

Publications (Journals, Conferences & Book Chapters) from July 2023 to June 2024.

S. No.	Author, Title & Journal details	Month & Year	Indexing
1	Saravanan, R., O. Sobhana, M. Lakshmanan, and P. Arulkumar. "Fuel cell electric vehicles equipped with energy storage system for energy management: A hybrid JS-RSA approach." <i>Journal of Energy Storage</i> 72 (2023): 108646.	25 August 2023	WoS (SCIE)
2	Kalaiselvan, Kathirvel, Ragavan Saravanan, Balashanmugham Adhavan, and Gnana Sundaram Manikandan. "Hybrid methodology-based energy management of microgrid with grid-isolated electric vehicle charging system in smart distribution network." <i>Electrical engineering</i> 106, no. 3 (2024): 2705-2720. DOI: 10.1007/s00202-023-02095-9	11 November 2023	WoS (SCIE)
3	Saravanan, Ragavan, Arumugam Arunya Revathi, Ramalingam Karthick, and Muthusamy Pramma Esakki Rajamani. "Load frequency control for enhanced power system stability and reliability using hybrid RSA–HBA technique." <i>Electrical Engineering</i> 106, no. 4 (2024): 4631-4645.	05 February 2024	WoS (SCIE)
4	Bhatnagar, Shaleen, Aman Gupta, Purnendu Shekhar Pandey, Shri Ganesh V. Manerkar, Madhu Kumar Vanteru, Kottala Sri Yogi, and RSM Lakshmi Patibandla. "Efficient logistics solutions for e-commerce using wireless sensor networks." <i>IEEE Transactions on Consumer Electronics</i> 70, no. 4 (2024): 6838-6845. DOI: 10.1109/TCE.2024.3375748	11 March 2024	WoS (SCIE)
5	Muniraj, Rathinam, Ganapathiappillai Kannayeram, and Ragavan Saravanan. "Non-linear hydraulic system (MIMO) plant for optimal control and identification by hybrid BCMO-RERNN strategy." <i>International Journal of Heavy Vehicle Systems</i> 31, no. 3 (2024): 413-442.	2 May 2024	WoS (SCIE)
6	Kumar SS, Iruthayarajan MW, Saravanan R. Hybrid technique for optimizing charging-discharging behaviour of EVs and demand response for cost-effective PV microgrid system. <i>Journal of Energy Storage</i> . 2024 Aug 15; 96:112667. DOI: 10.1016/j.est.2024.112667	24 June 2024	WoS (SCIE)
7	Deshmukh, Araddhana Arvind, Prabhakar Kandukuri, Janga Vijaykumar, Anna Shalini, S. Farhad, Elangovan Muniyandy, and Yousef A. Baker El-Ebiary. "Event-based Smart Contracts for Automated Claims Processing and Payouts in Smart Insurance." <i>International Journal of advanced computer science & applications</i> 15, no. 4 (2024). DOI: 10.14569/IJACSA.2024.0150486	April 2024	Scopus
8	Sushma G, Raju V, Kandakatla R, Prabha NS, Saturi R, Mohan L. YouTube video analyzer using sentiment analysis. Original Research	23 February	Scopus

	Paper International Journal of Intelligent Systems and Applications in Engineering IJISAE. 2024:597-601.	2024	
9	Kumar, Sravan, Madhu Kumar, Chandu Naik Azmea, and Karthik Kumar Vaigandla. "Bcsdncc: a secure blockchain sdn framework for iot and cloud computing." <i>International Research Journal of Multidisciplinary Technovation</i> 6, no. 3 (2024): 26-44. DOI: 10.54392/irjmt2433	16 April 2024	Scopus
10	Banapuram, Chandini, Azmera Chandu Naik, Madhu Kumar Vanteru, V. Sravan Kumar, and Karthik Kumar Vaigandla. "A comprehensive survey of machine learning in healthcare: Predicting heart and liver disease, tuberculosis detection in chest X-ray images." <i>SSRG International Journal of Electronics and Communication Engineering</i> 11, no. 5 (2024): 155-169. DOI: 10.14445/23488549/IJECE-V11I5P116	May 2024	Scopus
11	Godavari, Swapna Sunkara, Chinta Nagaraju, Konda Manoj Kumar, Yeligeti Raju, Karthik Kumar Vaigandla, and Radhakrishna Karne. "Analysis Of Papr, Ber And Channel Estimation In Multi Carrier Modulation Systems Using Neural Networks." <i>Journal of Theoretical and Applied Information Technology</i> 102, no. 5 (2024): 1785-1795.	15 March 2024	Scopus
12	Vaigandla, Karthik Kumar, Madhu Kumar Vanteru, and Mounika Siluveru. "An extensive examination of the IoT and blockchain technologies in relation to their applications in the healthcare industry." <i>Mesopotamian Journal of Computer Science</i> 2024 (2024): 1-14. Doi: 10.58496/MJCSC/2024/001	14 Jan 2024	Scopus
13	Sivapriya N, Mohandas R, Vaigandla KK. A qos perception routing protocol for manets based on machine learning. <i>International Journal of Intelligent Systems and Applications in Engineering</i> . 2023;12(1):733-45.	25 December 2023	Scopus
14	Sivapriya, N., Madhu Kumar Vanteru, Karthik Kumar Vaigandla, and Gugulothu Balakrishna. "Evaluation of PAPR, PSD, Spectral Efficiency, BER and SNR Performance of Multi-Carrier Modulation Schemes for 5G and Beyond." <i>SSRG International Journal of Electrical and Electronics Engineering</i> 10, no. 11 (2023): 100-114. Doi: 10.14445/23488379/IJEEE-V10I11P110	Nov 2023	Scopus
15	Sivapriya, N., R. Mohandas, Padakanti Kiran Kumar, and Karthik Kumar Vaigandla. "Dissection of Mobility Model Routing Protocols in MANET on QoS Criterion." <i>International Journal of Research in Information Technology and Computing</i> (2023). Doi: 10.17762/ijritcc.v11i8.8030	Aug 2023	Scopus
16	Ramesh, P. S., Madhu Kumar Vanteru, E. Rajinikanth, Janjhyam Venkata Naga Ramesh, B. Bhasker, and A. Yasmine Begum. "Design and optimization of feedback controllers for motion control	12 Oct 2023	Scopus

	in the manufacturing system for digital twin." <i>SN Computer Science</i> 4, no. 6 (2023): 782. Doi: 10.1007/s42979-023-02228-8		
17	Vanteru, Madhu Kumar, K. A. Jayabalaji, Poonguzhali Ilango, Bhaskar Nautiyal, and A. Yasmine Begum. "Multi-Sensor Based healthcare monitoring system by LoWPAN-based architecture." <i>Measurement: Sensors</i> 28 (2023): 100826. Doi: 10.1016/j.measen.2023.100826	August 2023	Scopus
18	Rakesh, S., Nagaratna P. Hegde, M. Venu Gopalachari, D. Jayaram, Bhukya Madhu, Mohd Abdul Hameed, Ramdas Vankdothu, and LK Suresh Kumar. "Moving object detection using modified GMM based background subtraction." <i>Measurement: Sensors</i> 30 (2023): 100898. Doi: 10.1016/j.measen.2023.100898	Oct – Dec 2023	Scopus
19	Raju, G. Satheesh, N. Suman Kumar, and L. Sampath. "Influence of practicum venture process on engineering students: experience and learning outcomes of entrepreneurship course." <i>Journal of Engineering Education Transformations</i> (2023): 82-88. Doi: 10.16920/jeet/2023/v37i1/23134	14 April 2025	Scopus
20	Banothu, Balaji, and Vankdothu Ramdas. "An end-to-end smart IoT-Driven navigation for social distance monitoring framework for Covid-19 using deep convolutional neural networks in Deep Learning." <i>Measurement: Sensors</i> 32 (2024): 101005. https://doi.org/10.1016/j.measen.2023.101005	April 2024	Scopus
21	Gupta, Suneet, Madhu Kumar Vanteru, Sanjeevkumar Angadi, K. Manikandan, Mohit Tiwari, and Joshuva Arockia Dhanraj. "Current Breakthroughs and Future Perspectives in Surgery Based on AI-Based Computing Vision." <i>Human Cancer Diagnosis and Detection Using Exascale Computing</i> (2024): 227-237. DOI: 10.1002/9781394197705.ch15	19 February 2024	Scopus
22	Kiran Kumar P, Balaji B, Suman M, Syam Sundar P, Padmaja E, Girija Sravani K. A detailed roadmap from conventional-MOSFET to nanowire-MOSFET. <i>Machine Learning for VLSI Chip Design</i> . 2023 Jul 14:65-93. DOI: 10.1002/9781119910497.ch5	23 June 2023	Scopus
23	Boddukuri, Naveen Kumar, Chenigaram Kalyani, Padakanti Kiran Kumar, Kallepelli Srikanth, and Rajithkumar Siddoju. "Compressive sensing based sparsity adaptive channel estimation algorithm for massive mimo systems." In <i>2023 First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI)</i> , pp. 1-6. IEEE, 2023. DOI: 10.1109/ICAEECI58247.2023.10370843	03 January 2024	Scopus
24	Radhakrishna, Laishetty, V. S. Hariharan, Banothu Srinivas, Ganta Venkateswarlu, Eyob Messele Sefene, Akshansh Mishra, N. Gopikrishna, and Teegala Rajanikanth. "Performance Evaluation of	06 October 2023	Scopus

	ML-Based Algorithm and Taguchi Algorithm of the Hardness Value of the Friction Stir Welded AA6262 Joints at a Nugget Joint." In <i>E3S Web of Conferences</i> , vol. 430, p. 01249. EDP Sciences, 2023. https://doi.org/10.1051/e3sconf/202343001249		
25	Rajanikanth, Teegala, Seshabattar Phaneendra, Ganta Venkateswarlu, Seema Seema, Bhanothu Ravindar, Akshansh Mishra, N. Gopikrishna, and Laishetty Radhakrishna. "Image computation algorithm for determination of microstructural properties of rice husk-sisal-kenaf fiber reinforced hybrid composite." In <i>E3S Web of Conferences</i> , vol. 430, p. 01258. EDP Sciences, 2023. https://doi.org/10.1051/e3sconf/202343001258	06 October 2023	Scopus
26	Dr.A.Karunasri, Dr.V.Sudhakar Rao, Mr.T.Kumaraswamy, Mr.M.Adinarayana, A Critical Appraisal of the Stimulus Fostered by Technology in Acquiring English Language; International Journal of Research and Analytical Reviews, Volume 11, Issue 2, https://ijrar.org/papers/IJRAR24B2738.pdf	May 2024	UGC / Peer Reviewed
27	Dr.V. Sudhakar Rao, Dr.A.Karunasri, Mr.P.Ravikumar, Mr.Ch.Naresh, "Influence of Social Media in Corroborating the Acquisition Process of English Language Skills", International Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Vol.11, Issue 5, page no.b561-b566, http://www.jetir.org/papers/JETIR2405168.pdf	May 2024	UGC / Peer Reviewed
28	Ramadevi, K., Sonal Banchhor, P. Sudheer Kumar, Riyaz Syed, B. Naga Kiran, and Amruta Jagadish Killol. "Evaluation Of Compressive Strength Of Concrete Using Ndt And Artificial Intelligence Methods." <i>J. Adv. Zool</i> 45 (2024): 407-417. https://doi.org/10.53555/jaz.v45i2.3813	2024	UGC / Peer Reviewed
29	Chenigaram Kalyani, Manda Sridhar, Vemireddy Nagamalleswari, Image enhancement with optimized gamma correction weighted distribution via differential evolution algorithm, Futuristic Trends in IOT, e-ISBN: 978-93-6252-596-3, IIP Series, Volume 3, Book 4, Part 2, Chapter 7,	2024	UGC / Peer Reviewed
30	Laishetty Radhakrishna, Dr.A.Seshu Kumar, Dr.A.Krishnaiah , INVESTIGATING THE INFLUENCE OF PROCESS PARAMETERS ON THE PRECISION MACHINING OF SQUARE HOLES FOR INDUSTRIAL APPLICATIONS, <i>Advances in Mechanics</i> Volume 12, Issue 1, 2024 Page 66-76. https://advancesinmechanics.com/pdf/2024-66.pdf	2024	UGC / Peer Reviewed
31	Devender, N., M. Kalyani, and Rs Vankdothu. "A hybrid approach: SVM-ensemble transfer learning for comprehensive rice plant disease detection." <i>African Journal of biological Science</i> (2024): 348-358. doi: 10.33472/AFJBS.6.Si2.2024.348-358	02 Apr 2024	UGC / Peer Reviewed

32	Nayini Devender, Laxmi Sai Guduguntla ,Ramdas Vankdothu, Deep Learning Algorithms for illness Diagnosis; <i>African Journal of biological Science</i> , doi: 10.33472/AFJBS.6.Si2.2024.359-366	02 Apr 2024	UGC / Peer Reviewed
33	Dr. Ramdas Vankdothu, Paladugula Sushma, Ashish Ladda, Brain Tumor Detection Using CNN In Deep Learning, <i>African Journal of biological Science</i> (2024), https://doi.org/10.33472/AFJBS.6.Si2.2024.2130-2139	30 Apr 2024	UGC / Peer Reviewed
34	Krishna B, Kondle P, Vankdothu R. Automated system for identifying bird species. <i>African Journal of Biological Sciences</i> . 2024;6:367-85. https://doi.org/10.33472/AFJBS.6.Si2.2024.367-385	02 Apr 2024	UGC / Peer Reviewed
35	Krishna, Bandi, Ramdas Vankdothu, Banothu Veeru, and Jampala Chaitanya. "A brain tumor identification using fully convolution neural networks in the deep learning." In <i>MATEC Web of Conferences</i> , vol. 392, p. 01129. EDP Sciences, 2024. https://doi.org/10.1051/mateconf/202439201129	2024	UGC / Peer Reviewed
36	Ladda, Ashish, Sharanya Devunuri, and Ramdas Vankdothu. "Resource management system database maintenance in cloud computing." In <i>MATEC Web of Conferences</i> , vol. 392, p. 01134. EDP Sciences, 2024. https://doi.org/10.1051/mateconf/202439201134	18 Mar 2024	UGC / Peer Reviewed
37	Ashish Ladda , Shaik Safura Samreen , Mirza Rafathullah Baig , Sanga Ravalika, Mohammad Amaan, Dr V .Ramdas, "Fake Social Media Account Detection Using Machine Learning, INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES ISSN PRINT 2319 1775 Online 2320 7876, https://www.ijfans.org/issue?volume=Volume%2013&issue=Issue%203&year=2024	2024	UGC / Peer Reviewed
38	Ashish Ladda , S.Divya, D.Yashwanth, Md.Afroz, Dr.V .Ramdas, "YOUTUBE SPAM COMMENTS DETECTION USING MACHINE LEARNING, INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES, Volume 13,Iss 3, 2024 https://www.ijfans.org/issue?volume=Volume%2013&issue=Issue%203&year=2024	2024	UGC / Peer Reviewed
39	Ashish Ladda , M.Ramkumar, K.Keerthana, Md.Naheed, S.Nikhitha, Dr.V .Ramdas, Driver Drowsiness Detection System, , INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES Volume 13, Issue 3 (2024) https://www.ijfans.org/issue?volume=Volume%2013&issue=Issue%203&year=2024	2024	UGC / Peer Reviewed
40	Kumar, K. Vijay, S. Sravanthi, Syed Shujaiddin Sameer, and K. Anil Kumar. "Effective data aggregation model for the healthcare data transmission and security in wireless sensor network	31.12. 2023	UGC / Peer Reviewed

	environment." <i>Journal of Sensors, IoT & Health Sciences</i> 1, no. 1 (2023): 40-50. https://doi.org/10.69996/jsihs.2023004		
41	Veera Shireesha sangu, Radhika Mahajan, Sana Arshad Mohammed Salim B Khan, Manjushri Janardan Yadav Kati Anil, Chatbots and Virtual Assistants in HRM: Exploring Their Role in Employee Engagement and Support. <i>Journal of Informatics Education and Research</i> , 4(2). https://doi.org/10.52783/jier.v4i2.1175	2024	UGC / Peer Reviewed
42	Syed Shujauddin Sameer, M.Sridhar, CHALLENGES AND IMPACT OF INTERNET THINGS ON 5G NETWORKS, Futuristic Trends in IOT Volume 3 Book 6, e-ISBN: 978-93-6252-967-1, https://www.doi.org/10.58532/V3BBIO6P3CH1	May, 2024	UGC / Peer Reviewed
43	T.Rajender ,Lokesh Aryan Boora, Harika Boddupalli, Kranthi Kumar Pendyala, A. Harshith, Dr.V .Ramdas, Stock Price Prediction and Analysis using LSTM, Volume 13, Issue 3 (2024), International Journal of Food and Nutritional Sciences https://www.ijfans.org/issue?volume=Volume%2013&issue=Issue%203&year=2024	2024	UGC / Peer Reviewed
44	Fasi Ahmed Parvez, A. Swadhika, A. Navaneetha, Md.Ashraf Nadeem, A.SaiNikitha, T.Rajender, "GREEN BASKET-ONLINE VEGETABLES SALES APPLICATION, INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES, Volume 13, Iss 04, 2024, https://www.ijfans.org/issue-content/green-basket-online-vegetables-sales-application-12789	2024	UGC / Peer Reviewed
45	Dr. B. Krishna, A. Keerthana, K. Sai shivani, T. Abhishek, A. Sandeep, T.Rajender, "AI VIRTUAL MOUSE USING COMPUTER VISION TEAM –8, INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES, Volume 13, Iss 04, 2024. https://www.ijfans.org/issue?volume=Volume%2013&issue=Issue%204&year=2024	2024	UGC / Peer Reviewed
46	Raziya Begum, Mrs, Vedavani Medishetti, and Rajitha Lakavath. "Index-based Dynamic-provision of Resources in Cloud Computing Virtualization Model." (2023). http://www.ijiemr.org/downloads.php?vol=Volume-12&issue=Issue07	July 2023	UGC / Peer Reviewed
47	Siluveru, Mounika, Dharavath Nanda, and Madhavi Kesoju. "Evaluation of OFDM system in terms of PAPR and BER using PAPR Reduction Techniques: Windowing and Clipping." <i>Babylonian Journal of Networking</i> 2024 (2024): 1-8. https://doi.org/10.58496/BJN/2024/001	10 Jan 2024	UGC / Peer Reviewed
48	Rao, Allanki Sanyasi, Madhu Kumar Vanteru, Azmera Chandu Naik, Karthik Kumar Vaigandla, and Radha Krishna Karne. "PAPR and	02 Nov	UGC / Peer

	BER Analysis in FBMC/OQAM System with Pulse Shaping Filters and Various PAPR Minimization Methods." <i>International Journal on Recent and Innovation Trends in Computing and Communication</i> 11, no. 10 (2023): 2146-2155. https://doi.org/10.17762/ijritcc.v11i10.8899	2023	Reviewed
49	C. Ramakrishna, N. Venkatesh, K.Haripal Reddy, Karanam Uma Rani, B.Ravikumar, Karthik Kumar Vaigandla, Radha Krishna Karne "A Smart System for Future Generation based on the Internet of Things Employing Machine Learning, Deep Learning, and Artificial Intelligence: Comprehensive Survey." <i>Int. J. Recent Innov. Trends Comput. Commun</i> 11, no. 9 (2023): 1798-1815. DOI: https://doi.org/10.17762/ijritcc.v11i9.9167	15 Sept 2023	UGC / Peer Reviewed
50	Vaigandla, Karthik Kumar, Ranjith Kumar Siddoju, Madhu Kumar Vanteru, Malothu Devsingh, and Dudimetla Prasad. "PAPR, Spectral Efficiency, BER and SNR Analysis of OFDM: A Novel Partial Transmit Sequence-Particle Swarm Optimization Technique." <i>International Journal on AdHoc Networking Systems (IJANS)</i> 13, no. 4 (2023): 21-35. DOI:10.5121/ijans.2023.13402	Oct 2023	UGC / Peer Reviewed
51	Nayini, Devender, and Anil Kati. "Energy Efficiency in AI-Powered IoT: Challenges and Solutions." <i>International Journal for Innovative Engineering & Management Research</i> 12, no. 7 (2023). http://www.ijiemr.org/downloads.php?vol=Volume-12&issue=Issue 07	Jul 2023	UGC / Peer Reviewed
52	Dr. G.L.N. Jayaprada, K. Manoz Kumar Reddy , Suresh Kumar Mandala , Venkateshwarlu Velde, David Raju Kuppala, Ramesh Babu Akarapu, Siva Kumar Pathuri, A Novel Machine Learning Framework for Energy Optimization in WSN's, <i>African Journal of Biological Sciences</i> , ISSN: 2663-2187, Vol.6, 5, 22 May 2024 doi: 10.33472/AFJBS.6.5.2024.6675-6685	22 May 2024	UGC / Peer Reviewed
53	Guduru, Naresh, and Lingam Sampath. "Scope and Development of Young Entrepreneur in India." <i>International Journal for Innovative Engineering & Management Research</i> 12, no. 8 (2023). https://doi.org/10.48047/IJEMR/V12/ISSUE	Aug 2023	UGC / Peer Reviewed
54	Gopikrishna, A. "THE ROLE OF AI AND MACHINE LEARNING IN PERSONALISED DIGITAL MARKETING: TRANSFORMING CUSTOMER ENGAGEMENT AND ROI." <i>International Journal on Customer Relations</i> 12, no. 2 (2024).	2024	UGC / Peer Reviewed