



INSTITUTE OF AERONAUTICAL ENGINEERING (AUTONOMOUS)

Dundigal, Hyderabad - 500 043

ANNEXURE-39

Conference Papers

| S.No | Authors | Title | Year | Source title | DOI | Source |
|------|--|--|------|---|-----------------------------------|--------|
| 1 | Jayanthi M.; Srimani P.S.; Gupta M.; Meheta A.; Saeed H.Y.; Gugulothu B.N. | Exploring the Thermal Runaway Mechanism in High- Energy Lithium-Ion Batteries | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11019945 | Scopus |
| 2 | Padmaja C.V.R.; Sadasivuni S.T. | Data-Driven Urban Mobility - Comprehensive Predictive Modeling for Traffic Congestion | 2024 | Proceedings - 2024 IEEE International Conference on Intelligent Systems, Smart and Green Technologies, ICISSGT 2024 | 10.1109/ICISSGT58904.2024.00037 | Scopus |
| 3 | Veeresh G.; Sreevani N.; Lakhanpal S.; Dhasmana G.; Nagini R.V.S.S.S.; Jabbar A.S.A.A.-Z. | The Confluence of WSNs and 5G Technologies: A Game- Changing Synergy | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10866602 | Scopus |
| 4 | Mallikarjuna B.; Madhu R.; Ajay A.; Saikumar S. | An Effective Video Surveillance System using Convolutional Neural Network (CNN) for Criminal Identification | 2025 | 16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025 | | Scopus |
| 5 | Srikanth V.; Aswini P.; Asha V.; Pithamber K.; Sobti R.; Salman Z. | Development of an Electric Automation Control Model Using Artificial Intelligence | 2024 | 2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024 | 10.1109/IC3TES62412.2024.10877661 | Scopus |
| 6 | Uma Reddy N.V.; Anuradha R.; Lakhanpal S.; Read R.; Subhashini P.; Divetia K. | Integrating Machine Learning with Binary Integer Programming for Optimal PMU Placement in Dynamic Power Networks | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828985 | Scopus |
| 7 | Kaliyaperumal G.; Gatla A.; Lakhanpal S.; Reddy K.J.; Najm R.; Raju K.B. | Adaptive Framework for Comprehensive Quality Assessment in Unstructured Big Data | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10829192 | Scopus |

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| 8 | Abu Eid A.I.; Pethkar R.; Huda B.; Patil J.B.; Gatla R.K.; Kumbhar R. | Evaluating importance of AI in Robotics and Automation in Healthcare for Different age Groups | 2024 | Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024 | 10.1109/HISET61796.2024.00106 | Scopus |
| 9 | Chaturvedi A.; Rao P.; Venkata Maruti Prasad S.; Malini T.; Prabagar S.; Bharathi K. | IoT-Enabled Smart Irrigation System with ABiLSTM for Optimized Water Management and Crop Yields | 2025 | 3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025 | 10.1109/ICICACS65178.2025.1096776 | Scopus |
| 10 | Anjimoon S.; Asha V.; Dange P.; Khan I.; Paul S.; Al-Fatlawy R.R. | Numerical investigation on flow and heat transfer characteristics of pure water in concentric triple tube heat exchanger | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202450701080 | Scopus |
| 11 | Asha V.; Sreekanth S.; Nijhawan G.; Parmar A.; Hameed A.A. | Adaptive Whale Optimization Algorithm for Enhanced MM-Wave Antenna Design in 5G Networks | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11019189 | Scopus |
| 12 | Singh V.; Parvez A.; Ravi K.C.; Suneel S.; Balam A.; Raja Ch. | PathTrackFlow: A Predictive Framework for Advanced Path Planning in Autonomous Robotics | 2025 | Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025 | 10.1109/ICPCSN65854.2025.11035069 | Scopus |
| 13 | Suhani B.; Reddy J.A.; Sankeerthan Y.Y.; Mallikarjuna B. | A Convolutional Neural Network Approach for Diabetic Retinopathy Staging | 2025 | 16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025 | | Scopus |
| 14 | 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 |
| 15 | Sandeep C.; Selvarajan L.; Balu Mahandiran S.; Murugan K.; Sasikumar R.; Srinivasan V.P. | Analysis of Cast Aluminium-Zinc Alloy Surface Fatigue Crack Formation Growth Characteristics | 2024 | SAE Technical Papers | 10.4271/2023-01-5119 | Scopus |
| 16 | Srivastava Y.; Mittal M.; Almusawi M.; Yadav K.; Boob N.S.; Lakhanpal S.; Aishwarya B. | Soc Estimation & Battery Modelling For HEV | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10866061 | Scopus |

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| 17 | Kumar A.; Hassan M.M.; Chauhan S.; James A.L.; Pal Thethi H.; Raj V.H.; Manohar Reddy Y. | Advances in CCU Methods: Handling Release of Carbon for the Impact of Climate Change | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202452903018 | Scopus |
| 18 | Srivastava A.; Al-Jawahry H.M.; Kumar Y.; Rawat R.; Aswini S.; Gupta M.; Boob N.S.; Srivastava A.P. | Increasing The Energy Efficiency of Gallium Arsenide Photovoltaic Cells Employing a Phase Change Material Cooling Methodology | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10866945 | Scopus |
| 19 | Jayanthi M.; Suneel S.; Gupta M.; Kansal V.; Mallikarjuna Raju K.; Albawi A. | Innovations in Cloud and Edge Computing Security Safeguarding Privacy in Distributed Systems | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10866942 | Scopus |
| 20 | Gupta N.; Ramacharyulu D.A.; Vishkarma M.K.; Bhati S.; Kumar M.; Appaswamy S.T. | Fracture toughness and failure modes of materials under high strain rate deformation | 2025 | AIP Conference Proceedings | 10.1063/5.0261396 | Scopus |
| 21 | Awasthi A.; Geeta Yadav M.; Baswaraju S.; Nijhawan G.; Ziara S.; Kumar A. | Detailed analysis of Sustainable Infrastructure Design and Benefits for urban Cities | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202455201054 | Scopus |
| 22 | 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 |
| 23 | 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 |
| 24 | Kumar R.; Adnan M.M.; Shrivastava A.; Bhadula S.; Dutt A.; Praveena K.; Bansal S. | The HAR-KNN - A novel Prospective for Recommendation System | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10866979 | Scopus |
| 25 | Bojja P.; Singh L.; Kumari P.R. | A Comparison of Multi-Tier Feature Selection Techniques for Classifying Alzheimer's Disease | 2025 | International Conference on Communication, Computer and Information Technology, IC3IT 2025 | 10.1109/IC3IT66137.2025.11341603 | Scopus |

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| 26 | Kumar Reddy S.P.; Sreevani N.; Revathi V.; Babu S.; Singh N.; Kareem A. | Combining the AIML Model with Acoustic Signal to Evaluate the Bowel Sound | 2024 | 2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024 | 10.1109/IC3TES62412.2024.10877599 | Scopus |
| 27 | Bhadauria A.; Reddy M.S.S.; Asha V.; Nijhawan G.; Abdulhussein Hameed A.; Pratap B. | Analytical Survey on the Sustainable Advancements in Water and Hydrology Resources with AI Implications for a Resilient Future | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202455201074 | Scopus |
| 28 | Velmurugan K.V.; Dwivedi Y.D.; Vijayakumar G.N.S.; Shankar E.; Velumayil R.; Kannan L.V.; Babu D.M.; Yokeswaran R. | Evaluating the Fatigue Performance of Extruded A2024 in AM2 Airfield Matting Systems Under Simulated Aircraft Loading Conditions | 2025 | AIP Conference Proceedings | 10.1063/5.0262740 | Scopus |
| 29 | Raj R.G.; Aswini P.; Hameed A.A.; Thethi H.P.; Karuna G.; Arora D. | Block Chain Technology to Secure Data Management in Cloud Computing | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11019734 | Scopus |
| 30 | Gundlapalle R.; Nagpal A.; Rangaiah Y.P.; Chandini P.; Albawi A.; Kalyani S.; Agrawal P. | Transfer Learning-Driven CNN Architectures for Automated Defect Detection in Printed Circuit Boards | 2025 | 2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025 | 10.1109/IC3ECSBHI63591.2025.10990 | Scopus |
| 31 | Sharma M.; Kumar B.S.; Chandrashekar R.; Nijhawan G.; Muralikrishna C.; Habelalmateen M.I.; Goyal R.; Patnaik B. | Modern Approaches in Water Treatment: Emerging Technologies and Future Directions | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202459601046 | Scopus |
| 32 | Bandhu D.; Umashankari E.; Revathi V.; Dutt A.; Kumar P.; Ali Abd Ulabbas Abedi T. | A Detailed Review on Sustainable Engineering Methods Integrated with Waste Management Practices | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202455201058 | Scopus |
| 33 | Kondamudi D.; Madireddy V.R.; Bojja P. | Ensemble DenseNet: A Deep Learning Approach to Identifying Lymph Node Metastasis in Breast Cancer | 2025 | 2025 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies, INSPECT 2025 | 10.1109/INSPECT67393.2025.1135036 | Scopus |

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| 34 | 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 |
| 35 | Varshney N.; Gupta A.; Dwivedi S.P.; Shalini N.; Srivastava A.; William P. | Implementation of File Tracking System Using Cloud-Based SAP Technology with Web Services | 2024 | Lecture Notes in Electrical Engineering | 10.1007/978-981-97-5227-0_7 | Scopus |
| 36 | Jonnalagadda V.K.; Atyam N.R.; Reddy D.; Velpula S.; Gatla R.K. | Enhancement of Virtual Inertia with Grid-Connected Renewable Energy Sources Using Reinforcement Learning | 2025 | Proceedings of the 1st IEEE International Conference on Advances in Next-Gen Computer Science, ICANCS 2025 | 10.1109/ICANCS65819.2025.11376758 | Scopus |
| 37 | Athota 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 |
| 38 | Arun V.; Kumar Kalagatoori Archakam J.; Kumar C.P.; Nagpal A.; Kumar Chandra P.; Ali Abd Ulabbas Abedi T. | Examining the Relationship between Biotech Crop Cultivation and Global Food Security Sustainable Index: A Comparative Analysis from 2012 to 2018 | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202455201072 | Scopus |
| 39 | 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 |
| 40 | Gupta A.; Kumar K.; Asha V.; Kumar S.N. | Machine Learning in Economic Forecasting: A Comprehensive Review | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828960 | Scopus |

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| 41 | Aravinda K.; Rangaraju T.; Singla A.; Sirisha N.; Garg M.; Salman Z.N. | Advanced Computational Frameworks for High-Resolution Biospeckle Image Analysis: Integrating Machine Learning and Optical Coherence Techniques for Enhanced Biological Tissue Characterization | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828754 | Scopus |
| 42 | Kumar B.S.; Rangaiah Y.P.; Singh N.; Yadav D.K.; Mohammed M.W. | Optimizing Open Resonant Cavity Antenna Design with Machine Learning and Metaheuristic Techniques | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11018939 | Scopus |
| 43 | Sreeja S.P.; Sreenivasulu D.; Jain A.; Chahuan N.; Jabbar F.D.; Gugulothu B.N. | A Robust BMS Framework for DC Fast Charging in Smart Grid-Integrated EVs | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11020094 | Scopus |
| 44 | Kumar S.P.; Mohan Reddy K.R.R.; Arora D.; Nijhawan G.; Yadav R.; Chauhan S. | Development of environmentally friendly machining techniques for sustainable manufacturing practices | 2025 | AIP Conference Proceedings | 10.1063/5.0262091 | Scopus |
| 45 | Arangarajan M.; Yadav A.P.; Veena C.H.; Sasthi Kumar C.; Patel G.A.; Sahu D.N. | AI-Based Bolt Loosening Diagnosis with Deep Learning from Laser Ultrasonic Wave Data | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828738 | Scopus |
| 46 | Reddy C.R.; 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 |
| 47 | 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 |
| 48 | Aravind K.; Sangeeta K.; Yadav S.A.; Kansal L.; Garg M.; Sirisha N. | Unveiling the Nexus of Intelligence: Smart Grids Meter Infrastructure - A Holistic Probe into Security and Privacy Dynamics | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828890 | Scopus |

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| 49 | Raman R.S.; Anjimon S.; Anandhi R.J.; Sheikh A.; Parmar A.; Sharma N.; Adnan M.M. | Parametric study of three dimension rcc frame structure for during earthquake condition | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202450701030 | Scopus |
| 50 | Manjunatha; Aswini S.; Lakhanpal S.; Rao B.D.; Srivastava A.; Smitha K. | Pioneering AI in UAV-Assisted 6G Networks for the Advancement of Mobile Robotics in Industry 5.0 | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828917 | Scopus |
| 51 | Maddela V.K.R. | Global Health Expenditure Forecasting Using Fourier Transform Assisted Sarima Models | 2025 | 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems, IACIS 2025 | 10.1109/IACIS65746.2025.11211109 | Scopus |
| 52 | Aravinda K.; Rangaraju T.; Singla A.; Parmar A.; Hameed A.A. | Robust MIMO-OFDM Channel Estimation for 5G Networks Using Conditional Self-Attention GANs | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11020480 | Scopus |
| 53 | Mayuri K.; Reddy U.; Nijhawan G.; Khan I.; Pahwa S. | Eco-friendly materials: Advancing sustainable construction with coatings and sealants | 2025 | AIP Conference Proceedings | 10.1063/5.0307231 | Scopus |
| 54 | Naseeba B.; Sivaji U.; Purushotham N.; Umamaheswari R.; Challa N.P.; Madhavi K.R. | InsightBot: An Automated Text Summarization and Visualization Tool for Efficient Research Analysis | 2025 | Lecture Notes in Networks and Systems | 10.1007/978-3-031-88992-9_40 | Scopus |
| 55 | Pandey S.M.; Kukreti S.; Husain S.O.; Meena S.B.; Praveena K.; Sehgal A.; Upadhyay S. | Modeling and Analysis of Cascade Multilevel Inverter with STATCOM | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10867050 | Scopus |
| 56 | Jayanthi M.; Suneel S.; Gupta M.; Albawi A.; Ramesh B.; Yadav D.K. | Industrial Image Processing-IoT and Big Data Sensor Value Analysis | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11019008 | Scopus |
| 57 | Gupta P.; Raj V.H.; Lal G.; Gupta M.; Chandra P.K.; Muhamed H.; Parmar A. | A Comparative Analysis of Post-Disaster Analysis Using Image Processing Techniques | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202452903017 | Scopus |

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| 58 | Arun V.; Rangaiah Y.P.; Dutt A.; Manjunatha; Al-Allak M.A.; Garg M.; Gangadharolla R. | Adaptive Demand Response Optimization Using Reinforcement Learning for Enhanced Grid Stability and Renewable Integration | 2025 | 2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025 | 10.1109/IC3ECSBHI63591.2025.10991 | Scopus |
| 59 | Abu Eid A.I.; Kadam Rangrao S.; Patil Abhijit S.; Sharma L.; Rani D.S.; Ukirade C. | Studying the Fundamentals of Internet of Things (IoT) in the Healthcare Applications | 2024 | Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024 | 10.1109/HISET61796.2024.00108 | Scopus |
| 60 | Revathi V.; Rangaiah Y.P.; Dutt A.; Yadav D.K.; Khattab Al-Rubaye T.M.; Gugulothu B.N. | Next-Gen Smart Energy Solutions: Meta-Principles for Building Sustainable, Smart, and Healthy Cities | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11019025 | Scopus |
| 61 | Asha V.; Sreekanth S.; Rajasekhar B.; Nijhawan G.; Abd Ulabbas Abedi T.A.; Parmar A. | ML Models and Big Data Analytics to Predict the Cricket Match | 2025 | Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025 | 10.1109/INCIP64058.2025.11019434 | Scopus |
| 62 | Vivek Kumar C.; Ramya Swetha R.; Manoj T.; Preetham K. | Seismic response assessment of steel frame building with cross braced systems in different locations of multi-storey building | 2025 | IFAC-PapersOnLine | 10.1016/j.prostr.2025.07.031 | Scopus |
| 63 | Asha V.; Rangaiah Y.P.; Nijhawan G.; Shrivastava A.; Satyanarayana G.V.V.; Albawi A. | Exploring the Intricacies of Network Security in a Hyper-Connected World with a Focus on Encryption, Firewalls, and Intrusion Detection Systems | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10866847 | Scopus |
| 64 | Vasanth M.; Jagan Mohan V.C. | A Bidirectional ANN-Based On-Board LEV Charging System | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202456402004 | Scopus |
| 65 | Chaudhary S.; Patil V.C.; Vyas V.; Wagh S.J.; Patange A.; Krishna A.N. | Analysis on the Integration of Healthcare and Management with Software and Technology | 2024 | Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024 | 10.1109/HISET61796.2024.00115 | Scopus |

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| 66 | Sandeep C.; Siva Subramanian R.; Gopikumar S.; Mohan Dass M.; Sethu Ramalingam P.; Vijaya Prakash B. | Effect of Post Weld Heat Treatment on Notch Sensitivity Ratio of Electron Beam Welded AA2024 Aluminum Alloy Joints | 2024 | SAE Technical Papers | 10.4271/2023-01-5142 | Scopus |
| 67 | Karambelkar V.H.; Thorat G.; Chopade A.R.; Mohite A.R.; Patil A.; Prasad L.V.N. | Detection of Medical Diabetic Retinopathy through Application Using Deep Learning Models | 2024 | Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024 | 10.1109/HISET61796.2024.00069 | Scopus |
| 68 | Jayanthi M.; Srimani P.S.; Mittal M.; Gupta M.; Poornima E.; Al-Rubaye T.M.K. | The Role of Stream Data in Modern Geology and Earth Science Research | 2024 | Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024 | 10.1109/ICSCAI61790.2024.10866622 | Scopus |
| 69 | Devi V.S.A.; Sreevani N.; Nagpal A.; Reddy K.J.; Ziara S.; Raju K.B. | Enhanced Detection of Weak Signals in Chaotic Systems Through Hybrid Neuro-Fuzzy Inference Techniques | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828723 | Scopus |
| 70 | 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 |
| 71 | Kafila; Suneel S.; Thatipudi J.G.; Jini Kumari M.; Penyameen K.; Sharma A. | XANNLight: A Novel Hybrid Ensemble Model for Accurate Health Insurance Prediction and Trend Forecasting | 2025 | 6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings | 10.1109/ICMCSI64620.2025.10883064 | Scopus |
| 72 | Jadhav R.J.; Suneel S.; Manjunath B.E.; Shrivastava S.S.; Gopinath D.; Gnanamurugan S. | Blockchain-Enabled Trust Management in UAV-Assisted Wireless Sensor Networks | 2025 | Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025 | 10.1109/ICIMIA67127.2025.11200700 | Scopus |
| 73 | Srilekha G.; Kaliyaperumal G.; Singh N.; Praveen; Parashar A.K. | Carbon footprint of conventional concrete compared to sustainable alternatives | 2025 | AIP Conference Proceedings | 10.1063/5.0307227 | Scopus |

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| 74 | Prasad K.H.; Reddy J.V.; Rangaraju G.; Rani V.M.; Ganesan N.S. | Structural and electrical conductivity studies of PbO nanofibers as an anode material for Li-ion batteries | 2025 | AIP Conference Proceedings | 10.1063/5.0298873 | Scopus |
| 75 | Kumar J.; Srilekha G.; Gupta M.; Salman Z.N.; Thandra N.; Tewari P. | Blockchain and Machine Learning for Real-Time Data Validation in Peer-to-Peer Energy Trading | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828923 | Scopus |
| 76 | Archakam J.K.K.; Rani D.S.; Nijhawan G.; Abedi T.A.A.U.; Subhashini P.; Gupta N. | A Study on the Integration of Haptic Feedback for Optimizing Telerobotic Surgery | 2025 | 2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025 | 10.1109/IC3ECSBHI63591.2025.10991 | Scopus |
| 77 | Varshney N.; Gupta A.; Shrivastava A.; Srivastava A.P.; Lakshmana Chari S.; Sankhyan A.; William P. | Implementation of Document Management System Using Cloud with the Schema of Marketing Database | 2024 | Lecture Notes in Electrical Engineering | 10.1007/978-981-97-5227-0_2 | Scopus |
| 78 | Saxena A.; Anandhi R.J.; Ramesh B.; Fande A.; Chandra P.K.; Sethi V.A.; Al-Farouni M. | Advancing sustainable agriculture through resource efficiency | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202450701006 | Scopus |
| 79 | Anjmoon S.; Sobti R.; Jayasheel Kumar K.A.; Kumar A.; Parashar S.C.; Hussien R.A. | Revolutionizing Packaging and Consumer Products: Exploring the Potential of Biodegradable Materials | 2024 | E3S Web of Conferences | 10.1051/e3sconf/202447202006 | Scopus |
| 80 | Asha V.; Sreekanth S.; Nijhawan G.; Rajkumar K.V.; Garg M.; Hameed A.A. | Elevating Digital Experiences by Enhancing Service Delivery through Revolutionary Cloud Services and Applications | 2024 | Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2024 | 10.1109/IC3I61595.2024.10828725 | Scopus |
| 81 | 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/ODICON62106.2024.1079753 | Scopus |
| 82 | Pande S.D.; Govardhan D. | Design and Fabrication of All Terrain Unmanned Aerial Vehicle (ATUAV) | 2025 | AIP Conference Proceedings | 10.1063/5.0266424 | Scopus |

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