



# INSTITUTE OF AERONAUTICAL ENGINEERING (AUTONOMOUS)

Dundigal, Hyderabad - 500 043

ANNEXURE-37

## Students Publication 2025

S.No	Authors	Title	Year	Source Title	DOI	Source
1	Divya, M.; Reddy, R.; Alekhya, J.; Sreevani, N.; Chennupalli, C.; Santhosh Kumar, B.	Quality Evaluation of Bananas Using GoogLeNet	2025	Springer Proceedings in Mathematics and Statistics	10.1007/978-3-031-84517-8_5	Scopus
2	Srija, C.; Padmaja, B.; Smrithi, Y.; Karthikeya, M.	ViT-GPT2: Vision Transformer Based Automatic Image Captioning	2025	Communications in Computer and Information Science	10.1007/978-3-031-84602-1_2	Scopus
3	Rathan Babu, R.B.; Syed, S.A.; Saadullah, S.; Iqbal, B.N.; Sai Nihal, K.; Yagna Deepika, C.H.; Shaik, M.A.	Numerical Analysis of the Effect of Aerodynamic Forces on the Compound Delta Wing in Supersonic Regimes	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-4718-7_32	Scopus
4	Sree, G.R.; Krishna, C.S.; Dilleshwar, P.; Sunil, B.D.Y.	Numerical Investigation of Performance Characteristics of TI-6AL-4V and IN - 738 Gas Turbine Blade	2025	Springer Proceedings in Physics	10.1007/978-981-96-5863-3_42	Scopus
5	Bhavana, B.; Krishna, C.S.; Sunil, B.D.Y.	Analysis of Unmanned Aquatic Aerial Vehicle	2025	Springer Proceedings in Physics	10.1007/978-981-96-5863-3_47	Scopus
6	Surakanti, S.; Goundar, S.; Dwight, J.	Countering anti-forensic tactics in cybercrime investigations â€¦ systematic literature review	2025	International Journal of Information Security	10.1007/s10207-025-01131-y	Scopus
7	Pande, S.D.; Govardhan, D.	Design and Fabrication of All Terrain Unmanned Aerial Vehicle (ATUAV)	2025	AIP Conference Proceedings	10.1063/5.0266424	Scopus
8	Prudhvi, S.B.V.; Govardhan, D.; Raju, Y.B.	Flow and FEA Analysis of All-Terrain Unmanned Aerial Vehicle (UAV)	2025	AIP Conference Proceedings	10.1063/5.0266609	Scopus
9	Sudamsetti, S.; Thalla, S.N.; Banda, S.K.; Chauhan, L.K.	Optimization of process parameters for 3D-printed objects using ABS and PLA materials to improve surface finish	2025	AIP Conference Proceedings	10.1063/5.0296645	Scopus

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10	Sivaji, U.; Sreeja, A.; Srihitha, K.; Vinay, G.	Credit Card Fraud Detection Using Machine Learning	2025	Security Intelligence in the Age of AI: Navigating Legal and Ethical Frameworks	10.1108/978-1-83608-156-220251017	Scopus
11	Maryala, S.; Kommula, V.; Kumarapu, S.; Karthik, A.	Micro-expression Analysis for Security and Law Enforcement using Deep Learning	2025	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025	10.1109/ESCI63694.2025.10988116	Scopus
12	Mudarakola, L.P.; Varshitha, V.; Goud, A.P.; Bindu, R.; Chennupalli, C.; Rao, S.J.	AI-Driven Solutions with CNN and IoT for Enhancing Visual Impairments	2025	ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings	10.1109/ESIC64052.2025.10962599	Scopus
13	Ganesh, V.P.V.D.; Kumar, O.S.L.; Jithendra, P.; Satheeshkumar, S.S.	CNN LIPNET : Automated Lip Reading Using Deep Convolutional Neural Networks	2025	2025 5th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2025	10.1109/ICAECT63952.2025.10958857	Scopus
14	Shivani, A.; Hrushikesh, D.; Chandra, G.J.; Lahari, T.	Emotion Analysis in Texts Using Decoder Only Transformer Model	2025	2025 5th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2025	10.1109/ICAECT63952.2025.10958879	Scopus
15	Harsh, P.M.; Vardhan, V.T.; Vardhan, V.V.; Naidu, J.M.; Reddy, V.	Super Resolution Image Denoiser Network: Toward Real-world Image Noise Removal	2025	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025	10.1109/ICDCECE65353.2025.11035937	Scopus
16	Surekha, B.S.; Chowdary, D.M.; Srinivas, R.; Rahmani, M.O.	Classification of Environmental and Urban Sounds Using Deep Learning Techniques	2025	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025	10.1109/ICDCECE65353.2025.11036020	Scopus
17	Agarwal, K.; Chennupalli, C.; Kolluru, R.; Vaibhav, H.	Predictive Modeling of Air Quality: Performance Comparison of Supervised Machine Learning, Deep Learning, and Extreme Learning Machines	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025	10.1109/ICICCS65191.2025.10984959	Scopus
18	Singh, T.; Harika, A.; Devi, B.S.C.; Varsha, R.S.	Decentralized Identity Verification System for Financial Service (KYC Platforms)	2025	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025	10.1109/ICIMIA67127.2025.11200178	Scopus

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19	Vinod, R.G.; Kumar, M.A.; Chowdary, C.V.; Suvarchala, K.	Classification of Pancreatic Cancer using Kolmogorov-Arnold Networks: An Upgrade on Traditional Machine Learning for Medical Classification	2025	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings	10.1109/ICMCSI64620.2025.10883622	Scopus
20	Meghana, A.; Nagaraju, M.; Nikhitha, M.; Nikhitha, P.	Transfer Learning Based Detection Model for COVID-19 Using Computed Tomography Scanned Images	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025	10.1109/ICMSCI62561.2025.10893954	Scopus
21	Sreeja, G.V.; Nagaraju, M.; Theja, C.P.S.; Agarwal, V.	Performance Optimization of U-Net Network in Segmentation of Nerves Image Dataset	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025	10.1109/ICMSCI62561.2025.10894624	Scopus
22	Surapally, S.; Jeevakala, S.R.; Aluri, S.P.	Hybrid CNN and RNN Variant Model for Indian Music Genre Classification	2025	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2025	10.1109/ICSSSES64899.2025.11009650	Scopus
23	Gandra, Y.R.; Jeevakala, S.R.; Sunkara, Y.	Integrated Stock Forecasting Harnessing Technical Indicators Sentiment Analysis Including Inflationary Patterns	2025	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2025	10.1109/ICSSSES64899.2025.11009758	Scopus
24	Ramakrishna, J.S.; Srija, K.; Srujana, M.; Srinath, Y.	EEG Based Epileptic Seizure Detection Using Binary Dragonfly Algorithm and Deep Neural Networks	2025	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2025	10.1109/ICSSSES64899.2025.11009854	Scopus
25	Joyce, V.; Saipriya, A.; Karthik, A.; Prasad, M.L.	IoT-Enabled Smart Shoes for Visually Impaired Navigation and Safety	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988402	Scopus
26	Neha, D.; Ameesha, M.; Dheeraj, M.; Sangeeta, K.	Optimizing Telecom Operations with Segmentation and Churn Prediction	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025	10.1109/IDCIOT64235.2025.10914754	Scopus
27	Nagaraju, M.; Jahnavi, G.; Sri Vaishnavi, V.; Vaishnavi, M.	TLNet: A Novel Model to Detect Wheat Leaf Diseases using Deep Neural Network Architecture	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025	10.1109/IDCIOT64235.2025.10915128	Scopus

S.No	Authors	Title	Year	Source Title	DOI	Source
28	Reddy, G.S.; Noorullah, R.M.; Suthar, P.; Begam, R.; Depuru, S.R.	Vision Meets Voice: Sign Language Recognition, Analysis, and Decision-Making Solutions Using Artificial Intelligence	2025	INDISCON 2025 - IEEE 6th India Council International Subsections Conference, Proceedings	10.1109/INDISCON66021.2025.11252103	Scopus
29	Meghamala, Y.; Sai, T.A.; Farhatunnisa, S.; Pichiguntla, S.	Improving Iot Efficiency By Noma: Delay Minimization In Massive Networks	2025	2025 IEEE International Conference on Emerging Technologies and Applications, MPsec ICETA 2025	10.1109/MPsecICETA64837.2025.11118756	Scopus
30	Thanusree, U.; Gatla, G.; Abhishek, B.J.; Kiran, D.S.	Evaluation of Classification Techniques for News Data	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025	10.1109/SCEECS64059.2025.10940289	Scopus
31	Supraja, A.; Harshith, P.D.; Devi Sreekar Reddy, B.; Mohan, J.	Saline Level Monitoring System	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025	10.1109/SCEECS64059.2025.10940398	Scopus
32	Reddy, C.R.; Madhavi Devi, B.M.; Reddy, K.P.; Medarametla, L.	Enhancing Mental Wellbeing Among College Students Using Autogen	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025	10.1109/SCEECS64059.2025.10940967	Scopus
33	Reddy, G.; Shreya, R.; Sekhar, G.C.	Unveiling life's horizon: Predictive insights with automated machine learning	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-10	Scopus
34	Reddy, M.P.; Goutham, E.; Nithin, T.; Angel, G.	ConvXception: Covid-19 detection using ConvXception model	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-12	Scopus
35	Ratnaparkhe, M.; Sivaji, U.; Turreraa, S.; Yashwanth, S.	Multiple object tracking using deep learning and machine learning techniques	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-17	Scopus
36	Padmaja, B.; Krishna Rao Patro, E.K.R.; Reddy, G.S.; Anjushree, T.	Brain-inspired cognitive architectures for artificial intelligence: Unlocking the potential of human-like intelligence	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-19	Scopus
37	Prasad, K.R.; Reddy, G.; Naveena, K.; Deekshitha, V.; Lohitha, P.	Opportunities of intelligent machine learning techniques for sustainable development	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-2	Scopus
38	Padmaja, B.; Krishna Rao Patro, E.K.R.; Petla, S.S.M.; Vemulapalli, T.	Harnessing deep learning algorithms for enhanced stock price predictability	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-20	Scopus

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39	Reddy, G.; Rufus, D.C.B.; Reddy, C.M.; Sekhar, G.C.	Unlocking sign language interpretation: Leveraging transfer learning in deep learning models	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-6	Scopus
40	Alamuru, A.K.; Krishna, N.J.; Manideep, M.; Reddy, Y.M.; Reddy, G.	AI engineering for the best sustainable practices towards social applications	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-7	Scopus
41	Prasad, K.R.; Reddy, G.; Kumar, M.P.; Adithya, G.	AI strategies for the realm of sustainable management and practices	2025	Artificial Intelligence Technologies for Engineering Applications	10.1201/9781003565529-9	Scopus
42	Madhuri, P.; Supriya, K.; Ganesh, K.S.; Lakshmi Prasanna, B.	Segmentation of Skin Lesion Using Double U-Net Framework for Enhanced Feature Extraction;	2025	Journal of Nano- and Electronic Physics	10.21272/jnep.17(5).05034	Scopus
43	Madhusudhan Reddy, R.M.; Bhavani, G.; Avinash, G.M.; Sushmanth, J.; Sri, R.N.; Samarthi, S.	Integrative GIS-AHP Techniques for Flood Susceptibility Analysis in Nashik, Maharashtra	2025	Disaster Advances	10.25303/182da024037	Scopus
44		Autonomous Monitoring of Mental Health on Digital Media Platforms Using Multimodal AI	2025			Scopus
45		Efficient Personality Prediction using Multi-Output Regression with ALBERT and RoBERTa Models on Social Media Data	2025			Scopus
46		Automatic Detection of Bone Fracture Using Deep Neural Models	2025			Scopus
47	Lakshitha T.; Sulthana A.; Adithya S.L.; Karthik A.	Analyzing Public Sentiment in Social Media Using Hybrid NLP Frameworks	2025	2025 5th Asian Conference on Innovation in Technology, ASIANCON 2025	10.1109/ASIANCON66527.2025.11281216	Scopus



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56	Reddy K.S.N.P.; Srikanth D.; Reddy P.S.; Devi B.R.	Predicting Stock Market Trends using Machine Learning Techniques	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
57	Yamini H.; Vishnu B.; Reddy M.D.; Reddy M.P.	Innovative Framework for Early Alzheimer's Detection using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
58	Pravalika B.; Madhu G.; Prashanth A.; Adithya T.	Coronary Heart Disease Prediction using Machine Learning Algorithms	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
59	Vamshikrishna G.; Subhash P.; Bigeswar K.; Murthy P.L.S.	Book Recommendation System: Hybrid Approach	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
60	Vignesh N.S.; GopalaKrishna G.V.S.; Reddy C.S.K.	Image Caption Generator with Speech Integration using Machine Learning Techniques	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
61	Sharan Reddy G.; Sailikithi V.; Raghava Rao N.	Enhanced Real-Time Sign Language Recognition using CNN	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
62	Varunya D.; Chowhan L.T.; Reddy M.P.	Visiolock: Facial Recognition Door Security	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
63	Venkata Ramana Devi K.; Pavithra Ch.; Rishitha Sahithi G.; Abhinav Joshua R.	IOT-based Crop Monitoring with Ensemble Classification	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
64	Mallikarjuna B.; Mukesh S.; VinayakSiddhu B.; Lekhaj G.	Music-Emotion Recognition using Deep Neural Networks (DNN)	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus

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65	Gunda S.G.; Prasanna D.K.; Madamanchi K.V.; Gundu S.	Blockchain-based Anti-Counterfeiting System for E-Commerce	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
66	Laxminarayanamma K.; Ashritha M.; Abhiram V.; Chandu K.	Enhancing Agricultural Sustainability through Smart Irrigation Systems based on Weather Forecasting	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
67	Chandra Madhav Y.R.; Umar M.; Kiran O.S.; Babu P.A.	Personality Detection Using Xlm-Roberta and Whisper	2025	2025 IEEE Pune Section International Conference, PuneCon 2025	10.1109/PuneCon67554.2025.11379051	Scopus
68	Venkata Sireesha N.; Neha Reddy G.; Harika B.; Kumar K.P.R.	Human Action Recognition in Videos using TensorFlow based on Features	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
69	Priya C.A.; Abhinaya M.J.; Akash P.; Vinesh G.	Attendance Management System with Anti-Spoofing Detection using CNN	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
70	Sindhu G.; Sravanthi B.; Nithish Y.; Devi B.R.	Implicit Sensors to Detect Real-Time Emotional State using Mobile Devices	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
71	Harshitha B.S.; Soumya G.; Varma K.S.N.; Laxminarayanamma K.	Retail Analytics for Big Mart Sales using Machine Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
72	Reddy T.C.; Dhanya K.; Eshwar R.; Chandra H.V.	Enhancing Network Security using Secure Hashed Identity Message Authentication	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
73	Varasree B.; Pranavi Reddy B.; Boomika B.; Deepu Kumar S.	Speculating Product Availability to Optimize Logistics using Machine Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus

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74	Sri C.P.; Nainika D.; Deepthi J.; Devi K.V.R.	Dog Skin Problem Detection using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
75	Kumar B.V.; Sireesha N.V.; Akhilesh K.; Deepak S.	Smart Parking Space Detection using MASK-RCNN and OpenCV	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
76	Kumar K.S.; Sai S.S.; Kiran N.S.; Reddy M.P.P.	Benchmarking CNN Models for Multimodal Emotion Recognition: Real-Time Deployment with VGG19	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
77	Keerthi S.S.; Akanksha K.; Jayasree K.; Reddy M.A.	Prediction and Classification of Liver Diseases using Machine Learning Algorithms	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
78	Harisha K.; Kiran B.U.; Reddy K.A.; Anjymoon S.	Implementation of CNN-based Sign Recognition System	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
79	Reddy M.P.; Koushik A.; Ganesh K.; Reddy B.P.	Cyber Threat Simulation Framework for Organizational Security Analysis	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
80	Sivaji U.; Sai B.D.; Manohar E.; Hussain M.D.S.	Wireless Communication Strategies to Achieve Secrecy and Covertness with Machine Learning Optimization	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
81	Varshitha N.; Richitha D.; Thanuj M.; Burri R.D.	Smart Card Fraud Detection using Ensemble Methods in Machine Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
82	Laxminarayanamma K.; Chakradhar B.; Govardhan R.; Bhagya Chandra Raj V.	Improved ML Model and XAI Methods for Medical Insurance Premium	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus

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83	Srinidhi N.; Vaishnavi A.; Reddy G.R.; Reddy M.P.P.	Enhanced Deep Learning Model for Dermoscopic Image Analysis	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
84	Likhitha G.; Anjimon S.; Saiteja G.; Praharshini M.	Fake News Detection using Machine Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
85	Khatoun M.D.J.; Reddy G.N.; Kumar S.; Reddy M.P.	A Hybrid Modelling Approach for Detecting Money Laundering in Banking Sectors	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
86	Priya K.Y.; Preetham D.V.; Rishitha Y.; Pravallika B.	Pneumonia Detection using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
87	Ketavarapu S.; Sai V.; Reddy T.T.; Rao N.R.	Dermatological Image Classification for Skin Lesion Detection using Deep Learning Techniques	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
88	Gone V.; ManiKumar K.; Omkar P.; Chaitanya P.	Intelligent Attendance System using Machine Learning for Face Recognition	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
89	Gunadham N.S.; Vivek R.; Kumar H.S.; Reddy M.P.P.	Breast Cancer Diagnosis using TabNet: A Deep Learning Approach	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
90	Nikitha T.; Prasuna K.; Sumanthi T.; Anjimon S.	Designing Cloud Computing for Electronic Learning Platform	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
91	Madhumitha P.; Choudhary A.B.; Anirudh C.; Murthy P.L.S.	Filmfit: Genre Centric Movie Advisor using Hybrid Filtering	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus

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92	Varasree B.; Reddy P.A.; Nagaraju M.; Pratap B.P.	Advanced Machine Learning Models for Prediction of Chronic Kidney Disease	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
93	Shivani A.; Srinath M.S.; Nandini	Integrating Machine Learning and Deep Learning Techniques for Advanced Diabetes Detection	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
94	Aland B.; Chandana T.; Bachanna P.; Pradeep M.B.	AlzMind: Integrating MRI and EEG for AI-Powered Alzheimer's Prediction	2025	2025 IEEE 7th International Conference on Computing, Communication and Automation, ICCCA 2025		Scopus
95	Karthik A.; Naresh B.; Pavan A.; Nithish D.	A Smart Mobile-based Application for an Enhanced Health Management System	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
96	Sreekanth S.; Raj K.V.V.S.; Varma B.S.S.; Likhitha D.	Hand Gesture Recognition in Indian Sign Language using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
97	Anjaneyam D.S.; Yashaswini T.; Saiteja D.; Reddy M.P.P.	Real-Time Skin Cancer Detection: MobileNet-based Analysis for Accurate Classification	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
98	Shivamani Y.; Shankerteja B.; Nithin B.; Reddy M.P.P.	A Hybrid On-Chain and Off-Chain Architecture for a Scalable Coalition Loyalty Program on the Polygon Network	2025	2025 IEEE 4th International Conference for Advancement in Technology, ICONAT 2025		Scopus
99	Srinivas V.P.S.; Maanaj T.P.; Reddy K.S.; Prasanna B.L.	MAGRes-UNET Multi Attention Gated Residual for Medical Image Segmentation	2025	2025 5th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2025		Scopus
100	Harsha K.S.; Vamshi R.; Kumar T.V.; Rao R.S.	Multimodal Emotion Classification using Gated Recurrent Unit and EEG Brainwave Data	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus

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101	Naseer S.; Kumar G.S.; Chand B.S.; Reddy M.P.	Machine Learning and IoT based Real-Time Environment Monitoring for Smart Plant Care	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
102	Phaneesha T.V.; Gowtham V.; Ashwitha D.; Reddy C.H.S.K.	Unveiling the Unreal: Deepfake Face Detection using LSTM	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
103	Srujan U.; Prakash G.U.; Krishna M.S.; Reddy M.P.P.	Leveraging Transfer Learning for Enhanced Melanoma Detection	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
104	Anjali L.; Saketh J.; Reddy S.M.; Chaitanya A.K.	Safeguarding Clouds with HoneyPot Networks: Intrusion Detection and Prevention	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
105	Rakshitha V.; Reddy R.S.; Reddy A.T.; Keerthi S.S.	Anticipating Customer Churn Prediction using Machine Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
106	Sindhuja K.; Kumar G.V.; Reddy K.S.K.; Sivaji U.	Intrusion Detection in IoT Networks: Real-Time Monitoring using Machine Learning Models	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
107	Sivaji U.; Krishna K.J.; Raj V.A.; Rakshitha M.	High-Resolution Face Editing using Pre-Trained GAN and Automated Evaluation Framework for Quality Assessment	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
108	Pujitha K.; Santhosh P.S.; Ganesh P.D.; Aishwarya B.K.	Revolutionizing Fruit and Leaf Disease Detection with Hybrid Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
109	Shreeya S.; Kumar K.B.; Krishna C.V.	CodeGuide: An Artificial Intelligence Powered vs Code Extension for Automated Python Code Generation, Error Detection and Code Correction	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025		Scopus

S.No	Authors	Title	Year	Source Title	DOI	Source
110	Durga C.S.L.V.; Kushi T.; Gracy B.; Maajid M.D.A.	An Ensemble Method to Find Mental Health Conditions using Multimodal Physiological Signals	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
111	Reddy P.S.; Kumar P.S.; Rao N.R.	RES U-Net (R2 U-NET) based Melanoma Segmentation: Towards Efficient and Accurate Skin Lesion Analysis	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
112	Vinay N.; Rakhi G.; Mahaboob S.; Rao R.S.	Fraud Detection in Banking Data by Machine Learning Techniques	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
113	Harshitha G.S.; Raghava P.S.; Kumar K.S.; Reddy ChS.K.	Distributed and Peer to Peer Voting System using Blockchain	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
114	Mallikarjuna B.; Manasa A.; Mrunalini R.; Reddy V.	Electronic Health Record (EHR) Creation using Blockchain Technology	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
115	Dudimetla S.; Uplanchiwar V.; Vanneldas G.	Greenhouse Management System: An IoT Approach	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
116	Sonal D.; Golla S.; Vardhan A.V.; Anitha G.	Fake Profile Detection Using Artificial Neural Network	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025		Scopus



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**Students Publication 2024**

S.No	Authors	Title	Year	Source Title	DOI	Source
1	Bhavana K.S.; Abhinandu B.; Sriyesh P.S.; Rama K.; Satheesh Kumar S.	Enhanced Machine Learning Approach for Detecting Spammers in Industrial Mobile Cloud Computing Environment	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823355	Scopus
2	Burri R.D.; Kusampudi L.A.; Sharfuddin S.M.; Sai N.V.S.	Enhancing Road Safety with Real-time Driver Drowsiness Detection Using Machine Learning	2024	Proceedings of InC4 2024 - 2024 IEEE International Conference on Contemporary Computing and Communications	10.1109/InC460750.2024.10649147	Scopus
3	Jephthah M.S.; Bodavula A.; Balguri P.K.	Synergistic Effect of Bamboo-coir Fibers and Titanium Dioxide Nanoparticles on the Mechanical Properties of Composite Materials	2024	AIP Conference Proceedings	10.1063/5.0193878	Scopus
4	Khan M.A.A.; Anitha D.; Balguri P.K.	Wear Behavior of Glass Fiber Reinforced Composite with Nanoparticles of Al <sub>2</sub> O <sub>3</sub> through Artificial Neural Network	2024	AIP Conference Proceedings	10.1063/5.0193879	Scopus
5	Thanusha D.; Balguri P.K.	Optimizing Wear and Mechanical Characteristics of Jute Fiber Composites Reinforced with Silicon Carbide and Prediction using Neural Network Technique	2024	AIP Conference Proceedings	10.1063/5.0196585	Scopus
6	Pittala P.V.S.S.R.; Lambu P.; Bollepalli R.; Vadiyala P.R.	Drag Reduction of Ahmed Body using Surface Dimples: A Computational Approach	2024	AIP Conference Proceedings	10.1063/5.0193085	Scopus
7	Athota R.B.; Korani S.P.; Nimmala S.H.; Bet P.K.; Merugu S.	CFD of HVAC System to Simulate the Vertical Farm Facility Using OpenFOAM	2024	Smart Innovation, Systems and Technologies	10.1007/978-981-99-6774-2_8	Scopus

8	Rathan Babu A.; Gudikandula S.; Sai Puravardhan K.; Hevanth Nimmala S.; Bet P.; Merugu S.	Analysis of Supercritical Hydrocarbon Fuel as a Coolant for Improved Thermal Performance of Scramjet	2024	Advances in Science, Technology and Innovation	10.1007/978-3-031-50024-4_19	Scopus
9	Bet P.; Saipuravardhan K.; Gudikandula S.	Harnessing Porous Gurney Flaps to Optimize Airfoil Performance in Ground Effect Conditions	2024	IEEE Aerospace Conference Proceedings	10.1109/AERO58975.2024.10520950	Scopus
10	Harika J.; Hussain S.J.	Two-Way Truth Seeker: A Hybrid Method Using LSTM and BiLSTM to Recognize and Classify Fake News	2024	E3S Web of Conferences	10.1051/e3sconf/202459108003	Scopus
11	Jagadamba K.U.; Hussain S.J.; Srinivas Reddy T.; Om Sree Harsha P.; Nikhil G.	Millet Crop Yield Variation through Feature Extraction Using XGBoost	2024	E3S Web of Conferences	10.1051/e3sconf/202459108002	Scopus
12	Sadguru O.; Nagaraju M.; Sree B.N.N.; Kasoju N.A.	Hyperparameter Optimization for Leaf Infection Segmentation using Ensemble Techniques	2024	Proceedings of the 5th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2024	10.1109/ICDICI62993.2024.10810815	Scopus
13	Kushal B.; Goud K.A.; Kumar K.A.; Mohan U.V.	Performance Prediction of Eco-Friendly Concrete with Artificial Neural Networks (ANNs)	2024	E3S Web of Conferences	10.1051/e3sconf/202459601021	Scopus
14	Goud K.A.; Balakrishna C.; Prakash A.; Munipally S.K.	Assessing the Feasibility of Using Waste Plastic as a Partial Replacement for Fine Aggregate in Cement Tile Production: An Experimental Study	2024	Lecture Notes in Civil Engineering	10.1007/978-981-99-9458-8_16	Scopus
15	Radhavaram A.; Anand Goud K.; Prasad J.S.R.	Performance Analysis of Fixed and Seismic Base Isolation System for Multi-story Building	2024	Lecture Notes in Civil Engineering	10.1007/978-981-99-9502-8_14	Scopus
16	Reddy M.M.; Siddhardha R.; Kumar G.K.; Suresh R.	Applications of GIS in Estimating the Probable Maximum Earthquake Magnitude for Amaravati Region, Andhra Pradesh, India	2024	Lecture Notes in Civil Engineering	10.1007/978-981-99-8568-5_2	Scopus
17	Padmaja B.; Kalyani B.J.D.; Chapala V.; Solanki S.; Kaipa A.	Crowd Abnormal Behaviour Detection using Convolutional Neural Network And Bidirectional LSTM	2024	AIP Conference Proceedings	10.1063/5.0195646	Scopus

18	Thoviti S.H.; Varma B.K.; Sai S.N.; Prasanna B.L.	Generative AI Empowered Skin Cancer Diagnosis: Advancing Classification Through Deep Learning	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823133	Scopus
19	Kilaru A.; Prasad L.V.N.; Ghantasala G.S.P.; Ananthanagu U.; Kallam S.; Rajesh Sharma R.	Detection of False Information in Digital Media Using Blockchain Technology	2024	3rd Odisha International Conference on Electrical Power Engineering, Communication and Computing Technology, ODICON 2024	10.1109/ODICON62106.2024.10797533	Scopus
20	Srividya C.; Madhubala M.; Pallemapati S.; Munigonda P.; Satish J.	Customer Loan Approval by Using Random Forest Algorithm	2024	Lecture Notes in Networks and Systems	10.1007/978-981-97-4892-1_26	Scopus
21	Geetha Yadav M.; Nennuri R.; Deepthi N.; Siri Harshitha K.; Naga Vinay A.	Analyzing Difficulties of Visual Questions Using Entropy Values of Answer Predictions	2024	Lecture Notes in Networks and Systems	10.1007/978-981-97-8666-4_40	Scopus
22	Upputuri B.; Noorullah R.; Kolluru R.	AuthentiQ Market Space: Leveraging Smart City Technologies for Authentic E-commerce System of Geographical Indication Products	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024	10.1109/ICOSEC61587.2024.10722091	Scopus
23	Pooja C.; Nagaraju M.; Reddy S.R.; Nikhila P.	CNN-based Classification of Gastrointestinal Diseases using Support Vector Machine	2024	Proceedings - 2024 5th International Conference on Image Processing and Capsule Networks, ICIPCN 2024	10.1109/ICIPCN63822.2024.00065	Scopus
24	Marepally N.; Noorullah R.M.; Chekka N.	Social Network Data Clustering, Optimal Topic Detection and Decision Making for Social Service	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	10.1109/ICOECA62351.2024.00049	Scopus
25	Kishore B.S.; Noorullah R.M.	Hoax and Posture Detection, Reply Weight Estimation in Social-Media using Cognitive Contents with Hyper Meta Network Approach	2024	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024	10.1109/ICPCSN62568.2024.00035	Scopus
26	Nagi Reddy I.P.; Noorullah R.M.; Aishwarya B.K.; Kumar C.P.	Detection and Prediction of Liver Disease Using Interpolative Ensembled Stacked (IES) Hybrid Model (Random Forest Classifier (RFC) and Logistic Regression (LR))	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	10.1109/ICOECA62351.2024.00144	Scopus

27	Praneeth C.; Noorullah R.M.; Karthik K.H.; Rupak P.J.	Visualization and Analysis of Social Network- Based Diverse Datasets Using Multi- Viewpoint Similarity Metrics	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	10.1109/ICOECA62351. 2024.00046	Scopus
28	Geetha Vadav M.; Rajasekhar N.; Reddy E.S.; Vishal M.S.; Vishal G.	The Role of Machine Learning in Crime Analysis and Prediction	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	10.1109/ICOECA62351. 2024.00157	Scopus
29	Upputuri B.; Noorullah R.M.; Reddy V.R.	Empowering Authenticity: Revolutionizing Geographical Indication (GI) Tagged Product Discovery and Purchase in India with AuthentiQ	2024	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024	10.1109/ICPCSN62568.2 024.00032	Scopus
30	Supriya C.; Jayasri Devi T.; Varsha P.; Shaheed S.	Bus Pass Application and Renewal Using Cloud Computing	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	10.1109/ICOECA62351. 2024.00038	Scopus
31	Swathi M.; Shalini N.; Aswini K.; Abhiram V.V.; Ramya B.; Yadav M.G.	Fraud Detection in Digital and Netbanking Using Machine Learning	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	10.1109/ICOECA62351. 2024.00138	Scopus
32	Ghosh N.; Reddy N.A.; Sasank V.N.S.; Suvarchala K.; Patkar S.	Preserving History with Synthetic DNA: An Innovative Data Storage Solution	2024	Proceedings of CONECCT 2024 - 10th IEEE International Conference on Electronics, Computing and Communication Technologies	10.1109/CONECCT6215 5.2024.10677101	Scopus
33	Pandey A.; Noorullah R.	A Case Study of Advancing Multilingual Dialogue: Leveraging BERT NLM and Google API Key within Proscenium Seamless SaaS Framework	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	10.1109/ICAAIC60222.2 024.10574990	Scopus
34	Prasad M.L.; Srinivasulu Ch.; Reddy B.N.; Shivani T.	Immediate Animal Recognition and Anticipation Classification for Harvest Fields Using Machine Learning Techniques	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM609 60.2024.10568615	Scopus
35	Kolluru R.; Noorullah R.	Smart Intervention: A Next-Gen IoT Device for Combatting Drug Addiction	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	10.1109/ICAAIC60222.2 024.10575151	Scopus

36	Krishna S.S.; Parisha V.; Varma B.U.K.; Srinivasulu C.	Traffic Light Detection and Recognition using YOLOv8	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	10.1109/ICAAIC60222.2024.10575768	Scopus
37	Shalini N.; Kiran A.S.; Sathwik B.; Reddy G.T.; Aswini K.; Yadav M.G.	Data-Driven House Price Prediction	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	10.1109/ICAAIC60222.2024.10575519	Scopus
38	Srinidhi K.; Harika A.; Voodarla S.S.; Abhiram J.	Sentiment Analysis of Social Media Comments using Natural Language Processing	2024	7th International Conference on Inventive Computation Technologies, ICICT 2024	10.1109/ICICT60155.2024.10544849	Scopus
39	Karthik S.L.; Botlagunta M.D.; Devarkonda Venkata M.; Botlagunta M.; Kondam A.; Chandana P.	E-Rove Smart Bus Pass Application	2024	2024 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2024	10.1109/SCEECS61402.2024.10482332	Scopus
40	Chaitanya V.P.; Madhavi Devi B.; Naveen B.; Akash M.	Identify Skin Disorder Using Dermoscopic Analysis Through Federated Learning	2024	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	10.1109/ICERCS63125.2024.10894870	Scopus
41	Gonthina N.; Prasad L.V.N.	A Review of various Architectures for Image Segmentation	2024	Proceedings of 2nd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2024	10.1109/ASSIC60049.2024.10507939	Scopus
42	Gonthina N.; Prasad L.V.N.	A Study of Various Optimization Algorithms and Entropy Measures for Image Segmentation	2024	Proceedings of the 18th INDIACom; 2024 11th International Conference on Computing for Sustainable Global Development, INDIACom 2024	10.23919/INDIACom61295.2024.10498431	Scopus
43	Upputuri B.; Tejaswini R.; Vindhya E.; Moahana Roopa Y.	Blockchain-Enabled QR Verification System for Authenticating GI-Tagged Products in E-Commerce	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823127	Scopus
44	Ropa Y.M.; Moon K.R.; Singh T.	Deep Learning-Based Hybrid Framework Utilizing OpenCV and CNN for Automated Brain Tumor Detection and MRI Image Classification	2024	4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings	10.1109/ICSES63445.2024.10762991	Scopus

45	Yennam S.; Kalyani B.J.D.; Pathakota S.S.; Nookala S.	Emotion Recognition of South Indian Regional Languages in Social Media	2024	IEEE International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2024	10.1109/ICRASET63057.2024.10895134	Scopus
46	Gonthina N.; Adunuri S.; Mateti R.; Allampalli S.S.; Narasimha Prasad L.V.	Accurate Semantic Segmentation of Aerial Imagery Using Attention Res U-Net Architecture	2024	2024 International Conference on Emerging Smart Computing and Informatics, ESCI 2024	10.1109/ESCI59607.2024.10497287	Scopus
47	Mishra T.K.; Sucharitha G.; Siddhartha N.; Raju B.; Mohanty S.N.	Prediction of Suicidal Behaviour among the users on Social Media using NLP and ML	2024	ESIC 2024 - 4th International Conference on Emerging Systems and Intelligent Computing, Proceedings	10.1109/ESIC60604.2024.10481588	Scopus
48	Botlagunta M.; Botlagunta M.; Devarakonda Venkata M.; Kanakapudi C.; Khan Z.	Correlation-Based Comparative Machine Learning Analysis for the Classification of Metastatic Breast Cancer Using Blood Profile	2024	Eurasian Journal of Medicine and Oncology	10.14744/ejmo.2024.52521	Scopus
49	Sucharitha G.; Sirisha M.; Pravalika K.; Gayathri K.N.	A Study on the Performance of Deep Learning Models for Leaf Disease Detection	2024	EAI Endorsed Transactions on Internet of Things	10.4108/eetiot.4592	Scopus
50	Vignesh B.; Keerthan A.V.K.S.; Shyamsunder B.; Satheesh Kumar S.	Human Age Prediction Based on Gender Image Recognition	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823236	Scopus
51	Dutta S.; Keerthana R.; Shekar D.C.; Kumar S.S.	Biological Profile Estimation of the Human Skeleton Based Forensic Identification Using Deep Learning Image Classification	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823326	Scopus
52	Charishma T.N.S.; Koushik A.S.; Reddy G.S.A.; Himabindu M.	Employing Machine Learning Algorithms to Detect Phishing URL Websites	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823220	Scopus
53	Hussain M.M.; Akhil L.S.; Prakash T.O.; Lakshmi Prasanna B.	Enhancing Skin Cancer Diagnosis Through Optimized Convolutional Neural Network in a Smart Health Care System	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823180	Scopus

54	Naveena K.; Basha M.S.; Sai Sathvik C.; Mahajan T.R.; Nithin Emmanuel P.	Enhancing Access Control in Cloud Storage through Sanitizable Access Control System	2024	Proceedings - 2024 International Conference on Computational Intelligence for Security, Communication and Sustainable Development, CISCSD 2024	10.1109/CISCSD63381.2024.00042	Scopus
55	Prasad M.L.; Tejaswini R.; Karthik C.; Bharath D.	Efficient Student Attendance Tracking Using Yolov5 Faces Recognition	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568645	Scopus
56	Mishra T.K.; Sucharitha G.; Siddhartha N.; Raju B.; Mohanty S.N.	Prediction of Suicidal Behaviour among the users on Social Media using NLP and ML	2024	ESIC 2024 - 4th International Conference on Emerging Systems and Intelligent Computing, Proceedings	10.1109/ESIC60604.2024.10481588	Scopus
57	Ramakrishna J.S.; Venkateswarlu S.C.; Kumar K.N.; Shreya P.	Development of explainable machine intelligence models for heart sound abnormality detection	2024	Indonesian Journal of Electrical Engineering and Computer Science	10.11591/ijeecs.v36.i2.pp846-853	Scopus
58	Sreevani M.; Vijay V.; Chaitanya K.; Radhika C.; Manjula N.; Radha Krishna Koushik D.; Sai Venumadhav B.; Sai Jaideep T.; Pittala C.S.; Shaik S.	State-of-art design: data selectors using quantum-dot cellular automata	2024	International Journal of System Assurance Engineering and Management	10.1007/s13198-023-02215-5	Scopus
59	Lakshmanachari S.; Shaik S.; Satyanarayana G.S.R.; Vasavi I.; Vijay V.; Pittala C.S.	1-bit full adder design using next generation semiconductor devices and performance benchmarking at low supply voltages	2024	International Journal of System Assurance Engineering and Management	10.1007/s13198-023-02181-y	Scopus
60	Nagaraju D.; Abdul Pasha S.K.	ANN-SEPIC Converter Based Bidirectional Battery Charger for a Wide Range of Electric Vehicles	2024	E3S Web of Conferences	10.1051/e3sconf/202456402005	Scopus

61	Madhuri M.; Gatla R.K.	Resilient Operation of PV Systems in Weak Grids by adjusting of Flexible Grid Conditions through Artificial Neural Networks (ANNs) to Improve Power Quality	2024	E3S Web of Conferences	10.1051/e3sconf/202456405006	Scopus
62	Vasantha M.; Jagan Mohan V.C.	A Bidirectional ANN-Based On-Board LEV Charging System	2024	E3S Web of Conferences	10.1051/e3sconf/202456402004	Scopus
63	Gaddala S.; Reddy D.	Study and control of multilevel inverter topology with improved reliability and reduced number of components	2024	E3S Web of Conferences	10.1051/e3sconf/202456403004	Scopus
64	Pranay M.; Pala Prasad Reddy M.	Design and analysis of DC to DC converter with PID controller for fast charging electrical vehicle application	2024	E3S Web of Conferences	10.1051/e3sconf/202456402007	Scopus
65	Shasirekha K.; Shivakumar M.	A novel design of an isolated onboard charger for electric vehicles	2024	E3S Web of Conferences	10.1051/e3sconf/202456402006	Scopus
66	Anusha M.; Shobha Rani D.	A New Standalone Photovoltaic Inverter Configuration with Low Harmonic Distortion under the Partially Shaded Condition	2024	E3S Web of Conferences	10.1051/e3sconf/202456405007	Scopus
67	Bachu R.; Rani D S.	Seamless Migration from Grid-Connected Photovoltaic System to Autonomous Operation Boosted by Neural Network Innovations	2024	E3S Web of Conferences	10.1051/e3sconf/202456405005	Scopus
68	Angadi O.; Gatla R.K.; Kumar P.S.; Kumar D.G.	Balanced Power Distribution Control Strategy of A DC-DC Converter and Energy Storage System by Using Soc Management	2024	Proceedings of the 3rd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2024	10.1109/ICPEICES62430.2024.10719056	Scopus
69	Rohith M.; Jagan V.C.; Kumar P.S.	Fuzzy based DC and AC Active Power filters for Distributed Photovoltaic Grid System	2024	2024 International Conference on Computational Intelligence for Green and Sustainable Technologies, ICCIGST 2024 - Proceedings	10.1109/ICCIGST60741.2024.10717552	Scopus