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Department of Information Science and Engineering
CONFERENCE PROCEEDINGS Publication details JULY 2023- JUNE2024

Sl. No.	Authors (Listed as published in the article)	Title	Conference Name	IEEE/IET/ Springer/Elsevier etc	DOI	LINK
1	Santhosh S Ashwin Shenoy M; Akhila DS; Pradeep G. S; Vaikunta Pai T	Deep Learning Based Kidney Stone Detection Using CT Scan Images	2023 First International Conference on Advances in Electrical, Electronics and Computational Intelligence	IEEE	10.1109/ICAEECI58247.2023.10370804	http://doi.org/10.1109/ICAEECI58247.2023.10370804
2	Rao, M.G., Pawar, S., Priyanka, H., Hemant Kumar Reddy, K., Vatsala, G.A.	Lifetime Enhancement of the IOT WSN Using the Hybrid Optimization Technique.	Advances in Computing and Information. ERCICA 2023.	Springer	10.1007/978-981-99-7622-5_16	http://doi.org/10.1007/978-981-99-7622-5_16
3	Abhishek S. Rao, P Adokshaj Bhandarkar, Padmashali Akshay Devanand, Prateek Shankar, Srinivas Shanti, Karthik Pai B H	Text to Photo-Realistic Image Synthesis Text to Photo-Realistic Image Synthesis using Generative Adversarial Networks	2023 2nd International Conference on Futuristic Technologies (INCOFT)	IEEE	10.1109/INCOFT60753.2023.10425482	http://doi.org/10.1109/INCOFT60753.2023.10425482
4	S. Sandeep Kumar, U. Divakarla	Mulberry Leaves Diseases and Disease Identification Techniques	International Conference on Integrated Intelligence and Communication Systems (ICIICS),2023	IEEE	10.1109/ICIICS59993.2023.10421635.	http://doi.org/10.1109/ICIICS59993.2023.10421635
5	Ranganatha K, Abhishek S. Rao, Shilpa B, Vasanth Nayak, Nakul N Shet	Leveraging Sentiment Analysis and Negation Phrase Identification for Mitigating Information Overload in E-commerce	*2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNWC)*	IEEE	10.1109/ICMNWC60182.2023.10435659	http://doi.org/10.1109/ICMNWC60182.2023.10435659
6	Sumathi Pawar, Suma K	Emotion Detection Using Adaboost and CNN	2023 IEEE 2nd International Conference on Data, Decision and Systems (ICDDS)	IEEE	10.1109/ICDDS59137.2023.10434694.	http://doi.org/10.1109/ICDDS59137.2023.10434694

7	Sumathi Pawar, Suma K, GeethaLaxmi	Application Programming Interface with a Case Study of SOA	2023 International Conference on Integrated Intelligence and Communication Systems (ICIICS)	IEEE	10.1109/ICIICS59993.2023.10421593	http://doi.org/10.1109/ICIICS59993.2023.10421593
8	U. Divakarla and K. Chandrasekaran	Predicting Phishing Emails and Websites to Fight Cybersecurity Threats Using Machine Learning Algorithms	2023 3rd International Conference on Smart Generation Computing, Communication and Networking (SMART	IEEE	10.1109/SMARTGENCON60755.2023.10442775.	http://doi.org/10.1109/SMARTGENCON60755.2023.10442775
9	Divakarla, U., Chandrasekaran, K	A Stacked Model Approach for Machine Learning-Based Traffic Prediction	Das, S., Saha, S., Coello Coello, C.A., Bansal, J.C. (eds) Advances in Data-Driven Computing and Intelligent Systems. ADCIS 2023. Lecture Notes in Networks and Systems, vol 891	Springer	10.1007/978-981-99-9524-0_21	http://doi.org/10.1007/978-981-99-9524-0_21
10	Manjula Gururaj Rao; Cinchana Salonkar; Daksha A Rai; Disha D Poojari; J Nithya	Bilingual Translation Using a Novel Framework	2023 International Conference on Recent Advances in Science and Engineering Technology (ICRASET)	IEEE	10.1109/ICRASET59632.2023.10419913	http://doi.org/10.1109/ICRASET59632.2023.10419913
11	Manjula Gururaj Rao; Usha Divakarala; K Hemant Kumar Reddy; Priyanka H; Ch Sree Kumar	A Multimodal Approach Utilizing the IOMT to Address both the Pandemic and its Aftermath	2023 International Conference on Recent Advances in Science and Engineering Technology (ICRASET)	IEEE	10.1109/ICRASET59632.2023.10419924	http://doi.org/10.1109/ICRASET59632.2023.10419924
12	Manjula Gururaj Rao; H Priyanka; P Karthik; Kishan R Kotian; Dhanush P Hegde; M Ankith	Blending Tradition with Technology: Saving TULUNAD Art through Machine Learning	2023 International Conference on Integrated Intelligence and Communication Systems (ICIICS)	IEEE	10.1109/ICIICS59993.2023.10421468	http://doi.org/10.1109/ICIICS59993.2023.10421468
13	Santhosh S; Ashwin Shenoy M; Vaikunta Pai T; Akhilraj V Gadagkar; Krishna Kaushik P	Enhancing Brain Tumor Detection through CNN-Based Analysis of MRI Scans	2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	IEEE	10.1109/ICECA58529.2023.10395347	http://doi.org/10.1109/ICECA58529.2023.10395347

14	Santhosh S; Sandeep Kumar S; Ashwin Shenoy M; Anoop B K	Elevating News Summarization: Long Short-Term Memory Empowerment for Enriched Content Synthesis in Machine Learning	2023 2nd International Conference on Futuristic Technologies (INCOFT)	IEEE	10.1109/INCOFT60753.2023.10425546	http://doi.org/10.1109/INCOFT60753.2023.10425546
15	N. Bhavatarini, S. Santhosh,& Deepa Kumari	An Approach to Conserve Wildlife Habitat by Predicting Forest Fire Using Machine Learning Technique	International Conference on DATA ANALYTICS & LEARNING, ICDAL 2022: Data Analytics and Learning	Springer	10.1007/978-981-99-6346-1_5	http://doi.org/10.1007/978-981-99-6346-1_5
16	Chinmai Shetty;Nipun R Salian;Sarojadevi H;Sadhana B;Sanjoy Kumar Debnath;Ramya Srikanteswara	Exploring Agartha: A Subterranean Odyssey	https://ieeexplore.ieee.org/xpl/conhome/10419871/proceeding	IEEE	10.1109/ICRASET59632.2023.10420246	http://doi.org/10.1109/ICRASET59632.2023.10420246
17	Preethi Salian K; Shrisha H.S.; Supriya Salian; Karthik K	MPInet: Medicinal Plants Identification using Deep Learning	2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	IEEE	10.1109/ICECA58529.2023.10395327	http://doi.org/10.1109/ICECA58529.2023.10395327
18	Preethi Salian K; Sanjeev Kulkarni	Group Activity Recognition in Visual Data Using Deep Learning Framework	2023 2nd International Conference on Futuristic Technologies (INCOFT)	IEEE	10.1109/INCOFT60753.2023.10425408	http://doi.org/10.1109/INCOFT60753.2023.10425408
19	Preethi Salian K; Sanjeev Kulkarni	Exploring Approaches and Techniques for Human Activity Recognition in Video: A Comprehensive Overview	2023 International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIIE)	IEEE	10.1109/AIKIIE60097.2023.10390470	http://doi.org/10.1109/AIKIIE60097.2023.10390470
20	Sandeep Kumar S, Vaikunta Pai T, Ashwin Shenoy M, Santhosh S, Rakesh V S, Prashanth B S	Optimizing Agricultural Productivity: A Data-Driven Ensemble Model for Crop Recommendation Based on Site-Specific Characteristics and Weather Conditions in India	2024 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)	IEEE	10.1109/IITCEE59897.2024.10467680	http://doi.org/10.1109/IITCEE59897.2024.10467680

21	Santhosh T;Manasa G R;Hemashree H C;Anusha Anchan;Tanzila Nargis;Joylin Priya Pinto	Revolutionizing Public Transportation: Aadhaar Enabled Smart Ticketing for Seamless Travel Experiences	2023 2nd International Conference on Futuristic Technologies (INCOFT)	IEEE	10.1109/INCOFT60753.2023.10425718	http://doi.org/10.1109/INCOFT60753.2023.10425718
22	Soumya Ashwath; Chidananda T; Ashwin Shenoy M; Santhosh S;	Enhancing Road Safety through Innovative Traffic Sign Detection and Recognition with YOLOv5	2024 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)	IEEE	10.1109/IITCEE59897.2024.10467719	http://doi.org/10.1109/IITCEE59897.2024.10467719
23	Deepa, Jyothi, K.	An Efficient Global Matching Technique for Stereo Matching	2023 Advances in Data-Driven Computing and Intelligent Systems. ADCIS 2023.	Springer	10.1007/978-981-99-9531-8_10	http://doi.org/10.1007/978-981-99-9531-8_10
24	Manjula Gururaj Rao; Rashmitha S K; Sanjana R H; Shrigowri Prabhu; Shaun Noronha; Shaun Paul	Innovative Solutions: LBPH Technology Driving the Future of Intelligent Security Systems	2024 IEEE International Conference for Women in Innovation, Technology & Entrepreneurship (ICWITE)	IEEE	10.1109/ICWITE59797.2024.10503076	http://doi.org/10.1109/ICWITE59797.2024.10503076
25	Usha Divakarla, K chandrasekaran	Implementing Service-Oriented Game-Theoretic Security Scheme for IoV Networks in Self-driving Cars	In: Gunjan, V.K., Zurada, J.M. (eds) Proceedings of 4th International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications. ICMISC 2023. Lecture Notes in Networks and Systems, vol 873. Springer, Singapore.	Springer	10.1007/978-981-99-9442-7_37	http://doi.org/10.1007/978-981-99-9442-7_37
26	Usha Divakarla, Manjula Gururaj rao, K Hemanth Reddy	Smart Strategies for Energy-Aware Rouge Node Detection in Mobile Ad-hoc Networks	2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT), Bengaluru, India, 2024,	IEEE	doi: 10.1109/ICDCOT61034.2024.10515533	http://doi.org/10.1109/ICDCOT61034.2024.10515533
27	Vaikunta Pai, T., Sandeep Kumar S, Nethravathi P S.	Revolutionizing Compilation: Lexical Analysis Approaches for Parallel Multi-Core Processing	2024 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal, 2024	IEEE	10.1109/ICICT60155.2024.10544729	http://doi.org/10.1109/ICICT60155.2024.10544729

28	Abhishek S Rao, BH Karthik Pai, Sudeeksha Nayak, Reethika Hebbar, Udyavara Vasundhara Shenoy, R	Semantic Segmentation of Satellite Images for Accurate Forest and Crop Delineation Using Deep Learning Technique	2024 Second International Conference on Data Science and Information System (ICDSIS)	IEEE	10.1109/ICDSIS61070.2024.10594598	http://doi.org/10.1109/ICDSIS61070.2024.10594598
29	Priyanka, H., Manjula Gururaj Rao, and M. S. Apoorva.	"Detecting Anomalies in the Virtual Machine Using Machine Learning Techniques."	International Conference on Information and Management Engineering. Singapore: Springer Nature Singapore, 2022.	Springer	10.1007/978-981-99-2742-5_13	http://doi.org/10.1007/978-981-99-2742-5_13
30	Tanzila Nargis, Shreyas Vivek, Ashwitha C Thomas and Sharada. U. Shenoy	Decentralized Record Encryption Authentication and Management System (DREAMS) for Healthcare	International Conference on Network, Multimedia and Information Technology (NMITCON)	IEEE	10.1109/NMITCON58196.2023.10275974	http://doi.org/10.1109/NMITCON58196.2023.10275974
31	Preethi Salian K;Prathyakshini;Prathwini; Jayashree; Supriya Salian	Identification of Automated Music Genre by Exploring Machine Learning Approaches	International Conference on Network, Multimedia and Information Technology (NMITCON)	IEEE	10.1109/NMITCON58196.2023.10276157	http://doi.org/10.1109/NMITCON58196.2023.10276157
32	M. G. Rao, K. H. Kumar Reddy, C. Kumar, P. H and S. Pawar	Hybrid Intelligent Fusion-Based Perspectives for WSN-IOT	International Conference on Network, Multimedia and Information Technology (NMITCON)	IEEE	10.1109/NMITCON58196.2023.10276066.	http://doi.org/10.1109/NMITCON58196.2023.10276066
33	Ashwini B, Venugopala P.S.	Quality analysis of distributed max-plus algebra based morphological wavelet transform	2nd International Conference on Artificial Intelligence, Computational Electronics and Communication System (AICECS 2023)		10.1088/1742-6596/2571/1/012024	http://doi.org/10.1088/1742-6596/2571/1/012024
34	Manjula Gururaj Rao; K Hemant Kumar Reddy; Sumathi Pawar; Karthik P; Kishan R Kotian; Dhanush P Hegde	Employing Machine Learning in A Multimodal Approach for Brain Stroke Modelling and Identification	2023 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)	IEEE	10.1109/DISCOVER58830.2023.10316661	http://doi.org/10.1109/DISCOVER58830.2023.10316661
35	Devidas; Vasudeva Pai	Pneumonia and Bone Fracture Detection Using CNN	2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)	IEEE	10.1109/CSITSS60515.2023.10334110	http://doi.org/10.1109/CSITSS60515.2023.10334110

36	P. Nazareth, S. M S, J. Elroy Martis and P. H. N	"Automated Exposure of Colorimetric Fluctuations in Aspergillus Flavus to Permit Feasible Extraction of Antibiotics,"	2023 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER), Mangalore, India,	IEEE	10.1109/DISCOVER58830.2023.10316717.	http://doi.org/10.1109/DISCOVER58830.2023.10316717
37	B Sunil Kamath, Chaithanya Kumar D N, Ashwin M Pai,Alden Morris Masscarenhas, Chemnad Abdul Nassir Shazin	English to Knokani Translator using Hindi as a Pivot Language	Intrnational Conference on Recent Advances in Information Technology for Sustainable Developement(ICRAIS) 2023	IEEE	10.1109/ICRAIS59684.2023.10367083	http://doi.org/10.1109/ICRAIS59684.2023.10367083
38	Manjula Gururaj Rao; Priyanka H; Vatsala G.A; K Hemant Kumar Reddy	Hybrid Technology for Multilevel Feature Extraction in CBMIR	2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)	IEEE	10.1109/CSITSS60515.2023.10334233	http://doi.org/10.1109/CSITSS60515.2023.10334233
39	Chinmai Shetty,Sanjoy Kumar Debnath;Adithya;Malden Joel Falleiro;Sarojadevi H;Ramya Srikanteswara	Advancing Music Genre Identification through Deep Learning Techniques	2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	IEEE	10.1109/ICSSAS57918.2023.10331872	http://doi.org/10.1109/ICSSAS57918.2023.10331872
40	Abhishek S. Rao, Karthik Pai B H, Sathvik R Rao, Samarth Pratap M, Anjani Prabhu K, Rakshitha K	Automated Detection of Anomalous Events in Surveillance Video Scenes Using Deep Learning Techniques	2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)	IEEE	10.1109/CSITSS60515.2023.10334204	http://doi.org/10.1109/CSITSS60515.2023.10334204
41	Prathyakshini, Jyothi Shetty	Spam Sentinel: Revolutionizing Email Protection Using Machine Learning Techniques	2023 International Conference on Recent Advances in Information Technology for Sustainable Development (ICRAIS)	IEEE	10.1109/ICRAIS59684.2023.10367189	http://doi.org/10.1109/ICRAIS59684.2023.10367189
42	Vaikunta Pai T, Ashwin Shenoy M	Concurrent Scanning through Adaptive Task Distribution for Simultaneous Lexing on Multi-Core Platforms	2023 2nd IEEE International Conference on Automation, Computing and Renewable Systems (ICACRS)	IEEE	10.1109/ICACRS58579.2023	http://doi.org/10.1109/ICACRS58579.2023

43	Srikanth Bhat K, K Annapoorna Shenoy, Moulya R Jain, Manasvi K	Detecting Crops and Weeds in Fields Using YOLOv6 and Faster R-CNN Object Detection Models	2023 International Conference on Recent Advances in Information Technology for Sustainable Development (ICRAIS)	IEEE	10.1109/ICRAIS59684.2023.10367086	http://doi.org/10.1109/ICRAIS59684.2023.10367086