12880-025-01578-4</a>	BMC Medical Imaging	Feb 2025	SCIE (Q2)
21.	QUANTUM DOT-DRIVEN SENSORS FOR PRECISION AGRICULTURE: ENHANCING CROP YIELD PREDICTIONS	Madumidha, S; Simhadati, Prasanna; Soujanya, K.; <b>Karunakaran, S;</b> Kanagaraju, P; Sarode, Ghanasham; Bhoopathy, V;	Journal of Environmental Protection and Ecology, ISSN 1311-5065, 26(1) (2025) Pages: 287 - 300	-	Scibulcom Ltd.	2025	SCOPUS (Q4)

S. No	Title of the paper	Authors	Name of Journal	DOI	Publisher	Month/Year	Indexing
	THROUGH AI AND NANOTECHNOLOGY	Kavitha, N. S.					
22.	Energy-Efficient Real-Time Hybrid Deep Learning Framework for Adaptive IoT Intrusion Detection with Scalable and Dynamic Threat Mitigation	Venkata Krishna AzithTejaGanti K.P. Senthilkumar Thomas Robinson L S. Karunakaran Chandrashekar Pandugula Kavita Khatana	SSRN Solutions	<a href="http://dx.doi.org/10.2139/ssrn.5077540">http://dx.doi.org/10.2139/ssrn.5077540</a>	Elsevier	Jan 2025	SCOPUS
23.	Optimizing Bioimaging: Quantum Computing-Inspired Bald Eagle Search Optimization for Motor Imaging EEG Feature Selection	Chandan Choubey, M Dhanalakshmi, S Karunakaran, Gaurav Vishnu Londhe, Vrince Vimal, M K Kirubakaran	Clinical EEG and Neuroscience, ISSN: 1550-0594	DOI: 10.1177/15500594251325273	SAGE Publications Inc.	March 2025	SCIE (Q2)
24.	Meta-Material Inspired Circularly Polarized Semi-Circled Fractal Boundary Antenna for Broadband and Multiband Applications	V. Venkateshwar Reddy Suman Nelaturi Rama Sanjeev B R Sulakshana N	Microwave Review, ISSN: 2406-1050, December 2024, Vol. 30, No. 2, pp. 15-22	DOI:10.18485/mtts_mr.2024.30.2.2	Society for Microwave Techniques and Systems and Serbia and Montenegro IEEE MTT-S Chapter	Dec 2024	SCOPUS (Q3)
25.	Deep ensemble optimal classifier-based software defect prediction	Kalyanapu Srinivas, Krishna Chaithanya Janapati, Mungalched Sai Kiran, Davu Sudheer Reddy, Thota Vinay,	Journal of Umm Al-Qura University for Engineering and Architecture, ISSN: 1658-8150	<a href="https://doi.org/10.1007/s43995-025-00138-9">https://doi.org/10.1007/s43995-025-00138-9</a>	Springer Science and Business Media	May 2025	SCIE (Q1)

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	for early detection and quality assurance	Vamshi, Choula Yashwanth			Deutschland GmbH		
26.	Analysis of Waveguide Based BPF for Direct Broadcast Satellite Service Applications	Nageswara Rao Lavuri, Loya Surendra, V N Koteswara Rao Devana, Krishna Dharavath, G Karthik Reddy, Ambati Navya, Kantamneni Srilatha	INTERNATIONAL JOURNAL OF MICROWAVE AND OPTICAL TECHNOLOGY, ISSN: 1553-0396, VOL.20, NO.3.	-	International Academy of Microwave and Optical Technology (IAMOT)	MAY 2025	SCOPUS (Q4)
27.	RF-SFAD: A Random Forest Model for Selective Forwarding Attack Detection in Mobile Wireless Sensor Networks	Usha Bhanu N Soubhagya Ranjan Mallick Sreenivasa Rao Chappidi K. Sangeethalakshmi	International Journal of Advanced Science and Technology, ISSN : 2454-9967, Vol. 11, No. 1, 2025	DOI: <a href="https://doi.org/10.29284/ijasis.11.1.2025.104-116">https://doi.org/10.29284/ijasis.11.1.2025.104-116</a>	Science and Engineering Research Support Society	June 2025	SCOPUS (Q4)
28.	Deep Learning Algorithms for Personalized Educational Content Delivery	Gali Nageswara Rao Dr.Aravindan Srinivasan Dr.V.Harini S. B G Tilak Babu D. Jansi Rani Dr.N.V.S.Suryanarayana	International Journal of Environmental Sciences ISSN: 2229-7359 Vol. 11 No. 4,2025	DOI: <a href="https://doi.org/10.64252/fyaa3v42">https://doi.org/10.64252/fyaa3v42</a>	Academic Science Publications and Distributions	June 2025	SCOPUS (Q4)
29.	Certain Investigations on Brain Tumor Localization, Segmentation and Classification Approaches with Research	R.P.Ramkumar, Osamah Ibrahim Khalaf, K.A.Jyotsna, V.Jyothi, Nagalingam Rajeswaran, Sameer Algburi,	ISSN (2210-142X)	<a href="http://journals.uob.edu.bh">http://journals.uob.edu.bh</a>	University of Bahrain	March 2024	UGC Care

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	Recommendations for Refinement	Habib Hamam					
30.	AI-Powered Fact-Check & Fake News Detection Tool	Maskan Manasa, S.Vinod Reddy, Maddula Shantesh, Mavoori Pratussha, Dhudukala Thapaswini	International Journal of Innovative Research in Technology, Volume 11 Issue 12   ISSN: 2349-6002	<a href="https://ijirt.org/publishedpaper/IJIRT177059_PAPER.pdf">https://ijirt.org/publishedpaper/IJIRT177059_PAPER.pdf</a>	IJIRT International Journal Managed by Amplionix LLP	May 2025	UGC Care
31.	Tilting Air Blower	Gongu Navya Sri, Nakka Sree Naina, Kalva Shiva Sai, Jetavath Anjali, Chatre Ritika, S. Vinod Reddy, Mavoori Pratussha	International Journal of Innovative Research in Technology, Volume 11 Issue 12   ISSN: 2349-6002	<a href="https://ijirt.org/publishedpaper/IJIRT177185_PAPER.pdf">https://ijirt.org/publishedpaper/IJIRT177185_PAPER.pdf</a>	IJIRT International Journal Managed by Amplionix LLP	May 2025	UGC Care
32.	Neighbourhood Safety Alarm System	Paka Pranay, Rasula Rohith, R. Vijitha, S.V. Nanda Kishore, Rajitha Ala, Tareeq Zaid	International Journal on Science and Technology (IJSAT), E-ISSN: 2229-7677 Volume 16, Issue 2.	<a href="https://doi.org/10.71097/IJSAT.v16.i2.4365">https://doi.org/10.71097/IJSAT.v16.i2.4365</a>	International Journal on Science and Technology (IJSAT)	June 2025	UGC Care
33.	Compact Symmetrical Interdigital Filter with Vias and DGS for 802.11b/g/n Applications	Ch. Amarnatha Sarma Bollem Vamsi Krishna K Narasimha Reddy	Journal of Networking and Communication Systems, Vol.7 No.3	<a href="https://doi.org/10.46253/jnacs.v7i3.a1">https://doi.org/10.46253/jnacs.v7i3.a1</a>	Resbee Publisher	July 2024	UGC Care

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Faculty Research Publications in Conferences**  
**Academic Year 2024-2025**

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
1.	Handwritten Digit Recognition of MNIST Dataset using Residual Network and Visual Geometry Group Network	Nagajyothi D. G.Harish Reddy Prashanth B. N. Vivek Vardhan M. Rajani Devi	4th International Conference on Intelligent Technologies, CONIT 2024 Bangalore.	DOI: 10.1109/CONIT61985.2024.10626202	IEEE	July 2024	SCOPUS
2.	Development of Autonomous Vehicle System using ESP32 Microcontroller	Yadav Kanneboina Ramavathar Satish Kumar G.A.E., Vidyadhar R Phani, Varun Kumar reddy Tammineni Siddarth	2024 Asia Pacific Conference on Innovation in Technology, APCIT 2024 Mysore, ISBN 979-835036153-7.	DOI 10.1109/APCIT62007.2024.10673667	IEEE	July 2024	SCOPUS
3.	An IoT Based Greenhouse Remote Monitoring System for Automation of Supervision for Optimal Plant Growth	Pradeep M Rinku, Dhruva R Swapna P. Jyothi V. Prasannakumar G	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024Coimbatore	DOI 10.1109/ICACCS60874.2024.10716941	IEEE	Oct 2024	Scopus

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
4.	Rice Sheath Rot Disease Diagnosis Utilizing Deep Learning: A Wavelet-Filtered Method for Feature Extraction and Analysis	Doma, Sreelakshmi Rinku, Dhruva R <b>Jyothi V.</b> Puli Vinay Kumar Atheeswaran Athiraja	4th International Conference on Intelligent Technologies, CONIT 2024, Bangalore	DOI 10.1109/CONIT619 85.2024.10627307	IEEE	July 2024	Scopus
5.	An IoT Based Self-diagnosis System to Identify Chronic Obstructive Pulmonary Disease with Built-in Sterilization	Pradeep M. <b>Jyothi V.</b> Nirmala, Gera Vijaya Srikanth, Kolli Rajeswaran N. Balamurugan M.S.	3rd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2024, Trichirappalli	DOI 10.1109/ICEEICT61 591.2024.1071858 1	IEEE	July 2024	Scopus
6.	IoT Based VisionVue Mirror Using Raspberry PI	Sravani SaramPELLI, Vamshi Keerthan Polepally, Suresh Vislavath, <b>Ramakrishnaiah T.</b>	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024, Coimbatore.	DOI 10.1109/ICACCS60 874.2024.1071716 2	IEEE	Oct 2024	Scopus
7.	Smart Soldier Jacket for Health Monitoring and Secured Data Transmission	Akash Chandra Puli , Hariraja Chandra Meka V. Aashritha Raj, <b>Ramakrishnaiah T</b>	4th International Conference on Intelligent Technologies, CONIT 2024Bangalore	DOI 10.1109/CONIT619 85.2024.10627209	IEEE	July 2024	Scopus
8.	Farmer protecting electronic stick	<b>J. Swethapriyanka</b> Kavali Varshini Nakka Swathi Maram Sadhvik Reddy	2nd International Conference on Smart Grid and Electric Vehicle, ICSGEV 2023	DOI: 10.1063/5.0208728	AIP publishing	August 2024	SCOPUS

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9.	Low Power and High-Speed ECG Compression using Dynamic Threshold	L. Naga Sai Gayathri Priya Swetha P Kiran, V. Venkata <b>Malladhi Nagarjuna</b> K. Narsimha Reddy	4th International Conference on Intelligent Technologies, CONIT 2024	DOI: 10.1109/CONIT619 85.2024.10627726	IEEE	July 2024	SCOPUS
10.	Low Power VLSI Architecture for Variable Gain Amplifier Using Pseudo Current Steering Gain Tuning Method	<b>S. Karunakaran</b> S. Srivardhan M. Harshith K. SaiManish	2024 2nd World Conference on Communication & Computing (WCONF), RAIPUR, India.	DOI: 10.1109/WCO NF61366.2024.106 92229	IEEE	October 2024	SCOPUS
11.	Implementation of Level Shifters Using Logic Error Detection	<b>S. Karunakaran</b> N. Nikhilesh V. Nithesh Kaustubh Singh	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE), Shivamogga, India	DOI: 10.1109/AMAT HE61652.2024.105 82126	IEEE	July 2024	SCOPUS
12.	Object Detection in Remote Sensing Images using YOLOv8	K.Vinay Chand <b>K. Ashwini</b> M.Yogesh G.Prasanna Jyothi <b>K. Ashwini</b>	2024 International Conference on Integrated Intelligence and Communication Systems (ICIICS)	DOI: 10.1109/ICIICS637 63.2024.10859885	IEEE	Feb 2025	SCOPUS
13.	Performance Analysis of Dadda Multiplier Using Kogge Stone Adder	<b>B. Srikanth,</b> Dodda Sai Pranathi, Padmaraju Sai Kumar Raju, Vemula Sarika	14th EAI International Conference, BROADNETS 2024 Hyderabad, India. ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81171-5_3">https://doi.org/10.1007/978-3-031-81171-5_3</a>	EAI	Feb 2025	Springer
14.	Image Semantic Segmentation for Enhanced Communication	<b>A. Vijaya Lakshmi,</b> Raparathi Rohan, Chirag Karthik, A. Aravind Reddy	14th EAI International Conference, BROADNETS 2024 Hyderabad, India. ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81171-5_2">https://doi.org/10.1007/978-3-031-81171-5_2</a>	EAI	Feb 2025	Springer

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15.	Design and Implementation of Unsigned Serial Divider Using TG Logic	G. Kavya K. Shreshta Reddy D. Vishnu Prasad J. V. R. Ravindra Himanshu Rajeshbhai Dodiya	14th EAI International Conference, BROADNETS 2024 Hyderabad, India. ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81171-5_4">https://doi.org/10.1007/978-3-031-81171-5_4</a>	EAI	Feb 2025	Springer
16.	Implementation of Antenna in Satellite Ground Station for Cubesat	Harshavardhini Kummari, Vikas Kumar Ghanathey, SriSrujan Ryali Sulakshana Chilukuri	14th EAI International Conference, BROADNETS 2024 Hyderabad, India. ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81168-5_4">https://doi.org/10.1007/978-3-031-81168-5_4</a>	EAI	Feb 2025	Springer
17.	UWB Antenna with Integrated Quadruple Notch Bands	Nallanagula Sanjana, Yellavula Jaswanth, Perumandla Sai Sushumna Sulakshana Chilukuri	14th EAI International Conference, BROADNETS 2024 Hyderabad, India. ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81168-5_6">https://doi.org/10.1007/978-3-031-81168-5_6</a>	EAI	Feb 2025	Springer
18.	Effective Low Leakage 6T and 8T SRAM Using CMOS 90 nm Technology	V. Siddartha Reddy G. Sumukh K. Mahesh P. Kalyani P. Bindu Swetha	14th EAI International Conference, BROADNETS 2024 Hyderabad, India. ISBN 978-3-031-81168-5.	DOI <a href="https://doi.org/10.1007/978-3-031-81171-5_19">https://doi.org/10.1007/978-3-031-81171-5_19</a>	EAI	Feb 2025	Springer
19.	Integrated Smart Footwear: Advanced Health Monitoring and Energy Harvesting	M. Naresh Kumar Boddu Mani Deep Rejinthala Nikhitha Talari Tarun Kumar and Bhavikchandra Bosamia	14th EAI International Conference, BROADNETS 2024 Hyderabad, India. ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81171-5_18">https://doi.org/10.1007/978-3-031-81171-5_18</a>	EAI	Feb 2025	Springer

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20.	CubeSat Communication Subsystem Simulation using GMSK Modulation Technique	K.Harshavardhini Dr. Sulakshana Chitlukuri G. Vikas Kumar Sri Srujan Ryali	2024 International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3), ISBN:979-8-3503-8853-4	DOI: 10.1109/IC2E362166.2024.10827588	IEEE	Jan 2025	SCOPUS
21.	Design and Development of a CPW fed Monopole Antenna for Cubesat Applications	Lakshman Kukkadapu Sulakshana Chitlukuri	2024 IEEE Asia-Pacific Microwave Conference (APMC), ISBN:979-8-3503-6354-8	DOI: 10.1109/APMC60911.2024.10867494	IEEE	Jan 2025	SCOPUS
22.	Enhanced Semantic Communication in 6G Networks Using DCGAN	Sowmya Sri Nalluri, G. A. E. Satish Kumar, Dileep Kumar Arumulla & Vinod Kumar Auti	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5.	DOI <a href="https://doi.org/10.1007/978-3-031-81168-5_12">https://doi.org/10.1007/978-3-031-81168-5_12</a>	EAI	Feb 2025	Springer
23.	Early Detection and Classification of Vitamin Deficiency Using CNN	Vyshnavi Karnati G.A.E. Satish Kumar Hima Bindu Madarapu Sowmith Gajji	2024 International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS), ISBN:979-8-3315-1809-7	DOI: 10.1109/ICICNIS64247.2024.10823343	IEEE	Jan 2025	SCOPUS
24.	Drone Detection and Classification Using YOLOv8 and Deep CNN	A. Jaya Lakshmi Gunti. Kishore Thota. Dilip Kumar V. Koushik	International Conference on Innovations and Advances in Cognitive Systems, Part of the book series: Information Systems Engineering and Management ((ISEM, volume 15)), ISBN 978-3-031-69197-3	<a href="https://doi.org/10.1007/978-3-031-69197-3_2">https://doi.org/10.1007/978-3-031-69197-3_2</a>	Springer	September 2024	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
25.	Multi-algorithmic Genetic Disease Detection Using Pupillometry	A. Jaya Lakshmi, Shruti Gajre, Akhil Burra Navar Koushik Reddy	International Conference on Innovations and Advances in Cognitive Systems, Part of the book series: Information Systems Engineering and Management ((ISEM,volume 16)), ISBN978-3-031-69201-7	<a href="https://doi.org/10.1007/978-3-031-69201-7_4">https://doi.org/10.1007/978-3-031-69201-7_4</a>	Springer	September 2024	SCOPUS
26.	Detection of Deepfake Audio Using Deep Learning	A. Jaya Lakshmi V. Sindhuja B. Meghana G. Sweekar Gupta	2024 9th International Conference on Communication and Electronics Systems (ICCES) , ISBN:979-8-3503-7797-2, Coimbatore, India	DOI: 10.1109/ICCES63552.2024.10859752	IEEE	Feb 2025	SCOPUS
27.	Differential Cascode Voltage Switch Logic (DCVSL) Level Shifter with Logic Error Detection	Azmath Noorain G. Sanjeeva Reddy, Srimanthula Manish Goud Sangeeta Singh	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81168-5_8">https://doi.org/10.1007/978-3-031-81168-5_8</a>	EAI	Feb 2025	SCOPUS
28.	Low Power VLSI Architecture for Rail To Rail Dynamic Voltage Comparator	S. Karunakaran S. Srivardhan M. Harshith K. SaiManish	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81168-5_11">https://doi.org/10.1007/978-3-031-81168-5_11</a>	EAI	Feb 2025	SCOPUS
29.	Design of Single Cycle MIPS RISC Processor Using Re-timing Technique	Sindhe Sreeja, Gudipati Sneha, Guguloth Ganesh, Sangeeta Singh	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5.	<a href="https://doi.org/10.1007/978-3-031-81168-5_17">https://doi.org/10.1007/978-3-031-81168-5_17</a>	EAI	Feb 2025	SCOPUS
30.	Prediction of Crop Based on Characteristics of Agricultural Environment	Madhavarapu Prathima Rao R. Jegadeesan P. Pranitha	14th EAI International Conference, BROADNETS 2024 Hyderabad, India	<a href="https://doi.org/10.1007/978-3-031-81168-5_18">https://doi.org/10.1007/978-3-031-81168-5_18</a>	EAI	Feb 2025	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
	Using Machine Learning Techniques	D. Praveen Kumar J. Krishna Chaitanya	ISBN 978-3-031-81168-5				
31.	Implementation and Analysis of PUF Architectures for Enhanced Security	Sangeeta Singh Azmath Noorain, G. Sanjeeva Reddy, Srimanthula Manish Goud	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5	<a href="https://doi.org/10.1007/978-3-031-81168-5_21">https://doi.org/10.1007/978-3-031-81168-5_21</a>	EAI	Feb 2025	SCOPUS
32.	Enhancing Maritime Safety with Deep Learning for Ship Identification	K. Sripal Kotra Akshay Avula Shiva Sai, Rebanamoni Sravan Kumar Reddy	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5	<a href="https://doi.org/10.1007/978-3-031-81168-5_20">https://doi.org/10.1007/978-3-031-81168-5_20</a>	EAI	Feb 2025	SCOPUS
33.	Smart Drowsiness Detection System with Microcontroller Integration	Satyarth Motupalli, J. V. R. Ravindra G. A. E. Satish Kumar, R. Phani Vidhyadhar, Ramavathar Yadav Kanneboina, Varun Kumar Reddy, Siddarth Tammineni	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5	<a href="https://doi.org/10.1007/978-3-031-81168-5_22">https://doi.org/10.1007/978-3-031-81168-5_22</a>	EAI	Feb 2025	SCOPUS
34.	Innovative Motion Sensing System with Labview	R. Phani Vidyadhar J. V. R. Ravindra G. A. E. Satish Kumar, Yanigandla Sandeep, Kanugula Ashwitha, Devansh Mantri, Faldu Vishvakumari	14th EAI International Conference, BROADNETS 2024 Hyderabad, India ISBN 978-3-031-81168-5	<a href="https://doi.org/10.1007/978-3-031-81168-5_23">https://doi.org/10.1007/978-3-031-81168-5_23</a>	EAI	Feb 2025	SCOPUS
35.	Supervene Bag A Smart Luggage Carrier	Krishna Chaitanya Janapati J. V. R. Ravindra	14th EAI International Conference, BROADNETS 2024	<a href="https://doi.org/10.1007/978-3-031-81168-5_24">https://doi.org/10.1007/978-3-031-81168-5_24</a>	EAI	Feb 2025	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
		Satyarth Motupalli Veda Manogna Nanduri, Pavani Punem, Sameer Mohammad, Sujay Kapil Peddaraju, Amit Lathigara	Hyderabad, India ISBN 978-3-031-81168-5				
36.	A Wide Band Annular-Ring Loaded Circularly Polarized Microstrip Antenna	Samuel Nishant Muthyala, Pasumarthy, Nageswara Rao, Kiran Mannem, E. R. Aruna	14th EAI International Conference, Hyderabad, India ISBN 978-3-031-81168-5	<a href="https://doi.org/10.1007/978-3-031-81168-5_26">https://doi.org/10.1007/978-3-031-81168-5_26</a>	EAI	Feb 2025	SCOPUS
37.	Robot for Transportation with an SMS Alert	Pavani Arra, Ganesh Reddy, Santhosh Reddy, V. Harini	14th EAI International Conference, Hyderabad, India ISBN 978-3-031-81168-5	<a href="https://doi.org/10.1007/978-3-031-81168-5_9">https://doi.org/10.1007/978-3-031-81168-5_9</a>	EAI	Feb 2025	SCOPUS
38.	Survival Analysis with Cox Proportional Hazards Model in Predicting Patient Outcomes	Monikapreethi S K, Dr. J. Preetha, Dr. K. Narsimha Reddy, S. Ramya, Dr. Yuvaraj S, S. Murugan	2024 5th International Conference on Electronics and Sustainable Communication Systems (ICESC)	DOI: 10.1109/ICESC60852.2024.10689732	IEEE	October 2024	SCOPUS
39.	Custom CNNs based Multimodal Emotion Recognition from Facial and Speech Cues	Chirag Karthik A. Vijaya Lakshmi V N Koteswara Rao Devana Raparathi Rohan K. Ayyappa Swamy	International Conference on Inventive Computation Technologies (ICICT-2025), ISBN: 979-8-3315-1224-8	DOI: <a href="https://doi.org/10.1109/ICICT64420.2025.11005002">10.1109/ICICT64420.2025.11005002</a>	IEEE	May 2025	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
40.	A Multi-Modal Based Gesture-to-Speech Conversion System	D. Nagajyothi M. Rajani Devi P. Hema Sree Misa Santhosh Kumar	2024 2nd International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR),	DOI: 10.1109/ICAITPR63242.2024.10960241	IEEE	April 2025	SCOPUS
41.	Quantum Filter based CNN for Improved Thyroid Nodule Classification	B. Venkatesh D. Nagajyothi P. Dheeraj Kumar K. Ravi Teja	2024 First International Conference on Software, Systems and Information Technology (SSITCON)	DOI: 10.1109/SSITCON62437.2024.10795871	IEEE	December 2024	SCOPUS
42.	Real-Time Sign Language Translation System Using QCNN for Enhanced Accessibility	B. Venkatesh D. Nagajyothi P. Dheeraj Kumar K. Ravi Teja	2025 International Conference on Inventive Computation Technologies (ICICT)	DOI: 10.1109/ICICT64420.2025.11004846	IEEE	May 2025	SCOPUS
43.	Collaborative Training of Object Detection and Re-Identification in Multi-Object Tracking Using YOLOv8	D. NagaJyothi G. Harish Reddy B. Prashanth N. Vivek Vardhan	2024 International Conference on Computing and Data Science (ICCDs)	DOI: 10.1109/ICCD60734.2024.10560451	IEEE	June 2024	SCOPUS
44.	Patient Biomedical Monitoring - Remote Care System	D. Sri Chandana Charudatta, B. Sidharth Reddy, CH. Pavan Sai S. Srinivas	1st international Conference on Innovation and Emerging Trends in Computing and Information Technologies (IETCIT 2024)	DOI: <a href="https://doi.org/10.1007/978-3-031-80839-5_18">https://doi.org/10.1007/978-3-031-80839-5_18</a>	Springer	Jan 2025	SCOPUS
45.	Online Tailoring Service - Thredle	M. Srilatha Shraddha Rai N. Archana V. R. Pragathi Reddy A. Akshaya Sree B. Niharika	2024 2nd International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR)	DOI: 10.1109/ICAITPR63242.2024.10959938	IEEE	April 2025	SCOPUS
46.	Autonomous Detection of Garbage in Water Bodies Using SSD	A. Vishnu Vardhan Reddy M. Srilatha	2025 International Conference on Inventive	DOI: 10.1109/ICICT64420.2025.11004984	IEEE	May 2025	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
		K. Srishitha Ch. Gowtham	Computation Technologies (ICICT)				
47.	Generating Descriptions for Visual Content Using Deep Learning Approach	Rajkumar B Jaya Lakshmi A Deekshitha P Vikas Goud S Krishna Dharavath	2024 2nd International Conference on Signal Processing, Communication, Power and Embedded System (SCOPE)	DOI: 10.1109/SCOPE64467.2024.10990400	IEEE	May 2025	SCOPUS
48.	CNN-Powered Deep Learning Framework for Advanced Image Steganography and Data Security	S.K. Sameer Pasha K. Ajay N. Harish S. Sreenu	Proceedings of the International Conference on Visual Analytics and Data Visualization (ICVADV-2025), ISBN: 979-8-3315-2139-4	DOI: 10.1109/ICVADV63329.2025.10961912	IEEE	April 2025	SCOPUS
49.	Smart Cities, Intelligent Solutions: A Deep Learning Approach to Urban Planning and Infrastructure Optimization	G. Deepika G. Karunya Sai Ch. Ramya J. Srilakshmi Raveendranadh Bokka Praveen Kumar Devulapalli	2024 International BIT Conference (BITCON)	DOI: 10.1109/BITCON63716.2024.10984944	IEEE	May 2025	SCOPUS
50.	Development of a Verilog-Based System for Pattern Detection Using Convolutional Neural Networks	Bala Sindhuri Kandula Sangeeta Singh Subhashini Tata T. Manasaveena V Vijayasri Bolisetty Sadguna Kumari V	2024 2nd International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems (ICMACC)	DOI: 10.1109/ICMACC62921.2024.10894333	IEEE	Feb 2025	SCOPUS
51.	Direct Torque Control of SRM Drive for Electric	Musab Abuaddous; Hashem Al-	2024 International Conference on Sustainable Power & Energy (ICSPE)	DOI: 10.1109/ICSPE62629.2024.10924388	IEEE	March 2025	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
	Vehicle by Using ANN-LSTM Controllers	Mattarneh; Amer Al-Canaan; Abhishek Sharma; Rohith Pediredla; P. B. Edwin Prabhakar <b>M. Naresh Kumar</b>					
52.	Stability Analysis of Photovoltaic Powered Induction Motor Driven Water Pumping System by Using Small Signal Analysis	N. Vasantha Gowri N. Santosh Kumar Kandi Bhanu Prakash Mohan Keshava K K Cholleti Harish G. Simi Margarat <b>M. Naresh Kumar</b>	2025 First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT)	DOI: 10.1109/CE2CT64011.2025.10939826	IEEE	April 2025	SCOPUS
53.	Telugu Braille Character Detection Using Deep Learning	M. Munindra Reddy; Ch. Srujan Kumar; G. Samatha; <b>K. Sripal Reddy</b>	2024 Global Conference on Communications and Information Technologies (GCCIT), ISBN:979-8-3503-8891-6	DOI: 10.1109/GCCI T63234.2024.10862904	IEEE	February 2025	SCOPUS
54.	Plant Identification and Analysis of Medicinal Properties Using Image Processing and CNN with MobileNetV2 and AlexNet	Rakesh Bandla; <b>J. Swetha Priyanka;</b> Yashash Chandra Dumpali; Sunil Kumar M. Hattaraki	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA), ISBN:979-8-3315-0513-4	DOI: 10.1109/INNOVA63080.2024.10847039	IEEE	Jan 2025	SCOPUS
55.	Video Enhancement for Surveillance	<b>M.Pratussha</b> C.Padmini P.BinduSwetha	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST, volume 621), First EAI	<a href="https://doi.org/10.1007/978-3-031-92614-3_9">https://doi.org/10.1007/978-3-031-92614-3_9</a>	Springer	Aug 2024	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
			International Conference, ICISCCI 2024, LNICST621, pp.1–7,2025.				
56.	Traffic Management System Using YOLO	G. Akash; M. Mahesh Babu; N. Archana; P. Kalyani	2025 International Conference on Inventive Computation Technologies (ICICT)	DOI: 10.1109/ICICT 64420.2025.11005 050	IEEE	May 2025	SCOPUS
57.	Optimizing Financial Security with Cloud AI: Implementing Deep Q-Network and Transfer Learning for Risk Management and Fraud Detection	Karthikeyan M Srinivasarao Thota K Sailaja Kunar Umanesan R; S. Karunakaran; Manne Renuka	2025 International Conference on Emerging Smart Computing and Informatics (ESCI)	DOI: 10.1109/ESCI 63694.2025.10988 191	IEEE	May 2025	Scopus
58.	Binary Learning Cooking Algorithm with Relief for Feature Selection of High-dimensional Gene Expression Data	Bibhuprasad Sahu; Swagatika Dalai; Amrutanshu Panigrahi; Abhilash Pati; Chetan Aher; JVR Ravindra	2025 International Conference on Emerging Smart Computing and Informatics (ESCI)	DOI: 10.1109/ESCI 63694.2025.10988 151	IEEE	May 2025	Scopus
59.	Optimized Low-Power FIR Filter Design Using Residue Number System for Energy-Efficient DSP Applications	Cheruku Navaneeth Kumar Goud; Ch. Kavya; S. Bharath; JVR Ravindra	2025 International Conference on Inventive Computation Technologies (ICICT)	DOI: 10.1109/ICICT 64420.2025.11004 708	IEEE	May 2025	Scopus
60.	Design and Implementation of WiFi-Control Robotic Arm for Cleaning Blackboard	Sanam Abhishek, Krishna Chaithanya Janapati, J. V. R. Ravindra, Satyarth Motupalli, Bondugula Karthik Reddy,	International Conference on Broadband Communications, Networks and Systems, Part of the book series: Lecture Notes of the Institute for Computer Sciences, Social	<a href="https://doi.org/10.1007/978-3-031-81171-5_1">https://doi.org/10.1007/978-3-031-81171-5_1</a>	Springer	Feb 2025	Scopus

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
		Godugu Suresh Vatsal A. Dharek	Informatics and Telecommunications Engineering ((LNICST,volum e 602))				
61.	IoT-Based Continuous Glucose Monitoring System	Krishna.Chaitanya Janapati Yashwanth Sai Vemula Vinay Chindam Akshay Bajjuri Koushik	2024 International Conference on Expert Clouds and Applications (ICOECA)	DOI: 10.1109/ICOE CA62351.2024.000 91	IEEE	AUG 2024	SCOPUS
62.	MIWO-IC Based MPPT of PV Fed Water Supply System Driven by Induction Motor with a Five Level Inverter	Siva Ganesh Malla Ramu Bhukya G. Divya T. Murali Krishna; Abhishek Sharma; V. Surendar Krishna Chaithanya Janapati	2024 International Conference on Intelligent Computing and Sustainable Innovations in Technology (IC-SIT)	DOI: 10.1109/IC- SIT63503.2024.108 62900	IEEE	NOV 2024	SCOPUS
63.	Efficient Energy Management System of Grid Connected wind-PV based EV Charging Station Using Novel Aggregated Control Method	Hashem Al- Mattarneh; Rabah Ismail; Musab Abuaddous; Abhishek Sharma; T. Murali Krishna; S. Subburam Krishna Chaithanya Janapati	2024 International Conference on Sustainable Power & Energy (ICSPE)	DOI: 10.1109/ICSP E62629.2024.1092 4342	IEEE	May 2025	Scopus
64.	An IoT based Obstacle Detection and Line Follower Robot using LabVIEW	R. Phani Vidyadhar; Domakonda Sai Mallik; Kavali Uday Kumar;	2024 2nd International Conference on Advancement in	DOI: 10.1109/InC ACCT61598.2024. 10551234	IEEE	July 2024	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
		Bhukya Renuka	Computation & Computer Technologies (InCACCT)				
65.	SMART CAR PARKING SYSTEM USING LabVIEW	R. Phani Vidyadhar; Domakonda Sai Mallik; Kavali Uday Kumar; Bhukya Renuka	2024 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT)	DOI: 10.1109/InCACCT61598.2024.10551166	IEEE	July 2024	SCOPUS
66.	Fundus Image Based Early Glaucoma Detection Using Deep Learning	D V P V Ananth Dhinadh; B Poojitha; K Venukarthik; Krishna Dharavath	2024 International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)	DOI: 10.1109/ICICNIS64247.2024.10823345	IEEE	Jan 2025	SCOPUS
67.	Enhancement of Underwater Images and Restoration using Deep Learning	K. Ashwini M. Koti Reddy; Narsimha Reddy Kuppireddy; M. Sekhar; Srinivsa Rao Gajula	2025 4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), ISBN:979-8-3315-3366-3	DOI: 10.1109/ICDCECE65353.2025.11034950	IEEE	June 2025	SCOPUS
68.	Optimized Low-Power Lossless ECG Compression for Healthcare Monitoring Systems	Nagarjuna Malladhi; Sunkaraboina Sreenu; M. Kotireddy; K. Narsimha Reddy; M. Sekhar	2025 4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), ISBN:979-8-3315-3366-3	DOI: 10.1109/ICDCECE65353.2025.11035738	IEEE	June 2025	SCOPUS
69.	Multi-Modal Pneumonia Detection	Easwari Avanthika Katari; Satish Kumar G.A.E; Akhila Harshitha Chilaka;	2025 5th International Conference on Pervasive Computing and Social Networking (ICPCSN), ISBN:979-8-3315-3519-3 <b>(Student)</b>	DOI: 10.1109/ICPCSN65854.2025.11035423	IEEE	June 2025	SCOPUS

S. No	Title of the paper	Authors	Name of the Conference	DOI	Publisher	Month/Year	Indexing
		Manihas Katte					
70.	Energy-Optimized High-Performance Ternary Adders based on CNTFET Technology	Rajendar Sandiri Nirup Kumar Bhurugupalli, Mothkur Swaraj, Botla Deepthi	International Conference on Inventive Computation Technologies (ICICT-2025) ISBN: 979-8-3315-1224-8, <b>(Student)</b>	DOI: 10.1109/ICICT64420.2025.11004882	IEEE	May 2025	SCOPUS
71.	Enhancement of Power Quality in a Standalone PV-Wind-Battery Hybrid Microgrid with ANN-LSTM Controllers	Faten Albtoush; Hashem Al-Mattarneh; Burada Sankara Rao; K. Siva Kumar; Ravindrakumar Yadav; M Devi Nagarjuna Malladhi	2025 First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT), ISBN:979-8-3315-1857-8	DOI: 10.1109/CE2CT64011.2025.10939083	IEEE	April 2025	SCOPUS
72.	Ensemble Transfer Learning Coupled Osprey Optimization Algorithm for Feature Selection from Skin Cancer Image Datasets	Bibhuprasad Sahu; Sanjay Kumar Sen; Amrutanshu Panigrahi; Abhilash Pati; Ghanashyam Sahoo; JVR Ravindra	2025 Fourth International Conference on Smart Technologies, Communication and Robotics (STCR)	DOI: 10.1109/STCR62650.2025.11020172	IEEE	June 2025	SCOPUS
73.	Implementation of High-Speed Full Adder Using XOR XNOR Cell in FinFET Technology	G. Likhitha; D. Vijay Raju; R. Sai Naveen; Tareeq Zaid	2024 10th International Conference on Advanced Computing and Communication Systems (ICACCS)	DOI: 10.1109/ICACCS60874.2024.10716943	IEEE	October 2024	SCOPUS