



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)


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NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)  
NBA Accredited - B.Tech. (CIVIL, CSE, CST, ECE, EEE, MECH), MBA & MCA



**Department of Electronics & Communication Engineering**

**Consolidated list of Faculty Publications**

Academic Year	SCI Indexed Journals	SCOPUS Indexed Journals	Non-SCI/SCOPUS Journal	Book Chapter	Conference	Citations
2024-25*	14	7	8	13	20	15
2023-24	14	18	4	6	31	97
2022-23	11	7	NA	5	20	216
2021-22	7	2	NA	0	1	53

  
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S. No.	Name of the Authors	Title of the paper	Name of Journals/ Book/ Conference	Month / Year	Vol. No./ Issue No./ Page No.	DOI/ISSN	Publisher	Indexing	Impact Factor	Citation
<b>Academic Year: July 2024 - June 2025</b>										
<b>Journals – SCI (2024-25)</b>										
1.	Smriti Baruah, Janmoni Borah, K. Keerthi, P.A. Banu, P. Anitha , S. Rajasekaran	Investigation of hybrid electron extraction architecture via integration of Mono-Shelled Carbon Nanotubes (MS-CNT) with perovskite oxide BaSnO3 for beyond 38% efficiency in BaZrSe3 photovoltaic cells	Optics Communications	Mar-25	131769	<a href="https://doi.org/10.1016/j.optcom.2025.131769">https://doi.org/10.1016/j.optcom.2025.131769</a>	Elsevier	SCI	2.4	NA
2.	Deepti Sharma, Rakesh N. Tiwari, Dinesh Kumar Singh & Ladislau Matekovits	A pocket-integrated miniature, dual-band, and high gain textile MIMO antenna for 5G and WiFi wearable applications	Scientific Reports (Nature)	Feb-25	15 5061	<a href="https://doi.org/10.1038/s41598-025-86605-8">https://doi.org/10.1038/s41598-025-86605-8</a>	Nature	SCI	3.8	NA
3.	P. Anilkumar, P. Venugopal, K. Lokesh, G. NagaJyothi & M. Nanda kumar	AA-TransDeeplabv3 +: a novel semantic segmentation framework for aerial images using adaptive and attentive based Transdeeplabv3 + with hybrid optimization technique	Signal, Image and Video Processing	Jan-25	19 225	<a href="https://doi.org/10.1007/s11760-024-03617-z">https://doi.org/10.1007/s11760-024-03617-z</a>	Springer	SCI	1.8	NA
4.	Sanjeev Kumar, Kunal Srivastava, Sachin Kumar, Deepti Sharma, Rakesh N. Tiwari, Abhishek Kandwal, Mahesh Kumar Singh, Bhawna Goyal	Design and Implementation of High Isolation Textile MIMO Antenna for Wearable Applications	International Journal of Communication Systems	Jan-25	38(1) e70010	<a href="https://doi.org/10.1002/dac.70010">https://doi.org/10.1002/dac.70010</a>	Wiley	SCI	1.7	NA

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5.	Rakesh N. Tiwari, O. Sevankith Sai, Deepti Sharma, M. Shiva Kumar, Prabhakar Singh, Pradeep Kumar, Chittor Sreemanya, S. Rajasekaran	A low-profile dual-band millimetre wave patch antenna for high-speed wearable and biomedical applications	Results in Engineering	Dec-24	24 (1-11)	<a href="https://doi.org/10.1016/j.rineng.2024.103212">https://doi.org/10.1016/j.rineng.2024.103212</a>	Elsevier	SCI	6	1
6.	Janmoni Borah, Smriti Baruah & Subramaniam Rajasekaran	Device Engineering of a Novel Lead-Free Solar Cell Architecture Utilizing Inorganic CsSnCl <sub>3</sub> and CsSnI <sub>3</sub> Perovskite-Based Dual Absorbers for Sustainable Powering of Wireless Networks	Journal of Electronic Materials	Nov-24	54 (944–961)	<a href="https://doi.org/10.1007/s11664-024-11605-9">https://doi.org/10.1007/s11664-024-11605-9</a>	Springer	SCI	1.9	NA
7.	Deepti Sharma; Rakesh N. Tiwari; Sachin Kumar; Ajay K. Poddar	An Improved Gain Antenna Array for Telehealth Monitoring on the Internet-of-Things Platform	IEEE Internet of Things Journal	Oct-24	Early View	<a href="https://doi.org/10.1109/JIOT.2024.3476686">https://doi.org/10.1109/JIOT.2024.3476686</a>	IEEE	SCI	8.2	NA
8.	Smriti Baruah a , Janmoni Borah a , Santanu Maity b	Device optimization of all inorganic CsPbBr <sub>3</sub> /LNMO based multi-layered perovskite light harvesters for broader capturing of solar spectrum	Solar Energy	Sep-24	280 112858	<a href="https://doi.org/10.1016/j.solener.2024.112858">https://doi.org/10.1016/j.solener.2024.112858</a>	Elsevier	SCI	6	NA
9.	S Venkatrao, B Vinod, P Baburao, R Ravindraia, Harinadh and Prabhu P	Assessment of mechanical and tribological behaviour of Mg-4Zn-1RE-0.7Zr alloy: Novel mixture of Si <sub>3</sub> N <sub>4</sub> /TiC/MoS <sub>2</sub> utilizing casting technique	Composites and Advanced Materials	Aug-24	33 (1-15)	<a href="https://doi.org/10.1177/26349833241279311">https://doi.org/10.1177/26349833241279311</a>	Sage Journal	SCI	1.7	2

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10.	Sharma, D.; Tiwari, R.N.; Kumar, S.; Sharma, S.; Matekovits	A Compact Wearable Textile Antenna for NB-IoT and ISM Band Patient Tracking Applications	Sensors	Aug-24	24 5077	<a href="https://doi.org/10.3390/s24155077">https://doi.org/10.3390/s24155077</a>	MDPI	SCI	3.4	1
11.	akesh N. Tiwari, K. Geetha Malya, Girigari Nandini, P. Baby Nikhitha, Deepti Sharma and Pradeep Kumar	Quad-Band 1 × 4 Linear MIMO Antenna for Millimeter-Wave, Wearable and Biomedical Telemetry Applications	Sensors	Jul-24	24(14) 4427	<a href="https://doi.org/10.3390/s24144427">https://doi.org/10.3390/s24144427</a>	MDPI	SCI	3.4	3
12.	Smriti Baruah, Janmoni Borah, Perugu Yaswanth Reddy, Chamarithi Sindhupriya, Nara Sathvika, Subramaniam Rajasekaran	Device engineering of lead-free $\text{FaCsSnI}_3/\text{Cs}_2\text{AgBiI}_6$ -based dual-absorber perovskite solar cell architecture for powering next-generation wireless networks	International Journal of Communication Systems, WILEY	Jul-24	Early View/ e5903	<a href="https://doi.org/10.1002/dac.5903">https://doi.org/10.1002/dac.5903</a>	Wiley	SCI	1.7	NA
13.	Smriti Baruah, Janmoni Borah, B. Vandana, S. Simran, M. Nagendra & Subramaniam Rajasekaran	Improvement of photovoltaic response in perovskite solar cell via all inorganic lead free cubic double $\text{La}_2\text{NiMnO}_6/\text{Cs}_3\text{Bi}_2\text{I}_9$ based graded absorber architecture	Optical and Quantum Electronics	Jul-24	56 1321	<a href="https://doi.org/10.1007/s11082-024-07239-0">https://doi.org/10.1007/s11082-024-07239-0</a>	Springer	SCI	2.7	2
14.	V. S. Prasanth, A. Mary Posonia & A. Parveen Akhther	Effective ensemble-based intrusion detection and energy efficient load balancing using sunflower optimization in distributed wireless sensor network	Multimedia Systems	Jul-24	30 223	<a href="https://doi.org/10.1007/s00530-024-01388-8">https://doi.org/10.1007/s00530-024-01388-8</a>	Springer	SCI	3.1	NA

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<b>Journals – SCOPUS (2024-25)</b>										
1.	Rakesh N. Tiwari, Deepti Sharma, Prabhakar Singh, Bandrevu Guru Kullayappa, Pradeep Kumar, Boya Ranga Swamy, Gulimi Pavan Kumar, S. Rajasekaran	Triple Band Lateral 4-Port Flexible MIMO Antenna for Millimeter Wave Applications at 24/28/38 GHz	Results in Engineering	Mar-25	xx	<a href="https://doi.org/10.1016/j.rineng.2025.104678">https://doi.org/10.1016/j.rineng.2025.104678</a>	Elsevier	Scopus	6	NA
2.	Ben Sujin. B. M. Sakthivel, T.P.S. Kumar Kusumanchi, Dr.G.Naga Jyothi, Divya Muralitharan	CNN-Based Voice Recognition by Self- Governing Robots to Improve Computer-Human Communication	Advances in Nonlinear Variational Inequalities	Feb-25	28(2) (1-11)	<a href="https://doi.org/10.52783/anvi.v28.1846">https://doi.org/10.52783/anvi.v28.1846</a>	Internatio nal Publicati ons	Scopus	NA	NA
3.	Janmoni Borah, Smriti Baruah, S. Yathish Kumar Reddy, M. Sasidhar, T. Sai Kiran, Subramaniam Rajasekaran	Improving Network Efficiency with Antenna and User Selections in a 5G Heterogeneous Cellular Network	Radioelectronics and Communications Systems	Jan-25	xx	<a href="https://radioelektronika.org/article/view/S0735272724050042">https://radioelektronika.org/article/view/S0735272724050042</a>	Springer	Scopus	0.61	NA

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4.	K. Vijetha, G. Charan Kumar, M. Sunitha Rani, D. Shyam Prasad, C.Srinivasa Murthy, M.Sandhiya	Enhanced Deep Learning Methodology for Detection and Identification of Brain Tumor using CNN	Advances in Nonlinear Variational Inequalities	Jan-25	28(1) 33-38	<a href="https://doi.org/10.52783/anvi.v28.2166">https://doi.org/10.52783/anvi.v28.2166</a>	International Publications	Scopus	0.1	NA
5.	Janmoni Borah, Smriti Baruah, Saranya Rayasam, Sarath Chandrika Rayapati, S. Pavan Kumar Reddy	5G Cellular Network Coverage with KUD-based SC Deployment	Radioelectronics and Communications Systems	Nov-24	66 (600–608)	<a href="https://doi.org/10.3103/S0735272723100047">https://doi.org/10.3103/S0735272723100047</a>	Springer	Scopus	0.61	NA
6.	Devashish Jha, Arifa Ahmed, Sanatan Kumar, Debanjan Roy	Fuzzy-PID and interpolation: a novel synergetic approach to process control	An International Journal of Optimization and Control: Theories & Applications	Oct-24	14(4) (355–364)	<a href="https://doi.org/10.11121/ijocta.1483">https://doi.org/10.11121/ijocta.1483</a>	Istanbul Atlas University	Scopus	2.2	NA
7.	Janmoni Borah, Smriti Baruah, Timmigani Dinesh, Kandlapalli Divya, Shaik Faseeha Anjum & Subramaniam Rajasekaran	Transmit Power Allocation for Sub-6GHz/mmWave-based 5G Cellular Network	Radioelectronics and Communications Systems	Aug-24	66 (372–379)	<a href="https://doi.org/10.3103/S0735272723060043">https://doi.org/10.3103/S0735272723060043</a>	Springer	Scopus	0.34	2

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<b>Journals – Non-SCI / SCOPUS (2024-25)</b>										
1.	Mr.V.Nagaraja, Dr.S.Rajasekaran, P.Revanth Reddy, A.Lakshmi Prakash Reddy	Enhancing Chest X-Ray Image Classification Using Deep Learning with MobileNet And ResNet	International Journal of Creative Research Thoughts (IJCRT)	Oct-24	(957-963)	<a href="https://doi.org/10.2320/2882">ISSN: 2320-2882</a>	IJ PUBLICATION	Non-SCI/ SCOPUS	NA	NA
2.	Mr. R. Arivarasu, S. Mohammed Saleem, L. Meghana, D. Naveen	Design and Performance Analysis of a 1X4 Microstrip Array Antenna Incorporated with Frequency-Selective Surface for Enhanced Sub-6 GHz 5G Applications	International Journal of All Research Education and Scientific Methods	Aug-24	2346-2362	<a href="https://www.ijaresm.com/uploaded_files/document_file/Mr._R._Arivarasu_rGnK.pdf">https://www.ijaresm.com/uploaded_files/document_file/Mr._R._Arivarasu_rGnK.pdf</a>	IJARESM	Non-SCI/ SCOPUS	NA	1
3.	Dr.Vivek Jain, M. Sankar Teja, D.Siva Deekshitha	Weed Detection Using Yolov2 Deep Learning Algorithm	International journal of innovation in engineering research & Management	Aug-24	(31-36)	<a href="https://journal.ijierm.co.in/index.php/ijierm/article/view/2303">https://journal.ijierm.co.in/index.php/ijierm/article/view/2303</a>	IJIERM	Non-SCI/ SCOPUS	NA	NA
4.	G. Naga Swetha, E. Goutham, S. Suraj, D. Tejaswini	Designing of an Area Efficient 4*4 Vedic Multiplier by Using Pass Transistor Logic And Ripple Carry Adder	International Journal of Innovation in Engineering Research and Management	Aug-24	11(8) (48-56)	<a href="https://journal.ijierm.co.in/index.php/ijierm/article/view/2305">https://journal.ijierm.co.in/index.php/ijierm/article/view/2305</a>	IJIERM	Non-SCI/ SCOPUS	NA	NA

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5.	V Sai Anusha, N Mohankumar, K Siva Kumar, S Saheef	Real Time Fall Detection System for Elderly safety using CNN	International Journal of Innovation in Engineering Research and Management	Aug-24	11(8) (68-76)	<a href="https://journal.ijierm.co.in/index.php/ijierm/article/view/2307">https://journal.ijierm.co.in/index.php/ijierm/article/view/2307</a>	IJIERM	Non-SCI/ SCOPUS	NA	NA
6.	S Kavipriya, A Faizan Basha, Crameshkumar, Mrohithkumar	Design And Implementation of Disaster Images from Satellite Images Using Vgg-Net Technique	International Journal of Innovation in Engineering Research and Management	Aug-24	11(8) (105-114)	<a href="https://journal.ijierm.co.in/index.php/ijierm/article/view/2311/1778">https://journal.ijierm.co.in/index.php/ijierm/article/view/2311/1778</a>	IJIERM	Non-SCI/ SCOPUS	NA	NA
7.	S Kavi Priya, S Suhail, V Rohith, B Srikanth	Dehazing Remote Sensing Image Using Vision Transformer With Saliency Map Transmission Technique	International Journal of Innovation in Engineering Research and Management	Aug-24	11(8) (96-104)	<a href="https://journal.ijierm.co.in/index.php/ijierm/article/view/2310/1777">https://journal.ijierm.co.in/index.php/ijierm/article/view/2310/1777</a>	IJIERM	Non-SCI/ SCOPUS	NA	NA
8.	Prasanth. V.S, S. Asif, C. Anusha, Parveen Akhther, U. Anjali	ENHANCED LUNG CANCER RECOGNITION USING NEURO FUZZY CLASSIFICATION	International Research Journal of Modernization in Engineering Technology and Science	Jul-24	6(7) 3742-3747	<a href="file:///C:/Users/earav/Downloads/IJRMETS60700086332-paper%20july%2024.pdf">file:///C:/Users/earav/Downloads/IJRMETS60700086332-paper%20july%2024.pdf</a>	Fast Track Publications	Non-SCI/ SCOPUS	NA	NA



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<b>Book Chapter – SCOPUS (2024-25)</b>										
1.	R. Ravindraiah, Grande Naga Jyothi , J. Pavan Royal , B. Nagavardhan Reddy and B. Nithish Kumar	Deep Learning Classification of Diabetic Retinopathy Using ResNet-101 Convolutional Neural Networks	Convergence of Internet of Medical Things (IoMT) and Generative AI	Mar-25	(417-438)	<a href="https://doi.org/10.4018/979-8-3693-6180-1.ch017">https://doi.org/10.4018/979-8-3693-6180-1.ch017</a>	IGI Global	Scopus	0.424	NA
2.	R. Ravindraiah, Grande Naga Jyothi , Nukala Bharath Kumar , B. Ganesh and D. Badri	Enhanced Diabetic Retinopathy Classification Using Inception Net V3: A Deep Learning Approach	Convergence of Internet of Medical Things (IoMT) and Generative AI	Mar-25	(267-290)	<a href="https://doi.org/10.4018/979-8-3693-6180-1.ch011">https://doi.org/10.4018/979-8-3693-6180-1.ch011</a>	IGI Global	Scopus	0.424	NA
3.	Lekkala, I., Mandyam, L., Chittipothala, J., Manivannan, T., Sathiyarayanan, E., Aravindraj, E.	A Multiband Sierpinski Arrowhead Fractal Antenna with 3 × 3 CSRR Array for Various Wireless Applications	Lecture Notes in Networks and Systems	Feb-25	(349–362)	<a href="https://doi.org/10.1007/978-981-97-5703-9_30">https://doi.org/10.1007/978-981-97-5703-9_30</a>	Springer	Scopus	NA	NA
4.	D. Bhavana, Shyam Prasad Devulapalli, Grande Naga Jyothi, T. Nageswara Prasad & J. Rajyalakshmi	A Novel Low Complexity SLM for PAPR Reduction in OFDM	Advanced Technologies and Societal Change (ATSC)	Jan-25	(549–554)	<a href="https://doi.org/10.1007/978-981-99-2832-3_64">https://doi.org/10.1007/978-981-99-2832-3_64</a>	Springer	Scopus	NA	NA
5.	Rajesh Kumar Pallamala, Paul Rodrigues, A. Jyothi Babu, R. Ravindraiah	Enhancing IoT Data Quality Validation in Medical Field through Big Data Analytics	Internet of Things and Big Data Analytics for a Green Environment	Nov-24	(1-16)	<a href="https://doi.org/10.1201/9781032656830">https://doi.org/10.1201/9781032656830</a>	Taylor & Francis	Scopus	NA	NA

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6.	Rakesh N. Tiwari, Prabhakar Singh	MIMO Antenna Design Structure Using Metamaterials	Metamaterials Science and Technology	Oct-24	1 (1-20)	<a href="https://doi.org/10.1007/978-981-13-0261-9_52-1">https://doi.org/10.1007/978-981-13-0261-9_52-1</a>	Springer	Scopus	NA	NA
7.	A. Parveen Akhther, A. Maryposonia, Saladi Venkata Adithya, Nakka Sai Siva Durga Prasad & V. S. Prasanth	Computer Vision-Based Speed Tracking and Dynamic Exceed Limit System	Lecture Notes on Communications in Computer and Information Science	Sep-24	2176 (378–388)	<a href="https://doi.org/10.1007/978-3-031-68905-5_32">https://doi.org/10.1007/978-3-031-68905-5_32</a>	Springer	Scopus	NA	NA
8.	A. Parveen Akhther, A. Maryposonia, Saladi Venkata Adithya, Nakka Sai Siva Durga Prasad & V. S. Prasanth	Ambulance Optimal Path Detection Using Folium and Polygonal Path Finding	Lecture Notes on Communications in Computer and Information Science	Sep-24	2177 (187–198)	<a href="https://doi.org/10.1007/978-3-031-68908-6_15">https://doi.org/10.1007/978-3-031-68908-6_15</a>	Springer	Scopus	NA	NA
9.	Arifa Ahmed, Deepak Mishra, Ganesh Prasad, Krishna Lal Baishnab	QoS-Aware Smart Resource Allocation for Green Cognitive Radio Networks	Spectrum and Power Allocation in Cognitive Radio Systems	Aug-24	ISBN: 979836932 8934 (188-213)	<a href="https://doi.org/10.4018/979-8-3693-2893-4.ch013">https://doi.org/10.4018/979-8-3693-2893-4.ch013</a>	IGI Global	Scopus	0.424	NA
10.	Jami Venkata Suman, Mamidipaka Hema, D. Raja Ramesh, A. Swetha Priya, G. Reddy Hemantha, Subba Rao Polamuri	FinFET based Design and Performance Evolution of Multiplexers	Advances in Computer Science Research	Jul-24	(1137-1142)	<a href="https://doi.org/10.2991/978-94-6463-471-6_108">https://doi.org/10.2991/978-94-6463-471-6_108</a>	Springer	Scopus	NA	1
11.	Madhavi Mallam, M. P. Yashaswini, G. Reddy Hemantha, M. K. Linga Murthy, Jami Venkata Suman	Revolutionizing Satellite Communications: A Comprehensive Exploration of Lora Technology for Enhanced Data Acceleration	Advances in Computer Science Research	Jul-24	(691-699)	<a href="https://doi.org/10.2991/978-94-6463-471-6_67">https://doi.org/10.2991/978-94-6463-471-6_67</a>	Springer	Scopus	NA	1
12.	Satrugan Kumar, Naga Venkata Rajeev, Muni Lokesh Panthagani & Nikhil Vempalli	An Efficient Plant Disease Classification Using Pre-trained CNN Model and Handcrafted Features	Lecture Notes in Electrical Engineering	Jul-24	1157	<a href="https://doi.org/10.1007/978-981-97-0562-7_24">https://doi.org/10.1007/978-981-97-0562-7_24</a>	Springer	Scopus	NA	NA


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<b>Conference – SCOPUS (2024-25)</b>										
1.	Parveen Akhther. A;N. Veera Subrahmanyam;A. Charan Sai;Prasanth V. S	A Systematic Approach for Performance Efficiency of Distributed Networks Using Machine Learning Techniques and Network Simulator 2	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	Feb-25	(1654-1660)	<a href="https://doi.org/10.1109/ICMCSI646.20.2025.1088316">https://doi.org/10.1109/ICMCSI646.20.2025.1088316</a> <u>6</u>	IEEE	Scopus	NA	NA
2.	Parveen Akhther. A; Gopavaram Sreelekha; Prasanth. V. S	AI Based Decision Tree Classifier for Detecting Anomalies in IoT Wireless Sensor Networks	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	Feb-25	(34-38)	<a href="https://doi.org/10.1109/ICMCSI646.20.2025.1088336">https://doi.org/10.1109/ICMCSI646.20.2025.1088336</a> <u>3</u>	IEEE	Scopus	NA	NA
3.	Thatikonda Harikumar; T.Sai Yashwanth; Parveen Akhther. A; Prasanth. V. S	Enhancing Autonomous Vehicle Navigation in Traffic Police Hand Gesture Recognition for Self-Driving Cars in India Using MoveNet Thunder	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	Feb-25	(1797-1802)	<a href="https://doi.org/10.1109/ICMCSI646.20.2025.1088361">https://doi.org/10.1109/ICMCSI646.20.2025.1088361</a> <u>5</u>	IEEE	Scopus	NA	NA
4.	Prasanth. V. S; Patnam Thousifa; Sunkesula Vyshnavi; Ketham Yasarwitha; A. Parveen Akhther	Machine Learning Based Secure Cardless Financial Transactions Using Multi Factor	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	Feb-25	(1486-1490)	<a href="https://doi.org/10.1109/ICMCSI646.20.2025.1088358">https://doi.org/10.1109/ICMCSI646.20.2025.1088358</a> <u>0</u>	IEEE	Scopus	NA	1

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5.	B. Shyamsundar; R. Venkateswara; H.Pavan Kumar; H. Shree Kumar	Developing a fast, energy-efficient carry skip adder with configurable delay extension utilizing the Han Carlson adder	International Conference on Computing Communication and Networking Technologies (ICCCNT)	Nov-24	(1-5)	<a href="https://doi.org/10.1109/ICCCNT61001.2024.10724590">https://doi.org/10.1109/ICCCNT61001.2024.10724590</a>	IEEE	Scopus	NA	1
6.	V Sai Anusha; R Kiran Kumar; G Charan Kumar; Palagiri Mabjan	Comprehensive Survey on Internet of Medical Things (IoMT) - Applications and Challenges	International Conference on Computing Communication and Networking Technologies (ICCCNT)	Nov-24	10724150	<a href="https://doi.org/10.1109/ICCCNT61001.2024.10724150">https://doi.org/10.1109/ICCCNT61001.2024.10724150</a>	IEEE	Scopus	NA	1
7.	Madhavi Mallam; G Reddy Hemantha; Manu H; Mounika K; Bhoomika P; H Keerthana	Interactive Delta Bot with Voice Recognition and Image Processing - A Review	International Conference on Advances in Information Technology (ICAIT)	Oct-24	(1-7)	<a href="https://doi.org/10.1109/ICAIT61638.2024.10690284">https://doi.org/10.1109/ICAIT61638.2024.10690284</a>	IEEE	Scopus	NA	NA
8.	Mohit Kumar Singh; V Chandana; P Nikitha; K Rakshitha	Simulation investigations of a pixelated metasurface absorber comprising CdTe, InAs, and InSb pixels for terahertz radiation	Control Instrumentation System Conference (CISCON)	Oct-24	(1-7)	<a href="https://doi.org/10.1109/CISCON62171.2024.10696349">https://doi.org/10.1109/CISCON62171.2024.10696349</a>	IEEE	Scopus	NA	NA
9.	Nishant Sharan, Mohit Kumar Singh, Gundlapalli Mamatha, Naggalla Chandrika, and Gujjapaneni masthan Babu	Investigation of Metasurface Absorber Using CdTe, Graphene and InSb for Terahertz Applications	Control Instrumentation System Conference (CISCON)	Oct-24	(1-5)	<a href="https://doi.org/10.1109/CISCON62171.2024.10696257">https://doi.org/10.1109/CISCON62171.2024.10696257</a>	IEEE	Scopus	NA	NA

S. No.	Name of the Authors	Title of the paper	Name of Journals/ Book/ Conference	Month / Year	Vol. No./ Issue No./ Page No.	DOI/ISSN	Publisher	Indexing	Impact Factor	Citation
10.	Ch V Ravi Sankar; P V Y Jayasree; V.N Koteswara Rao Devana; Telanakula Malleswara Rao; V Vamsi Krishna Muvvala; Mohammad Taj	A star shaped Compact Tri Band Antenna Design for C, X and Ku-Band Applications	International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)	Oct-24	(1-5)	<a href="https://doi.org/10.1109/ICEEICT61591.2024.10718601">https://doi.org/10.1109/ICEEICT61591.2024.10718601</a>	IEEE	Scopus	NA	1
11.	K. Sathesh; T. Manivannan; Kowsalya P; E. Sathiyarayanan; P. Ramanathan; E. Aravindraj	Efficient Noise Cancellation in Lung Signals Using Pipelined Adaptive LMS Algorithm	IEEE International Conference on Smart Systems for Electrical, Electronics, Communication and Computer Engineering (ICSSEECC)	Sep-24	(176-179)	<a href="https://doi.org/10.1109/ICSSEECC61126.2024.10649421">https://doi.org/10.1109/ICSSEECC61126.2024.10649421</a>	IEEE	Scopus	NA	NA
12.	E. Sathiyarayanan, N. Sridhar, T. Manivannan, A. Venkat, G. N. Reddy and P. Nithin	Optimized High-Speed Wallace Tree Multiplier Using Parallel Prefix Adders	IEEE International Conference on Smart Systems for Electrical, Electronics, Communication and Computer Engineering (ICSSEECC)	Sep-24	(220-225)	<a href="https://doi.org/10.1109/ICSSEECC61126.2024.10649488">https://doi.org/10.1109/ICSSEECC61126.2024.10649488</a>	IEEE	Scopus	NA	NA

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13.	C. Kumar; N.Devi Sree; R.Dhana Lakshmi; B. Bhavana	Enhancing Radiologist's Performance in Breast Cancer Screening Using PSO Algorithm with CNN Classifier	International Conference on Intelligent Technologies (CONIT)	Aug-24	(1-6)	<a href="https://doi.org/10.1109/CONIT61985.2024.1062673">https://doi.org/10.1109/CONIT61985.2024.1062673</a> <u>2</u>	IEEE	Scopus	NA	NA
14.	Paparao Mekala; B Surendiran; P. Ramanathan; K Ramanjaneyulu; S Sai Manikanta Prakash; T Reddy Venkata Chetan	Multi-Class Skin Disease Classification: A Study of Transfer Learning Strategies for Deep Learning Models	International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT)	Aug-24	(1-8)	<a href="https://doi.org/10.1109/IConSCEPT61884.2024.10627847">https://doi.org/10.1109/IConSCEPT61884.2024.10627847</a>	IEEE	Scopus	NA	NA
15.	B. Shyamsundar; R. Venkateswara; H. Pavan Kumar; H. Shree Kumar	Development of a Fast and Energy-Efficient Carrier Bypass Adder with Tunable Delay Extension Using the Han Carlson Adder	International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS)	Aug-24	(1-4)	<a href="https://doi.org/10.1109/ICITEICS61368.2024.10625150">https://doi.org/10.1109/ICITEICS61368.2024.10625150</a>	IEEE	Scopus	NA	NA
16.	T. Shanthi; S R Sree Lakshmi; G Saileela; N S Sneha Latha	Implementing Interference Minimization Algorithm for Improved Performance in 8x8 MU-MIMO Systems	International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS)	Aug-24	(1-9)	<a href="https://doi.org/10.1109/ICITEICS61368.2024.10624875">https://doi.org/10.1109/ICITEICS61368.2024.10624875</a>	IEEE	Scopus	NA	NA

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17.	Dhruba Jyoti Bora; Syed Sabiha; Bandi Renuka; Mandapalli Reddy Ranjitha	Study and Analysis of Electrode, Electrolyte and Skin Interface with Emphasis on Overall Magnitude of Impedance	International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	Jul-24	(1-5)	<a href="https://doi.org/10.1109/AMATHE61652.2024.10582128">https://doi.org/10.1109/AMATHE61652.2024.10582128</a>	IEEE	Scopus	NA	NA
18.	G. Reddy Hemantha; Aenikapati Swetha Priya; Jami Venkata Suman; T.V.Janardhana Rao; G.M.Anitha Priyadarshini; Madhavi Mallam	Characterization and Modeling of Gate-All-Around FET (GAA FET) for Low-Power and High- Performance Applications	International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	Jul-24	(1-5)	<a href="https://doi.org/10.1109/AMATHE61652.2024.10582059">https://doi.org/10.1109/AMATHE61652.2024.10582059</a>	IEEE	Scopus	NA	2
19.	B. Subbarayudu, H. Yadalam, J. Seepiri and J. Bhogathi	Glaucoma Detection through Synergistic Combination of Image Processing and Deep CNN using MATLAB	International Conference for Emerging Technology (INCET)	Jul-24	(1-6)	<a href="https://doi.org/10.1109/INCET61516.2024.10593177">https://doi.org/10.1109/INCET61516.2024.10593177</a>	IEEE	Scopus	NA	NA
20.	G.Mahammed Rafi; Nagalyothi. Grande; K. Naveen; R. Harish; P. Venkatesh	Development and Assessment of a Four-Element Ultra-Wideband (UWB) MIMO Antenna System for 5G Implementations	International Conference on Artificial Intelligence for Internet of Things (AIIoT)	Jul-24	(1-5)	<a href="https://doi.org/10.1109/AIIoT58432.2024.10574560">https://doi.org/10.1109/AIIoT58432.2024.10574560</a>	IEEE	Scopus	NA	NA

  
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