



Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Department of Computer Science and Engineering

Faculty Publication details

(Academic Year 2025-26)

JOURNAL PUBLICATIONS:

SCI Journals

1. **Ramesh, G. (2025)** Vidya & Edge aware directional coding (EADC) for face expression recognition, Journal of Information and Optimization Sciences, 46:4-A, 979–989, DOI: [10.47974/JIOS-1884](https://doi.org/10.47974/JIOS-1884). (ESCI).
2. **Siri, D., Kocherla, R., Tumkunta, S. et al. (2025)**, Bio inspired feature selection and graph learning for sepsis risk stratification. Scientific Reports 15, 17875, DOI: <https://doi.org/10.1038/s41598-025-02889-w>
3. **Siri, D., Vatambeti, R., Gandikota, H.P., et al. (2025)**, Enhancing sparse data recommendations with self-inspected adaptive SMOTE and hybrid neural networks. Scientific Reports 15, 17229. DOI: <https://doi.org/10.1038/s41598-025-02593-9>
4. **Shamal Bulbule, Shridevi Soma et al.** PsqNet: Parallel SqueezeNet for Myocardial Infarction Detection using Echocardiography. International Journal of Biomedical Engineering and Technology. DOI:10.1504/IJBET.2025.10069612.
5. **Varaprasada Rao P, Aravapalli Rama Satish,** Fractional gannet humming optimization enabled deep convolutional neural network for detection and segmentation of skincancer. DOI:<https://doi.org/10.1016/j.neucom.2025.129816> (elsevier) (Neurocomputing)
6. **P.Varaprasada Rao, P.Chinniah, B, Veera sekhar reddy.** Efficient Medical image encryption and attack detection using hyperchaotic fibonacci polynomial convolutional neural network in IOT healthcare Networks., DOI: <https://doi.org/10.1016/j.neucom.2025.131537> (elsevier)(Neurocomputing)
7. **K. Chandra Mouli, Ch. V. Raghavendran, et al.** Ethereum Price Prediction Using Time Series and Deep Learning Techniques Published in Applied Computational Intelligence and Soft Computing, ISSN 1687-9724 (Print) 1687-9732 (Online) Publisher Wiley, DOI: <https://doi.org/10.1155/acis/6167862> Journal volume & issue Vol. 2025.
8. **Ramesh G Surekha P, Sagar PV,**(2025)Improving Micro-Expression Recognition With An Enhanced Descriptor Combining Gw-Lbp, TGMH, AND WT. Archives for Technical Sciences. Dec30;3(34):1172–1. <https://doi.org/10.70102/afts.2025.1834.1172>



9. **Ramesh, G** Gupta, P., Gupta, S., Goel, L., Agarwal, A. K., Singh, A. Hybrid Convolutional Neural Network and Generative Adversarial Network Framework for Robust Deepfake Detection: Advancing Accuracy, Scalability, and Multimodal Integration. J. Vis. Exp. (222), e68426, doi:10.3791/68426 (2025). **DOI: [10.3791/68426](https://doi.org/10.3791/68426)**
10. **Mallikarjuna Rao Ch**, Ushasree D, Praveen Krishna AV, Lalita Parameswari DV. An Advanced Multimodal Ai Framework For Early Brain Stroke Detection Using Hybrid Feature Selection, Ensemble Models, And Reinforcement Learning. Archives for TechnicalSciences.2025Dec30;3(34):381–92.
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12. **Ramesh, G** Gupta, P., Gupta, S., Goel, L., Agarwal, A. K., Singh, A. (2025) Hybrid Convolutional Neural Network and Generative Adversarial Network Framework for Robust Deepfake Detection: Advancing Accuracy, Scalability, and Multimodal Integration. J. Vis. Exp. (222), e68426, DOI:10.3791/68426
13. **Mallikarjuna Rao Ch**, Ushasree, D., Krishna, A.V.P., et al. SCFM-Net: Siamese convolutional fractional max out network for early brain stroke disease detection using MRI image. Eur. Phys. J. Plus 140, 1119 (2025). <https://doi.org/10.1140/epjp/s13360-025-07026-0>
14. **Mallikarjuna Rao Ch**, Sree U, Krishna P, Parameshwari L. Early brain stroke detection using multilayer perceptron of convolutional neural network-based residual network. Technology and Health Care. 2025;33(5):2069-2082. **DOI:10.1177/09287329241308465**
15. **Chandra Mouli Kathi** et al (2026). Machine Learning for Coronary Heart Disease Risk Prediction: A Conventional and Ensemble Classification Model Approach. ITEGAM-JETIA, 12(57), 104-114.DOI: <https://doi.org/10.5935/jetia.v12i57.2753>
16. **Ramesh G**,(2026) Quantitative Analysis Of Micro-Expression Phenotypes Via Cumulated Optical Flow And Lbp-Top Under Varying Environmental Constraints. Genetics and Molecular Research. **DOI: <https://doi.org/10.4238/k94rcc40>**



SCOPUS Journals

1. **G.Ramesh**,Singh, R., Gulhane, M., Cajla, P. et al.(2025) LSTM-FFAM: utilization of long-short term memory recurrent neural network with feed forward attention mechanism for detection of replay attacks in wireless sensor networks. Int. j. inf. tecnol. (2025). <https://doi.org/10.1007/s41870-025-02630-w>.
2. **G.Charles Babu**,(2025) “Optimizing Township Government Administration with Genetic Algorithms for a Green and Sustainable Rural Future”, Eng. Technol. Appl. Sci.Res.,vol.15,no.2, pp. 21895–21902,,<https://doi.org/10.48084/etasr.9769>



UGC/ Other Journals:

1. **Siri, D.,** Janardhan, M., Neelima, A., Sathish Kumar, R., Balakrishna, N., Sreenivasa, N., Tejesh Reddy Singasani, & Vatambeti, R. (2024). Segment-Based Unsupervised Deep Learning for Human Activity Recognition using Accelerometer Data and SBOA based Channel Attention Networks. *International Research Journal of Multidisciplinary Technovation*, 6(6), 1-16. <https://doi.org/10.54392/irjmt2461>

Book Chapters:

1. **Suneetha, T.V.,** Bonthu, K. (2025). Innovations in Liver Tumor Analysis: A Review of Segmentation and Classification Approaches. In: Dutta, S., Bhattacharya, A., Balas, V.E., Hasan, M.K. (eds) *Data Mining and Information Security. ICDMIS 2024. Lecture Notes in Networks and Systems*, vol 1388. Springer, Singapore. https://doi.org/10.1007/978-981-96-6063-6_15
2. **Nagaraju, K.C.,** Bhargavilatha, S., Sandhya Rani, M. and Srinath, S., 2024, September. Future Prospects of Work in the Age of AI and Blockchain. In *World Conference on Information Systems for Business Management* (pp. 39-56). Singapore: Springer Nature Singapore. https://doi.org/10.1007/978-981-96-1747-0_4
3. **Akila Venkatraman,** Arun Agrawal, V. Sudharsan, M. Kamatchi Saranya, Manasa Adusumilli, C. Umarani, Rishi Soni, Deepak Gupta, *Intelligent Cost Governance in Projects: Machine Learning-Driven Forecasting, Anomaly Detection, and Value Leakage Prevention, AI-Driven Project Planning, Decision Intelligence, and Risk Management*, IGI Global Scientific Publishing, <https://doi.org/10.4018/979-8-2600-1756-2.ch006>.
4. **Venkatraman Akila,** Zayd Ajzan Salami, Saif Obayd Husayn, F. F. Tairova, Manzar Abdulkhayrov, *AI-Designed Magnetic Soft Matter for Shape-Shifting Electronics ,Adaptive Technologies for Sustainable Growth*, Taylor&Francis, Edition 1st Edition, First Published 2026, Imprint CRC Press, Pages 6. <https://doi.org/10.1201/9781003739937>

SCOPUS CONFERENCE PROCEEDINGS:

1. **Gajula Ramesh,** Abhiram Dodda, Poojith Reddy Talla, “Text summarization and information extraction using natural language processing, 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 27–29 June 2024, Ahmedabad, India. <https://doi.org/10.1063/5.0261360>.
2. **Madhavi Karanam,** Vamshi Koude; Rohith Kyatham; Sudheer Muthoju; Anuragh Paspula; Suhas Thadem; Mygate griet app using android development, 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 27–29 June 2024, Ahmedabad, India. <https://doi.org/10.1063/5.0261344>.



3. **Dupakuntla Ushasree**, Ganta Sai Meghanadh; Cherukupalli Mallikarjuna Rao, Stroke vision: A cutting-edge computationally sustainable fusion architecture of vision transformer for brain stroke detection, 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 27–29 June 2024, Ahmedabad, India. <https://doi.org/10.1063/5.0261317>
4. **Cherukupalli Mallikarjuna Rao**, Tekumatla Anusha; Heart disease prediction by using machine learning, 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 27–29 June 2024, Ahmedabad, India. <https://doi.org/10.1063/5.0261344>.
5. **Cherukupalli Mallikarjuna Rao**, Tekumatla Anusha; Study on extraction of main urban roads from satellite images by different techniques, 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 27–29 June 2024, Ahmedabad, India. <https://doi.org/10.1063/5.0261341>
6. **T.V.Suneetha**; An in-depth comparison and evaluation of liver tumor segmentation and classification using latest medical image segmentation techniques AIP Conference Proceedings ISSN: 0094243X Volume: 3263 Issue: 1 Conference Paper 2025 EID: 2-s2.0-105015313957 DOI: 10.1063/5.0261708
7. **T.V.Suneetha**; Content Based Image Retrieval Using Deep Learning AIP Conference Proceedings ISSN: 0094243X Volume: 3157 Issue: 1 Conference Paper 2025 EID: 2-s2.0-105003891199 DOI: 10.1063/5.0261658
8. **Karibandi Venkata Sai Lakshmi Harika**, Manjunatha; Ginni Nijhawan; B. Veerasekhara Reddy; Rusul Najm; Maneesh Upadhyay; Detecting Deceptive Narratives in Social Media Using Advanced Natural Language and Signal Processing Techniques, 2025 International Conference on Intelligent Control Computing and Communications Ic3 2025 pp. 795-800. <https://ieeexplore.ieee.org/document/10957242>
9. **Karibandi Venkata Sai Lakshmi Harika**; Singamsetty Ritwika; Bulipe Sankara Babu; Chakali Srikanth; Siva Shankar Subramanian; Zaid Alsalam; Ram Narayan; Preetjot Singh Determining BMI (body mass index) through face. 16TH INTERNATIONAL CONFERENCE ON MATERIALS PROCESSING AND CHARACTERIZATION 2024, 27–29 June 2024, Ahmedabad, India. <https://doi.org/10.1063/5.0261293>
10. **Vekata Sai Lakshmi Harika Karibandi** Gesture Prognosis: Interactive Sign Language Learning using Real-Time Gesture Recognition; V. Jyothi; Abhijeeth Adepu; Yeshwanth Adla; Nigam Challa; Yashraj Thomas, 2024 4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS), <https://ieeexplore.ieee.org/document/10866648>
11. **Dharmapuri Siri**, Ginni Nijhawan; Satbir Singh Sehgal; Sahiba Sharma; Analyzing size's impact on tensile strength of polymer nanocomposites: Mechanical testing and



- material characterization ,AIP Conf. Proc. 3157, 120012 (2025)<https://doi.org/10.1063/5.0271962>
12. **Dharmapuri Siri**, Vishal Sharma ;Mansi Nautiyal;Prabhakar Bhandari;L. Govardhanprocess planning and scheduling optimization for low fossil-carbon manufacturing ,AIP Conf. Proc. 3157,110022 (2025)<https://doi.org/10.1063/5.0263436>
13. **D Siri**, AH Shnain, Z Abed, Implementation and Impact Assessment of Organic Crop Rotation Techniques for Soil Health Improvement in Temperate Agroecosystems,SHS Web of Conferences 216, 01007,<https://doi.org/10.1051/shsconf/202521601007>
14. **Jyothi, V.**, Survey on Privacy-Preserving Medical Image Analysis with Big Data and Blockchain using ML and DL 2025 Srinivasarao, B. 3rd International Conference on Electronics and Renewable Systems Icears 2025 Proceedings pp.1323-1328<https://ieeexplore.ieee.org/document/10940761>
15. **Jyothi,V.**Decoding Tumor Gene Expression for Multiclass Cancer Classification, Srujana, M., Himasreeja, Y., ...Sanjana, S.S., Fatima, B. 3rd International Conference on Electronics and Renewable Systems Icears 2025 Proceedings pp. 1666-1670 (2025) DOI: 10.1109/ICEARS64219.2025.10941486
16. **Karibandi, V.S.L.H** Gesture Prognosis: Interactive Sign Language Learning using Real-Time Gesture Recognition Jyothi, V., Adepu, A., ...Challa, N., Thomas, Y.Proceedings of the 4th International Conference on Ubiquitous Computing and Intelligent Information Systems Icuiss 2024 pp. 466-472 (2025) DOI: 10.1109/ICUIS64676.2024.10866648
17. **T.V.Suneetha**, B.Rajalakshmi,SeemaGarg,R.S.Sengar Mathura,Manish Gupta, Abdulhussein,N. Sirisha, Orbiting Innovation with the Impact of Dedicated Satellite Missions on Remote Sensing Capabilities, 2025 International Conference on Intelligent Control, Computing and Communications (IC3)13-14 Feb 2025
18. **Dharmapuri Siri**, Pragya Dubey;Ankith Bharadwaj;Kranthi Kumar;Lakkireddy Venkateswara Reddy, Breast cancer prediction using machine learning algorithm and imposing a pink ribbon card ,AIP Conf. Proc. 3263, 150011 (2025) <https://doi.org/10.1063/5.0261804>
19. **Dharmapuri Siri**,Palnati Shirisha;Gorla Satish Kumar; Kanakam Shivanjan;



Kandhula Shiva Rama Krishna; Kadari Vineela; IOT and ML-based industrial pollution detection in agri-food chains,,AIP Conf. Proc. 3263, 200015 (2025)
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20. **Dharmapuri Siri**,Maithili Kamalakannan; Tanuj Manikyala;Gudise Vivek Mudiraj;Kasireddy Tharun;Dharani Sai Kumar; Precise odor detection with the combination of sensor fusion and dense neural network techniques,AIP Conf. Proc. 3263, 150037 (2025)<https://doi.org/10.1063/5.0261464>

21. **Dharmapuri Siri**;Srija Anuragini;Bulipe Sankara Babu;Yerragudipadu Subbarayudu;Laeth Hamza;Farah Maarfi;Amit Dutt,Investigating benchmarking techniques for unveiling large language model performance ,AIP Conf. Proc.3263, 170002 (2025)<https://doi.org/10.1063/5.0261237>

22. **Dharmapuri Siri**; Chamakura Chandra Shekar; Bulipe Sankara Babu; Seelam Sai Satyanarayana Reddy; Zayd Ajzan Balasem; Monika Singh; Atul Singla,Survey on the potential impact of quantum computing on blockchain security ,AIP Conf. Proc. 3263, 030006 (2025) ,<https://doi.org/10.1063/5.0261884>

23. **Dharmapuri Siri**; Duggi Swathi; Bulipe Sankara Babu; Mangalagiri Lakshmi Kanth; Muntadar Muhsen; Awadhesh Chandramauli; Aakash Sharma,Sustainable feedback: Modeling spoiler-free reviews,AIP Conf. Proc. 3263, 150050 (2025)
<https://doi.org/10.1063/5.0262494>

24. **Dharmapuri Siri**,Beemanpally Vandana; Bachu Vikas; Eslavath Ganesh; Eppaturi Naresh; Keshannagari Shreya; Tulasamolla Bhargavi; Integrating a sustainable design energy source for electric vehicles ,AIP Conf. Proc. 3263, 200014 (2025)
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25. **Dharmapuri Siri**; Kyatam HarshavardhiniCorresponding Author; Bulipe Sankara Babu; Kamalakannan Maithili; Ramy Read Hussien; Yasir Khan; Amit Dutt,Geospatial intelligence for road extraction ,AIP Conf. Proc. 3263, 080010 (2025)<https://doi.org/10.1063/5.0261234>

26. **Dharmapuri Siri**,Lakkireddy Venkateswara Reddy; Radhika Kumari; Kottakapu Navya Sri; Dundi Mounika; Mutyala Srinidhi; Chenchala Vamshi; Bande Ganesh, Monitoring of fire within forest using advanced digital differential based neural network for sustainable development,AIP Conf. Proc. 3263, 150032 (2025)
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27. **Dharmapuri Siri**; Duggi Swathi; Chowbin Shreeya; Akula Harika; Kondur Shushanthika; T.V. V. Pavan Kumar; Zayd Ajzan Balasem; Pankaj Singh Rawat; Sorabh Lakhanpal,Optimizing data management: Strategies for efficient storage,AIP Conf. Proc. 3263, 070001 (2025) ,<https://doi.org/10.1063/5.0262495>

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- material characterization. AIP Conference Proceedings, 3157(1), 120012. <https://doi.org/10.1063/5.0271962>
29. **Siri, D. (2025)**, Sharma, V., Nautiyal, M., Bhandari, P., Govardhan, L., &. Process planning and scheduling optimization for low fossil-carbon manufacturing. AIP Conference Proceedings, 3157(1), 110022. <https://doi.org/10.1063/5.0263436>
30. **Dharmapuri Siri . (2025)**. Singh, B., Nautiyal, R. D., Kumar, K., Pandey, A. K., Piezoelectric actuator characterization through piezoresponse force microscopy (PFM) analysis. AIP Conference Proceedings, 3157(1), 120052. <https://doi.org/10.1063/5.0263510>
31. **Siri, D. (2025)**, Raj, V. H., Shubhra, T., Al-Rubaye, T. M. K., Enhancing strategic marketing with AI-driven insights into dynamic preferences and decision patterns. In Proceedings of the 2025 International Conference on Intelligent Control, Computing and Communications (IC3) (pp. 1–6). IEEE. <https://doi.org/10.1109/IC363308.2025.10957545>
32. **Siri, D. (2025)**, Setia, S., Ravulakollu, K. K., Verma, K., Garg, S., Mishra, S. K., Sharan, B., Optimizing crop manufacturing: Combining IoT, smart technology, and information mining for sustainableConference: 2025 International Conference on Intelligent Control, Computing and Communications (IC3),DOI: 10.1109/IC363308.2025.10957149
33. **Ramesh, G.**, Lavanya, B.M., Reddy, P.D.K., Nagaraju, K.C., Penta, S., Hussen, R.R., Tangariya, P. and Jain, A., 2025, August. Emo-Tuner: Enhanced facial emotion analysis in music recommendation system. In AIP Conference Proceedings (Vol. 3263, No. 1, p. 020005). AIP Publishing LLC. <https://doi.org/10.1063/5.0261356>
34. **Nagaraju, K.C.** Mohiuddin, M.A., Bommala, H., Karumanchi, M.D., Fathima, N., and Pant, R., 2025, April. The software failure prediction field's performance of machine learning classifiers compared to ensemble classifiers. In AIP Conference Proceedings (Vol. 3157, No. 1, p. 080019). AIP Publishing LLC. <https://doi.org/10.1063/5.0270585>
35. **Nagaraju, K.C.**, Balaji, V., Madhvai, K., Ramesh, G., Reddy, R., Ihassan, M., Bisht, A. and Kaushik, V., 2025, August. Formability study on welded AZ31B magnesium alloy sheets using machine learning models. In AIP Conference Proceedings (Vol. 3263, No. 1, p. 150054). AIP Publishing LLC. <https://doi.org/10.1063/5.0261308>
36. **Nagaraju, K.C.**, Mushti, S., Jangam, K., Kondayolla, R., Boddu, N.R., Lingamallu, R.K. and 2025, August. Driver drowsiness detection. In AIP Conference Proceedings (Vol. 3263, No. 1, p. 030008). AIP Publishing LLC. <https://doi.org/10.1063/5.0261340>
37. **Aadi Nagender Babu**, Kunchala Jaya Shankar; Gade Venkata Krishna Raj Abhishek; Pechetty Harshavardhan; Andagunda Praveen; Manasa Manchala; Laeth Hussain; Madhulika Kumari; Harpal Thethi. Sustainability survey on image understanding through deep learning with automatic image caption generation. AIP Conf. Proc. 3263,



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38. **Nagaraju, K.C.**, Thirumalagiri, M.K., Jurmure, S.K., Peddi, C., Tata, A., Yanamadni, V.R., Shnain, A.H., Dhama, S. and Dev, A., 2025, August. A spatial attentional generative adversarial network model for text-to-image generation. In AIP Conference Proceedings (Vol. 3263, No. 1, p. 110001). AIP Publishing LLC. <https://doi.org/10.1063/5.0261307>
39. **Nagender Aadi**, Sathwika Dimmiti, Harshitha Gade, Pyla Hymavathi, Prajwal Chitty, Naveen Raja Sasidharan Manohara,. LSTM-based long-term sustainable prediction systems for improved stock market analysis Journal: AIP Conference Proceedings AIP Conf. Proc. 3263, 080012 (2025) <https://doi.org/10.1063/5.0261675>
40. **Kathi Chandra Mouli**, Regella Venkata Satya Lalitha, Hanumanthakari Kalyan Rao, Garigipati Sathish, Chaluvadi Venkata Raghavendran, Harikrishna Bommala, Haider Muhamed Abass, Junaid Aman, Ginni Nijhawan Bibliographic analysis of data dissemination in vehicular ad hoc networks. Journal: AIP Conference Proceedings AIP Conf. Proc. 3263, 020003 (2025) <https://doi.org/10.1063/5.0261254>
41. **Kathi Chandra Mouli**, Pasam Thanusha, Polepally Sukeerthi, Bobbili Varsha, Nadimenti Praveen, Rambabu Mudusu. Journal: AIP Conference Proceedings. WATERNET – Water quality monitoring using turbidity sensor with arduino. AIP Conf. Proc. 3263, 140009 (2025) <https://doi.org/10.1063/5.0262412>
42. **Kathi Chandra Mouli**, Surya Kala Nagireddi, Balappagari Indupriya, Dupakuntla Ushasree, Naga Bhargavi Kovvuri, Srinivas Jhade, Ramee Hussaien, Yogesh Kumar Awasthi, Amandeep Nagpal. A novel approach to detect paddy crop diseases using deep learning. Journal: AIP Conference Proceedings. AIP Conf. Proc. 3263, 080001 (2025). <https://doi.org/10.1063/5.0261255>
43. **Bisthi Geetha Kumari***; *Sravya Boya*; *Divya Boya*; *Bulipe Sankara Babu*;*Intelligent classification techniques fuzzy CNN use face detection using deep learning. AIP Conference Proceedings. AIP Conf. Proc. 3263, 140002 (2025) <https://doi.org/10.1063/5.0261321>
44. **Geetha Kumari**, Pragya Agarwal; B. Ravali Reddy; Sarah Abbas Shakir; Hemanth Raju; B. Lavish Kansal “Semantic Attribute Mapping for Zero-Shot Object Classification in Deep Learning Networks”DOI: 10.1109/IC363308.2025.10957576 Published in: 2025 International Conference on Intelligent Control, Computing and Communications (IC3)
45. Divya Boya. (2025), Sekhar, M.C., Kavitha, P.N., Shankar, B.U., Aakula, A.,



MedFusionAI: A Deep Learning Framework for Multi-Modal Health Data Fusion to Predict Chronic Disease Risks. International Journal of Computational and Experimental Science and Engineering. <https://doi.org/10.22399/ijcesen.2159>.

46. **B. Divya**, K. Geethaprabha, H. Alabdali, M. B. B G, B. V. Kumar , "Urban Change Detection based Convolutional Auto Encoder - Content Loss using High-Resolution Images," 2024 International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC), Bengaluru, India, 2024, pp. 1-5, doi: 10.1109/ICDSCNC62492.2024.10940045.
47. **Neelima Gogineni** Falak Tuba, Chakinarapu Likitha; Venila Pitta; Vadde Manohar; Nikhil Yadav;. An efficient novel approach on text summarization through machine learning paradigm for detecting fake statements <https://doi.org/10.1063/5.0262413>
48. **Gogineni Neelima**; Vellanki Srilakshmi; Dharmapuri Siri; Srihitha Guna Priya; Arandi Channabasamma; Duggi Swathi; Uma Shankar Kommanaboina; Mohammed Al-Farouni; Pratibha Pandey; Alok Jain, Trash net: Waste material identification system using deep learning.
49. **Divya Boya**, Jonnalagadda Chitkalananda, Ganesh Preetam Matsa, Reddi Baargava, Yella Jignas Sai Naga, Satta Bharath Reddy, Muhamed Hossain Fallah, Kanika Dulta, Ginni Nijhawan; Autism spectrum disorder detection using ML. AIP Conf. Proc. 18 August 2025; 3263 (1): 150008. <https://doi.org/10.1063/5.0262475>
50. **Sravanthi J.** Hassan M. Al-Jawahry;Jajimoggala Seetaram;Sakthi Sree J Kannadasan S;M. Ramya AI Integration in FI and VSC Technologies published in: 2025 International Conference on Intelligent Control, Computing and Communications (IC3) Date of Conference: 13-14 February 2025;Date Added to IEEE Xplore: 16 April 2025.DOI: 10.1109/IC363308.2025.10957349; Publisher: IEEE
51. **Jajimoggala Sravanthi**, Kanumuri I S N Vaishnavi;;Muhammed Al-Fatlawi;Suganya Shesathr; M. Kamala;T. Karthikeyan, AI Empowered ECG's for Prognosis of Cardiovascular Contractile Brokenness (CCD) Published in: 2025 International Conference on Intelligent Control, Computing and Communications (IC3),Date of Conference: 13-14 February 2025 Date Added to IEEE Xplore: 16 April 2025,DOI: 10.1109/IC363308.2025.10956579 Publisher: IEEE
52. **Jajimoggala Sravanthi**, P. Sruthi, Renukadevi. M;Zayd Balasse;Shravanthi Mantra Prithvi Raj;B. R. Supreeth. EAPD Diagnosis Diagnosis Using AI Date of Conference: 13-14 February 2025,Date Added to IEEE Xplore: 16 April 2025 DOI: 10.1109/IC363308.2025.10956350,Publisher: IEEE
53. **Jajimoggala Sravanthi**, Rakesh Chandrashekar; Amandeep Nagpa;R S Sengar;Ali Albawi;;N Sirisha Komal Agrawal Emotion Driven Generative Systems for Enhancing Creative Expression Through Technology Date of Conference: 13-14 February 2025 Date Added to IEEE Xplore: 16 April 2025 DOI: 10.1109/IC3633.



54. **Jajimoggala Sravanthi** ,Kusuma Deepti Yadav; Siddoju Bhargavi; Gangaram Sai Ritesh; Bande Ganesh,E-waste classifier: Employing teachable machine for sustainable solutions 18 August 2025 AIP Conf. Proc. 3263, 150021 (2025). <https://doi.org/10.1063/5.0261259>
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