

## MLR Institute of Technology Research Publications (01/01/2025 - 31/12/2025)

S. NO.	Authors	Title	Source title	Volume	Issue	Page No.	Year
1	Godlaveeti S.K.; Ramgopal N.C.; Reddy N.R.; Kumar A.S.; Pabba D.P.; Allothman A.A.; Mohammad S.; Jung J.H.; Joo S.W.	Simple and scalable solid-state synthesis of ZnMn <sub>3</sub> O <sub>4</sub> -g-C <sub>3</sub> N <sub>4</sub> heterostructures for enhanced photoelectrochemical water splitting	Journal of Alloys and Compounds	1022		-	2025
2	Babu V.V.P.; Gupta M.S.; Khan M.A.	A review on development and performance evaluation of a cold pressed oil extraction machine	AIP Conference Proceedings	3342	1	-	2025
3	Tandra N.; Pradha S.K.; Manasa K.; Bokka R.; Vakkalanka V.S.; Alisha M.	Multi-scale modelling and simulation of mechanical components: Bridging the gap between design and real-world applications	AIP Conference Proceedings	3342	1	-	2025
4	Miriyala G.; Bhandari L.; Ritika S.; Sowmya M.; Prasad S.V.S.	A Novel Spectrally Efficient DCO-OFDM with NERF Companding Scheme for VLC Systems	INDISCON 2025 - IEEE 6th India Council International Subsections Conference, Proceedings			-	2025
5	Sholapurapu P.K.; Omkar J.; Bansal S.; Gandhi T.; Tanna P.; Kalpana G.	Secure Communication in Wireless Sensor Networks Using Cuckoo Hash-Based Multi-Factor Authentication	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
6	Sankar Y.R.; Tawil S.; Krishnamoorthi K.; Ramanjaneyulu K.; Manogna D.; Gowthaman P.	Experimental Design to Generate Hybrid Image Captions based on Improved Deep Learning Strategy	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
7	Karuppasamy A.; Kirubakaran R.; Gopalan V.; Munusamy R.; Krishnasamy K.	Influences of basalt fiber position and addition on the mechanical and viscoelastic behaviors of steel mesh/flax/basalt fiber metal laminates	Iranian Polymer Journal (English Edition)	34	8	1167-1179	2025
8	Balakrishna K.D.; Somu V.; Jammalamadaka S.B.; Sankara S.K.D.B.; Bandaru V.; Krishna B.	The role of electric vehicles in achieving sustainable urban mobility: A comparative study	AIP Conference Proceedings	3342	1	-	2025
9	Kiran A.; Refonaa J.; Nabeel M.; Navaprakash N.; Reddy V.L.; Lalitha R.V.S.	Adaptive mixed reality robotic games for personalized consumer robot entertainment	Entertainment Computing	52		-	2025
10	Sowmya G.; Jayasree N.; Chaithanya V.; Meena T.; Ranni B.U.; Aishwarya G.	AI-Driven Assistance for Rapid Dermatology Triage	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			1758-1763	2025

11	Kanathi L.; Palasa L.; Panangipalli V.K.	Fields-backofen constitutive model for longitudinal tensile behavior of slab route Zircaloy-4	AIP Conference Proceedings	3342	1	-	2025
12	Moramudi P.; Somayajula V.S.P.; Vuppala S.N.V.R.; Tarigonda H.; Thotakuri M.	A review on aluminum metal matrix composite: Recent trends in evaluation of mechanical, corrosion and tribological properties in power metallurgy process	AIP Conference Proceedings	3342	1	-	2025
13	Maharana K.C.; Kumar B.; Kumar P.; Upadhyay S.; Hinz B.R.	Optimizing Handloom Price Prediction: Leveraging Diverse Features for Superior Accuracy Using Machine Learning	Communications in Computer and Information Science	2549 CCIS		92-104	2025
14	Yedukondalu J.; Sunkara K.; Radhika V.; Kondaveeti S.; Anumothu M.; Murali Krishna Y.	Cognitive load detection through EEG lead wise feature optimization and ensemble classification	Scientific Reports	15	1	-	2025
15	Vatambeti R.; Reddy N.V.R.; Ibrahim S.H.S.; Kocherla R.; Shareef S.K.; Yerragudipadu S.; Jagadesh B.N.	Enhancing urban traffic congestion prediction through efficientnet and optimized ensemble learning models	Scientific Reports	15	1	-	2025
16	Jayabalan K.; Soundararajan T.	Challenges, opportunities, and potential futuristic collaboration of bionics, composites, and additive manufacturing - An insight	AIP Conference Proceedings	3342	1	-	2025
17	Khatarkar P.; Bharathi L.; Ramu K.; Lathigara A.; Sahitya P.; Rafeeq M.D.	Advanced Distributed Network Intrusion Detection with Swift Self-Replication and Self-Repair Mechanisms	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			619-623	2025
18	Roy V.; Bhagyalakshmi L.; Yadav S.K.; Babu M.A.; Lathigara A.; Yalawar M.S.	An Intelligent Hierarchical Structure for Cyber-Physical System Security Establishment	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
19	Chinnasamy P.; Subashini B.; Ayyasamy R.K.; Kiran A.; Pandey B.K.; Pandey D.; Lelisho M.E.	Blockchain based electronic educational document management with role-based access control using machine learning model	Scientific Reports	15	1	-	2025
20	Shifani S.A.; Mmanideepika; Shabanabegum S.K.; Khafajeh H.; Yuvadharshini S.; Mamatha B.	A Novel Prediction Methodology to Detect Students Electronic Gadget Addiction based on Using Deep Learning Principle	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
21	Yelamasetti B.; Phani Sushma I.S.; Radha K.K.; Zubairuddin M.; Sharma S.; Arunachalam K.P.; Ismail A.I.; Ramaswamy K.	tensile strength of dissimilar weldments of AA5052-AA7075 alloys on the stress corrosion cracking: Comparative analysis of coolant effects for enhancing weld integrity	Journal of Materials Research and Technology	38		6315-6326	2025
22	Jayasri N.; Devi V.S.A.; Tewari P.; Lakhanpal S.; Abedi T.A.A.U.; Bodha K.	Adaptive Control Strategy for Real-Time Regulation of PEV Charging in Response to Fluctuating Renewable Energy Supply	E3S Web of Conferences	616		-	2025

23	Chandra S.; Elrashidi A.; Purushotham S.; Karthick C.; Manogna D.; Dinesh M.	A Blockchain based Secured Land Registration System using Dynamic Smart Contracts	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
24	Peera S.G.; Liu C.; Prasada Reddy P.S.; Das S.K.; Sahu A.K.; Siddiqui M.R.; Ramala Sarkar I.J.; Kumar S.; Bhatnagar A.	Enhanced oxygen reduction reaction with rare-earth metal-based Ce-N-C catalyst	International Journal of Hydrogen Energy	107		83-95	2025
25	Kishore D.R.; Kumari C.L.; Nagasatyaparvathi R.V.; Ganesh C.S.; Babu V.V.P.	Air-conditioning energy consumption for prediction university sector building using multiple regression method	AIP Conference Proceedings	3342	1	-	2025
26	Thatha V.N.; Chalichalamala S.; Pamula U.; Krishna D.P.; Chinthakunta M.; Mantena S.V.; Vahiduddin S.; Vatambeti R.	Optimized machine learning mechanism for big data healthcare system to predict disease risk factor	Scientific Reports	15	1	-	2025
27	Bagadi R.K.; Koraganji N.S.; Seshukumari B.V.; Karuturi K.R.S.; Abotula S.; Rajanna B.V.; Annavarapu M.; Kolukula N.R.; Pinajala J.; Meka J.S.	Artificial intelligence-based multi-key security for protected and transparent medical cloud storage	International Journal of Advances in Applied Sciences	14	4	1241-1250	2025
28	Dhanke J.A.; Khandekar S.D.; Raj R.; Chunduru M.R.; Shahade A.K.; Mani P.; Balam A.	Climatic Condition-Based Comparative Study of Deep Learning Models for Yield Forecasting in Smart Agriculture	Remote Sensing in Earth Systems Sciences	8	2	365-374	2025
29	Lavanya K.; Ponnuru S.; Ponnappalli V.L.N.P.; Arulananth T.S.	A Review on Machine Learning and Deep Learning Techniques for Medical Internet of Things (m-IoT)	Communications on Applied Nonlinear Analysis	32	25	271-283	2025
30	Nalini. N.; Vaishnavi T.; Elrashidi A.; Rosi A.; Manideep B.; Karthikeyan G.	An Intelligent Framework for Mango Tree Health Monitoring and Insect Identification Across Seasons	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025			248-255	2025
31	Buddha D.; Basha S.H.; Samara G.; Nitin V.; Jeyaprakash N.; Revathi V.	Hybrid Clustering Algorithm and Linear Predictive Coding for Cross-Tier Security Integrated Wireless Body Area Network	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
32	Yelamasetti B.; Vangapandu C.K.; Muri V.P.; Pothula C.M.; Phani Sushma Sri I.; Mahender T.	Modeling and Thermal Analysis on Dissimilar Weldments of Monel 400 and Steel 316L	E3S Web of Conferences	616		-	2025
33	Kumari P.R.; Suneetha C.; Kumar M.A.; Mrudula T.; Venkatachalam A.; Rajanna B.V.; Ambati G.	Li-Fi technology for automated transport	International Journal of Advances in Applied Sciences	14	4	1129-1136	2025
34	Madhu S.; Chandra P.S.R.; Kodi R.T.; Yacoob S.; Rao G.A.	A novel quality of service aware algorithm with task flow scheduling for cloud computing system	AIP Conference Proceedings	3342	1	-	2025

35	Aswani T.; Amalodbhavi G.L.S.; Urmila P.; Sanathan R.P.; Ali M.M.	Face Recognition and Tracking of Missing Person using AI	Journal of Trends in Computer Science and Smart Technology	7	1	14-28	2025
36	Reddy M.U.; Bhagyalakshmi L.; Sholapurapu P.K.; Lathigara A.; Singh A.K.; Nidadavolu V.	Optimizing Scheduling Problems in Cloud Computing Using a Multi-Objective Improved Genetic Algorithm	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			635-640	2025
37	Rajesh Gogineni; Umakanth N.; Ratnam N.V.; RamaKrishna Y.; SivaKrishna K.; Rao M.C.	Regional Variability of Lightning Activity in Pakistan: The Role of Atmospheric and Cloud Properties	Atmospheric and Oceanic Optics	38	5	591-600	2025
38	Lalngaihawma S.; Das S.; Datta S.; Ustun T.S.; Cali U.	Enhancing grid stability through virtual inertia control in automatic generation control of a multi area system	Energy Reports	13		2764-2789	2025
39	Budati S.; Leman Z.; Sulaiman M.H.; Yelamasetti B.; Aslesha C.; Yusoff M.Z.M.; Zainudin E.S.B.	Investigating the effect of solid lubricants on friction and wear behaviour of sugar palm fiber based composites for rail brake pad application	AIP Conference Proceedings	3342	1	-	2025
40	Kumar M.P.; Krishnammal N.; Gupta M.; Begum M.U.; Sultana S.; Degala D.P.	Sustainable Agriculture in Food Security Integrating Satellite Data Risk Assessment by Cyberattack Detection: AI Applications	Remote Sensing in Earth Systems Sciences	8	2	435-443	2025
41	Kumar H.; Prasad R.; Kumar P.; Sushma I.S.P.; Yelamasetti B.; Shelare S.; Sharma S.; Ismail A.I.; Lozanovic J.	Synergistic mechanisms of fly ash reinforcement on the mechanical characteristics, deformation behaviour, grain refinement, and grain boundary in friction stir processed copper matrix composites	Journal of Materials Research and Technology	36		9831-9839	2025
42	Singh R.; Poddar H.; Deepika S.; Bhavana M.; Tanna P.; Vasavi P.	Fast and Secure Homomorphic Encryption for Privacy-Preserving Cloud Computation in Post-Quantum IoT	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
43	Satyanarayana M.V.N.V.; Arun Kumar K.; Kumar A.; Mrudula G.; Janaki Venkatesh D.; Suresh B.V.; Govind N.	Microstructure and Texture-Driven Enhancement of Surface Properties in Water-Cooled Friction Stir Processed AA6061 Alloy	Journal of Tribology	147	12	-	2025
44	Chinthalapudi R.; Jatavallabhula J.K.; Kannaiyan G.N.; Pappula B.; Makgato S.	Random forest algorithm integrated with an initial basic feasible solution in buckling analysis of a two-dimensional functionally graded porous taper beam	Materials Research Express	12	6	-	2025
45	Kumar P.R.; Balaji T.; Bhavani D.; Kumar R.A.; Chander T.P.; Penubaka K.K.R.; Jaya N.	AIR QUALITY PREDICTION USING IOT AND NEURAL NETWORKS-AN EMPIRICAL ANALYSIS	Journal of Theoretical and Applied Information Technology	103	3	1076-1082	2025
46	Saha A.	Upconversion photoluminescence of chalcone derivatives	AIP Conference Proceedings	3342	1	-	2025

47	Suganya Y.; Sree C.S.; Kayalvili S.; Jebadurai D.J.; Vani M.S.; Dhivya S.; Sivakrishna K.; Reddy R.V.K.	Enhancing Cryptocurrency Market Predictability Using Artificial Intelligence: A Platform for Predicting Prices and Trends of Bitcoin, Ethereum, and Cardano	International Journal of Basic and Applied Sciences	14	2	504-519	2025
48	Kanathi L.; Ramalingam S.K.T.; Aruchamy M.K.; Velusamy M.K.; Jayabalan K.	Charcoal filler effect on performance of banana fiber reinforced composites	AIP Conference Proceedings	3342	1	-	2025
49	Srinivasan D.; Kiran A.; Parameswari S.; Vellaichamy J.	Bonevoyage: Navigating the depths of osteoporosis detection with a dual-core ensemble of cascaded ShuffleNet and neural networks	Journal of X-ray science and technology	33	1	3-25	2025
50	Aravind K.; Pal Thethi H.; Rao B.D.; Tewari P.; Emad R.; Balachandran P.K.	Advanced Supply-Demand Optimization in Renewable-Powered Microgrids	E3S Web of Conferences	619		-	2025
51	Kishore D.R.; Suresh V.; Prasad K.S.; Sri K.A.; Murali K.C.	Ant colony optimization based smart energy allocation method for plug-in hybrid electric vehicles charging stations	AIP Conference Proceedings	3342	1	-	2025
52	Meenakshi; Kapoor R.; Dash S.; Bansal R.; Vij A.; Chourasiya H.K.; Kumar N.; Ramovatar; Kumar S.	Tuning the structural, magnetic and optical properties of EuCrO3 orthochromites through Dy <sup>3+</sup> substitution	Bulletin of Materials Science	48	1	-	2025
53	Yechuri S.; Vanambathina S.	A Subconvolutional U-net with Gated Recurrent Unit and Efficient Channel Attention Mechanism for Real-Time Speech Enhancement	Wireless Personal Communications	145	03-Apr	491-509	2025
54	Koduru G.K.; Munugapati B.; Thimmaraju P.K.; Gondi K.R.; Esanakula J.R.; Srividya G.	Mechanical properties and performance analysis of fiber-reinforced composite materials	AIP Conference Proceedings	3342	1	-	2025
55	Nedunchezian T.; Penjarla N.K.; Samani S.; Tirumalarao P.; Nagaraju J.; Mehbodniya A.	Comprehensive Analysis of Diabetes Prediction System: Machine Learning and Deep Learning	Panamerican Mathematical Journal	35	25	82-91	2025
56	Lathigara A.; Multani F.; Bansal S.; Diwan T.D.; Arulananth T.S.; Giasuddin M.D.	Edge-AI-Driven Malignancy Detection in Breast Histopathology and Whole Slide Images Using Deep Learning Models	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
57	Reddy K.J.; Veeresh G.; Kansal L.; Sharma S.; Al-Rubaye T.; Arun V.	Optimizing Distributed Energy Storage Deployment in Smart Grids for Enhanced Grid Performance and Energy Management	E3S Web of Conferences	616		-	2025
58	Kumar B.; Indumathi N.; Gaurav K.; Anand N.; Hinz B.R.; Upadhyay S.	Random Forest Classifier for Real-Time Monitoring and Analysis of IoT Devices in View of Energy Efficiency and Security	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			1271-1276	2025

59	Devi E.N.; Kumar T.J.; Rao B.J.; Gowthami K.; Reddy M.V.	An empirical study assessing the efficiency and emissions properties of a diesel engine when fueled by blends of lemon grass oil	AIP Conference Proceedings	3342	1	-	2025
60	Gunasundari B.; Kambala S.K.; Sathya S.; Navya S.; Bhuvana S.; Kalpana D.	Hybridizing Convolutional Efficiency and Transformer Attention for Enhanced Bone Marrow Cell Classification	2025 IEEE International Conference on Advances in Computing Research on Science Engineering and Technology, ACROSET 2025			-	2025
61	Kumar G.K.; Anila M.; Manikyam N.R.H.; Thatha V.N.; Reddy R.V.K.; Papana K.R.	Heart Failure Detection Through SMOTE for Augmentation and Machine Learning Approach for Classification	Smart Factories for Industry 5.0 Transformation			123-134	2025
62	Khan S.A.; Boddepalli E.; Ajmera S.; Bhosale N.; Sajiv G.; Balakumar A.	Carbon-Based Electronics for Flexible, Sustainable, High-Performance, and Energy-Efficient Electronic Device Applications	2025 IEEE International Conference on Advances in Computing Research on Science Engineering and Technology, ACROSET 2025			-	2025
63	Dhote V.; Mukhi B.S.; Lathigara A.; Srividya M.; Khatkar M.; Raja M.	Wavelet-RSF Method for Multimodal Skin Lesion Analysis and Early Skin Cancer Diagnosis Using Deep Learning	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
64	Anuradha C.; Mayakkannan A.V.; Vinodha R.; Reddy K.N.; Annapurna B.; Ramu T.B.; Nithya T.M.; Srinivasan C.	A Robust Security System Using SHA-512 with Reinforcement Learning in Wireless Sensor Networks	Engineering, Technology and Applied Science Research	15	6	30080-30086	2025
65	Phani Babu V.V.; GB V.K.; Barmavatu P.	An experimental investigation on surface quality of 3D metal printed SS316L by direct metal laser sintering technique	International Journal on Interactive Design and Manufacturing	19	1	393-403	2025
66	Gani M.O.; Ayyasamy R.K.; Alhashmi S.M.; Alam K.S.; Sangodiah A.; Khaleduzzman K.; Ponnusamy C.	Towards enhanced assessment question classification: a study using machine learning, deep learning, and generative AI	Connection Science	37	1	-	2025
67	Kiran A.; Venkata Naga Ramesh J.; Quraishi A.; Chandra Patni J.; Keshta I.; Byeon H.; Raparathi M.; Sandhu M.; Soni M.	Tiny Machine Learning Approach for Grid-Based Monitoring of UAV Tracking and Cyber-Physical Systems in Hydraulic Surveying	IEEE Transactions on Intelligent Transportation Systems	26	9	14029-14038	2025
68	Rao D.T.V.D.; Pitchai R.; Amrutha M.; Rani B.S.; Spandana A.; Veeranjanyulu K.	Cryptography fog computing: A secure data access encryption method for data security	AIP Conference Proceedings	3342	1	-	2025
69	Kannaiyan G.N.; Yelamasetti B.; Pappula B.	Optimization of TIG welding parameters of aluminum alloys adapting root mean square propagation	AIP Conference Proceedings	3342	1	-	2025
70	Shankar S.V.; Sumathi K.; Rao A.V.L.N.; Tawil S.; Swathi P.; Dinesh M.	DCCP: A Logical Respiratory Disease Classification Methodology based on Ultrasound Images using Deep Convolutional Classification Principle	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025

71	Nidumolu E.C.P.; Yerra L.; Venkatesh T.; Kumar A.R.; Rao G.S.	Investigating the hybridization effects of cotton and glass fibers with SiO <sub>2</sub> nano-fillers in composite structures	AIP Conference Proceedings	3342	1	-	2025
72	Sudhamani C.; Deshpande R.; Rani P.; Kumar B.R.; Ram R.B.; Goud N.U.R.	An improved and enhanced multimodal segmentation of brain tumor images by means of deep neural networks	AIP Conference Proceedings	3342	1	-	2025
73	Lokasani B.; Kumar J.S.; Akula B.; Kudikala H.	Development of 3D filament extruder setup for uniform and continuous thermoplastic filaments	AIP Conference Proceedings	3342	1	-	2025
74	Biradu S.; Narkedimilly L.; Pedapati N.; Koujalgi A.; Karuppasamy A.K.	Developing an approach that can estimate a patient's risk of acquiring diabetes as accurately as possible	AIP Conference Proceedings	3342	1	-	2025
75	Jammalamadaka K.R.S.; Chokara B.; Jammalamadaka S.B.; Duvvuri B.K.	Making IoT Networks Highly Fault-Tolerant Through Power Fault Prediction, Isolation and Composite Networking in the Device Layer	Journal of Sensor and Actuator Networks	14	2	-	2025
76	Mandavilli V.S.; Kodi R.T.; Madhu S.; Birudu S.; Kumar J.S.	An efficient load balance efficiency technique for cloud business environment	AIP Conference Proceedings	3342	1	-	2025
77	Shaik D.; Kumar B.A.; Kumar V.S.; Venkatalakshmi A.; Kiran R.; Kumar K.A.	A comprehensive multi-scale convolution global pooling neural network model for identifying and categorizing plant diseases in maize	AIP Conference Proceedings	3342	1	-	2025
78	Anusha K.; Anandhi R.J.; Jain A.; Garg M.; Saeed A.; Bodha K.D.	Synergistic Intelligent Control Mechanisms for Enhanced Grid Stability and Efficient Energy Management in Smart Power Systems	E3S Web of Conferences	616		-	2025
79	Chhaya; Mishra D.; Shakunthala M.; Jyothi D.; Lathigara A.; Babu E.S.	Hierarchical Structural Framework for Intelligent Management of Cyber-Physical Systems	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
80	Kumar R.; Sharma A.; Kumar P.; S K.K.; Albert H.M.; Agrawal A.P.; R G.R.; Challa B.; Rambabu G.V.; Kumar A.	Advanced materials and system innovations for seawater electrolysis in hybrid renewable energy systems: Toward sustainable hydrogen production	Chemical Physics Impact	11		-	2025
81	Kumar M.; Pandey P.S.; Reddy M.S.; Gehlot A.; Choudhary S.K.; Singh G.K.; Singh B.	Investigating SnO <sub>x</sub> /Graphene Oxide heterostructure for methane sensing and its application as a tunable light absorber for optoelectronic devices	PLOS ONE	20	07-Jul	-	2025
82	Sivadarshani R.S.; Prasina A.; Samuthira Pandi V.; Al-Safarini M.Y.; Balaj B.; Dinesh M.	GNNFusion: A Hybrid Graph Neural Network Framework for Binding Affinity Prediction with Explainable AI	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			1824-1829	2025

83	Swamy B.V.; Trivedi R.; Reddy G.S.; Mallikarjun G.; Lavanya R.; Saha A.; Kishore M.; Devendar B.; Srinu B.	Construction of N-[5-(Trifluoromethyl)-1H-indazol-3-yl]acetamide Derivatives; Their Anticancer Activity and Molecular Docking Interactions	Russian Journal of General Chemistry	95	12	3771-3782	2025
84	Karthikeyan G.; Krishna Y.M.; Tirumala T.; Tawil S.; Yakaiah P.; Gowthaman P.	A Revolutionary Method for Accurate Vehicle Localization Leveraging Collaborative Map Matching and Responsive Base Stations	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
85	Logeshwari D.; Kanan M.; Sunasundram S.; Swetha K.; Gopika J.; Monika M.	No-Fire and Fire Detection in UAV Collected Images with Lightweight Deep-Learning	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
86	Khatoun P.S.; Nirmala V.; Kala N.S.; Sumathi S.; Kavya S.P.; Chinnasamy P.	Optimizing Fraud Detection Performance with XGBoost Algorithm in Credit Card Transactions	Proceedings of the 2025 International Conference on Technology Enabled Economic Changes, InTech 2025			1291-1298	2025
87	Kanathi L.; Panangipalli V.K.; Chadaram S.	AI in material science and metallurgy	AIP Conference Proceedings	3342	1	-	2025
88	Godlaveeti S.K.; Maseed H.; Alothman A.A.; Bin Rasheed A.A.; Gedi S.; V H.; Nagireddy R.R.	Boosted electrochemical performance of SnO <sub>2</sub> /Mn <sub>3</sub> O <sub>4</sub> -Mn <sub>2</sub> O <sub>3</sub> composite supported on reduced graphene oxide for supercapacitor applications	International Journal of Hydrogen Energy	102		1399-1410	2025
89	Nalini N.; Elrashidi A.; Vaishnavi T.; Rosi A.; Manideep B.; Karthikeyan G.	An AIoT-Enabled Smart Home Automation Framework: Intelligent Control, Security, and Predictive Monitoring	Proceedings of the 6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025			634-638	2025
90	Saha A.; Karar M.; Choudhury S.	Red edge effect of chalcone derivatives and their application in Bio-sensing	RSC Advances	15	17	13505-13512	2025
91	Ramgopal N.C.; Mukherjee P.; Kamilya T.; Basavegowda N.; Mahanthappa M.; Aljarba N.H.; Alqahtani R.A.; Alkahtani S.; Park J.; Vishwanath R.S.	Etched Co[Fe] Prussian blue analog nanozymes with superior peroxidase activity for colorimetric biosensing of hydrogen peroxide and dopamine	International Journal of Biological Macromolecules	288		-	2025
92	Thotakuri M.; Yelamasetti B.; I. S.S.P.; Sk M.S.; P. N.K.	Process parameter optimization of fused filament fabrication – 3D printing with PETG: a multi-objective approach using the matrix method	Rapid Prototyping Journal			1-22	2025
93	Salakapuri R.; Navuri N.K.; Vobbilineni T.; Ravi G.; Karmakonda K.; vardhan K.A.	Integrated deep learning framework for driver distraction detection and real-time road object recognition in advanced driver assistance systems	Scientific Reports	15	1	-	2025
94	Chandra B.M.; Samhan A.A.A.; Venkateswarlu L.; Harshini M.; Manjunatha M.; Deivanayaki R.	Smart Home Energy Management System Using Fractional Order PID Controllers with Hybrid Optimization	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025

95	Vadrevu S.; Mekala A.R.; Darwin P.; Devi M.S.; Sura S.	A unique method to develop an OTA by employing stacking and current-reuse techniques	AIP Conference Proceedings	3342	1	-	2025
96	Kumar S.; Lalitha Kameswari Y.; Koteswara Rao S.; Moram V.; Shital S.	Neural Networks for Cloud-Based Industrial Internet of Things	Studies in Computational Intelligence	1172		41-60	2025
97	vendoti S.; Tulasi N.P.; Jalli R.K.; Ponnuru S.; Jin Z.; Yakaiah P.; Alwetaishi M.; Prabhakar S.	Grid tied hybrid PV fuel cell system with energy storage and ANFIS based MPPT for smart EV charging	Scientific Reports	15	1	-	2025
98	Banda S.R.; Vadrevu S.; Venkata V.G.; Satya M.S.; Balusu M.	Developing a deep learning-based system for automated speed limit identification and monitoring using Raspberry Pi	AIP Conference Proceedings	3342	1	-	2025
99	Kiran A.; Ahmed A.B.G.E.; Khan M.; Babu J.C.; Kumar B.P.S.	An efficient method for privacy protection in big data analytics using oppositional fruit fly algorithm	Indonesian Journal of Electrical Engineering and Computer Science	37	1	670-679	2025
100	Jyothsna K.; Sivakrishna K.; Reddy K.S.; Nishitha H.; Sarvani T.H.; Prasad P.V.D.	Real-Time Pose Detection for Cardiac Rehabilitation using Flutter	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			992-998	2025
101	Rajanna B.V.; Krishnaiah K.R.; Reddy G.R.; Ahammad S.H.; Najumunnisa M.; Inthiyaz S.; Eragamreddy G.; Sudhakar A.; Kolukula N.R.	Bidirectional power converter for electrical vehicle with battery charging and smart battery management system	International Journal of Power Electronics and Drive Systems	16	4	2592-2604	2025
102	Prasad K.S.; Udayakumar P.; Laxmi Lydia E.; Ahmed M.A.; Ishak M.K.; Karim F.K.; Mostafa S.M.	A two-tier optimization strategy for feature selection in robust adversarial attack mitigation on internet of things network security	Scientific Reports	15	1	-	2025
103	Thatha V.N.; Bhumireddypalli V.S.; Nandeti S.S.; Jakkulla P.K.	Hybrid intrusion detection system: Integrating particle swarm optimization and bayesian neural networks	AIP Conference Proceedings	3342	1	-	2025
104	Shifani S.A.; Naik K.C.K.; Yuvadharshini S.; Haritha P.S.; Kanan M.; Aswani T.	An Efficient Speech based Emotion Recognition Methodology to Identify Workers Stress in Industrial Environment using Deep Learning Methodology	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025
105	Unissa R.; Sathya Priya V.; Chandu R.K.; Krishna K.V.B.; Swathi N.; Ganesh M.	Identification and detection of DDOS attacks for network issues using machine learning	AIP Conference Proceedings	3342	1	-	2025
106	Deepthi Reddy K.; Narender G.; Prakash P.; Parvathi S.; Samatha N.	Ovarian Cancer Detection using Soft-Attention-Enhanced EfficientNet and Confidence Interval Evaluation	2025 IEEE Madhya Pradesh Section Conference, MPCON 2025			1030-1035	2025

107	Thotakuri M.; Reddy R.M.; Yelamasetti B.; Banda S.; Dhanthoju U.C.	Transient thermal finite element analysis of fractal honeycomb panels	AIP Conference Proceedings	3342	1	-	2025
108	Babu V.V.P.; Yalamanchili S.; Harshith P.; Varma B.S.; Chary S.	Investigation of mechanical properties of additive manufactured SS316L with different printing parameters	AIP Conference Proceedings	3342	1	-	2025
109	G R.; J E.R.D.; K A.S.L.; Kulandaiyappan N.K.; Stanislaus Arputharaj B.; Rajendran P.; Raja V.; Karuppasamy A.	Development of statistical and soft computing regression models for WEDM machining of aluminum composites	International Journal on Interactive Design and Manufacturing	19	5	3707-3723	2025
110	Bhanuprakash L.; Kavitha M.; Kuttimarks M.S.; Arunkumar S.; Nandhakrishnan A.; Mayakannan S.	Optimising EDM Process Parameters for Aged AA2024/B4C Metal Matrix Composites: Enhancing Mechanical Properties and Machining Efficiency	International Journal of Vehicle Structures and Systems	17	5	913-919	2025
111	Agrawal S.; Tiwari R.; Firdouse F.; Lathigara A.; Juwairiyah J.; Srividya M.	A Framework for Overloaded Host Detection and Scheduling Optimization in Cloud Environments	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			641-645	2025
112	Ashok Kumar K.; Domala N.; Sajjan V.K.; Bhadavath K.K.; Jadapalli S.; Vemula R.	Utilizing Temporal Inductive Path Neural Networks for Accurate Voice-Based Depression Classification: A Detailed Approach for Analyzing Speech Patterns to Identify Mental Health States	Journal of Voice			-	2025
113	Katari P.R.; Dadireddy S.; Pogula S.; Nukala C.; Tatavarthy S.S.; Yellatooru S.R.	Innovative advances in autonomous underwater vehicles: Hybrid systems, real-time mission management, and enhanced damage detection	AIP Conference Proceedings	3342	1	-	2025
114	Shabana S.; Jatavallabhula J.K.; Kumar R.N.; Chinthalapudi R.; Pappula B.	Towards Intelligent Tribology: Predicting Wear and Friction in WC-Co Coatings with Machine Learning	Journal of Bio- and Tribo-Corrosion	11	3	-	2025
115	Vignesh G.D.; Hussein A.S.; Prasad O.V.S.S.; Kmurilibabu; Nishitha P.; Purushotham S.	An Optimized Key Distribution Protocol to Perform Secure Wireless Data Transmission in Heterogeneous WSN Environment	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
116	Bhadavath K.K.; Sajjan V.; Domala N.; Konduru A.K.; Jadapalli S.; Vemula R.	Enhancing Digital VLSI Circuit Debugging with Unified Neighbor aware Graph Neural Network Based Automated Error Detection	Journal of Electronic Testing: Theory and Applications (JETTA)	41	05-Jun	691-708	2025
117	Kiran A.; Kumar P.V.R.G.; Sastry N.; Sudarshan R.; Babu K.S.	Investigation on parameters used for fused deposition modeling and inspection of the printed parts	AIP Conference Proceedings	3342	1	-	2025
118	Chinnasamy P.; Dhavamani L.; Ayyasamy R.K.; Kumar B.S.; Kiran A.	QuantumBlock health records: enhancing healthcare data security with quantum cryptography and blockchain technology	Cluster Computing	28	7	-	2025

119	Pandey P.S.; Yadav N.; Pandey K.; Yadav A.; Gupta N.; Brajpuriya R.; Kumar S.; Verma A.S.; Kumar T.; Wu Y.; Hongyu Z.; Biswas A.; Mittal A.; Mondal A.; Ivanovich R.O.	The integration of microelectronic and photonic circuits on a single silicon chip for high-speed and low-power optoelectronic technology	Nano Materials Science	7	3	305-315	2025
120	Thejasree P.; Natarajan M.; Khan M.A.; Vempati S.; Yelamasetti B.; Dasore A.	Application of a hybrid Taguchi grey approach for determining the optimal parameters on laser beam welding of dissimilar metals	International Journal on Interactive Design and Manufacturing	19	1	175-184	2025
121	Vatambeti R.; Gandikota H.P.; Siri D.; Satyanarayana G.; Balayesu N.; Karthik M.G.; Ch K.	Enhancing sparse data recommendations with self-inspected adaptive SMOTE and hybrid neural networks	Scientific Reports	15	1	-	2025
122	Sindhu B.; Madhu S.; Kumar D.P.; Leelavathy N.; Laxmi G.	Employing machine learning techniques to classify the strategies for protecting internet of things networks using DDOS attacks	AIP Conference Proceedings	3342	1	-	2025
123	Mishra A.K.; Roy V.; Suman S.K.; Sinhgadiya C.; Kumar M.N.; Nirisha A.	Advanced Interactive Standalone System for Food Intake Recognition and Classification: Design, Development, and Application	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			624-628	2025
124	Tiwari A.; Parvathy K.; Bhatt N.; Nidadavolu V.; Kumari M.; Singh A.K.	Modified Lightweight GIFT Cipher for Secure and Efficient Cryptographic Applications in IoT	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
125	Pandey P.S.; Shadab A.; Akkur M.; Yadav Y.; Kumar M.; Naruka M.S.; Singh Y.; Singh R.	Advancements in Fiber and Prism-Based Surface Plasmon Resonance Sensors: Comparative Analysis and Applications in Disease Detection and Biosensing	Plasmonics	20	9	7569-7595	2025
126	Ramgopal N.C.; Sreedevi G.; Alhammadi S.; El-marghany A.; reddy Gutturu R.; Arla S.K.; Kim J.S.; Joo S.W.	Cavity-engineered light utilization in NiCoMnO4 2D sheets for superior PEC water splitting performance	Journal of Alloys and Compounds	1017		-	2025
127	Singh S.; Sunnam N.; Corroya F.E.; Soni R.; Singh K.; Lokhande P.E.; Praveenkumar S.; Bapat M.S.; Ghotekar S.; Kumar D.; Mubarak N.M.; Abnisa F.	Synergistic effects of heterojunction graphene oxide nanocomposites in photocatalytic degradation of norfloxacin and hydrogen generation via water splitting	Scientific Reports	15	1	-	2025
128	Sudha G.; Prasanth B.V.; Senthil M.; Samhan A.A.A.; Sura S.; Asha V.	Trusted Federated Learning-based Fraud Detection and Battery Life Prediction Using Deep Learning Models in an Internet-Based Environment	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
129	Velpula V.K.; Vadlamudi J.S.; Janapati M.; Kasaraneni P.P.; Kumar Y.V.P.; Challa P.R.; Mallipeddi R.	Enhanced brain tumor classification using convolutional neural networks and ensemble voting classifier for improved diagnostic accuracy	Computers and Electrical Engineering	123		-	2025
130	Kishore N.P.; Taj; Kiran Mayi P.; Rambabu G.V.	Experimental study on mechanical characteristics of al 6061 metal matrix composite reinforced with corn powder	AIP Conference Proceedings	3342	1	-	2025

131	Raj P.M.P.; Vittapu S.K.; Gupta M.; Chinnasamy P.; Ganganai P.B.; Gajbhiye P.	Evolution of advanced manufacturing technologies: Impact on industry 4.0 and beyond	AIP Conference Proceedings	3342	1	-	2025
132	Krishnamoorthy K.; Kharya A.; Agarwal P.; Peneti S.; Bhatt N.; Mishra S.	An Authenticate Method Based on Combined Rabin Public Key Cryptosystem for Safe and Precise Data Transfer in WSN	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
133	Senthur N.S.; Rekha D.; Reddy Saragada D.V.V.S.B.; Gavya G.M.; Subhashini P.	Design and Fabrication of Baby Health Monitoring Using a Cradle Swinging Module	Journal of Neonatal Surgery	14	5	53-61	2025
134	Senthilnayaki B.; Al-Safarini M.Y.; Manukumar S.T.; Aswani T.	African Birds Identification Using Swing Transformer	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
135	Tripathi A.K.; Sree Lakshmi G.; Mishra H.; Chapala S.; Alwetaishi M.; Atamurotov F.; Benti N.E.; Sura S.; Ahamed Saleel C.	Integration of Solar PV Panels in Electric Vehicle Charging Infrastructure: Benefits, Challenges, and Environmental Implications	Energy Science and Engineering	13	4	2135-2152	2025
136	Thumma T.; Gupta R.; Reddy R.A.; Reddy C.A.	Hydromagnetic radiative heat transfer analysis of ferro-hybrid nanofluid thin film flow past an elongating surface with inclined magnetic field and viscous and joule dissipation: differential transform approach	Journal of Thermal Analysis and Calorimetry	150	21	17771-17790	2025
137	Saikumar K.; Bhavana M.; Prasanthi R.; Mallika S.S.; Kamidi D.; Malik N.; Joshi K.	Enhanced Air Quality Prediction Using AI: A Comparative Study of GRU, CNN, and XGBoost Models	Advance Sustainable Science, Engineering and Technology	7	3	-	2025
138	Reddy M.S.; Raja B.S.; Kiranbabu M.N.V.; Parvez M.; Inthiyaz S.; Prakash N.N.; Rajanna B.V.; Surendher G.	Grid connected solar water pumping system	International Journal of Applied Power Engineering	14	2	412-420	2025
139	Dhumpati R.; Kumhar B.; Karmode S.; Lathigara A.; Kumari V.S.; Arulananth T.S.	Blockchain-Enabled Oracle-Based Transparent Insurance Model with Automated Payouts	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
140	Thaoroijam K.; Kumar S.S.; Nirosha C.H.; Kumar S.N.; Durani H.; Agrawal P.	Integrating Trust-Based Hybrid Recommendation Systems with Soft Computing Techniques for Effective Recommendations	2025 IEEE Madhya Pradesh Section Conference, MPCON 2025			548-553	2025
141	Narreddy R.K.S.; Mandadi L.; Nelluri S.V.; Jeyaguru J.J.; Arumugam S.; Karuppasamy A.; Sivamani S.	Selection of an ideal composite laminate using ELECTRE approach	AIP Conference Proceedings	3342	1	-	2025
142	Jyothsna K.; Boggarapu S.; Namilakonda S.; Potukanuma A.K.; Prasad K.S.; Dhanikonda S.R.	Acceleration of the process of recognition and health management for Covid-19 detection by AI based platforms	AIP Conference Proceedings	3342	1	-	2025

143	Roy L.; Bhandari P.; Yadav S.; Akula A.; Reddy A.S.; Lathigara A.	Protecting Against Adversarial Attacks in Graph Neural Networks: Vulnerability Assessment and Parallel Defense Strategies	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
144	Kumar N.S.; Kumar Yadav S.; Jain N.; Vijetha T.; Nagesh D.; Bhatt N.	Leveraging Bio-Inspired Algorithms and Ensemble Learning for Robust Twitter Spam Detection	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
145	Sholapurapu P.K.; Sonulal; Bhatt N.; Sarawat A.; Arulananth T.S.; Lakshman M.	Enhancing IoT Performance with an Explainable Deep Learning Algorithm for Latency-Critical Applications	2025 IEEE Madhya Pradesh Section Conference, MPCON 2025			226-231	2025
146	Srinivasulu B.; Reddy R.M.; Meghana S.L.; Shirisha N.; Kumar M.R.; Gandhi R.V.	Improved Early Awareness: Parkinson's Disease, ALS, and Alzheimer's Disease	Generative AI in Neurology: Advancing Neurodegenerative Disease Treatment			108-123	2025
147	Dondapati R.K.; Challa L.K.; Bollu P.; Adapa S.K.; Nidumolu E.C.P.	Load forecasting of short-term electricity using decision tree algorithm	AIP Conference Proceedings	3342	1	-	2025
148	Kiran A.; Manu M.; Bokka R.; Kirankumar B.; Subbaiah K.V.; Alisha M.	Challenges and opportunities in the development of fully autonomous vehicles: A comprehensive review	AIP Conference Proceedings	3342	1	-	2025
149	Anandhi R.J.; Jain A.; Ravali Reddy B.; Divetia K.; Salman Z.N.; Tellapati A.D.	Generative AI-Based Real-Time Face Aging Simulation for Biometric Systems	E3S Web of Conferences	619		-	2025
150	Shirisha N.; Sonker A.; Naga Ramesh J.V.; Saidani T.; Rajesh Y.; Vydehi K.	Optimizing thermal dose prediction in nanoparticle-mediated photothermal therapy using a convolutional neural network-based model	Journal of Thermal Biology	128		-	2025
151	Raju K.N.; Elrashidi A.; Chaitanya D.; Prasad D.; Kannidi M.; Kannagi L.	An Improved Password Protection Strategy by Integrating Visual Encryption Methodology with Optical Character Recognition Logic	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
152	Shirisha N.; Sunitha M.; Bokka R.; Nabi S.A.; Reddi P.; Benarji T.	Navigating the future: The role of AI in enhancing autonomous vehicle safety and efficiency	AIP Conference Proceedings	3342	1	-	2025
153	Ramu T.B.; Kocherla R.; Sirisha G.N.V.G.; Chetana V.L.; Sagar P.V.; Balamurali R.; Boddu N.	Transformer based models with hierarchical graph representations for enhanced climate forecasting	Scientific Reports	15	1	-	2025
154	Pandey S.; Elamurugan P.; Shakunthala M.; Lathigara A.; Reddy K.R.; Chitra N.T.	Smart Healthcare Data Privacy Enhancement Using PSK, ECC, STh-RNN, Pseudonymization, and Data Diddling	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			629-634	2025

155	Rao B.D.; Madhavi K.	Enhancing bone cancer detection through optimized pre trained deep learning models and explainable AI using the osteosarcoma tumor assessment dataset	Scientific Reports	15	1	-	2025
156	Vobbilineni T.; Mustafa M.; Dyrapogu T.; Bollimuntha M.; Munugapati B.; Reddi P.	Sustainable materials engineering: Innovations in green materials for a circular economy	AIP Conference Proceedings	3342	1	-	2025
157	Kishore D.R.; Satyanarayana G.; Kumar A.S.; Prabhakar B.; Sunnam N.	Cuckoo optimization algorithm for maximum power tracker in variable speed with wind energy conversion system	AIP Conference Proceedings	3342	1	-	2025
158	Manian S.; Stanislaus Arputharaj B.; Gulbarga M.I.; Singh S.; Varshney D.; Subramanian M.; Buradi A.; Raja V.; Sirisha N.; Saleel C.A.	Artificial intelligence-based pipeline leakage detection in water distribution networks for liquid-cooled battery thermal management systems	Desalination and Water Treatment	324		-	2025
159	Praveen S.P.; Anusha P.V.; Akarapu R.B.; Kocharla S.; Penubaka K.K.R.; Shariff V.; Dewi D.A.	AI- POWERED DIAGNOSIS: REVOLUTIONIZING HEALTHCARE WITH NEURAL NETWORKS	Journal of Theoretical and Applied Information Technology	103	3	982-990	2025
160	Nigam N.; Suman S.K.; Bhagyalakshmi L.; Chitra N.T.; Babu E.S.; Tanna P.	Stochastic Feedforward Neural Networks and Partial Derivatives for Range-Free Location-Based Agriculture Sensor Network Formation	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			609-613	2025
161	Kumar Rai A.; Bansal S.; Ashok G.; Tanna P.; Sravanthi D.; Reddy K.R.	Developing a Cost-Effective Group Key Management Solution for the Internet of Things	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
162	Babu V.V.P.; Yalamanchili S.; Sriram U.	Evaluation of biomedical waste management in hospitals: A cross-sectional review	AIP Conference Proceedings	3342	1	-	2025
163	Patil R.N.; Maroor J.P.; Dhanke J.A.; Chunduru M.R.; Singh M.; Jangir P.; Upadhyay S.	Improving Smart Agriculture Through the Use of Machine Learning to Offer Tailored Crop Forecasts	Remote Sensing in Earth Systems Sciences	8	1	74-83	2025
164	Ramkumar G.; Khrais I.M.; Ahammed M.T.; Illavarason P.; Bino J.; Swetha K.	Advanced Deep Learning Approach for Breast Cancer Detection Using Ultrasound Images	2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking, QPAIN 2025			-	2025
165	Ambade V.; Rajurkar S.; Awari G.; Yelamasetti B.; Shelare S.	Influence of FDM process parameters on tensile strength of parts printed by PLA material	International Journal on Interactive Design and Manufacturing	19	1	573-584	2025
166	Cherukuvada S.; Chaitanya R.K.; Janardhan M.; Yara S.; Shareef S.K.K.; Harshini M.; Kocherla R.	A novel ensemble deep learning framework with spatial attention and high-order pooling for COPD detection	Discover Computing	28	1	-	2025

167	Nishitha P.; Gopi A.; Raju S.S.H.; Subhashini P.; Yaswanth N.; Ashwini A.	AI-Driven Biomedical Image Analysis: Advancements and Applications in Healthcare	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			1673-1678	2025
168	Bhargavi C.S.; Abdelhafiz Ali Samhan A.; Krishnamoorthik; Purnachandrarao C.; Shubangi J.; Gsvakumar B.	Experimental Evaluation of Vehicle Speed Detection System based on Intelligent Deep Learning Technique	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
169	Jeffrey J.A.; Govindraj S.; Mahesh R.; Bhaskar A.; Arunkumar K.; Joseph R.E.; Hariram V.; Punitharaj V.; Sarathipriyan S.	Influence of Fe2O3 Nanoparticle-infused Waste Cooking Oil Biodiesel on the Emission, Performance, and Combustion Aspects towards a Cleaner Environment	Journal of Environmental Nanotechnology	14	3	466-476	2025
170	Nidumolu E.C.P.; Yerra L.; Kanthi L.; Venkatesh T.; Rao K.V.R.	Design and evaluation of an aircraft wing utilizing composite materials	AIP Conference Proceedings	3342	1	-	2025
171	Lathigara A.; Danghi P.S.; Shivaji Deore S.; Vijetha T.; Swati; Subbarayudu J.	Intelligent Heart Disease Prediction System Using AI, IoMT, and Modified Particle Swarm Optimization	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
172	Mudhuganti M.R.; Kothakota V.K.; Talla P.K.	Mechanical characterization of Basalt and E-glass epoxy fiber laminates	AIP Conference Proceedings	3342	1	-	2025
173	Praveena Rachel Kamala S.; Odeh M.; Praveena M.; Manasa R.; Muralikrishna C.; Aravinda K.	Intelligent Obstacle Avoidance and Path Planning with V-Shape algorithm for Drones Using Feature-Enriched Deep Learning in Agriculture and Forest Application	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
174	Sivasakthivel R.; Rajagopal M.; Anitha G.; Loganathan K.; Abbas M.; Ksibi A.; Rao K.S.	Simulating online and offline tasks using hybrid cheetah optimization algorithm for patients affected by neurodegenerative diseases	Scientific Reports	15	1	-	2025
175	Karthikeyan G.; Basha S.R.; Al-Milli N.; Mendu M.P.; Vijetha T.; Harika D.	A Novel Methodology Design to Predict Unexpected Suggestions in E-Commerce through Artificial Intelligence (AI) based Collaborative Filtering	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
176	Adepu A.; Gayatri M.; Ramanjineyulu H.; Donthi R.K.; Prasad G.V.; Sowjanya P.	AI-driven physics-informed neural operators for predictive modelling of plasma turbulence in simulated fusion reactor environments	European Physical Journal Plus	140	11	-	2025
177	Rafi R.M.; Babu A.V.; Khafajeh H.; Kumar Ch.S.; Rajalakshmi B.; Sivakumar B.G.	An Efficient Collision Avoidance and Navigation Path Planning with Local Motion Planning in Autonomous Robots Using Deep Reinforcement Learning	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
178	Birudu S.; Madhu S.; Nagu C.S.R.; Ramachandran T.; Mishra N.K.	Adaptive neuro fuzzy inference system approach for medical decision making	AIP Conference Proceedings	3342	1	-	2025

179	Badashah S.J.; Ambikeswari N.; Velmurugan V.; Deshmukh G.R.; Dhanraj V.J.A.; Bhanuprakash L.; Vanitha	Nanostructured Materials for Next-Generation Sensors and Detectors	AIP Conference Proceedings	3300	1	-	2025
180	Yelamasetti B.; Aslesha C.L.; Sarathi T V.; Rajyalakshmi G.; Shelare S.; Sharma S.; Lozanovic J.; Ismail A.I.	stir welding for WC and Al2O3 based nano-particulates reinforced AA2014 and AA6061 alloys: Mechanical, weldability, corrosion, and microstructural morphological insights	Journal of Materials Research and Technology	35		4895-4909	2025
181	Mathariya S.K.; More A.; Jawalkar A.; Pradeep Kumar K.G.; Swapnalaxmi K.; Rani P.; Jain M.	Precise Scene Timestamping and Content Retrieval using AI-Powered Multimodal	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
182	Suman S.K.; Sahu P.; Khatkar M.; Haribabu K.; Poongodi S.; Durani H.	Stochastic Gradient Boosting for Robust Twitter Spam Detection: An Ensemble Learning Approach	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
183	Sabarish R.; Jenoris Muthiya S.; Anandan B.; Sathis Kumar D.; Manideep B.; Sekar P.; Elumalai P.V.	The Role and Impact of Al2O3 Additive on the Performance of the Diesel Engine Operated by JFO Along With Its Measures of Combustion and Emissions	Energy Science and Engineering	13	3	995-1010	2025
184	Pali H.S.; Sharma A.; Kumar M.; Annakodi V.A.; Nguyen V.N.; Singh N.K.; Singh Y.; Balasubramanian D.; Deepanraj B.; Truong T.H.; Nguyen P.Q.P.	characteristics of waste cooking oil biodiesel using TiO2 nanofluid blends through RSM” [Fuel 331(Part 1) (2023) 125681] (Fuel (2023) 331(P1), (S0016236122025108), (10.1016/j.fuel.2022.125681))	Fuel	391		-	2025
185	Chintalapudi R.; Reddy B.S.K.; Babu J.M.; Babu G.V.R.; Krishna C.M.	Thermal analysis of various disc brake profiles made up of composite material	AIP Conference Proceedings	3342	1	-	2025
186	Babu D.V.; Prasad G.S.; Al-Safarini M.Y.; Manideep B.; Reddy U.; Shankar S.V.	Resource Efficient Image Super-Resolution for FPGA- Based Optimized Deep Learning - An Innovative Target Detection Model	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
187	Nagu C.S.R.; Venkata S.M.; Polisetty S.R.C.; Narkedimilly L.; Akkam S.	A Naive Baye's approach to android mobile malware identification with low computational cost	AIP Conference Proceedings	3342	1	-	2025
188	Katari P.R.; Reddy S.P.; Pogula S.; Mahammad F.S.; Moorasani M.; Sri S.	Design and implementation of a socially assistive robot for enhancing health and well-being: A multi-domain approach to cognitive support and behavior change	AIP Conference Proceedings	3342	1	-	2025
189	Sunnam N.; Gopal S.; Gangireddygar C.M.R.; Babu V.V.P.; Saroja Y.; Chithra P.M.	Design and thermal analysis of radial engine piston using different materials	AIP Conference Proceedings	3342	1	-	2025
190	Varalakshmi S.; Shobitha R.R.; Shamreen Ahamed B.; Nisha M.; Alqawasm K.; Nishitha P.	Deep Learning-Based Beamforming and Resource Allocation Techniques: Enhancing Massive MIMO Performance in 5G Networks	2025 5th Asian Conference on Innovation in Technology, ASIANCON 2025			-	2025

191	Reddy A.V.G.; Bairavi B.; Kiran A.; Kumari D.S.D.; Preshiya D.J.; Prema S.	Computational Techniques for Detecting Figurative Language in English Prose Through Semantic Pattern Recognition Algorithms	International Conference on Intelligent Communication Networks and Computational Techniques, ICICNCT 2025			-	2025
192	Satyanarayana B.; Malyadri T.; Thotakuri M.	Development of remote controlled all terrain 6 wheeled rover for agricultural purpose	AIP Conference Proceedings	3342	1	-	2025
193	Sundeeep M.; Maddaiah K.C.; Kumar J.S.; Raju P.R.; Manasa B.L.; Rao G.A.	Mechanical analysis of hybrid composite laminated plates	AIP Conference Proceedings	3342	1	-	2025
194	Soni N.; Kasireddy L.C.; Theetchenya S.; Sinhgadiya C.; Kumar S.; Arulananth T.S.	A Recurrent Neural Network Framework for Effective DDoS Attack Detection in Cloud Computing	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			594-598	2025
195	Rao K.B.; Samara G.; Babu T.A.; Karthik N.; Chidambararaj N.; Swathi B.	Nanoparticle Assisted Early Treatment of Regional Skin Invasion Caused by Glioblastoma Multiforme Micro-Environment	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
196	Antony A.S.M.; Khrais I.M.; Vijayakumar K.; Keerthivasan D.; Siddarth E.C.; Sangeetha A.; Ahammed M.T.	Flood Region Segmentation from Digital Image with Deep Learning Scheme	2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking, QPAIN 2025			-	2025
197	Kumar H.; Agarwal A.; Kalenga M.K.W.; Prasad R.; Kumar P.; Chilakamarri L.A.; Yelamasetti B.	Fabrication of Cu/SiC Surface Composite via Thermo-Mechanical Process (Friction Stir Processing) for Heat Sink Application	Materials	18	5	-	2025
198	Saikumar K.; Siva D.; Srivalli D.; Basha S.S.; Kumar B.P.S.; Mehboodniya A.	Deep Learning Driven Heart Disease Prediction using ECG Signal Classification	Panamerican Mathematical Journal	35	2s	42-56	2025
199	vendoti S.; Sekhar A.H.; Bharadwaja A.V.; Kommula B.N.; Sateesh R.; Prabhakar S.; Arunkumar M.; Yaping C.	Grid connected improved sepic converter with intelligent mppt strategy for energy storage system in railway applications	Scientific Reports	15	1	-	2025
200	Rao S.V.R.K.; Palacherla V.; Raju K.C.N.; Parvateesam K.; Manikonda G.	Assessment of the development of the fully adjustable self-reconfigurable device for error-proof VLSI architecture	AIP Conference Proceedings	3342	1	-	2025
201	Shailaja M.; Sathesh N.; Thrimurthulu V.; Khan S.A.; Pachar S.; Faizal M.K.M.	Advanced Deep-Sea Robotics: Hybrid Graph Neural Networks and Reinforcement Learning for Enhanced Communication and Navigation	International Conference on Intelligent Communication Networks and Computational Techniques, ICICNCT 2025			-	2025
202	Gnanasekaran K.; Arunkumar K.; Rajesh M.; Saraçyakupoğlu T.; Loganathan P.; Vijayakumar R.; Ramprakash S.; Vijayabalan P.	Experimental investigation on mechanical and vibrational analysis of kevlar/jute fiber stacked titanium sheet-based metal fiber laminates	Journal of Polymer Research	32	9	-	2025

203	Kumar A.S.; Bharath Sreenivasulu V.; Sarangam K.; Ravi Sankar P.; Nishanth Rao K.	2D Material-Based FETs for Next Generation Integrated Circuits	Handbook of advanced semiconductor field effect transistors			199-215	2025
204	Kumar V.; K T C.; Jagini N.P.; Rajkumar K.V.; Godi R.K.; Tumuluru P.	Enhanced breast cancer detection and classification via CAMR-Gabor filters and LSTM: A deep Learning-Based method	Egyptian Informatics Journal	29		-	2025
205	Narasimharao J.; Babu C.M.; Monika A.; Shilpa S.; Gayathri B.; Manideep B.	An advanced convolutional neural network model technique for detecting and monitoring brain lesions	AIP Conference Proceedings	3342	1	-	2025
206	Vempati S.; Paolozzi A.; Thotakuri M.; Giampiero S.; Paris C.; Ciufolini I.	Thermo-mechanical analysis of LARES-2 satellite components	AIP Conference Proceedings	3263	1	-	2025
207	Vemulawada M.; Dinka M.O.; Agarwal A.; Ilunga M.; Yelamsetti B.; K S.V.; P N.K.	Study and Analysis of Corrosion Rate, Hot Tensile Properties, and Metallurgical Changes of SS2507 and AISI 316 Dissimilar Weldments	Processes	13	1	-	2025
208	Jagadevapuram L.P.; Pampana S.K.; Banothu D.; Jayabalan K.	Integrating additive manufacturing and reverse engineering in product development	AIP Conference Proceedings	3342	1	-	2025
209	Rajanna B.V.; Krishnaiah K.R.; Ramaiah V.; Ahammad S.H.; Najumunnisa M.; Inthiyaz S.; Kolkula N.R.; Sudhakar A.	A high-efficiency transformerless buck-boost inverter with fuzzy logic control for grid-connected solar PV systems	Bulletin of Electrical Engineering and Informatics	14	6	4304-4315	2025
210	Kalpna Chowdary M.; Gopatoti A.; Ferlin Deva Shahila D.; Chaturvedi A.; Talasila V.; Konda Babu A.	Entertainment robots for automatic detection and mitigation of cognitive impairment in elderly populations	Entertainment Computing	52		-	2025
211	Syamala M.; Srivastava D.; Khandekar S.D.; Porselvi T.; Patan M.K.; Balaram A.; Kumaran S.	Construction of g-C <sub>3</sub> N <sub>4</sub> anchored Cu-ZnS hybrid nanostructures for sustainable energy storage and environmental remediation	Research on Chemical Intermediates	51	10	5479-5508	2025
212	Bhavya Sri K.; Bhagyasri T.; Gorja D.R.; Sri Ranjani C.A.; Sandhya P.	Estimation of Added Urea in the Food Products and Marketed Formulation using 1, 2-Napthoquinone-4-Sulphonate Reagent by UV-Visible Spectrophotometer	International Journal of Drug Delivery Technology	15	2	600-604	2025
213	Tabassum F.; Poosan M.; Prasad J.S.V.R.K.	Mathematical Modelling of an Oscillatory Flow in an Elastic Tube with Suction/Injection	Mathematical Modelling of Engineering Problems	12	1	295-308	2025
214	Chanda S.; Saha S.; Sen S.	Benchmark computations of nearly degenerate singlet and triplet states of N-heterocyclic chromophores. II. Density-based methods	Journal of Chemical Physics	162	2	-	2025

215	Madhukar G.; Ramu P.; Virajitha T.; Jyothi N.; Lanage R.; Saikumar A.	An effective and safe method for estimating depth and segmenting pixels in self-driving automobiles	AIP Conference Proceedings	3342	1	-	2025
216	Devi A.; Singh N.; Thandra N.; Gupta N.; Salman Z.N.; Natarajan K.	AI and IoT-Enabled Smart Urban Waste Management System for Efficient Collection, Segregation, and Disposal	E3S Web of Conferences	619		-	2025
217	Parvathi S.; Solmon P.; Raju S.S.H.; Uma Y.; Srinivas S.; Shanker P.	A Next-Generation Decentralized Web Hosting System using Blockchain and IPFS	Proceedings of International Conference on Modern Sustainable Systems, CMSS 2025			1122-1128	2025
218	Arulanantham D.; Ragini Y.P.; Samara G.; Anandhi R.J.; Kumar J.S.; Vani N.	Reliable and Systematic Diabetes Prediction Based on Health Indicators using Machine Learning Algorithm	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
219	Vaishnavi T.; Al-Safarini M.Y.; Nalini N.; Stalin T.; Laxmi; Dinesh M.	Advanced IoT-Integrated Child Safety Framework using Predictive Geo-Behavioral Algorithm and Real-Time Virtual Safety Mesh	Proceedings of the 6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025			652-658	2025
220	Palacherla V.; Kilari J.; Chaduvula G.; Dantuluri N.; Bathini N.G.	Employing ANN to classify and evaluate plant leaf disease detection effectiveness in order to increase accuracy	AIP Conference Proceedings	3342	1	-	2025
221	Srinivas J.; Raju C.V.V.N.; Sasikala C.; Bhaskar P.; Panyala A.R.; Priya D.	Cloud Computing Network in Remote Sensing-Based Climate Detection Using Machine Learning Algorithms	Remote Sensing in Earth Systems Sciences	8	2	400-408	2025
222	Ramadevi R.; Bhargava Ramu T.; Reddy E.G.; Padmapriya D.; Jehan C.; Ganesh Babu T.R.	Deep Belief Networks for Multi-Class Brain Tumor Classification with Improved Diagnostic Accuracy	Journal of Innovative Image Processing	7	1	97-118	2025
223	Ramalingam K.; Abdullah Mohd.Z.; Elumalai P.V.; Sangeetha A.; Yong X.; Hasan N.; Shangzhi W.	An assessment of optimizing biofuel yield percentage using K-fold integrated machine learning models for a sustainable future	PLOS ONE	20	08-Aug	-	2025
224	Kalaivani A.; Kavitha P.; Dhivya G.; Aruna D.; Thulasi T.; Yong X.; Chan C.K.; Rani P.	Enhancing IoT-based healthcare security with grey filter bayesian CNN and optimization algorithms	Scientific Reports	15	1	-	2025
225	Chiranjeevi M.; Elrashidi A.; Krishnamoorthi K.; Rambabu N.; Adilakshmi J.; Durgadevi G.	An Automated Brain Stroke Detection using Computed Tomography Images based on Hybrid Deep Learning Technique	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
226	Prasad K.S.; Deepak A.; Hrushikesh B.; Mokshitha K.; Krishna K.S.; Obulesu D.	Chat - Conjunctival Hemoglobin Assessment Tool	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			1004-1011	2025

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228	Venkatesan K.K.; Raj S.; Shukla P.K.; Arulananth T.S.; Bhatt N.; Sridhar R.	EEG-Based Detection of Alcoholic Status with Heuristic Classification Techniques	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
229	Sundeeep M.; Maddaiah K.C.; Kumar J.S.; Pooturi R.R.; Jayabalan K.; Kanthi L.	Bending analysis of FG-CNT reinforced polymer composite plates under uniformly distributed load using HSDT	AIP Conference Proceedings	3342	1	-	2025
230	Krishna E.S.P.; Sandeep D.; Kocherla R.; Lella K.K.; Molugu S.; Ibrahim S.H.S.; Vatambeti R.	Enhancing intrusion detection in MANETs with blockchain-based trust management and enhanced GRU model	Peer-to-Peer Networking and Applications	18	1	1-22	2025
231	Sivakrishna K.; Swathi P.; Lakshmi T.; Lakshmi M.N.; Obulesu D.; Rani S.S.	NLP-Driven Image Label Extraction from Radiology Reports: A Review	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			987-991	2025
232	Balakrishnan S.; Senbagavalli M.; Manikandan M.; Sumathi D.; Ravi N.; Shabaz M.	AI-Driven Edge Cloud Collaboration Framework With Autonomous Resource Allocation for Standardized 6G Healthcare Networks	IEEE Communications Standards Magazine			-	2025
233	Narasimharao J.; Kumar V.P.; Rao S.J.; Praveena G.L.; Yadav O.V.; Sravanthi G.	Development of machine learning methods on crop prediction analysis for plant disease identification and soil fertility	AIP Conference Proceedings	3342	1	-	2025
234	Arulananth T.S.; Mahalakshmi M.; Karovic V.; Babu J.C.; Kumar N.S.; Kumar A.H.	Enhancing remote sensing image fusion with deep learning attention fusion residual approach	Discover Applied Sciences	7	5	-	2025
235	Kumar A.S.; Sarangam K.; Ravi Sankar P.; Nishanth Rao K.; Gaidhani Y.	A Novel Low-Power Approach of 8-Bit Vedic Multiplier Using Reversible Logic Gates	Handbook of advanced semiconductor field effect transistors			305-322	2025
236	Yogi R.; Sireesha V.; Ashok G.; Tanna P.; Srinija K.; Ramasamy M.	Smart Agriculture Framework with IoT-Cloud Integration for Efficient Crop Disease Diagnosis	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
237	Peyyala P.K.; Baddepudi M.; Babu R.T.S.; Chakra S.S.	Experimental investigation on the tensile properties of natural fiber reinforced polymer composite	AIP Conference Proceedings	3342	1	-	2025
238	Nagar M.; Sholapurapu P.K.; Kaur D.P.; Lathigara A.; Amulya D.; Panda R.S.	A Hybrid Machine Learning Framework for Cognitive Load Detection Using Single Lead EEG, CiSSA and Nature-Inspired Feature Selection	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025

239	Soundarya M.K.; Logeshkumar A.; Chakravarthy P.R.K.; Elumalai P.V.; Baskar S.; Reddy J.A.; Prabhakar S.; Yu L.	An investigation study on residential buildings for cost overrun	Scientific Reports	15	1	-	2025
240	Koduru G.K.; Thimmaraju P.K.; Munugapati B.; Gondi K.R.; Esanakula J.R.; Raju G.V.S.	Advancements in composite materials: Innovations and applications in modern engineering	AIP Conference Proceedings	3342	1	-	2025
241	Sampathkumar S.; Al-Safarini M.Y.; Rama M.; Rao S.K.; Sravanthi; Chandrashekar R.	Embedded system scheduling for Prediabetes Detection Using a Wearable AI Sensing System	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
242	Bavirithi S.S.; Manikandan M.; Rajagopal M.; Leelavathy S.; Rao K.S.	Fuzzy Computational Intelligence in Personalized Medicine and Diagnosis	Fuzzy Information and Engineering	17	4	472-483	2025
243	Anil Kumar M.G.; Karthiga M.; Raj S.; Tanna P.; Pithamber K.; Madhavi N.	Real-Time Pneumonia Diagnosis Using Feature Extraction and Edge Computing with MAX78000	2025 IEEE Madhya Pradesh Section Conference, MPCON 2025			1036-1041	2025
244	Navya S.; Bharati P.S.; Raju S.S.H.; Anil Kumar G.; Kumar J.S.; Yaswanth N.	AI in Blockchain Security: Detecting Anomalies in Smart Contracts	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			126-135	2025
245	Srinivas J.; Rebecca B.; Bhargavi K.N.; Swetha V.R.; Spandana S.; Degala D.P.	Climate Geoscience-Based Disaster Management in Healthcare Analysis by Markov Q-Transfer Adversarial with Cloud Computing	Remote Sensing in Earth Systems Sciences	8	2	474-483	2025
246	Balaram A.; Victoria Jancee B.; Roy M.; Kapila D.	and Robust Performance Using an Enhanced Modulation Identification in MIMO Systems via Diffusion Kernel Attention Network With Green Anaconda Optimization	International Journal of Communication Systems	38	12	-	2025
247	Prakash S.W.; Kiruthiga R.; Yadav A.K.; Kanna S.K.R.; Shaik K.; Krishna B.M.	Public Decision-Making Analysis in Urban Heat Islands Based on Socioeconomic Modelling by Deep Learning Techniques	Remote Sensing in Earth Systems Sciences	8	1	108-117	2025
248	Natteshan N.V.S.; Kanan M.; Kvb1 D.; Kumar S.N.; Dinesh M.; Balasubramaniyan R.	Enhancement of 5G's Aerial Coverage with Unmanned Aerial Vehicles (UAVs): Apply AI-Based Path Planning and Interference Mitigation	2025 5th Asian Conference on Innovation in Technology, ASIANCON 2025			-	2025
249	Thatha V.N.; Karthik M.G.; Gaddam V.G.; Krishna D.P.; Venkataramana S.; Lella K.K.; Pamula U.	Histopathological image based breast cancer diagnosis using deep learning and bio inspired optimization	Scientific Reports	15	1	-	2025
250	Rayudu K.M.; Shabanabegum S.K.; Samhan A.A.A.; Karthik N.; Raj V.H.; Sudha G.	A Fusion Framework for Climate and Sensor Failure Detection for Clusters-based Air Traffic Flow Management	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025

251	Rao M.S.; Prasad T.; Nayeem S.; Kedaranath M.; Gupta M.S.	Assessment of fabrication techniques and the evaluation of mechanical properties of Al-7075 composites reinforced by SiC and graphite	AIP Conference Proceedings	3342	1	-	2025
252	Jagannathan M.; Yohan R.K.; Cho S.	Facile synthesis of transparent carbon nitride as an adsorbent for rhodamine 6G	Materials Letters	389		-	2025
253	Bhatt N.; Goswami S.; Parvathy K.; Swati; Srivalli D.; Singh S.	Lightweight Deep Learning Model for Breast Cancer Malignancy Prediction Using CNN on Embedded Edge Devices	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
254	Yohan R.K.; Jagannathan M.; Sivalingam G.	The role of emerging photoactive nanostructures in electrochemical sensor construction: Synthesis, properties, challenges, and perspectives	Journal of Industrial and Engineering Chemistry	145		234-254	2025
255	Priyam A.; Kulkarni V.; Kumar C.H.S.	A short survey on wavy fins applicable for air cooled engines	AIP Conference Proceedings	3342	1	-	2025
256	Gummadi A.R.; Mallepally V.R.	Mechanical behavior and tribological characteristic of aluminum composite reinforced with graphene and zirconia particles	AIP Conference Proceedings	3342	1	-	2025
257	Babu B.R.; Rajesh V.; Rajanna B.V.; Ahammad S.H.	Brain tumor classification using PCA-NGIST features with an enhanced RELM classifier	Bulletin of Electrical Engineering and Informatics	14	6	4482-4494	2025
258	Babu G.J.S.; Baskar M.; Reddy P.A.; Sampath R.; Lokesh K.; Rajender G.	Advances in additive manufacturing: Exploring the potential of 3D printing in complex material fabrication	AIP Conference Proceedings	3342	1	-	2025
259	Kodi R.T.; Koujalagi A.; Sangameswar M.V.; Chandra P.S.R.; Reddy G.C.M.	Network traffic organizing system to improve security for system efficiency while providing quality of service	AIP Conference Proceedings	3342	1	-	2025
260	Vemuri V.P.B.; Gonal Basavaraja V.K.; Chinthalapudi R.; Pappula B.	Advanced process parameter optimization for dimensional accuracy in SS 316L 3D printing using response surface methodology	Materials Research Express	12	5	-	2025
261	Sivakrishna K.; Bindusri G.; Deshik P.; Priya P.L.; Srujan P.; Reddy D.B.	Spatiotemporal Modeling of Thunderstorm Events in Telangana Using CNN-RNN Architectures	2025 IEEE International Conference on Next-Gen Technologies of Artificial Intelligence and Geoscience Remote Sensing, EarthSense 2025			-	2025
262	Yelamasetti B.; Sushma S.P.; Mohammed Z.; Altammar H.; Khan M.F.; Moinuddin S.Q.	Synergistic Effects of Thermal Cycles and Residual Stress on Microstructural Evolution and Mechanical Properties in Monel 400 and AISI 316L Weld Joints	Metals	15	5	-	2025

263	Mohammed Azarudeen J.; Mariadhas A.; Jayaraman J.; Yashashwini S.; Anand A.V.; Muniyappan K.; Bahl A.; Kanan M.; Muraliraja R.; Ramanathan V.	Performance optimization of CI engine using python with blends of waste oil biodiesel, plastic pyrolysis oil, and diesel	Results in Chemistry	18		-	2025
264	Jayanth H.; Sulaiman S.K.; Al-Assal J.R.R.; Kiran A.; Kotteswaran D.; Saravanakumar R.	Optimized Insurance Sales Predictions with SaleNet-CG Powered by CNN-GRU Hybrid Framework	3rd IEEE International Conference on Data Science and Network Security, ICDSNS 2025			-	2025
265	Rana A.	Electroosmosis-modulated Darcy–Brinkman flow in sinusoidal microfluidic pipe: an analytical approach	International Journal of Numerical Methods for Heat and Fluid Flow	35	1	47-65	2025
266	Madhuri J.V.; Swamy B.V.; Sudha M.; Gajula R.K.; Reddy P.V.V.; Saha A.	Synergetic Effect of Fe Decorated Mn2O3 Support in Application of Aerobic Benzyl Alcohol Oxidation Reaction	Catalysis Surveys from Asia	29	4	323-335	2025
267	Mynepalli S.S.; Nataru A.; Manukonda R.S.; Ajmeera K.; Madiraju H.K.; Vakkalanka V.S.	Exploring the relationship between microstructure and mechanical properties in advanced materials	AIP Conference Proceedings	3342	1	-	2025
268	Kumar H.; Prasad R.; Kumar P.	Enhancement of strength and ductility of aluminum-silicon alloy by FSP	AIP Conference Proceedings	3342	1	-	2025
269	Mugachintala D.K.; Gundala M.R.; Giri K.N.M.; Kuncham V.R.R.; Selika N.R.	Space vector hysteresis current controller for STATCOM in wind energy system	AIP Conference Proceedings	3342	1	-	2025
270	Keerthika V.; Mekala B.; Karumudi M.; Saeed H.; Sahu D.; Sree P.J.	An Intelligent Decision Support Architecture for Clinical Environment based on Artificial Intelligence	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			620-627	2025
271	Roja G.; Spandana B.; Divya N.; Anusha R.; Pushpa Rani K.	PCOS Detection Using CNN and ML Algorithms	Lecture Notes in Electrical Engineering	1274 LNEE		1128-1136	2025
272	Kalyani G.; Priyanka C.; Samhan A.A.A.; Prasad D.; Harshini M.; Kanchana R.	CGNOS: A Deep Learning enabled Chronic Kidney Disease Detection based on Convolutional Gene Network Optimization Strategy	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025
273	Jyothula S.K.; Kunkumapogu C.M.; Jyothula S.K.; Pooturi R.R.; Birada L.M.; Manikandan N.	Optimization of NACA 2412 airfoil using camper morphing method	AIP Conference Proceedings	3342	1	-	2025
274	Bokka R.; Thiagarajan; Suganya; Priyadarshini D S.; Senthilkumar	Integrating deep reinforcement learning with predictive maintenance algorithms or optimized mechanical system performance	AIP Conference Proceedings	3342	1	-	2025

275	Peneti S.; Shanthy S.; Supraja T.; Mahalakshmi M.; Kuppusamy P.G.; Manikandan K.; Arulananth T.S.	Machine Learning-Driven Cryptography Automating the Design of Robust Encryption Algorithms	Communications on Applied Nonlinear Analysis	32	3	363-371	2025
276	Ponnuru S.; Swati; Rajkumar K.; Arulananth T.S.; Bhatt N.; Raja M.	Automated Detection of Alcoholic Status from EEG Samples with Model-Based Classification Approaches	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
277	Das P.; Pratyusha N.; Mandal S.; Sanyal M.	Synaptic coupling and synchronization for HR neural network developing a novel type II non-linear memristor, potential to neuromorphic application	European Physical Journal: Special Topics	234	15	3719-3744	2025
278	Andra S.; Hemamalini T.; Umamaheswari R.; Yohan R.K.; Mohan S.; Balu S.K.	Experimental and Computational Insights into the MXene-Based Nanocomposite Systems for Enhanced Fuel Cell Applications	Handbook of 2D Materials for a Sustainable Future: Volume Two	2		386-420	2025
279	Kamesh D.B.K.; Arunachalam K.P.; Verma A.; Kumar J.R.R.	REQDGAN-TUA: A Reflection Equivariant Quantum Graph Attention Framework With Tactical Unit Optimization for Intelligent Fault Diagnosis in Industrial Robotics	Journal of Field Robotics			-	2025
280	Upadhyay S.; Indumathi N.; Balamurugan M.; Kumar B.; Mandal S.; Prakash S.	Enhancing Agricultural Decision-Making Using Machine Learning: Variety Selection and Yield Prediction for Agriculture Culture Improvement	Communications in Computer and Information Science	2549 CCIS		141-152	2025
281	Chinnasamy P.; Dhatrika V.; Bhyrapuneni S.; Kiran A.; Anandkumar B.; Manikandan R.	BlockCertify: On the design and implementation of a secure verification and validation of educational certificates using blockchain technology	AIP Conference Proceedings	3300	1	-	2025
282	Shunmugesh K.; Muhammed A.K.; Joseph J.; Yelamasetti B.; Vemanaboina H.; Paramasivam P.	Investigating the performance and emission characteristics of sunflower biodiesel blends with n-butyl and isopropyl alcohol additives	AIP Advances	15	1	-	2025
283	Kishore D.R.; Kavya B.; Prasad K.S.; Sri K.A.; Gottipati V.R.	Random forest algorithm based fault detection for dual circuit untransposed transmission line	AIP Conference Proceedings	3342	1	-	2025
284	Chiranjeevi T.; Ganesh Pardhu B.S.S.; Babu N.R.; Das S.; AboRas K.M.; Mbasso W.F.; Sunitha P.; Ramesh A.; Jangir P.; Khishe M.	Impact of HVDC link and electric vehicle on multi-area power system using MOA optimized I-TD2N controller	Results in Engineering	25		-	2025
285	Dimlo U.M.F.; Meenu; Varma P.; Bhatt N.; Ravi N.; Tiwari R.	Secured Data Transmission in WSN Using Hybrid Pareto Optimality-Based Lion Swarm Optimization and AES Algorithm	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
286	Govindarajan R.; Haritha M.; Sabri M.O.; Priyanka B.; Mrudula T.; Revathi V.	Optimal Deep Learning Model and Non-linear Features Extraction with Classification for Innovative Brain-Computer Interaction Using EEG Signals	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025

287	Sowmya G.; Sridevi R.; Sadasiva Rao K.S.	Patient-centered healthcare: Blockchain and data transparency	Driving Socio-Economic Growth With AI and Blockchain			537-554	2025
288	Shravan M.; Prasad A.; Srinija K.; Manasa D.; Yadagiri K.; Dhanraj J.A.	AI-Powered Blockchain Security: Deep Learning for Bitcoin Anomaly Detection and IoT Device Protection	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
289	Sandeep D.; Baranitharan K.; Padmavathi A.; Gunganathan L.	Enhanced retinal blood vessel segmentation via loss balancing in dense generative adversarial networks with quick attention mechanisms	International Ophthalmology	45	1	-	2025
290	Venkateswarlu B.; Amir M.K.; Raivel R.; Murali G.; Sateesh R.; Al Deen S.H.R.	Low-Power Redundant-Transition-Free TSPC Dual-Edge-Triggered Flip-Flop with Single-Transistor Clocked Buffer	Proceedings of International Conference on Applied Innovation in IT	13	3	43-53	2025
291	Satyanarayan S.; Babu C.M.; Prasad K.R.; Reddy G.A.; Priya G.B.; Mishra N.K.	A successful cross-platform credibility generation system that uses aspect-based sentiment analysis	AIP Conference Proceedings	3342	1	-	2025
292	Sowmya G.; Sridevi R.; Sadasiva Rao K.S.	Securing patient data with blockchain: Enhancing privacy and integrity	Driving Socio-Economic Growth With AI and Blockchain			519-536	2025
293	Nagarajan L.; Pillai H.P.J.S.; Christiana M.B.V.; Velmurugan V.; Mageshwari P.S.L.; Kumar M.J.; Kumar P.P.	Nanotechnology in environmental remediation: Challenges and solutions	AIP Conference Proceedings	3300	1	-	2025
294	Rajagopal M.; Sivasakthivel R.; Anitha G.; Arunachalam K.P.; Loganathan K.; Abbas M.; Kalathil S.; Rao K.S.	An efficient intelligent transportation system for traffic flow prediction using meta-temporal hyperbolic quantum graph neural networks	Scientific Reports	15	1	-	2025
295	Rani L.S.; Sreedevi P.; Aswani D.; Rao K.V.P.; Dastagiriah C.; Rani K.P.	Ensemble Learning-Based Mental Analysis and Prediction of Mental Disorder	2025 International Conference on Sustainability, Innovation and Technology, ICSIT 2025			-	2025
296	Rebecca B.; Sandhya A.; Pokkuluri K.S.; Kanishka G.; Shaik K.; Krishna B.M.	Marine Life Ecosystem Analysis Based on Climate Change Detection Using Deep Learning Algorithms	Remote Sensing in Earth Systems Sciences	8	2	545-554	2025
297	Karar M.; Pal A.; Dey N.	Designing smart tunable molecular logic systems: A unified approach on unimolecular platform of anthraimidazolidione	Inorganica Chimica Acta	587		-	2025
298	Thomas A.K.; Sharma R.; Swati; Seva B.; Tanna P.; Swathi M.	Angle-Based Routing and Path-Aware Clustering for Energy Efficiency in Cluster-Based WSN	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025

299	Satyanarayana M.V.N.V.; Ravi S.K.; Uppada S.; Arun Kumar B.V.S.; Venkatesh Janaki D.; Kantheti P.; Arun Kumar K.	Effect of cryo-rolling process on the microstructure, texture evolution, and wear behavior of Al-4.5%Cu alloy	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture				-	2025
300	Srinivasan D.; Kiran A.; Parameswari S.; Vellaichamy J.	Energy efficient hierarchical clustering based dynamic data fusion algorithm for wireless sensor networks in smart agriculture	Scientific Reports	15	1		-	2025
301	Kishore D.R.; Santhoshi B.K.; Gowthami K.; Sravani K.; Sundeeep M.	Grey wolf optimization based photovoltaic power generation forecasting for smart grids	AIP Conference Proceedings	3342	1		-	2025
302	Kiran A.; Kumar H.; Sivanandam S.; Senthilvel P.G.; Lalitha R.V.S.; Preetham Reddy C.S.	Explainable AI in thermal modelling enhancing precision in thermal gradient monitoring for additive manufacturing using LSTM networks	Thermal Science and Engineering Progress	60			-	2025
303	Babu G.J.S.; Baskar M.; Reddy P.A.; Sampath R.; Lokesh K.; Madiraju H.K.	Optimization strategies in 3D printing: Enhancing precision and material efficiency in additive manufacturing	AIP Conference Proceedings	3342	1		-	2025
304	Ramanjaneya A.; Vempalle K.Y.; Allamraju S.R.	Comparative and performance analysis of PEM fuel cell with hybrid PSO-ANFIS-based MPPT for EV applications	AIP Conference Proceedings	3342	1		-	2025
305	Rani P.R.S.; Eragamreddy G.; Inthiyaz S.; Ravikanth S.; Najumunnisa M.; Rajanna B.V.; Kumar C.A.; Ahammad S.H.	Design and development of AC motor speed controlling system using touch screen with over heat protection	International Journal of Power Electronics and Drive Systems	16	4		2429-2440	2025
306	Venkata Krishna Reddy M.; Raghavendar Raju L.; Sai Prasad K.; Kumari D.D.A.; Veerabhadram V.; Yamsani N.	Enhanced effective convolutional attention network with squeeze-and-excitation inception module for multi-label clinical document classification	Scientific Reports	15	1		-	2025
307	Poornima P.U.; Shahnaz K.V.; Rajkumar K.; Maniraj K.; Singh S.K.; Tanna P.	Optimizing Wireless Recharge Efficiency with Broadcasting Particle Swarm Optimization	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025				-	2025
308	Vemuri N.; Chaleendra U.R.; Borra D.P.K.; Gasiganti V.	Enhancing access control in cloud storage through sanitizable access control system	AIP Conference Proceedings	3342	1		-	2025
309	Konduru S.; Kumar G.V.S.S.S.; Amnehalamleh; Purushotham S.; Gangadharolla R.; Nirmala P.	NGOCL: A Robust Design of Vitamin Deficiency Identification Methodology using Neural Gene Optimization and Classification Logic	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025				-	2025
310	Dwivedi A.; Agrawal P.; Bhatt N.; Shukla P.K.; Kiran Kumar Reddy A.; Panda R.S.	An Influence-Centric Approach to Information Propagation and Community Formation in Social Networks	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025				-	2025

311	Siva Prasad K.; Nagaraju S.; Chiranjeeva Rao S.; Boni M.	Experimental investigation on dynamic wireless charging system for electric vehicles using different shape coils	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	47	1	593-606	2025
312	Aljaidi M.; Ramesh J.V.N.; Kiran A.; Jangir P.; Arpita; Pandya S.B.; Fendzi Mbasso W.; Abualigah L.; Alkoradees A.F.; Khishe M.	MaOSSA: A new high-efficiency many-objective salp swarm algorithm with information feedback mechanism for industrial engineering problems	Results in Engineering	25		-	2025
313	Raji G.; Subbaraidu S.; Swapna K.; Pravallika C.; Lakshmi P.A.; Prasad A.; Mahamuda S.; Venkateswarulu M.; Rao A.S.	The role of PbO on the optical and radiation shielding characteristics of Eu <sup>3+</sup> ions doped B <sub>2</sub> O <sub>3</sub> + As <sub>2</sub> O <sub>3</sub> + Sb <sub>2</sub> O <sub>3</sub> + Al <sub>2</sub> O <sub>3</sub> + PbO glasses	Applied Physics A: Materials Science and Processing	131	1	-	2025
314	Kurikala V.; Manda V.K.	Mapping the impact of Artificial Intelligence on management studies	Practical Frameworks for New-Age Digitalization Business Strategy			343-380	2025
315	Gomathi P.S.; Prasad S.V.S.; Shalout I.; Sunheriya N.; Karthikeyan G.; Nishanthi K.S.	Developing Li-Fi Technology: Fast Data Transfer by Visible Light for Internet of Things and Smart City Uses	2025 International Conference on Smart and Sustainable Technology, INCSST 2025			-	2025
316	Murali G.; Emeema J.; Reddi B.V.; Masthan Vali P.S.N.; Elumalai P.V.; Murugan M.; Alwetaishi M.; Ramu T.B.; Prabhakar S.	Study of thermal performance and melting behaviour of a novel paraffin wax-carbon quantum Dots PCMs	Scientific Reports	15	1	-	2025
317	Singh R.; Radhika Devi V.; Lenka T.R.; Choudhary R.; Singh P.; Srivastava A.; Agarwal P.; Crupi G.	Polarization-Induced Versus Delta-Doped $\beta$ -Ga <sub>2</sub> O <sub>3</sub> HEMTs—A Performance Comparison	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	38	4	-	2025
318	Krishna E.S.P.; Ramu T.B.; Chaitanya R.K.; Ram M.S.; Balayesu N.; Gandikota H.P.; Jagadesh B.N.	Enhancing E-commerce recommendations with sentiment analysis using MLA-EDTCNet and collaborative filtering	Scientific Reports	15	1	-	2025
319	Tirumanadham N.S.K.M.K.; Thaiyalnayaki S.; Nirupa V.; Madhavi M.; Anusha P.V.; Kumar V.S.P.; Shariff V.	BOOSTING STUDENT PERFORMANCE PREDICTION IN E-LEARNING: A HYBRID FEATURE SELECTION AND MULTI-TIER ENSEMBLE MODELLING FRAMEWORK WITH FEDERATED LEARNING	Journal of Theoretical and Applied Information Technology	103	5	2090-2107	2025
320	Pastariya R.; Venkatesan K.K.; Saraswat A.; Lathigara A.; Rani N.B.; Raja M.	Advanced Epilepsy Severity Analysis and Diagnosis via EEG Signal Classification Using Modified LeNet-CNN	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
321	Kukkala V.R.; Bhargavi K.; Ramadevi Y.; Sravan P.; Gudimilla P.; Sireesha N.	DDoSAE: a novel deep autoencoder framework for low-rate DDoS attack detection	European Physical Journal Plus	140	12	-	2025
322	Chohan J.S.; Babu K.S.; Pattanaik A.; Jayaprabakar J.; Rao A.C.U.; Gill H.S.; Senapati P.; Bisht Y.S.; Abate L.	Hard Machining of Inconel 690 Using Minimum Quantity Nanoparticle-Enriched Vegetable Oils: A Sustainable Approach	Engineering Reports	7	10	-	2025

323	Kumar P.; Sharma J.; Kumar R.; Najser J.; Frantik J.; Manuja A.; Sunnam N.; Praveenkumar S.	Advances in bioink-based 3D printed scaffolds: optimizing biocompatibility and mechanical properties for bone regeneration	Biomaterials Science	13	10	2556-2579	2025
324	Jeyakani P.; Samara G.; Illavarason P.; Gangadharolla R.; Sree M.S.T.; Reddy T.V.	Automatic Analysis of Blood Cell Images for Malaria Detection with Fused Deep Features	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
325	Raj V.H.; Reddy R.A.; Singh N.; Gupta N.; Al-Rubaye T.M.K.; Agrawal P.	Optimizing Distributed Generation and Energy Storage in Microgrids through Intelligent Energy Administration Strategies	E3S Web of Conferences	616		-	2025
326	Sawan V.; Gangrade A.; Bhagyalakshmi L.; Gandhi T.; Bhatt N.; Panda R.S.	Enhanced Sleep Stage Classification Using Time-Frequency CWT Images and Fine-Tuned Pretrained CNN Models	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025			646-651	2025
327	Ramalingam K.; Abdullah M.Z.; Elumalai P.V.; Vellaiyan S.; Muralikrishna C.; Jin Z.; Hasan N.	Artificial neural network based optimization of engine performance using domestic biomass as a clean fuel	Scientific Reports	15	1	-	2025
328	Karthik N.; Kallakunta R.K.; Cheerla S.; Mohan K.K.; Inthiyaz S.; Prakash N.N.; Rajanna B.V.; Ahammad S.H.	Solar-powered bidirectional charging of electric vehicle	International Journal of Applied Power Engineering	14	2	382-391	2025
329	Arulananth T.S.; Kanakaraju R.; Deepa T.; Dakshayini L.; Vaishnavi V.S.; Manjuantha M.R.; Manikandan K.; Kavitha S.	Energy-Efficient IoT Networks: Optimizing Resource Management through Machine Learning	Communications on Applied Nonlinear Analysis	32	1s	302-313	2025
330	Kasirajan P.; Mariappan A.; Ganesh Babu S.; Thirumurugan A.; Sandoval-Hevia G.; Radhika Devi V.; Dharman R.K.; Oh T.H.; Lo H.-M.	Visible-light-induced photodegradation of ibuprofen catalyzed by Gd <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> /rGO@g-C <sub>3</sub> N <sub>4</sub> heterojunction: Operation, mechanism, and degradation pathway	Ceramics International	51	27	55563-55574	2025
331	Narkedimilly L.; Nagu C.S.R.; Bangaru S.; Venkata S.M.; Grandhimala S.	A novel identification and categorization of weld defects in digitized X-ray image	AIP Conference Proceedings	3342	1	-	2025
332	Ramgopal N.C.; Roy N.; El-marghany A.; Alhammadi S.; Sreedevi G.; Arla S.K.; Merum D.; Joo S.W.	Enhancing photo electrocatalytic water splitting efficiency using Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> @Ni(OH) <sub>2</sub> composite with flower-like morphology	Ceramics International	51	4	4388-4399	2025
333	Ramkumar G.; Rama M.; Lakshmi S.G.; Awwad H.; Manogna D.	Federated Learning Framework for Privacy-Preserving Crop Disease Detection Across Distributed Farms	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025			1276-1281	2025
334	Reddy G.C.M.; Krishna V.S.; Hussain S.; Bridjesh P.	Comparative Investigation of Deflection in a Two-directional Functionally Graded Porous Curved and Straight Beams Adapting Unified Shear Deformation Theory	Journal of Computational Applied Mechanics	56	1	145-161	2025

335	Jai Rajesh P.; Ganesan S.; Varunraj S.; Arulmurugan M.; Ramu B.; Chan C.K.; Yonge X.; Hong K.	Enhancing Electric Vehicle Charging with RFID-Based Wireless Power Transfer System	International Journal of Vehicle Structures and Systems	17	3	367-375	2025
336	Aparna S.V.S.; Subramaniam D.K.; Shruthi G.; Usha R.; Moulika; Goud B.N.	A novel method on deep learning models for time series data analysis and traffic flow prediction	AIP Conference Proceedings	3342	1	-	2025
337	Sirisha N.; Revathi V.; Albawi A.; Gupta N.; Singh N.; Krishnamoorthy M.	AI-Driven Predictive Health Monitoring and Early Warning Systems for Enhanced Soldier Safety in IoT-Enabled Wearable Devices	E3S Web of Conferences	619		-	2025
338	Eswaramoorthi S.; Nasir S.; Loganathan K.; Gupta M.S.; Berrouk A.	Numerical simulation of rotating flow of CNT nanofluids with thermal radiation, ohmic heating, and autocatalytic chemical reactions	Alexandria Engineering Journal	113		535-550	2025
339	Koduri V.; Srinivasan D.; Parameswari S.; Kiran A.; Majeed J.H.; Mahdi S.A.; Alhayaly B.H.	SmartCityPredict: An AI and Machine Learning Framework for Enhancing Urban Service Efficiency Through Real-Time Data Analytics	ICCR 2025 - 3rd International Conference on Cyber Resilience			-	2025
340	Niranjana S.; Soujanya M.; Kumar P.V.; Tawil S.; Bhookya R.; Karthikeyan G.	Intelligent Animal Footprint Identification and Classification Strategy based on Learning assisted Digital Image Processing	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025
341	Kumar P.L.; Rajalakshmi B.; Jain A.; Smitha K.; Al-Rubaye T.; Bodha K.D.	Optimizing Hybrid Supercapacitor-Battery Storage Systems for Efficient Power Management in Rail Systems Integrated with Renewable Energy Sources	E3S Web of Conferences	616		-	2025
342	Bansode D.; Umamaheswari G.; Swathi P.; Pavani P.; Hephzi P.; Arun K.; Chitralla S.; Al-Jawahry H.M.	Developing a movie recommendation system that utilizes user input and refined calculations to give customized movie suggestions	AIP Conference Proceedings	3361	1	-	2025
343	Sivaramakrishna V.; Hussain S.; Sai Srikanth V.; Chandra D.S.; Ravikiran C.; Vijaya Kumar Reddy K.	Investigations on Double Pipe Heat Exchanger using Nano Particles of Varied Concentrations with Base Fluid as Water	Journal of Mines, Metals and Fuels	73	5	1395-1408	2025
344	M M.A.; Kumaran M.S.; Keerthika V.; Reddy P.S.; Rajendra A.; R S.	Rural Ecosystem Monitoring in Food Security Analysis Based on Sustainable Agriculture: Artificial Intelligence Application	Remote Sensing in Earth Systems Sciences	8	1	56-64	2025
345	Kumar T.J.; Babji A.; Maneendra P.V.V.S.; Chowdary M.H.; Gupta M.S.	The development and improvement of an electromagnetic frictionless braking system specifically intended for automotive applications	AIP Conference Proceedings	3342	1	-	2025
346	Mekala B.; Padhy N.; Kumar Reddy P.K.	DETECTION OF BRAIN TUMOR AND PREDICTION OF SEVERITY ANALYSIS USING OPTIMIZATION DRIVEN 3DCONVOLUTION NEURAL NETWORK	Journal of Theoretical and Applied Information Technology	103	18	7324-7341	2025

347	Pandian A.N.; Odeh M.; Rachamadugu R.; Prasad D.; Nitin V.; Dinesh M.	Advanced Method for Reversible Data Hiding in Encrypted Images Using Most Significant Bit Prediction Strategy	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025				-	2025
348	Dadi R.; Rao B.S.; Mounika V.; Sravani K.; Sridhar K.	NeuralNet AgroGuard: A Deep Learning Approach to Tomato Leaf Disease Detection	2024 4th International Conference on Emerging Frontiers in Electrical and Electronic Technologies, ICEFEET 2024				-	2025
349	Yelamasetti B.; Zubairuddin M.; Sushma I.S.P.; Khan M.F.; Moinuddin S.Q.; Altammar H.	Influence of Cold Metal Transfer Parameters on Weld Bead Geometry, Mechanical Properties, and Corrosion Performance of Dissimilar Aluminium Alloys	Crystals	15	8		-	2025
350	Gurla V.; Sarlan S.; Ilham I.; Seenu A.; Oleti V.; Sravanthi D.; Al Hashemi H.S.	Qualified Investigation of ML Models for Forecasting SPEC Benchmark Performance	Proceedings of International Conference on Applied Innovation in IT	13	3		215-223	2025
351	Babu V.V.P.; Kumar G.B.V.; Barmavatu P.	Dimensional accuracy testing and analysis of 3D metal printed SS316l using DMLS technique	International Journal on Interactive Design and Manufacturing	19	1		375-392	2025
352	Venkatasubramanian R.; Lature S.; Senthilnathan T.; Ravishankar S.; Arif M.; Banu E.A.; Kumar H.	Nanoscale Sensors and Actuators for Real-Time Environmental Monitoring	AIP Conference Proceedings	3300	1		-	2025
353	Prasad K.S.; Lydia E.L.; Rajesh M.V.; Radhika K.; Ramesh J.V.N.; Neelima N.; Pokuri S.R.	attention based stacked autoencoder with optimization algorithm for detection and mitigation of attacks on IoT assisted networks (Scientific Reports, (2024), 14, 1, (30833), 10.1038/s41598-024-81162-y)	Scientific Reports	15	1		-	2025
354	Webber J.L.; Patnaik K.G.K.; Sowmya M.G.; Mehbodniya A.; Santosh Kumar B.P.; Samani S.	An Efficient Medical Image Compression using Modified Set Partitioning in Hierarchical Trees (MSPiHT)	Panamerican Mathematical Journal	35	25		28-41	2025
355	Sangameswar M.V.; Kodi R.T.; Madhu S.; Sujatha B.; Kumar J.S.	An efficient load balance efficiency technique for cloud business environment	AIP Conference Proceedings	3342	1		-	2025
356	Majumder S.; Haripriya V.; Karade S.S.; Kim D.; Venkatesan R.; Nguyen H.M.; Pabba D.P.; Alshehri S.A.; Kim K.H.	Nanostructured CuFe2O4 via urea tuning: A new avenue for energy storage	Journal of Alloys and Compounds	1031			-	2025
357	Sowmya G.; Roja G.; Maheswari G.U.; Nagini T.; Prasanna P.L.	Digital Recipe Sharing and Copyright Protection Using Blockchain	Lecture Notes in Electrical Engineering	1273	LNEE		703-714	2025
358	Vemanaboina H.; Yelamasetti B.; Panchagnula J.S.; Kilari N.; Prakash C.; Kumar S.; Mehdi H.	Thermal and Mechanical Analysis of C-276 Alloy Using CO2 Laser Beam Welding Process	Transactions of the Indian Institute of Metals	78	2		-	2025

359	Banda S.R.; Sunkara V.K.R.; Dandamudi V.K.; Nakkina M.R.R.; Kalavagunta V.	An enhanced result employing minimized partial products for an approximate multiplication amplifier with low power and area efficiency	AIP Conference Proceedings	3342	1	-	2025
360	Bhumireddypalli V.S.; Thatha V.N.; Bellamkonda S.; Goru U.K.; Sanapala S.R.	A hybrid ensemble classification model for predicting heart diseases	AIP Conference Proceedings	3342	1	-	2025
361	Jyothula S.K.; Kunkumapogu C.M.; Jyothula S.K.; Birada L.M.; Pooturi R.R.	Bending static behavior of piezoelectric functionally graded material plates HSDT	AIP Conference Proceedings	3342	1	-	2025
362	Kumar P.; Kumar R.; Iliev I.K.; Beloev H.I.; Praveenkumar S.; Sunnam N.; Bhatia A.	Engineered Quantum Dot Solar Cells: From Fundamentals to Applications	Plasmonics	20	8	6887-6907	2025
363	Vaishnavi T.; Al-Safarini M.Y.; Nalini N.; Stalin T.; Krishnaraj J.; Dinesh M.	Intelligent Routing in Connected Autonomous Vehicles using the ADAPT-S Learning Architecture	Proceedings of the 6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025			645-651	2025
364	Ramalingam K.; Abdullah M.Z.; Elumalai P.V.; Reddy M.V.; Yafang Y.; Prabhakar S.; Kamakshi Priya K.	Production and utilization of hydrogen enriched fifth generation biofuel in LTC engines with reformed EGR	Scientific Reports	15	1	-	2025
365	Ramgopal N.C.; Roy N.; Sreedevi G.; Alhammadi S.; Alshgari R.A.; Mushab M.; Kumcham P.; Arla S.K.; Joo S.W.	Construction of a hybrid electrocatalyst by impregnating the CuS/CdFe <sub>2</sub> O <sub>4</sub> composite heterostructure into the carbon nanofiber network for improved electrocatalytic oxygen evolution reaction	Journal of Molecular Liquids	423		-	2025
366	Murugan M.; Elumalai P.V.; Vijayakumar K.C.K.; Babu M.; Suresh Kumar K.; Ganesh M.; Kuang L.; Prabhakar S.	A Comprehensive Review of Thermal Management Methods and Ideal System Design for Improved Electric Vehicle Battery Pack Performance and Safety	Energy Science and Engineering	13	3	1011-1036	2025
367	Aruna M.; Vardhan H.; Tripathi A.K.; Parida S.; Raja Sekhar Reddy N.V.; Sivalingam K.M.; Yingqiu L.; Elumalai P.V.	Enhancing safety in surface mine blasting operations with IoT based ground vibration monitoring and prediction system integrated with machine learning	Scientific Reports	15	1	-	2025
368	Raju R.A.; Reddy C.A.; Manivasagam M.A.; Ananda Venkatesan B.; Amaraiah Y.; Kuppusamy P.G.; Bharathi C.R.; Arulananth T.S.	Algebraic Topology in Modern Cryptography: A Cross-Disciplinary Perspective	Panamerican Mathematical Journal	35	25	705-717	2025
369	Karpagam P.; Awwad H.; Seejamini K.; Shobana D.; Joshi K.P.; Karthikeyan G.	Employ the Reinforcement Learning (RL) and Predictive Handover Techniques: Apply Intelligent Mobility Management in 5G Wireless Networks	2025 5th Asian Conference on Innovation in Technology, ASIANCON 2025			-	2025
370	Haribabu M.; Krishna Y.K.; Kanan M.; Saikumar A.; Anandhi R.J.; Shankar S.V.	Clinical Applicability for Binary Glaucoma Classification and Detection Using Deep Learning and Meta-Heuristic Optimization Method	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025

371	Kumar K.N.; Rao K.S.; Samani S.; Mehbodniya A.; Webber J.L.; Bostani A.	An Efficient Blockchain Assisted Electronic Health Record (HER) Authentication System	Panamerican Mathematical Journal	35	2s	57-71	2025
372	Devarapalli A.B.; Alqawasmi K.; Kaliappan J.; Gopila M.; Rajeshwari D.; Suganthi R.	A Fuzzy based Logical Clustering Network Formation to Enhance Overall Lifetime of the Wireless Sensor Network	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
373	Abishek K.G.; Kenguva G.; Giri L.; Venkat Shivaji Ramarao E.V.; Dhilli Rao G.; Dandela R.	A current insight into the drug-drug molecular adducts of an anti-cancer drug vandetanib with various NSAIDs	CrystEngComm	27	19	2998-3005	2025
374	Kottala R.K.; Mogaligunta S.; Gupta M.S.; Praveenkumar S.; Raghutu R.; Patro K.K.; Murthy A.S.D.; Gurram D.	Numerical Investigation Using Machine Learning Process Combination of Bio PCM and Solar Salt for Thermal Energy Storage Applications	Symmetry	17	7	-	2025
375	Bharadwaja K.; Rao M.S.S.; Peyyala P.K.; Baddepudi M.; Thejasree P.	Analysis of mechanical characteristics and wear resistance of epoxy-based nanocomposites with Al2O3 fillers	AIP Conference Proceedings	3342	1	-	2025
376	Jatavallabhula J.K.; Ramakrishna M.V.A.; Yelamasetti B.; Thotakuri M.; Pappula B.	Fatigue analysis of a dock crane boom employing finite element method	AIP Conference Proceedings	3342	1	-	2025
377	Kasireddy L.C.; Paruchuri S.; Janakamma C.; Sarawat A.; Ravi K.C.; Kumar Chandu R.	Cloud-Oriented IoT: Distributed Power-Aware Security Scheme with Data Integrity and Performance Enhancement	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
378	Ramkumar G.; Al-Qerem A.; Kalyani G.; Vamsi A.; Manogna D.	TinyFaceDL Lightweight Transformer CNN Hybrid Model for Face Recognition on Low Power IoT and Edge Devices	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025			360-366	2025
379	Jose J.P.; Jaffino G.; Al Awadh M.; Rao K.S.; Yafang Y.; Sivalingam K.M.	IoT enabled health monitoring system using rider optimization algorithm and joint process estimation	Scientific Reports	15	1	-	2025
380	Bokka R.; Thiruvengadam K.; Dayalan S.P.; Mohan J.; Krishnamoorthy H.	AI-driven adaptive control systems for enhanced precision and efficiency in autonomous manufacturing processes	AIP Conference Proceedings	3342	1	-	2025
381	Kiran A.; Khan M.; Babu J.C.; Kumar B.P.S.; Nezami M.M.	DDoS Detection Using Semi-Supervised Machine Learning Algorithms	Digital Twins and ESG			247-268	2025
382	Mittapalli V.; Moturi S.; Rao S.N.T.; Reddy N.C.S.; Dasore A.	An innovative approach for employing artificial intelligence to improve the developing countries in the business sector	AIP Conference Proceedings	3342	1	-	2025

383	Allam B.; Maddipatla S.; Ajmeera K.; Parshapu P.; Nabi S.A.; Ganja V.S.R.	Sustainable development in composite materials: Exploring eco-friendly alternatives and their applications	AIP Conference Proceedings	3342	1	-	2025
384	Kumar P.; Sharma J.; Kumar R.; Najser J.; Frantik J.; Sunnam N.; Sindhu A.; Praveenkumar S.	Genetic and bioactive functionalization of bioinks for 3D bioprinting	Bioprocess and Biosystems Engineering	48	9	1421-1449	2025
385	Yelamasetti B.; Lakshmi Devi B.T.; Sree N.S.; Vempati S.; Sonar T.; Kumar A.; Rakesh C.; Sharma A.; Ansari M.A.	Investigations on mechanical behavior of AA2014-T6 weldments developed using CMT welding: As-weld and post weld heat treatment conditions	Journal of Materials Research and Technology	35		1409-1418	2025
386	Praba M.; Ali Samhan A.A.; Samuthira Pandi V.; Sowmiya A.; Ravi N.; Karthikeyan G.	Integration of Machine Learning with Quantum Computing: Compilation of Quantum Circuit for Efficacy on Noisy Intermediate-Scale Quantum Devices	2025 5th Asian Conference on Innovation in Technology, ASIANCON 2025			-	2025
387	Manjunath C.; Sasi A.; Chowdary Ch S.; Sharon Roji Priya C.; Naick B.R.; Macherla H.; Lella K.K.	Enhancing Glaucoma Detection in Fundus Images: A ResNet based Segmentation and Advanced ML Algorithms with Duck Pack Optimizer	International Research Journal of Multidisciplinary Technovation	7	2	108-120	2025
388	Naik S.K.L.; Deshpande V.; Thirupathaiah M.; Reddy C.V.K.	Integrated energy control for wind-micro turbine-photovoltaic-electric vehicle systems using sea horse optimization and dimension-augmented physics-informed neural network	Environment, Development and Sustainability			-	2025
389	Kishore D.R.; Satyanarayana G.; Kiran T.A.; Saritha K.; Murali K.C.	The fault classification in micro grid system using support vector machine	AIP Conference Proceedings	3342	1	-	2025
390	Rana A.; Reza M.; Shit G.C.	Electromagnetohydrodynamic flow within a fluid-saturated anisotropic porous microtube with rough surface	Physics of Fluids	37	7	-	2025
391	Barkale H.V.; Karar M.; Katdare M.; Dey N.	Programmable optical responses of V-shaped benzimidazole probes: discrete anion recognition, molecular computation, and instrument-free sensing	Journal of Industrial and Engineering Chemistry			-	2025
392	Mahesh K.; Hussain M.M.; Reddy A.S.; Mounika M.; Nagaveni N.; Sura S.	Enhancing QOS in real-time traffic performance by using an optimized routing protocol	AIP Conference Proceedings	3342	1	-	2025
393	Jayabalan K.; Muhammed A.K.; Chitturi S.N.S.G.; Merupula A.R.G.; Polineni S.S.	Design of rosette layup for cylindrical structure using optimal layer orientation	AIP Conference Proceedings	3342	1	-	2025
394	Kishore D.R.; Suresh V.; Saritha K.; Kiran T.A.; Anand A.V.	Coiflet study based neutral current wave shape for power transformer winding insulation diagnostics	AIP Conference Proceedings	3342	1	-	2025

395	Mittapalli V.; Kumar G.A.; Reddy N.C.S.; Nalajala P.; Dasore A.	Assessment of the future of FinTech in developing economies: Automated and enhanced functional challenges	AIP Conference Proceedings	3342	1	-	2025
396	Vijayakumar K.; Elrashidi A.; Danieal A.; Ravi N.; Janani B.; Veni S.K.	Detection of Brain Tumor Class in MRI Slices with ResNet Models: A Study	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
397	Khaleelahmed S.K.; Sivakrishna K.; Rajesh G.; Durgarao N.; Venkateswarlu C.	A Deep Learning With Optimization-Based Power Allocation for Network Slicing in MIMO-NOMA	International Journal of Communication Systems	38	7	-	2025
398	Bangaru S.; Madhu S.; Draksharapu P.K.; Narkedimilly L.; Goud N.U.R.	Evaluation of algorithmic efficiency in heart disease estimation by means of machine learning methods	AIP Conference Proceedings	3342	1	-	2025
399	Sakkerla J.S.; Chintalapudi R.; Pappula B.; Makgato S.	Novel design of serpentine channel heat sinks with rectangular and triangular ribs and grooves for 25Ah Li-ion battery thermal management	International Journal of Thermofluids	25		-	2025
400	Manasa R.; Kumar O.R.; Tawil S.; Kumar Ch.S.; Harish S.S.; Anandhi R.J.	Detection of Automated Parkinson's disease and Multi Level Feature Enhancement using Artificial Intelligence Techniques	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
401	Shirisha N.; Kannan B.; Kuppan P.; Gunganathan L.	Embedding Class-Based Convolutional Recurrent Attention Network with Brown Bear Optimization Algorithm for EEG-Based Parkinson's Disease Recognition	Journal of Molecular Neuroscience	75	1	-	2025
402	Sarma P.M.M.S.; Devi E.N.; Suman D.; Sasikiran N.V.S.G.; Laxmi G.	A comparable assessment initiated to analyze the impact of process parameters in the context of fused deposition modeling	AIP Conference Proceedings	3342	1	-	2025
403	Bhagat R.M.; Jasutkar D.B.; Ranit A.B.; Vairagade V.S.; Yelamasetti B.; Shelare S.D.; Sharma S.; Mahapatro A.; Bupesh Raja V.K.; Naveed Q.N.; Kraiem N.; Islam S.; Lozanovic J.	Machine learning and optimization in hybrid energy storage systems: Integrating MPC, PSO, MILP, and ANN for grid stability and efficiency	International Journal of Electrical Power and Energy Systems	170		-	2025
404	Lokasani B.; Manasa B.L.; Padmaja P.S.G.; Rambabu G.V.; Kumar J.S.	Investigation of vibrational behavior in flax and areca sheath fiber-reinforced hybrid composites for sustainable engineering applications	AIP Conference Proceedings	3342	1	-	2025
405	Vijayakumar K.; Kanan M.; Sunasundram S.; Saikumar A.; Narayanan V.K.; Srirakesh R.	ConvNeXt Model Based Classification of Fundus Retinal Images into Healthy/Cataract	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
406	Veerasekharreddy B.; Chinniah P.; Rao P.V.; Arunachalam K.P.	Efficient medical image encryption and attack detection using hyperchaotic fibonacci polynomial convolutional neural network in IoT healthcare networks	Neurocomputing	656		-	2025

407	Mudhuganti M.R.; Penugonda S.K.; Talla P.K.	Investigation of CRDI diesel engine performance and emissions with butanol-diesel blends	AIP Conference Proceedings	3342	1	-	2025
408	Ramgopal N.C.; Sreedevi G.; Majumder S.; Alhammadi S.; Alshgari R.A.; Mushab M.; Arla S.K.; Kim J.S.; Joo S.W.	One-Step hydrothermal synthesis of in-situ constructed NiS rods, mns pebbles, and ZnS nanoflakes (NiS-MnS-ZnS) on ITO for enhanced PEC water splitting	Fuel	385		-	2025
409	Nelluru A.; Gaddam S.R.; V T Ram Pavan Kumar M.; Vikruthi S.; Bhagavatham N.K.; Gopikrishna V.	Transforming Dairy Standards: Machine Learning in Milk Quality Prediction	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			136-140	2025
410	Sarojini A.T.; Vadlamudi S.; Kurada P.; Ajmera S.	Comprehensive study of nano structure of different nano materials	AIP Conference Proceedings	3342	1	-	2025
411	Srivastava N.; Srivastava S.; Singh R.; Sharma V.; Kiran A.; Mishra S.	Low Latency based Smart Ambulance Model in Emergency Healthcare	2025 International Conference on Artificial Intelligence and Machine Vision, AIMV 2025			-	2025
412	Abijith G.R.; Elrashidi A.; Illavarason P.; Babu G.J.S.; Sathish M.; Roshini E.	Detection of Covid19 in Chest X-Ray with EfficientNetV2 Models-A Study	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
413	Agrawal P.; Thethi H.P.; Mohammad Q.; Gupta N.; Asha V.; Reddy K.J.	Integrating AI and Multi-objective Optimization for Enhanced Microgrid Energy Management Using Quadratic Programming	E3S Web of Conferences	616		-	2025
414	Swathi A.; Lavanya V.; Al-Safarini M.Y.; Das S.; Nishant S.; Chandrashekar R.	Secured Defence Battlefield Surveillance-Based Border Monitoring Using Fusion-Based Hybrid Machine Learning Models	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRiset 2025			-	2025
415	Dondapati R.K.; Bolisetty K.S.; Kunche G.; Nagasatyaparvathi R.V.; Prasad J.L.	A new active fault tolerant control system with cloud for DC motor	AIP Conference Proceedings	3342	1	-	2025
416	Ramgopal N.C.; Kumar A.S.; Pabba D.P.; Sreedevi G.; Alhammadi S.; Reddy N.R.; Joo S.W.	Strategic roles of surface and interface engineering in layered double hydroxides: Transforming photocatalytic hydrogen production efficiency	International Journal of Hydrogen Energy	117		195-214	2025
417	Premkumar M.; Ashokkumar S.R.; Anupallavi S.; Srinivasan D.; Prema K.; Kiran A.	AI based strategic decision framework for precise e-commerce applications and ensuring consumer trust through tactical precision and decision-driven strategies	Results in Engineering	28		-	2025
418	Padma J.; Meenu; Gupta D.K.; Kumar S.N.; Jabeen S.; Lathigara A.	Leveraging Machine Learning for the Classification of Cardiac Ailments in ECG Signals	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025

419	Subramanian M.; Pachamuthu S.; Solomon J.M.; Stanislaus Arputharaj B.; Sakthivel P.; Karuppasamy A.; Singh S.; Varshney D.; Raja V.	Experimental studies on electrostatic removal of particulate matter emission from diesel engine using active reduction technique	Results in Engineering	27		-	2025
420	Syamala M.; Chandrasekaran R.; Balamurali R.; Rani R.; Hashmi A.; Kiran A.; Rajaram A.	Evaluating Generative Adversarial Networks for Virtual Contrast-Enhanced Kidney Segmentation using Res-UNet in Non-Contrast CT Images	Multimedia Tools and Applications	84	18	20121-20144	2025
421	Malathi K.; Bhargav K.V.J.; Sravani R.; Awwad H.; Vijetha T.; Raj V.H.	Cucumber Leaf Pests and Diseases Detection Using Deep Learning Architecture with YOLOv5s Target Tracking and Image Enhancement	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
422	Sravani C.; Ananth P.; Sasikala C.; Kumar N.S.; Kumari C.D.V.P.; Thrimurthulu V.	LiDAR Image-Based Climate Change Detection with Their Economic Ecosystem Modelling: Artificial Intelligence Application	Remote Sensing in Earth Systems Sciences	8	1	173-181	2025
423	Tandra N.; Akhtar N.; Padmanaban K.; Guganathan L.	A finite-element dual-level contextual informed neural network with swarm space hopping algorithm based optimal feature selection and detection for EEG-based epileptic seizure detection	Swarm and Evolutionary Computation	97		-	2025
424	Kumar H.; Prasad R.; Kumar P.; Deo M.	Characterization of GTAW welded steel (572 GR 50)	AIP Conference Proceedings	3342	1	-	2025
425	Reddy K.V.; Ravindranath Reddy G.; Rani K.J.; Sreenivasulu A.; Prakash G.B.	UNSTATIONARY VISCOELASTIC MHD FLOW OF WALTERS-B LIQUID THROUGH A VERTICAL POROUS PLATE WITH CHEMICAL REACTIONS	East European Journal of Physics	2025	2	348-358	2025
426	Lathigara A.; Upodhyay D.; Shukla P.K.; Akula A.; Meenu; Anusha M.	Improved Interpretability Model for Heart Disease Diagnosis Using Modified Particle Swarm Optimization	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
427	Prasad G.L.V.; Samara G.; Tagore Kumar P.; Manogna D.; Balasubramanian V.; Asha V.	Hybrid Harris Hawks and Dwarf Mongoose Optimization with Task Scheduling for Disaster Management in an Internet-Based Environment	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
428	Saiprasad K.; Lokesh S.; Varun M.; Shashi Sampath G.; Jashwanth N.; Sivakrishna K.	Radiolytica: AI - Enhanced Radiology Workflow Revolution	Proceedings of the 2025 International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2025			-	2025
429	Jyothsna K.; Reddy V.S.V.; Lokesh D.; Chaitanya D.K.; Sivakrishna K.; Priyanka L.	Skin AI - Virtual Dermatologist	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			999-1003	2025
430	Bansal S.; Kiranmai B.; Bhariya O.P.; Ravi K.C.; Navanitha D.; Tanna P.	Hybrid VWAE-ASFO Algorithm for Data Collection and Performance Enhancement in Wireless Sensor Networks	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025

431	Chinnasamy P.; Naik M.R.; Ayyasamy R.K.; Chandran L.; Kiran A.; Alagarsamy M.	A Deep Learning Framework Based on Modified Convolutional Neural Network for Content Based Image Retrieval using Elasticsearch Integration	AIP Conference Proceedings	3300	1	-	2025
432	Tandra N.; Begum S.S.A.; Anuradha K.; Punna H.S.; Krishna B.; Rajender G.	Innovative approaches in design and simulation: Enhancing component performance through advanced modelling techniques	AIP Conference Proceedings	3342	1	-	2025
433	Saikumar K.; Ravindra P.S.; Sravanthi D.; Mehbodniya A.; Webber J.L.; Bostani A.	Heart Disease Prediction using Machine Learning and Deep Learning Approaches: A Systematic Survey	Panamerican Mathematical Journal	35	25	72-81	2025
434	Maturi S.M.; Dhanikonda S.R.; Bharathi K.; Srikanth R.; Srinivasulu B.; Joshna K.	An efficient classification model to predict cardiovascular disease using ECG images with machine and deep learning techniques	AIP Conference Proceedings	3342	1	-	2025
435	Gummadi A.R.; Nutakki P.K.	Design and analysis of hollow sodium filled exhaust valve in I.C. engines	AIP Conference Proceedings	3342	1	-	2025
436	Shekar K.; Reddy N.R.; Arvind S.; Kumar T.V.S.; Kodukula S.; Varahagiri G.	Implementation of novel learning based energy efficient routing protocols in wireless sensor networks for internet of things use cases	Discover Computing	28	1	-	2025
437	Agarwal P.; Gupta S.K.; Shukla P.K.; Bhatt N.; Rajeshwari D.; Sripriya	A Robust Key Management Technique for Defending Wireless Sensor Networks from Jamming Attacks	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
438	Ramgopal N.C.; Kumar A.S.; Pabba D.P.; Yusuf K.; Li X.; Ramesh Reddy N.; Jung J.H.; Joo S.W.	Spherical MnWO <sub>4</sub> /Hierarchical alabaster rose-like SnO <sub>2</sub> heterojunction with CNF integration for enhanced charge dynamics in PEC water splitting	International Journal of Hydrogen Energy	124		92-101	2025
439	Chilukuri Y.; Jhansi Rani T.; Lakshmi pathi Anantha N.; Rathnamma G.; Srinivasarao U.; Sowjanya P.; Jayasri N.; Donthi R.K.; Krishna Chaitanya B.; Ramesh M.	An Aspect-Based Sentiment Classification Method Using the Pachinko Allocation Model	Engineering, Technology and Applied Science Research	15	4	25844-25850	2025
440	Natteshan N.V.S.; Sabri M.O.; Satyanarayana T.; Babu M.A.; Karthikeyan G.; Balasubramanian R.	Innovative Big Data Analytics - enabled Virtual Reality Learning Systems: Personalized Adaptive Courses based on Analytics of Student Progress and Conduct	2025 5th Asian Conference on Innovation in Technology, ASIANCON 2025			-	2025
441	Aravind K.; Lakhanpal S.; Pushpa Rani K.; Al-Rubaye T.M.K.; Tewari P.; Shanmugasundaram R.	Utilization in Microgrids through Advanced Predictive Algorithms	E3S Web of Conferences	619		-	2025
442	Sarma P.M.M.S.; Ramakrishna G.; Reddy K.S.; Kapil A.; Reddy M.V.	An assessment on the fabrication process of power diminution on a lathe by the utilization of an AC motor	AIP Conference Proceedings	3342	1	-	2025

443	Joshi P.V.; Balichakra C.; Hilli R.; Thotakuri M.; Tarigonda H.	Ultrasonic wave in semiconductor quantum well structures	AIP Conference Proceedings	3342	1	-	2025
444	Kumar H.; Prasad R.; Kumar P.	Characterization of copper based composite reinforced with SiC via FSP	AIP Conference Proceedings	3342	1	-	2025
445	Saravana Mohan H.; Murugaraj K.; Solaiappan S.K.; Stanislaus Arputharaj B.; Rajendran P.; Lee I.E.; Jayakumar S.S.; Veeraperumal Senthil Nathan J.P.; Karuppasamy A.; Raja V.	Design, Dynamics and Development of Upgraded Tilttable Wing associated Quadcopter through Advanced computational simulations incorporated Bottom-Up Approach	Scientific Reports	15	1	-	2025
446	Prasad S.V.S.; Bhargavi V.; Kumar M.	IOT based smart drug admin system using ESP32 micro controller	AIP Conference Proceedings	3325	1	-	2025
447	Polepally V.K.; Kumar C.S.; Rao C.M.; Siva Rama Krishna T.; Pulugu D.	Quantum cryptography and cybersecurity	Quantum Algorithms for Enhancing Cybersecurity in Computational Intelligence in Healthcare			49-66	2025
448	Swapna M.; Sabri M.O.; Mamidala S.; Krishnamoorthi K.; Kumar S.; Chandi Priya K.G.	Leveraging Deep Learning Methodology to Automate Knee Osteoarthritis Identification based on X-ray Images	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025
449	Bhagyalakshmi L.; Chitra N.T.; Raj S.; Tanna P.; Babu E.S.; Kumar Suman S.	RadiomixNet Leveraging Radiomics and Feature Extraction for Enhanced Pneumonia Diagnosis	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025
450	Reddy G.K.; Lavuri N.R.; Urooj S.; Dharavath K.; Nasser N.; J.Y.	Dual attention-based deep learning with blockchain for multimedia data processing and secure access control in IoHT	Scientific Reports	15	1	-	2025
451	Alshoaibi A.; Ramgopal N.C.; Ramasundaram S.; Upendranath K.; Mahanthappa M.; Fahad M.; Durai M.; Barmavatu P.; Oh T.H.; Vishwanath R.S.; Durai M.	NiS/NiS <sub>2</sub> -embedded sulfur-doped porous graphitic carbon nitride nanosheets as an efficient catalyst for 4-nitrophenol reduction	Diamond and Related Materials	153		-	2025
452	Alekhyia A.; Al-Safarini M.Y.; Sunitha T.; Veeranjaneyulu K.; Swathi B.; Deivanayaki R.	Efficient Dynamic VLSI Design with Error Detection and 8-Way Power Amplifier for Triple-Gate Vertical Power MOSFET	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025
453	Ramgopal N.C.; Reddy N.R.; Sai Kumar A.; Pabba D.P.; Tighezza A.M.; Jung J.H.; Joo S.W.	Bi <sub>2</sub> S <sub>3</sub> nanorods and WO <sub>3</sub> elongated blocks integrated to CNFs as a hybrid electrode for enhance the supercapacitor performance	Inorganic Chemistry Communications	174		-	2025
454	Datta S.; Das S.; Samanta S.; Chhangte L.; Deb S.; Singh R.; Adhikari S.; Hassan A.S.; Ustun T.S.	Implementation and investigation of a solar and wind energy-based grid-connected hybrid system with nine switch converter	Energy Exploration and Exploitation	43	2	492-513	2025

455	Raj G.R.; Singla A.; Begum R.; Divetia K.; Mohammad Q.; Shanmugasundaram R.	Innovative Business Models for Electric Mobility-as-a-Service in Smart Cities	E3S Web of Conferences	619		-	2025
456	Sujatha B.; Madhu S.; Chandra P.S.R.; Sindhu B.; Thotakuri M.	Analysis on an effective system for automatic malware identification built on deep learning techniques	AIP Conference Proceedings	3342	1	-	2025
457	Jagadevapuram L.P.; Keshavapatnam R.K.; Talla P.K.; Jayabalan K.	Mechanical characterization of friction stir welded AZ61A magnesium alloy with boron inclusions	AIP Conference Proceedings	3342	1	-	2025
458	Vijayakumar K.; Elrashidi A.; Bin Syed Waseem Zaidi S.M.N.; Srinija K.; Priya G.J.; Varun G.	Automatic Detection of TB in X-Ray with Deep Learning Model	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
459	Prasad S.V.S.; Reddy G.V.V.; Upadhyay S.; Yadav K.V.; Rao T.S.V.; Sagar N.S.S.	Attendance Marking System Based on Facial Recognition Using Python	2025 IEEE International Conference on Advances in Computing Research on Science Engineering and Technology, ACROSET 2025			-	2025
460	Bontha S.S.; Jammalamadaka S.K.R.; Vudatha C.P.; Jammalamadaka S.B.; Duvvuri B.K.; Vudatha B.C.	Predicting Risk and Complications of Diabetes Through Built-In Artificial Intelligence	Computers	14	7	-	2025
461	Shaisundaram V.S.; Elumalai P.V.; Padmanabhan S.; Ramachandran U.N.; Tripathi A.K.; Yaping C.; Goud B.N.; Prabhakar S.	Impact of metal oxides on thermal response of zirconia coated diesel engines fueled by Momordica biodiesel machine learning insights	Scientific Reports	15	1	-	2025
462	Gokulraj S.; Saravanan K.G.; Vijayakumar K.; Arunkumar K.	Thermo-mechanical and mechanical performance of interlaced glass fiber epoxy hybrid composites reinforced with almond biochar biofiller	Journal of Polymer Research	32	5	-	2025
463	Sourirajan L.; Subramanian M.; Stanislaus Arputharaj B.; Rajendran P.; Sakthivel P.; Raja V.; Karuppasamy A.; Ahamed Saleel C.; Hasan N.	Multi-Perspective Behavioural Investigations on Coolant of Battery Thermal Management Systems in Electrical Vehicles Using Computational Fluid Dynamics	Energy Science and Engineering	13	5	2455-2479	2025
464	Marathula G.K.; Gopal I.V.; Alamleh A.; Gopila M.; Nagini T.; Sivakami S.	An Efficient Methodology to Predict Train Delays using Intelligent Hybrid Deep Learning Procedure	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRASET 2025			-	2025
465	Ganesh M.; Atgur V.	Fabrication and Mechanical Characterization of Stir Cast AA7075 (Graphene + Alumina) Nano Hybrid Composite	International Journal of Vehicle Structures and Systems	17	4	671-675	2025
466	Holkar U.; Khatkar M.; Ashok G.; Durani H.; Gayathri D.; Kumar Singh A.	Secure and Privacy-Focused Data Transmission Protocols for Medical IoT Applications	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025			-	2025

467	Malathi K.; Murthy T.S.; Al-Safarini M.Y.; Kumar D.S.; Kumar S.N.; Raj V.H.	MAC Scheduling and Traffic Control Prioritization with Object Detection Using Artificial Intelligence in IoT-SDN based Smart Agriculture	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025				-	2025
468	Kumar D.S.; Bhavitha K.; Harani A.; Meenakshi V.; Rajendran P.; Lee I.E.; Awadh M.A.; Yuheng L.; Prasad N.E.C.	Green analytical comparison and central composite design optimization for simultaneous estimation of pain management drugs using RP-liquid chromatography	Microchemical Journal	208			-	2025
469	Madhuri K.S.; Panchal M.; Kala K.L.; Guru S.R.; Yelamasetti B.	Mechanical characterization of jute/epoxy composites supplemented with g-C3N4 particles	AIP Conference Proceedings	3342	1		-	2025
470	Bhavana M.; Swapna N.; Reddy A.Y.; Vadlamudi S.; Koduru G.K.; Gandhi T.	The Next Frontier: Blockchain Technology in Cross-Border Payments	Proceedings of the 6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025				1316-1321	2025
471	Bhavana M.; Rao K.S.	Smart Agriculture with Internet of Things for Precise Crop Prediction using Interfused Machine Learning and Advanced Stacking Ensemble from Soil Parameters	SSRG International Journal of Electronics and Communication Engineering	12	8		74-90	2025
472	Ramalingam K.; Abdullah M.Z.; Elumalai P.V.; Yong X.; Prasad K.S.; Chan C.K.; Prabhakar S.; Yuqi B.	An evaluation of maximizing production and usage of biofuel by machine learning and experimental approach	Scientific Reports	15	1		-	2025
473	Santhosh C.R.; Chinnam S.; Shivaram S.J.; Fernandes V.T.; Chidambaram K.; Patnala H.; Kavana Prakash H.; Gadde S.; Madhu G.M.	Synthesis of Pyrimidine-Based Analogues: A Comprehensive Review	Journal of Chemical Reviews	7	4		591-634	2025
474	Subramanian B.; Sivakumar L.; Duraisamy S.; Sagayaraj S.; Yesuraj R.; Mishra N.K.	A Blockchain-Based Authentication Handover Protocol for Autonomous Vehicle Networks	Tasmingiri va Tahqiq dar Amaliyyat	10	2		302-324	2025
475	Rana A.	Thermal behavior of transient EMHD flow in a rotating microscale conduit with surface undulation	Thermal Science and Engineering Progress	61			-	2025
476	Praveen S.P.; Bhukya S.; Vallem S.; Gorikapudi S.; Penubaka K.K.R.; Shariff V.	ENHANCED PREDICTIVE MODELING FOR ALZHEIMER'S DISEASE: INTEGRATING CLUSTER-BASED BOOSTING AND GRADIENT TECHNIQUES WITH OPTIMIZED FEATURE SELECTION	Journal of Theoretical and Applied Information Technology	103	8		3285-3296	2025
477	Kumar R.R.; Karthik K.; Elumalai P.V.; Masilamani N.; Saikumar A.; Cherie A.	Exhaust manifold performance enhancement using nano fluids a design and CFD investigation for four stroke petrol engines	Scientific Reports	15	1		-	2025
478	Kasireddy L.C.; Jeraldine Viji A.; Sholapurapu P.K.; Sowjanya Kolluru D.; Vishweshwar D.U.; Agrawal P.	Intelligent Intrusion Detection using Artificial Bee Colony-Based Rule Discovery Techniques	2025 IEEE Madhya Pradesh Section Conference, MPCON 2025				691-696	2025

479	Chinnasamy P.; Wong W.-K.; Raja A.A.; Khalaf O.I.; Kiran A.; Babu J.C.	using Deep Learning-based Collaborative Filtering" (Heliyon, (2023), 9, 12, (e22844), (S2405844023100521), 10.1016/j.heliyon.2023.e22844)	Heliyon	11	16	-	2025
480	Sowmya G.; Sridevi R.; Rao K.S.S.	Blockchain for disaster recovery: Enhancing resilience, coordination, and trust in crisis management	AI and Emerging Technologies for Emergency Response and Smart Cities			117-136	2025
481	Santhosh S.N.S.; Syed Z.; Joshi P.V.; Thotakuri M.; Yelamasetti B.; Morampudi P.	Validation of 3-Point Bending Strength of PETG Material Printed via FDM Using FEA	E3S Web of Conferences	648		-	2025
482	Pratap Joshi K.; Gowda V.B.; Bidare Divakarachari P.; Siddappa Parameshwarappa P.; Patra R.K.	VSA-GCNN: Attention Guided Graph Neural Networks for Brain Tumor Segmentation and Classification	Big Data and Cognitive Computing	9	2	-	2025
483	Karar M.; Pise S.; Dey N.	Primordial Molecular 1-Bit Magnitude Comparator in Consort with Excitation-Guided Mouldable Logic Systems: A Guided Design of Regular Interactions between Molecules	Chemistry - An Asian Journal	20	5	-	2025
484	Rani S.P.S.; Samhan A.A.A.; Rao R.V.; Bayyapureddy S.; Reddy A.K.K.; Karthikeyan G.	Development of an Optimized QuantumTechniques for Secure Remote Medical Image Sharing	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
485	Selladurai K.M.; Agrawal O.P.; Mayormente M.; Tyagi D.; Kiran A.; Dhaaraani R.	Deep Learning Model for Life Cycle Cost Assessment in Industrial Buildings: A DBN-Based Approach for Structural Decision-Making	International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity, ISAC3 2025			-	2025
486	Thumma T.; Mishra S.R.; Pattnaik P.K.; Reddy C.A.	Exploring MHD radiative Maxwell nanofluid flow on an expanding surface for the impact of activation energy associated with velocity slip and convective boundary conditions	Journal of Thermal Analysis and Calorimetry	150	5	3661-3681	2025
487	Bilal N.M.D.; Sivakumar R.; Alqawasmi K.; Gopila M.; Poojasree P.; Suganthi R.	A Robust Interception Behavioral Analysis over Wireless Sensor Network Environment to Identify the Existence of Eavesdropping Attack	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
488	Ganesh M.; Atgur V.	Influence of Graphene Nanofillers on the Mechanical Properties of 7075 Aluminium Matrix Composites	International Journal of Vehicle Structures and Systems	17	5	810-813	2025
489	Sourirajan L.; Baskaran B.; Rajapandi R.; Sakthivel P.; Stanislaus Arputharaj B.; Karuppasamy A.; Singh S.; Varshney D.; Raja V.	Design, aerodynamic, and structural integrity investigations of the advanced three bladed propeller for high payload based unmanned aerial vehicles	Results in Engineering	26		-	2025
490	Yelamasetti B.; Devi B.T.L.; Omprakash B.; Aslesha C.L.; Shelare S.; Sharma S.; Rao V.N.; Massoud E.E.S.	microstructural morphology, and corrosion characteristics in inconel 718-AISI 430 dissimilar weldment joints using ERNiCrMo-4 and ER2209 fillers: a comparative performance analysis	Archives of Civil and Mechanical Engineering	25	2	-	2025

491	Nde D.T.; Vadapalli H.; Roy N.; Venkatesan R.; Li X.; El-Marghany A.; Arla S.K.; Boya V.K.N.; Joo S.W.	Flower-like microstructures of Co@MoS <sub>2</sub> @N-RGO: A promising platform for solar-driven water splitting through engineering 1T phase MoS <sub>2</sub> and N-RGO integration	Electrochimica Acta	525		-	2025
492	Rana A.; Shit G.C.; Reza M.; Raja Sekhar G.P.	Electromagneto-hydrodynamic two-phase flow of immiscible electrolytes through an undulating hydrophobic microchannel	Journal of Engineering Mathematics	151	1	-	2025
493	Pokkuluri K.S.; Mounika T.; Devi N.D.; Kishore D.R.; Balakiruthiga B.; Krishna B.M.	Disaster Management Based on Biodiversity Conservation Using Remote Sensing Data Analysis Using Machine Learning Model	Remote Sensing in Earth Systems Sciences	8	1	191-199	2025
494	Sudha M.; Neelaveni P.; Pooja E.; Mangaiyarkarasi V.; Begum R.; Jayanthi J.	An Unsupervised TinyML Approach with Efficient Edge AI for Effective Stress and Sleep Monitoring	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025			-	2025
495	Vijayakumar K.; Kanan M.; Raj R.I.; Balakrishna B.; Prabha S.; Surya N.	Detection of Benign/Malignant Skin Cancer with Deep Transfer Learning Using Fused Features	2025 2nd International Conference on Computing and Data Science, ICCDS 2025			-	2025
496	Mugachintala D.K.; Bondu P.K.R.; Giri K.; Vyza U.R.; Gundala M.R.; Madithati R.R.	A comprehensive review on charging infrastructure for electric vehicles-case study	AIP Conference Proceedings	3342	1	-	2025
497	Yelamasetti B.; Sridevi M.; Sree N.S.; Geetha N.K.; Bridjesh P.; Shelare S.D.; Prakash C.	Comparative Studies on Mechanical Properties and Microstructural Changes of AA5052 and AA6082 Dissimilar Weldments Developed by TIG, MIG, and FSW Techniques	Journal of Materials Engineering and Performance	34	11	9972-9985	2025
498	Priya A.A.; Nedunchezian T.; Sripavithra C.K.; Kumar N.S.; Rajkumar K.V.; Bostani A.	Deep Learning Assisted Intelligent Fall Detection Mechanism: An IoT and Healthcare Integration of Elderly People	Panamerican Mathematical Journal	35	2s	1-11	2025
499	Gangireddygar C.M.R.; Daidi G.P.; Gorantla K.K.; Chintala M.K.	Investigating the static behavior of a 2D beam made from functionally graded materials using the finite element method	AIP Conference Proceedings	3342	1	-	2025
500	Tandra N.; Kuppan P.; Arunachalam K.P.; Loganathan G.	A hybrid model of prairie dog optimization and closed-form continuous-time neural networks for next generation lithium-ion and sodium-ion batteries	International Journal of Chemical Reactor Engineering	23	9	1075-1087	2025
501	Sangeetha A.; Rekha G.B.; Biswas D.; Rakesh P.; Geethika R.	Intelligent Cardiac Disease Detection and Riskshield System using ML Algorithms	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
502	Manjunatha; Nijhawan G.; Reddy B.V.; Najm R.; Upadhya M.; Harika K.V.S.L.	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			795-800	2025

503	Dhinesh M.; Geetha B.; Sathish P.; Saravanakumar L.; Jude P.S.V.; Balaram A.	ImageGuard: Advanced User Authentication via Dynamic Graphical Password Manipulation and Secured Image Sequences	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			377-384	2025
504	Swathi B.; Gupta M.; Jayasri N.; Najm R.; Radhika R.; Rao P.V.	Adaptive Independent Component Analysis for Blind Source Separation in Multi-Speaker Acoustic Environments with Enhanced Noise Resilience	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			783-788	2025
505	Mishra M.; Pradhan R.R.; Agrawalla K.; Bokka R.	AI for Cybersecurity Threat Detection: A Machine Enabled Computing Perspective	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
506	Swamy B.V.; Prasad L.H.; Shyamsundar M.; Pothini H.; Aarthi R.; Upadhyay S.	Experimental Evaluation Vitamin Deficiency Detection using Digital Image Processing based on Convuluted Deep Learning Strategy	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025			797-804	2025
507	Kothuri S.R.; Pandya T.; Sharma A.; Pushpa Ch.S.; Biradar S.; Durani H.	Semantic Similarity and Reasoning for Assessing Interestingness in DSS Knowledge Bases	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025			-	2025
508	Singh V.; Parvez A.; Ravi K.C.; Suneel S.; Balaram A.; Raja Ch.	PathTrackFlow: A Predictive Framework for Advanced Path Planning in Autonomous Robotics	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025			1021-1027	2025
509	Krishna V.G.; Deeksha M.; Nandhini K.; Vaishnavi H.; Manisha U.	Blockchain-Powered NLP and ML Framework for Reliable Event Identification and Trust Validation	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025			138-144	2025
510	Sivakrishna K.; Vaishnavi J.S.; Sreelekha A.; Sindhu S.; Varshitha C.; Kalakoti G.	Object Detection and Hazard Alert System for Child Safety on Robot using YOLO	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025			1094-1098	2025
511	Raju H.; Shubhra; Nagpal A.; Nagaraju J.; Al-Rubaye T.; Tewari P.	Advancing Predictive Maintenance in Smart Grids with Machine Learning Techniques Through Comparative Analysis of SVM and CNN Models	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			1251-1256	2025
512	Emmanuel P.V.; Reddy G.H.V.; Rao G.H.V.; Sahoo S.; Manoj P.; Aliya H.	AttendEase: The Next Gen Attendance System	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
513	Kaur N.; Malik P.K.; Krishna G.; Kumar M.; Aluvala S.; Singh P.	An IoT-Driven Workers Health Monitoring System Utilizing LoRa Technology for Real-Time Vital Signs Collection, Tracking and Cloud-Based Data Logging at Industrial Entry Points	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			423-429	2025
514	Yelamasetti B.; Santhi Sree N.; Sonar T.; Naveen Kumar P.	Double side friction stir welding of AA6061-T6 alloy plates: microstructure, mechanical properties and corrosion resistance of joints	Journal of Adhesion Science and Technology	39	21	3163-3182	2025

515	Gurrapu N.; Krishna J.S.V.G.; Ram Pavan Kumar V.T.M.; Dhumpati R.; Mantena J.S.; Reddy Penubaka K.K.	Effective Summarization Techniques for Legal Document Analysis	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			26-33	2025
516	Balaram A.; Reddy B.V.; Sree K.L.; Kumar V.P.; Kumar D.V.; Reddy K.V.K.	An Improved LSTM-CRF Based Method for Sentiment Analysis Through Knowledge Based Integration	Proceedings of the 2025 12th International Conference on Computing for Sustainable Global Development, INDIACom 2025			-	2025
517	Jyothsna K.; Pranavi J.; Prudhvi B.; Reddy K.R.; Meghana U.; Vishwanth A.	AI Powered Screening & Self-Diagnosis in Oral Health	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025			636-641	2025
518	Manjunatha; Srimani P.S.; Gupta M.; Suman B.; Mohammed M.W.; Divetia K.; Arun V.	Advanced AI Techniques for Restoring Historical Documents and Photographs with Generative Adversarial and Diffusion Models for Cultural Heritage Preservation	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			735-740	2025
519	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 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			770-775	2025
520	Bokka R.; Ali M.M.R.; Mouryashrith C.; Srinivas G.; Kumar K.D.S.; Himaithika R.	An Efficient Hybrid Model Based on Deep Learning Technique for Stock Price Prognostication	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
521	Saicharan T.O.; Devendra Reddy R.; Reddy P.V.; Ajay Chowdary G.; Sivakrishna K.; Kalakoti G.	AI-Driven Parcel Delivery System	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025			-	2025
522	Anandhi R.J.; Arun V.; Singh N.; Kumar P.S.; Rangaiah Y.P.; Sharma S.; Jabbar F.D.	Geospatial Analysis and Machine Learning for Site Suitability of Geothermal Energy Plants	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			718-723	2025
523	Balan G.; Pandey G.; Sirisha N.; Ziara S.; Thethi H.P.; Alekhya J.	Design and Implementation of Real-Time Wireless Sensor Network Protocols with Relay Nodes and Localization Methods for Efficient System Performance	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			763-769	2025
524	Senthil Kumar H.; Sirapu T.; Sivalingam T.; Penubaka K.K.R.; Reddy P.R.K.K.; Supriya P.L.	Investigating the Prediction of Cardiovascular Diseases using Different Machine Learning Methods	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			929-935	2025
525	Sushma B.; Chinniah P.; Ramesh P.S.; Mallala B.	An ECG signal processing and cardiac disease prediction approach for IoT-based health monitoring system using optimized epistemic neural network	Electromagnetic Biology and Medicine	44	3	325-347	2025
526	Vidhya B.V.; Geetha K.; Kiran A.; Nayak P.K.	Agrohydrological Crop Yield Prediction	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025

527	Behera S.K.; Panda K.; Krishna M.V.; Kishore Kumar Reddy P.R.; Supriya P.L.; Reddy Penubaka K.K.	Enhanced Diabetes Prediction Through Systematic Analysis of Machine Learning Techniques and Data Optimization	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1581-1588	2025
528	Saeed A.; Swetha K.; Singh N.; Yadav M.; Anandhi R.J.; Venkatraman A.	Implementing Blockchain for Transparent and Secure Financial Transactions in the Modern Business World	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			664-669	2025
529	Hundekari S.; Mittal T.; Dutt A.; Bhavana M.; Kumar R.; Nijhawan G.	AI-Driven Solutions for Predictive Maintenance in Smart Transportation Systems	IEEE International Conference on "Computational, Communication and Information Technology", ICCCI 2025			572-577	2025
530	Veerasekharreddy B.; Thatha V.N.; Vaishnavi M.; Priya C.K.; Rohan G.S.; Kishore J.	An Enhanced Distributed DoS Attack Classification in Digital Transactions using Hybrid Machine Learning Algorithms	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			585-589	2025
531	Kumar J.; Soni D.K.; Nijhawan G.; Nagaraju K.C.; Abedi T.A.A.U.; Subhashini P.	Hybrid Machine Learning and Deep Learning Models for Mental State Classification Using EEG and ECG Signals	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			698-704	2025
532	Devi V.S.A.; Agrawal P.; Sengar R.S.; Nagpal A.; Abedi T.A.A.U.; Mouli K.C.; Sangeetha A.	Designing Intuitive User Interfaces in Human-Computer Interaction for Enhanced Digital Experience	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			637-643	2025
533	Velpula V.K.; Prasad S.V.S.; Vadlamudi J.; Gurralla S.; Priya A.V.; Srinidhi K.	Chilli Leaf Disease Prediction System using Deep Learning Model	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025			-	2025
534	Jayakarthish R.; Gopinath D.; Begum M.A.; Fuladi A.D.; Balaram A.; Raja Ch.	EnvHealthNet: A Multi-Modal Machine Learning Model for Commercial Environmental Health Risk Prediction	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025			1121-1128	2025
535	Lavuri N.R.; Surendra L.; Devana V.N.K.R.; Dharavath K.; Reddy G.K.; Navya A.; Srilatha K.	Analysis of Waveguide Based BPF for Direct Broadcast Satellite Service Applications	International Journal of Microwave and Optical Technology	20	3	298-305	2025
536	Thatha V.N.; Veeraseshreddy B.; Dastageer G.; Ahmad A.; Nikitha M.; Akshitha S.	An Integrated Transfer Learning Model for American Sign Language Recognition	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			936-941	2025
537	Yadagiri A.; Talagadadeevi S.R.; Subrahmanyeswara Rao S.V.B.; Rao B.J.; Inthiyaz S.; Prakash N.N.; Rajanna B.V.; Kumar C.A.	Solar and battery input super boost DC-DC converter for solar powered electric vehicle	International Journal of Applied Power Engineering	14	2	479-487	2025
538	Chamundeswari G.; Potluri P.; Kandewar P.; Palthiya L.; Goriparthi R.; Upadhyay S.	CognitivePathway: A Framework for Early Alzheimer's Disease Detection Using Pattern Recognition and Neural Insights	Proceedings of the 2025 3rd International Conference on Inventive Computing and Informatics, ICICI 2025			1127-1133	2025

539	Balagani Y.; Pitta S.S.; Kiran Kumar Reddy P.; Vallem S.; Rekha Ch.K.; Muhammed Abraar S.A.	Hybrid Ensemble Machine Learning Combined with Grey Wolf Optimization for Superior Breast Cancer Prediction	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			936-941	2025
540	Sowmya G.; Sridevi R.; Rao K.S.S.	From Concept to Reality: Implementing Blockchain Solutions in Pharmaceutical Supply Chains	Transforming Pharmaceutical Research With Artificial Intelligence			337-362	2025
541	Smitha B.S.; Agrawal K.; Singh N.; Gupta N.; Thandra N.; Mohammed M.W.	An Intelligent IoT System for Health and Home Safety for Elderly People	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			1239-1244	2025
542	Naga Satish G.; Jadala V.C.; Sravani K.G.; Allam S.; Shanmuga Sundari M.; Thada J.	Groundwater Level Forecasting using Spatio-temporal Graph Convolutional Networks (GCNs) and XGBoost	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1078-1083	2025
543	Gnanasekaran R.K.; Karuppasamy A.; Manoharan S.; Sasikumar M.; Arputharaj B.S.; Subramanian M.; Rajendran P.; Raja V.	EXPERIMENTAL STUDIES ON MECHANICAL CHARACTERIZATIONS OF CARBON FIBER AND GLASS FIBER-REINFORCED POLYMER AND NATURAL MATRICES BASED COMPOSITES	Composites: Mechanics, Computations, Applications	16	4	1-25	2025
544	Bharathi P.S.; Judgi T.; Pradeep D.; Arulananth T.S.; Sunheriya N.; Odeh M.	A Real-Time Development of an Internet of Things (IoT) based Smart Helmet to Identify Road Accidents using Smart Sensors Association	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			532-538	2025
545	Temara S.; Bhagyalakshmi L.; Suman S.K.; Shakunthala M.; Chitra N.T.; Golla K.	Cryptography Innovations for Securing Data in the Quantum Computing Era: Integrating Machine Learning for Enhanced Security	ICCECE 2025 - International Conference on Computer, Electrical and Communication Engineering			-	2025
546	Sahoo S.; Bisoy S.K.; Mallick P.K.; Satyam; Bokka R.	Evolutionary Algorithms for Cardiovascular Disease Prediction: A Comprehensive Review	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
547	Shrivastava A.; Kansal V.; Nagpal A.; Manjunatha; Dixit K.K.; Rajkumar K.V.	AI-Powered Object Detection for Autonomous Vehicles: A Comparative Study of Machine Learning Models	IEEE International Conference on "Computational, Communication and Information Technology", ICCCI 2025			612-617	2025
548	Thethi H.P.; Reddy N.V.U.; Sengar R.S.; Dashyam P.; Mounika T.; Abedi T.A.A.U.; Sharma G.	Design and Implementation of Signal Processing for 2D Scanning Radar with Multi-Reflection Detection Using 60 GHz NRD Guide Pulse Radar	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			712-718	2025
549	Goyal H.R.; Shrivastava A.; Dixit K.K.; Nagpal A.; Reddy B.R.; Kumar J.	Improving Accuracy of Object Detection in Autonomous Drones with Convolutional Neural Networks	IEEE International Conference on "Computational, Communication and Information Technology", ICCCI 2025			607-611	2025
550	Raj V.H.; Shubhra; Al-Rubaye T.M.K.; Siri D.; Sirisha N.; Dutt A.	Enhancing Strategic Marketing with AI-Driven Insights into Dynamic Preferences and Decision Patterns	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			624-630	2025

551	Sandeep D.; Sahithi D.; Jinna A.S.; Ananya Padmavathi V.; Kishore G.U.	A Blockchain based Reputation System for E-Commerce Protecting Vendor Identities and Data	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025			91-98	2025
552	Kumar J.P.; Reddy N.V.R.; Mallikarjuna K.; Anusha N.; Harshika D.	XPrize Meets Kickstarter	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025			-	2025
553	Endla P.; Pure R.S.; Soni A.; Andal C.; Jagadeeswari D.; Devi K.N.	Intelligent 5G Evolution: AI-Augmented Hybrid Model with Network Slicing and Autonomous Self-Healing for Future-Ready Connectivity	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			839-846	2025
554	Pradeep Kumar J.; Thatha V.N.; Nandini C.; Gowthami Y.; Sahithya G.; Gowtham B.	A Privacy-Preserving Blockchain Framework for Personal Data Sharing	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025			1313-1316	2025
555	Agarwal P.; Reddy B.R.; Shakir S.A.; Raju H.; Kumari B.G.; Kansal L.	Semantic Attribute Mapping for Zero-Shot Object Classification in Deep Learning Networks	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			757-762	2025
556	Krishna K.S.; Vaishnavi K.; Ahash A.; Upendra U.; Krishna V.S.; Kashi S.P.	Enhanced Battery RUL Prediction using Hybrid Deep Learning and Attention Based CNN Model	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025			-	2025
557	Kumutha K.; Nandhini K.; Chinnasamy P.; Samrin R.; Saranya S.; Degala D.P.	Personalized AI Framework for Monitoring Pregnancy Nutrition and Diabetes-Friendly Diet with Real-Time Water Tracking	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025			-	2025
558	Peneti S.; Swapna N.; Bhavana M.; Vadlamudi S.; Rani B.P.; Manyam T.	Blood Glucose Prediction from Nutrition Analytics using ML	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			1788-1795	2025
559	Nirmaladevi K.; Karkuzhali S.; Juliet A.H.; Palanivel S.; Devi P.Y.; Syambabu V.	Deep Learning Model Defense Against Manipulative Adversarial Attacks: An Investigation on Adversarial Robustness Techniques	2025 Global Conference in Emerging Technology, GINOTECH 2025			-	2025
560	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 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			724-729	2025
561	Kiran A.; Abhijit P.; Chary V.G.; Kumar B.K.; Shivamani Y.V.; Vivek R.	Real-Time Urban Flood Forecasting and Alert System	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
562	Krishna Chaitanya M.; Kondaveeti S.; Yedukondalu J.; Ramesh M.; Vijaya Sri Bolisetty V.; Yedukondalu U.; Karumuri S.R.	Automatic Classification of Atrial and Ventricular Arrhythmias Using Scaled Bidirectional LSTM	IEEE Sensors Journal	25	14	27485-27494	2025

563	Rao K.N.; Swaroop C.; Prasad M.V.D.; Harshitha M.; Sravani G.N.	Gain enhancement of antenna using novel meta-surface structures for 5G mm wave application	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			341-346	2025
564	Prasad K.S.; Aravinda K.; Singh J.; Singla A.; Kumari S.; Ziara S.; Karuna G.	Integrative Optimization Framework for Strategic Distributed Generation Placement and Sizing to Enhance Loss Minimization and Voltage Stability in Power Distribution Networks	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			567-572	2025
565	Viharika S.; Vaishnavi N.; Navya M.; Vaishnavi G.; Moosa M.R.	Secure and Decentralized Inter-Organizational File Sharing using Attribute-Based Encryption and Blockchain Technology	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025			100-107	2025
566	Arun B.; Brahmayya M.; Sreenivasulu R.; Sravani D.; Dodda S.; Kapavarapu R.K.; Krishnaswamy S.	Rational Design and Synthesis of 1,2,3-Triazole Incorporated Oxazolo[5,4-d] Pyrimidine Derivatives: In-Vitro Cytotoxicity and In-Silico Molecular Docking Simulations	Polycyclic Aromatic Compounds	45	8	1515-1535	2025
567	Velpula V.K.; Reddy K.R.; Prakash K.N.; Jasmine K.P.; Sri V.J.	Optimizing Brain Tumor Classification: Integrating Deep Learning and Machine Learning with Hyperparameter Tuning	Engineering Proceedings	87	1	-	2025
568	Lavuri N.R.; Leelashyam V.; Shankar B.; Kumar V.S.; Nallametti N.; Reddy G.K.	Brain Tumour Identification using Deep Belief Networks: A Resilient Deep Learning Technique	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025			1240-1245	2025
569	Chinnasamy P.; Nirmala V.; Reddy B.R.S.; Rao R.V.V.N.B.; Udhayakumar A.; Degala D.P.	Early Alzheimer's Disease Stage Identification and Categorization Through Deep Learning	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025			1146-1152	2025
570	Gopikrishna V.; Srinidhi D.; Roshith S.; Ramakrishna C.; Saikrishna A.	Integrated Machine Learning and Rule-based Approach for Accurate Money Laundering Detection in Banking	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025			1069-1075	2025
571	Chandrashekar R.; Rangaiah Y.P.; Nijhawan G.; Mekala B.; Al-Allak M.A.; Garg M.; Awasthi A.	ML-Enhanced Predictive Maintenance for Motor Drives: A Time Series Forecasting Approach	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			712-717	2025
572	Devi V.R.; Singh R.; Aravind K.; Kumar P.P.; Anitha G.	Transforming Teaching Practices: The Critical Role of Teaching-Learning Centers in Academic Institutions	Journal of Engineering Education Transformations	38	Special Issue 2	546-549	2025
573	Sushma K.; Valli Priyadarshini K.; Chandrakala V.; Gunasundari B.; Macherla H.; Ranjith K.	Enhanced Bone Fracture Detection through Deep Learning-Based Multi-Scale Feature Fusion	APCI 2025 - 2025 International Conference on Advancements in Power, Communication and Intelligent Systems			-	2025
574	Prasad S.V.S.; Bhavya C.; Kumar M.	IOT based robotic solutions for hospital security using ESP32 microcontroller	Recent Trends in VLSI and Semiconductor Packaging			320-325	2025

575	Kumar R.; Upadhyay S.; Ranawat G.	Raks M Plus: Pioneering the Future of Programming with Unmatched Efficiency and Innovation	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025			59-66	2025
576	Meena T.; Devi V.S.A.; Nagpal A.; Srivasatava P.; Ziara S.; Sailaja V.	Adaptive Emotion Recognition Framework Leveraging Lightweight Convolutional Networks and Fuzzy Logic for Enhanced Interpretability and Efficiency in Low-Resource Environments	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			808-813	2025
577	Kukreti S.; Shrivastava A.; Chandrashekar R.; Rani K.P.; Badhoutiya A.; Lakhanpal S.	AI-Driven Clinical Decision Support Systems: Revolutionizing Healthcare with Predictive Models	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			560-565	2025
578	Kiran A.; Anwar M.Z.; Samyuktha U.S.; Valaboju S.; Mounika M.; Reddy M.A.	Advanced Traffic Flow Optimization for Intelligent Transportation System	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
579	Gopal K.; Shubhra; Gupta M.; Rao M.S.; Abedi T.A.A.U.; Smitha K.	Enhancing Renewable Energy Management with Neural Networks and Blockchain Technology	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			1245-1250	2025
580	Alapati S.R.; Gurram S.C.; Rekha Ch.K.; Reddy P.R.K.K.; Shaik R.; Reddy P.K.K.	Enhancing Brain Tumour Classification: Integrating Neural Networks with LightGBM for Optimized Text-Based Data Analysis	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1879-1886	2025
581	Nishitha P.; Sarika T.; Ashwini A.; Mounika T.; Kumar J.S.; Navya S.	Design and Development of an E-Commerce Application for Direct Farmer-to-Consumer Agricultural Trade	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
582	Rao K.R.; Perumalla S.; Samrin R.; Latha S.B.; Shekar K.; Chandraprakash V.	Medical Image-Based Cancer Diagnosis and Detection Using Deep Learning	2025 3rd International Conference on Communication, Security, and Artificial Intelligence, ICCSAI 2025			1315-1320	2025
583	Janakiraman V.; Ahmad S.; Revathi V.; Dutt A.; Rani K.P.; Al-Rubaye T.M.K.; Bobba P.B.	Evaluating Electric Vehicle Charging Impacts on Distribution Grid Stability and Efficiency Through Adaptive Load Management Strategies	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			591-596	2025
584	Sharma S.; Sudarsan P.; Mark S.S.; Midasala V.; Abhilash K.S.; Durani H.	Genetic Algorithm-Optimized Bit Plane Slicing for Adversarial Attack Resilience in Machine Learning with Efficient Parallel Defense	2025 Global Conference in Emerging Technology, GINOTECH 2025			-	2025
585	Ramu T.B.; Cheerla S.; Kallakunta R.K.; Mohan K.K.; Inthiyaz S.; Prakash N.N.; Rajanna B.V.; Kumar C.A.	Speed control of BLDC motor using PID controller	International Journal of Applied Power Engineering	14	2	401-411	2025
586	Kamma V.; Swathi D.; Kulkarni S.; Lourens M.; Bala A.; Dhanraj J.A.	Cognitive Computing for HR Decision-Making Processes	2025 6th International Conference for Emerging Technology, INCET 2025			-	2025

587	Bharathi K.S.; Balaram A.; Manepally H.; Undru E.B.; Charan D.R.; Harini A.	Environmental Feature Selection for Improving Accuracy in Crop Prediction using Machine Learning Algorithms	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
588	Lavanya Y.; Mohandas R.; Srivastava S.S.; John Y.M.M.; Gopinath D.; Upadhyay S.	EdgeCipherVault: A Hybrid Encryption-based Model for Securing Data in Wireless Sensor Networks	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDCI 2025			1494-1501	2025
589	Singh N.; Swetha K.; Al-Rubaye T.; Bahar T.; Rajalakshmi B.; Anuradha K.	Enhancing Patient Privacy and Data Security in Remote Healthcare Monitoring Using IoT and Wearable Technologies	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			657-663	2025
590	Sowmya G.; Sridevi R.; Sadasivarao K.S.	Smart Contracts and Automating Leadership Functions	Leadership Paradigms and the Impact of Technology			361-380	2025
591	RajaSekhar Reddy N.V.; Veerasekharreddy B.; Kumar J.P.; Kalavari S.K.; Samayamantri S.; Dubey R.K.	ForeStock: Smart Sales Quantity Forecaster for Warehouse Stock Management	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025			448-452	2025
592	Chinnasamy P.; Sivakrishnaiah C.; Anjali T.; Kambalapelly A.; Rao P.V.; Degala D.P.	Managing Network Security in IT Sector using the Suricata	Proceedings - 3rd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2025			1721-1728	2025
593	Sowmya G.; Rao M.K.; Saichaitanya B.; Kumar R.S.; Bala M.R.	Pain-VR : Virtual Reality for Pain Relief	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			1619-1624	2025
594	Rajasri K.; Kiranbabu M.N.V.; Raja B.S.; Parvez M.; Reddy G.R.K.; Prakash N.N.; Ahammad S.H.; Rajanna B.V.	Power quality enhancement for a grid connected wind turbine energy system with PMSG	International Journal of Applied Power Engineering	14	2	392-400	2025
595	Suneel S.; Yadav R.K.; Nirmala Devi K.; Teja sree B.; Aarthi R.; Upadhyay S.	Edge Intelligence Hybrid Framework for Real-Time IoT Applications using Multi-Stage Adaptive Processing Methods	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			380-386	2025
596	Thomas A.K.; Viji A.J.; Gunavardini V.; Balakrishna B.; Mishra S.; Lathigara A.	Optimizing Energy Efficiency in Smart Healthcare Systems using an Improved Enumeration Algorithm for 5G-IoT	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCICE 2025			-	2025
597	Panda B.; Nanda L.; Jena C.; Pradhan A.; Jose J.K.; Mrudula T.; Arthi M.; Dinakarraj C.K.	PFC of AC/DC Boost Converter with Different Control Techniques	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025			1648-1653	2025
598	Chinnasamy P.; Lokesh G.; Shermy R.P.; Subbulakshmi R.; Lavanya S.; Degala D.P.	Enhancing Diabetic Patient Care: Neural Network-Based Models for Readmission Prediction	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025			603-609	2025

599	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 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			1233-1238	2025
600	Naik S.K.L.; Pavan M.S.; Kumar V.P.; Kumar A.P.; Naik D.Y.K.; Veeresh A.	Developing a Blockchain Based Framework for Safeguarding Banking Transactions	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
601	Jayasri N.; Santosh Kumar B.; Singh N.; Singh A.; Al-Rubaye T.M.K.; Rao M.	A Hybrid Swarm Intelligence Model for Efficient Query Optimization in Distributed Databases Using Genetic and Ant Colony Algorithms	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			820-825	2025
602	Miriyala G.; Mallaiah R.; Sathyaprasad A.K.; Vejandla K.; Vakamulla V.M.	A Low-Complex and Power-Efficient Optical OFDM for VLC Systems	Journal of Lightwave Technology	43	9	4156-4164	2025
603	Shiva Prakash S.; Garg S.; Lakhanpal S.; Smitha K.; Al-Rubaye T.; Adilakshmi J.	Adaptive Evolutionary Algorithm for Dynamic Traveling Salesman Problem Optimization Leveraging Real-Time Gis Data Integration	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			1264-1269	2025
604	Kumar C.A.; Prasad S.V.S.; Raj K.M.; Prakash G.C.	Ensuring trustworthy elections with dual biometric verification using facial and fingerprint recognition	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			256-261	2025
605	Babu Rao K.; Sridevi N.; Bandela H.B.; Penubaka K.K.R.; Reddy P.R.K.K.; Supriya P.L.	Deep Learning for Diabetic Retinopathy: A SqueezeNet-Based Approach with Data Augmentation for Enhanced Detection	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1246-1252	2025
606	Kotiyal A.; Shrivastava A.; Nagpal A.; Manjunatha; Dixit K.K.; Reddy R.A.	Design and Evaluation of IoT Prototypes: Leveraging Test-Beds for Performance Assessment and Innovation	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			814-820	2025
607	Shirisha N.; Sandeep P.; Sudha N.; Himabindu P.; Sai S.D.R.; Ganesh A.	Plasticart: Revolutionizing Plastic Recycling Through Technology Using Advanced Classification Methods	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
608	Rani K.P.; Harshita Y.S.; Reddy N.C.; Surendranath M.; Kumar P.K.	Hate Speech Detection Based on Deep Learning by Fusion Approach	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
609	Jain U.; Boob N.S.; Bhavana M.; Kumar Y.; Sehgal A.; Anandhi R.J.	Machine Learning Algorithms for Autonomous Underwater Vehicle (AUV) Navigation	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			589-594	2025
610	Kumar S.; Kameswari Y.L.; Moram V.; Pasha M.	Adaptive Learning in Modern Education Systems Leveraged by AI and Blockchain	Blockchain and AI in Shaping the Modern Education System			44-71	2025

611	Raj V.H.; Kumar P.L.; Pandey K.; Prashant K.; Kalyani S.; Najm R.; Nijhawan G.	Adaptive Machine Learning Models for Enhanced Renewable Energy Forecasting and Grid Stability	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			753-758	2025
612	Jayasri N.; Manasa G.; Anusha K.; Jyothi G.; Donthi R.K.; Medishetti S.K.	EFBOA: Optimizing Resource Utilization in Cloud Environment using Meta-Heuristic Scheduling Algorithm	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025			120-127	2025
613	Naidu U.G.; Jyothsna T.; V T Ram Pavan Kumar M.; Shaik R.; Penubaka K.K.R.; Meena Devi R.	Optimizing Multi-Hop Wireless Networks: Cross-Layer Approaches for Secure and Efficient IoT Communication	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025			865-869	2025
614	Lingaiah S.; Niveditha A.; Vamshi C.; Biswas D.; Bhargava T.; Karthikey G.	Predictive Autism Analysis: Integrating CNN and RNN with Ensemble Learning	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
615	Kiran A.; Sharma M.; Kumari D.S.D.; Punithasree K.S.; Rao V.S.; Balakumar A.	Improving Artificial English Academic Paper Summarization employing Cutting-Edge Transformer Models	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025			-	2025
616	Bharathi P.S.; Judgi T.; Pradeep D.; Arulananth T.S.; Samhan A.A.A.; Giri J.	A Novel Internet Of Things (IoT) Enabled Women Safety System Design with Emergency Alert Mechanism	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025			-	2025
617	Indumathi V.; Ram Pavan Kumar V.T.M.; Srilakshmi Ramya S.; Divya Ch.H.; Sahith R.; Gopikrishna V.	Hybrid RF-DNN-LSTM Ensemble for Short-Term Solar Energy Forecasting	Proceedings of 8th International Conference on Inventive Computation Technologies, ICICT 2025			626-631	2025
618	Balaram A.; Silparaj M.; Sree K.L.; Pramodh Kumar V.; Kumar D.V.; Venu Kumar Reddy K.	An enhanced LSTM-CRF based approach for Knowledge Integration based Sentiment Analysis	Proceedings of 2025 3rd International Conference on Intelligent Systems, Advanced Computing, and Communication, ISACC 2025			647-652	2025
619	Krishna K.S.; Yalamanchili L.P.; Kanaparthi S.K.; Anirudh K.; Sathwik B.; Nithin C.	Design And Implementation of AIC ontrolled Robotic Arm	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025			-	2025
620	Praveen R.V.S.; Hundekari S.; Parida P.; Mittal T.; Sehgal A.; Bhavana M.	Autonomous Vehicle Navigation Systems: Machine Learning for Real-Time Traffic Prediction	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025			809-813	2025
621	Bharathi P.S.; Arulananth T.S.; Pradeep D.; Judgi T.; Al-Safarini M.Y.; Giri J.	Experimental Evaluation of Artificial Intelligence Powered Smart Bus Ticket Generation System using Internet of Things and RFID	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025			-	2025
622	Poornima P.U.; Kumar Rai A.; Goswami A.; Durani H.; Reddy A.S.; Arulananth T.S.	Data-Driven Approaches for Stability Analysis and Real-Time Load Frequency Control in Islanded Microgrid Systems	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025			-	2025

623	Shukla T.D.; Balkhis Banu S.; Alazzam M.B.; Kumar V.; Kiran A.; Balakumar A.	Revolutionizing Athletic Training with Machine Learning: Injury Prediction Using Predictive Analytics and Customized Workouts Through Personalization Algorithms	Proceedings of 2025 3rd International Conference on Intelligent Systems, Advanced Computing, and Communication, ISACC 2025			937-941	2025
624	Viharika S.; Hiranmayee N.; Srilatha B.; Chandu S.; Nagendra U.	Comparative Study of Deep Learning Models for Sentiment Classification in YouTube Comments	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025			739-745	2025
625	Naveen Y.; Kasturi S.B.; Ramya Ch.; Gayathri B.; Medishetti S.K.	BACOA: Meta Heuristic Driven Hybrid Scheduling Algorithm for Improved Resource Allocation in Cloud Environment	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1787-1794	2025
626	Kate C.; Deepika G.; Sravya M.N.; Bokka R.; Kumar S.K.; Ganesan S.	Enhanced Diabetes Diagnosis Using Ensemble Classifiers with Explainable AI and Oversampling for Imbalanced Data	2025 5th International Conference on Intelligent Technologies, CONIT 2025			-	2025
627	Shirisha N.; Vasanthi G.; Anuradha K.; Shashank P.S.; Sai Kiran P.J.; Dinesh M.	Facial Recognition for Locating Missing Child Using CNN Algorithm	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
628	Kumar A.; Awasthy N.; Jose A.S.; Ramesh G.; Gupta M.; Srinija K.; Najm R.	The Intersection of Algorithms, Automata Theory, and Formal Languages in Computational Theory	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			691-697	2025
629	Asha V.; Garg S.; Gupta M.; Sharma S.; Reddy K.J.; Mohammed M.W.	Parkinson's Diagnosis Through the Use of AI Through Speech and Gait	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			1257-1263	2025
630	Swathi A.; Priyanka P.; Sneha S.; Banka V.R.; Sagar G.; Shaik R.	Enhanced Deep Fake Detection Using Deep Learning	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
631	Agrawal P.; Rangaiah Y.P.; Nagpal A.; Asha V.; Laxmaiah P.; Sharma S.; Mohammed B.F.	Federated Learning for Secure and Collaborative Power System Data ANALYSIS: Balancing Accuracy and Privacy in Decentralized Environments	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			759-764	2025
632	Veerasekharreddy B.; Thatha V.N.; Reddy R.B.K.; Kumar R.S.; Reddy K.K.; Kumar H.P.	Enhancing Intra-Vehicle Network Security using Intelligent Data-Driven Models	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			508-511	2025
633	Devananda Rao B.; Madhukar G.; Reddy B.N.; Voni S.K.; Snehith Venkata Kumar N.	Comprehensive AI-Powered Healthcare Management System	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			1017-1022	2025
634	Latha B.M.; Devi S.S.; Thrimurthulu V.; Chenniappan L.; Swetha D.; Saravanakumar R.	Federated Learning and LSTM-Based Approach for Privacy-Preserving Workforce Management in Global Human Resource Systems	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025			-	2025

635	Chinnasamy P.; Pranavdev P.S.; Sivakrishnaiah C.; Sathiya T.; Alam I.; Degala D.P.	Design and Implementation of an IoT-based Emergency Alert and GPS Tracking System using MQTT and GSM/GPS Module	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025			1286-1291	2025
636	Navya S.; Mohammad H.; Lakkakula S.; Gopi A.; Bharati P.S.; Nishitha P.	Improving Neonatal Care with NEONATALAI: A Comprehensive Deep Learning Framework for Early Prediction and Diagnosis of Neonatal Diseases in Intensive Care Units	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
637	Bharathidevi B.; Ravi K.C.; Srilatha K.; Kumar K.P.; Srilakshmi M.	Circular Spokes Frequency Reconfigurable Antenna For S/C/X/K/Ku-Band	3rd International Conference on Microwave, Antenna and Communication, MAC 2025			-	2025
638	Praveen R.V.S.; Maindola M.; Anandhi R.J.; Thandra N.; Bansal S.; Sharma V.	Deep Learning Techniques for Object Detection in Underwater Environments	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			595-600	2025
639	Thrimurthulu V.; Gagan Kumar K.; Srinivasulu M.; John Samuel Babu G.	Advanced automatic healthcare monitoring system for IoT-based context-aware architecture using optimized periodic implicit generative adversarial networks	Smart Science	13	4	532-544	2025
640	Bokka R.; Priya D.V.; Srikanth G.; Parshapu P.; Sai Kumar N.S.; Jahnvi K.	AI-Driven Real-Time Surveillance for Dynamic Activity Monitoring	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
641	Singh N.; Devi R.; Singh J.; Rajalakshmi B.; Mohammed M.W.; Thandra N.; Vidyadhari C.	AI-Powered 6G Networks: Transforming Wireless Communication with Intelligence and Terahertz Waves	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			744-750	2025
642	Kiran A.; Lavanya C.; Arunsai D.; Shalini V.; Koushik P.S.; Koushik A.V.	Secure Biometric Voting System using Deep Learning and IOT	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
643	Karthiyayini J.; Jain A.; Prasad K.S.; Abedi T.A.A.U.; Prasanna Y.; Murugesan K.	Flood Prediction and Adaptive Farming Solutions Using IoT, Machine Learning, and Remote Sensing for Climate-Resilient Agriculture	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			777-782	2025
644	Krishna V.S.; Manasa K.; Sreeja J.; Jaswitha A.; Nandita S.; Swethan K.S.	DeepDerm: Skin Cancer Detection Using Deep Learning	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
645	Shukla P.K.; Varkale A.; Soni J.; Bhavana M.; Tanna P.; Manjuvani M.	A Metaheuristic Knapsack Approach for Edge Server Assignment in 5G Networks with Diverse Edge Measurements	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025			-	2025
646	Kumar R.; Upadhyay S.; Ranawat G.; Kumar B.; Kumar A.; Kumar S.	Raks. SK v1.0 - A Secure and Trackable QR Framework with Embedded Metadata and Real-Time Validation	2025 5th International Conference on Intelligent Technologies, CONIT 2025			-	2025

647	Bhavana M.; Rao K.S.	Deep learning models for crop yield prediction in South India based on climate change	International Journal of System Assurance Engineering and Management			-	2025
648	Dhasmana G.; Sharma V.; Boob N.S.; Aravind K.; Reddy R.A.; Yadav K.	Securing Wireless and Optical Networks: Advanced Strategies for Network and Information Security in Modern Communication Systems	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			956-961	2025
649	Praveen R.V.S.; Mittal M.; Parida P.; Begum R.; Kumar Y.; Nijhawan G.	Deep Learning Applications for Detecting Crop Diseases from Image Data	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			566-571	2025
650	Ajmera S.; Singh P.; Babaiah C.; Reddy D.A.; Rao L.B.S.	Improving coal mining efficiency and safety by monitoring equipment in real-time using a nano 33 BLE sense lite	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			379-384	2025
651	Gurulakshmi A.B.; Vybhavi G.Y.; Singh J.; Prashant K.; Srinija K.; Jabbar F.D.; Kansal L.	Employing Machine Learning to Drive Innovative Strategies for Enhanced Organizational Performance	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			801-807	2025
652	Swain M.K.; Kamila N.K.; Jena L.; Bokka R.; Chithaluru P.	AutoGluon-Assisted Multi-Stage ML Pipeline for Early Diagnosis of Complex Diseases Using Genomic and EHR Data	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
653	Lavuri N.R.; Srinivas Rao J.; Shankar B.; Manothini P.; Kumar V.S.; Karthik Reddy G.	Deep Learning Method for Lung Cancer Diagnosis and Nodule Classification Using Neural Networks	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025			1710-1714	2025
654	Rani B.S.B.P.; Narendra G.H.; Rajkumar K.V.; Chowdary S.M.; Mihir Y.; Krishna M.	Study of Various Routing Algorithms and Their Security Challenges in VANETs	Smart Innovation, Systems and Technologies	417		397-405	2025
655	Priya D.D.; Sreeya M.N.; Sanjana A.; Sunitha M.; Sarayu P.; Swamy M.K.	Revolutionizing Organ Allocation: A Blockchain Approach to Transparency and Security	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
656	Pavan Kumar V.S.; Babu Rao K.; Divya Sundar V.S.; Koti Mani Kumar Tirumanadham N.S.; Praveen Kumar V.; Sunil Varma K.V.	Optimizing House Price Prediction Models: A Hybrid Approach using GWO-Feature Selection and CatBoost Tuning	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025			649-656	2025
657	Reddy B.V.; Sharma T.; Lakhanpal S.; Swami R.; Najm R.; Anuradha K.; Sharma K.	Adaptive Evolutionary Neural Networks for Resilient Anomaly Detection in Decentralized Swarm Robotic Communication Systems	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			573-578	2025
658	Murugeswari S.; Dhote V.; Rai A.; Karthik M.; Reddy A.S.; Arulananth T.S.	Stability Improvement in Microgrid Systems using Bio-Inspired Optimization Methods: An Investigative Approach	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025			-	2025

659	Sirisha U.; Bikku T.; Radharani S.; Thatha V.N.; Praveen S.P.	Utilizing Transformers for Enhanced Disaster Response in Multimodal Tweet Classification	International Journal on Engineering Applications	13	1	76-84	2025
660	Naik S.K.L.; Soundharya J.; Lohitha E.; Ratnasirisha M.; Mallesh J.	A Deep Learning Based Security Enhancements in Software Defined Networks	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
661	Sri N.J.; Deekshitha K.; Shaikh A.T.	AI-Based Real-Time Hand Sketch to Digital Image Transformation with Virtual Canvas	Proceedings - 3rd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2025			1400-1409	2025
662	Rao S.; Awasthy N.; Asha V.; Nijhawan G.; Singh G.; Albawi A.; Annapoorna E.	Probabilistic Modeling and Uncertainty Quantification of Harmonic Distortions in Grid-Integrated Inverters Through Bayesian Neural Networks	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			585-590	2025
663	Krishna B.M.; Sara S.; Reena P.; Tejasvi S.S.; Chandra S.B.	Echsign-Integrating Sign Language Into Text and Speech	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
664	Rao C.U.; Sadhana B.; Ashwitha B.; Reddy B.S.; Kumar M.S.	Empowering Food Safety with Blockchain: A new Era of Organic Food Supply Chain Management	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025			-	2025
665	Ali M.A.; Kumar M.S.; Reddy K.A.; Sekhar G.C.; Naveen K.	EHR: Patient Electronic Health Records Using Blockchain Security Framework	2025 International Conference on Circuit, Systems and Communication, ICCSC 2025			-	2025
666	Purushotham K.; Rachamalla S.; Prasad S.V.S.; Reddy G.K.; Pinnamareddy U.; Rao T.S.V.	Optimizing Node Coverage in WSNs with Circular LEACH Clustering for Energy Efficiency	4th Wireless, Antenna and Microwave Symposium, WAMS 2025			-	2025
667	Pavan Kumar V.S.; Yadla J.; Parvatham N.K.; Lokesh Kumar P.; Tulluri U.; Amrutha K.	Optimized Predictive Modelling for Chronic Kidney Disease: A Hybrid Ensemble Approach with Bacterial Foraging Optimization and SMOTE	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			988-994	2025
668	Najm R.; Awasthy N.; Kumari E.N.V.; Lakhannal S.; Sharma T.; Singh A.; Prashanthi B.	Pioneering Privacy-First Approaches in IoT Healthcare with Secure Wearable Monitoring Systems	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			684-690	2025
669	Bharathi L.; Bhagyalakshmi L.; Bhavanam S.N.; Sindhuja M.; Abhilash K.S.; Lathigara A.	An Innovative Approach for Efficient Detection and Classification of Malware in 5G-IoT Healthcare Systems	2025 Global Conference in Emerging Technology, GINOTECH 2025			-	2025
670	Chandini P.; Reddy K.D.; Sagar R.V.; Raj E.L.; Haasini K.; Reddy N.V.R.	A Contactless Real-Time System for Heart and Breathing Rate Estimation using Phase-based Video Motion Processing and Deep Learning	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025			843-850	2025

671	Silparaj M.; Vakkalanka V.S.; Kiran A.; Padmapriya D.; Kumar M.P.; Vinod T.	Enhanced Retinal Image Analysis Using Machine Learning Based Image Processing	Proceedings of the 2025 12th International Conference on Computing for Sustainable Global Development, INDIACom 2025				-	2025
672	Kumar G.R.; Soni A.; Naga Swaroopa C.; Ramesh R.; Upadhyay S.; Kumar N.M.	SmartShield: Harnessing Code Extraction and ML for Next-Gen Malware Detection	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025				-	2025
673	Shukla P.K.; Upadhyay P.; Sharma P.; Sandhya K.; Sinhgadiya C.; Chukka A.	Optimized Video Coding for Underwater Wireless Optical Communication using Neighborhood Correlation and Delta Encoding	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025				-	2025
674	Veerajyothi B.; Kumar L.S.; Gupta M.S.; Kannan K.R.; Vijayalakshmi R.; Kumar A.R.	Approximation of an Autonomous Navigation System in UAVs Based on Reinforcement Learning	2025 6th International Conference for Emerging Technology, INCET 2025				-	2025
675	Naresh G.; Venkateswara Reddy K.; B N V.; K A.; Janaki D.V.; Ramesh Babu B.; Satyanarayana M.V.N.V.	Influence of microstructure evolution on mechanical and tribological behaviour of accumulative roll-bonded Al 2014 alloy	Advances in Materials and Processing Technologies	11	4	3676-3690		2025
676	Budaraju R.R.; Jammalamadaka S.K.R.; Jammalamadaka S.B.; Duvvuri B.K.	Mining High Utility Item Sets Through a Swarm-Based Optimization Method	Contemporary Mathematics (Singapore)	6	3	3417-3432		2025
677	Shirisha N.; Shilpa K.; Meghana C.H.; Rahman M.A.	Knee Osteoarthritis detection and classification using a customized CenterNet with DenseNet201	Proceedings of 2025 3rd International Conference on Intelligent Systems, Advanced Computing, and Communication, ISACC 2025				805-809	2025
678	Shekar K.; Viswanadh K.K.; Varma V.S.; Sri K.V.; Aditya S.; Sahoo S.	AI-Powered Video Edit Pro	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025				-	2025
679	Salma Khatoon P.; Nirmala V.; Bhargavi K.N.; Banupriya N.; Cowsalya T.; Chinnasamy P.	Detection of IoT Botnet Attacks using Hybrid Deep Learning Models	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025				313-319	2025
680	Changala R.; Yasaswi K.R.; Farooq M.; Khan S.A.; Kiran A.; Muthuperumal S.	Advanced Facial Recognition with Behavioural Analysis for Intelligent Security Monitoring	2025 5th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2025				-	2025
681	Shukla P.; Gundlapalle R.; Ashlin Deepa R.N.; Srinija K.; Mohammed B.F.; Gupta M.	Transforming Multinational Enterprises in a Fragmented World the Intersection of Industry 4.0 Technologies and Geopolitical Dynamics in Finance and Operations	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025				670-676	2025
682	Shrivastava A.; Maindola M.; Kumar R.; Thethi H.P.; Sreeja S.P.; Sirisha N.	Leveraging Machine Learning for Early Detection of Cardiovascular Diseases	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025				548-553	2025

683	Kumar K.A.; Gunasundari B.; Ichangi R.M.; Arun Kumar S.; Philip J.; Saranya S.	Revolutionizing Brain Tumor Classification with Fusion-Driven Deep Learning Models	APCI 2025 - 2025 International Conference on Advancements in Power, Communication and Intelligent Systems			-	2025
684	Sundari Y.B.T.; Kohila R.; Sowmiya M.; Nallametti N.; Philip J.; Keerthana N.V.	Crop Disease Detection using Edge IoT Devices and YOLOv5-based Classification	Proceedings - 3rd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2025			207-212	2025
685	Subhashini P.; Veeresh G.; Lakhanpal S.; Sharma N.; Saeed H.Y.; Soujanya R.	Dynamic Knowledge Graph Construction for Real-Time Natural Language Understanding in Autonomous Systems	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			843-848	2025
686	Sandeep D.; Kopparthi N.; Tangella R.; Reddy N.R.K.; Neti R.	Enhancing Cloud Security with Efficient Biometric Authentication System	2025 5th International Conference on Intelligent Technologies, CONIT 2025			-	2025
687	Kumar P.S.; Swathika K.; Teja D.S.; Sahoo S.; Chanti B.; Sahana P.	Stress Detection Through Facial Expressions and Personalized Recommendations using Machine	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
688	Philip J.; Harshitha P.; Pallavi S.; Harshith T.; Harsha D.S.	Smart Dining Insights using Automated Food Review Analysis and Visualization on Google Maps	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025			1909-1914	2025
689	Rajalakshmi B.; Sreekanth S.; Nijhawan G.; Anusha K.; Mohammed B.F.; Sharma S.; Agrawal P.	Real-Time Load Forecasting and Demand Response Optimization Using Deep Learning	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			747-752	2025
690	Shrivastava A.; Bhadula S.; Kumar R.; Kaliyaperumal G.; Rao B.D.; Jain A.	AI in Medical Imaging: Enhancing Diagnostic Accuracy with Deep Convolutional Networks	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			542-547	2025
691	Nagamani A.; Sai K.S.; Kumar B.S.; Punna H.S.; Shafi M.; Sekhar K.C.	Online Sports Slot Reservation System with Realtime Weather Based Pricing and Team Matching	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
692	Nidumolu E.C.P.; Pittala R.K.; Yelamasetti B.	Mechanical and corrosion analyses of dissimilar weldments of AA6082 and AA5083 using CMT welding: a probability-based multi-objective optimization approach	International Journal on Interactive Design and Manufacturing			-	2025
693	Padmapriya M.; Shashidhar M.; RamPavanKumar V.T.; Basava Raju K.; Reddy Penubaka K.K.; Shaik R.	Energy-Efficient Task Offloading and Scheduling in Ultra-Dense MEC for 5G Networks	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings			1626-1631	2025
694	Arulananth T.S.; Sharma G.; Pithamber K.; Purushotham K.; Deepika G.; Bhargavi A.	Hardware implementation of virtual telepresence robot for medical services	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			221-224	2025

695	Kumar J.P.; Mahesh K.S.; Reddy G.C.V.G.; Jaideep K.; Reddy M.R.; Varshith B.	Automated Change Detection from Multi-Spectral Satellite Data	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025			-	2025
696	Arulananth T.S.; Jayanthi S.; Kiran P.S.; Chinnasamy P.; Kavitha S.; Saravanan K.	Secured certificate generation using LSB and hybrid watermarking using MATLAB	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			54-59	2025
697	Balakrishnan S.; Simonthomas S.; Prasad B.; Rao K.S.	Designing Intelligent Traffic Routing Systems for Autonomous Vehicles using the Deep Learning based Optimization Algorithm	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025			1735-1740	2025
698	Rajunaik M.; Arulananth; Ajmera S.; Sri M.D.; Praneeth K.S.; Sai P.M.	Autonomous live streaming video surveillance robot DHT11 sensor and sensor	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			252-255	2025
699	Raj P.M.P.; Vittapu S.K.; Chinnasamy P.; Gupta M.; Priyanka B.G.; Gajbhiye P.	Memristor-Fet Hybrid Circuits for Real-Time Electronic Applications	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025			-	2025
700	Selvavinayagam; Veeranki R.; Sastry M.H.H.; Kumar K.S.R.; Rajkumar K.V.; Padilam J.	User Behavior Patterns and Preferences in Data-Driven Corporate Communication: A Statistical Analysis	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025			1711-1716	2025
701	Anandhi R.J.; Kansal L.; Singh J.; Subhashini P.; Jabbar F.D.; Priya R.S.; Prasanna J.L.	Enhancing Emotion Recognition from Speech Signals Using Deep Learning and Open-Source Datasets	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			789-794	2025
702	Borah A.R.; Archana; Rani K.P.; Ziara S.; Lakhanpal S.; Vidyadhari C.	AI-Assisted Data Modeling and High-Resolution Image Synthesis: An Interactive Framework with Latent Diffusion Model Visualization	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			770-776	2025
703	Tirumanadham N.S.K.M.K.; Sekhar T.; Chandolu S.B.; Hymavathi J.; Rajkumar K.V.; Chiranjeevi P.	ElimRidge-HFM: A Mathematical Integration of Feature Selection, Boosting, and Hyperparameter Search for Enhanced Predictive Performance in E-Learning	Contemporary Mathematics (Singapore)	6	4	4459-4482	2025
704	Jyothi K.; Rekapalli L.; Usman M.; Yelamasetti B.; Zubairuddin M.; Mohammad Shareef S.K.; Mohan D.G.	AI-Driven FEM Analysis of Marangoni Convection in Carreau Nanofluids	International Journal of Energy Research	2025	1	-	2025
705	Sapthami I.; Meghana Y.; Nikitha A.; Banerjee P.; Kalyan S.B.P.; Karthik G.	Securepath: A Women-Centric Mobile Application for Personal Safety and Emergency SOS Assistance	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
706	Sivakrishna K.; Vaishnavi T.; Sai Vindhya E.V.; Mahitha P.; Shivani G.; Bhanuteja Reddy D.	Prediction of Alzheimer's Disease Progression using Attention U-Net	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025			1124-1129	2025

707	Gopal K.; Rao M.S.; Abedi T.A.A.U.; Gupta M.; Reddy G.V.; Kumar A.	Advanced Temporal Forecasting Models for Energy Consumption Prediction Using Recurrent Neural Networks and Additive Decomposition Techniques	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			751-756	2025
708	Mahipal S.; Shafi S.M.; Kumar P.S.; Rangasamy R.	Navigating Multilingual and Code-Mixed Challenges in Web Mining	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1063-1071	2025
709	Walia G.S.; Sathiya Priya S.; Karthikeya K.V.; Suresh D.; Sudheer P.; Syambabu V.	Improving Data Encoding for Enhanced AI Performance in Complex Datasets via Quantum Feature Space Mapping: Harnessing Quantum Algorithms	2025 International Conference on Pervasive Computational Technologies, ICPCCT 2025			985-990	2025
710	Gupta M.; Saeed A.; Srinija K.; Kumar A.; Jayanthi M.; Lalitha Y.S.	The Role of Medical Informatics in Facilitating Evidence-Based Healthcare Practices	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			854-860	2025
711	Nainwal A.; Sharma V.; Varshney N.; Shirish Boob N.; Reddy N.V.U.; Reddy K.J.	Collaborative and Integrated Platform to Support Distributed Manufacturing System Using a Service-Oriented Approach Based on Cloud Computing Paradigm	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025			962-968	2025
712	Kukreti S.; Praveen R.V.S.; Bansal S.; Raju H.; Singh N.; Begum R.	Object Detection in Real-Time Surveillance Using Deep Learning-Based YOLO Framework	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025			601-606	2025
713	Praveen R.V.S.; Maindola M.; Bhavana M.; Nijhawan G.; Raju H.; Bansal S.	AI for Smart Farming: Machine Learning Models for Precision Crop Yield Prediction	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025			797-802	2025
714	Rao C.U.; Roshini B.; Sai Koushik M.R.; Avinash B.; Kumar Y.P.	Automated Building Damage Classification using Deep Learning for Efficient Disaster Response and Recovery	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025			1816-1822	2025
715	Chandrakumar S.; Jayakumar S.S.; Stanislaus Arputharaj B.; Rajendran P.; Raji A.P.; Karuppasamy A.; Jayaram D.K.; Bhuvendran A.; Madasamy S.K.; Raja V.	Multiperspective Structural Integrity Investigations on the Rotor Blade of Axial Flow Compressor Under Various Rotodynamic Loading Conditions Using Enhanced Computational Analyses	International Journal of Aerospace Engineering	2025	1	-	2025
716	Unni Krishnn A.; Dutt A.; Singh J.; Bhavana M.; Baswaraju S.; Mohammed B.F.; Venkatraman A.	Urban Vertical Farming with IoT and Precision Monitoring for a Sustainable Future	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			737-743	2025
717	Rajalakshmi B.; Garg S.; Sengar R.S.; Gupta M.; Al-Allak M.A.; Sirisha N.; Suneetha T.V.	Orbiting Innovation with the Impact of Dedicated Satellite Missions on Remote Sensing Capabilities	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			616-623	2025
718	Geetha Y.; Prasad S.V.S.; Vijetha T.; Anusha B.; Kumar R.A.; Akhita K.	Triple Band Metamaterial Inspired Antenna for Future Terahertz	4th Wireless, Antenna and Microwave Symposium, WAMS 2025			-	2025

719	Mekala B.; Padhy N.; Reddy P.K.K.	Automated Brain Tumor Diagnosis using Deep Learning: Segmentation, Detection, and Classification	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			237-243	2025
720	Bokka R.; Sai K.S.; Afroz S.; Prasad J.P.; Yeshwanth M.; Akhil S.	Survey on YOLO-Driven Real-Time Detection of Helmet and License Plates in Traffic	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
721	Arunkumar K.; Balakrishna G.; Raju B.L.; Prakash P.; Kishore Y.R.; Suresh B.V.; Anil Kumar M.	Structure–Property Relationship in Cryo-Rolled AM50 Magnesium Alloy: From Grain Refinement to Ductility Gain	Journal of The Institution of Engineers (India): Series D			-	2025
722	Shrivastava A.; Kotiyal A.; Jain A.; Devi V.S.A.; Rao B.D.; Bansal S.	Deep Learning for Precision Medicine: Advancing Personalized Treatment Plans in Oncology	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025			536-541	2025
723	Khan Z.; Sarkar I.	Efficacy of Outcome-Based Education in Enhancing English Proficiency Among Engineering Students in Hyderabad	Journal of Engineering Education Transformations	38	Special Issue	445-450	2025
724	Ravi K.C.; Joseph A.S.K.; Bojjawar S.; Pandi V.S.; Thangasamy V.; Jayanthi S.	5G Wireless Network Security: Investigating Next-Generation Mobile Communication Data Encryption Methods and Authentication Protocols	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025			253-258	2025
725	Kumar N.S.; SivaKrishna K.; Vamsi V.; Bhargavi L.; Nallagonda A.; Anudeep Goud G.	Real-Time Student Activity Detection and Incident Monitoring using Artificial Intelligence	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025			1213-1224	2025
726	Kameswari Y.L.	Federated Learning-Based Security Analytics Education System	Blockchain and AI in Shaping the Modern Education System			141-163	2025
727	Madhu R.; Boianapalli S.; Tripathy A.; Madhav N.R.; Vishal N.; Gopathi H.V.	Real Time Sign Language Translator for Speech Impaired	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
728	Lavuri N.R.; Borugadda P.; Krishna P.R.; Karthik Reddy G.	Developing a Logistic Regression Model for Predicting Chronic Kidney Disease	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025			1433-1438	2025
729	Jayaranjan M.; Shekhar G.R.; Rafi S.; Ramesh J.V.N.; Kiran A.; Vimochana M.	Optimizing English Learning with AI: Machine Learning Techniques and Tools	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025			-	2025
730	Praveen R.V.S.; Mittal M.; Parida P.; Kumar Y.; Singla A.; Thandra N.	Leveraging IoT and AI in Precision Agriculture for Efficient Water Management	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025			803-808	2025

731	Umamaheswari U.; Suneel S.; Ravikumar K.; Baburao D.; Upadhyay S.; Swapna B.	Design and Development of a Rescue Robot to Identify Human Presence in Disaster Scenarios by using Artificial Intelligence Assisted Sensor Support	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1627-1634	2025
732	Kumar P.L.; Jayanthi M.; Singh J.; Gupta M.; Bobba P.B.; Albawi A.; Shubhra	Distributed Reinforcement Learning Framework for Collaborative Energy Management in Connected Hybrid Electric Vehicle Ecosystems	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			838-842	2025
733	Naveen K.; Sailaja M.; Kasula S.; Singoju A.; Sabareesh V.; Swathi B.	Circular patch antenna gain enhancement through frequency-selective surface for x-band applications	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			282-288	2025
734	Thatha V.N.; Veerasekharreddy B.; Ryveshma K.; Karthik G.S.; Shiva G.; Vikram Ch.	An Enhanced CNN-RNN based Deep Learning Approach for Image Captioning	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			337-340	2025
735	Kocharla L.; Patri S.R.; Mahender M.; Mallika S.S.; Vardhan Cheerla S.; Joshi K.	Towards Reliable 3D Printing: Hybrid CNN-KNN Model for Automated Defect Identification	2025 6th International Conference for Emerging Technology, INCET 2025			-	2025
736	Potluri P.; Nagarajaiah K.; Lakshmi K.M.; Moolbharathi M.; Nagaratnamma; Balaram A.	Next-Gen Breast Cancer Prediction through Adaptive Deep Learning	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1620-1626	2025
737	Pavani P.; Sravanthi P.; Suneetha C.; Azhar M.; Hema supriya Reddy L.; Maddineni T.	Advanced Machine Learning Approaches for Liver Disease Prediction: A Focus on Feature Selection and Hybrid Ensemble Model	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1003-1010	2025
738	Navya S.; Gona A.K.; Mohammad H.; Sarika T.; Mounika T.; Nishitha P.	AI-Enhanced Chatbots: Transforming Human-System Interaction Through Advanced Technologies	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
739	Singh S.; Malik P.K.; Chauhan A.S.; Kumar M.; Yamsani N.; Singh P.	An Integrated IoT and Wireless System for Energy Optimization and Real-Time Monitoring Towards Sustainable and Efficient Building Management in Smart Buildings	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			416-422	2025
740	Sharma S.; Chandrashekar R.; Begum R.; Singh N.; Inti L.B.; Shakir S.A.	A Study on LiFi and Visible Light Data Connectivity Exploring High-Speed, Secure Data Transmission in Wireless Communication	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			705-711	2025
741	Jain U.; Boob N.S.; Anandhi R.J.; Sehgal A.; Bhavana M.; Kumar Y.	Advancing Underwater Image Enhancement Using Hybrid Deep Learning Models	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			584-588	2025
742	Suri V.K.; Yacha A.; Chiranjeevi B.; Patchava L.; Raju K.L.; Penubaka K.K.R.	A Robust Machine Learning Framework for Breast Cancer Prediction: Integrating Hybrid Feature Selection and Ensemble Learning	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025			910-915	2025

743	Kiranmayee B.; Devi M.S.; Susheela K.; Dhumpati R.; Penubaka K.K.R.; Naidu U.G.	Developing a Robust Intrusion Detection System Using SMOTE and Hybrid SVNN Model	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			369-376	2025
744	Sahith R.; Vikruthi S.; Kumar V.T.R.P.; Babu K.S.; Mounika K.V.; Gopikrishna V.	Traffic Accident Analysis using Random Forest and Bagged Tree Classifier	2025 5th International Conference on Intelligent Technologies, CONIT 2025			-	2025
745	Bobba P.B.; Sreeja S.P.; Jain A.; Boddu B.; Jabbar F.D.; Tyagi A.; Sharma K.	Adaptive Reinforcement Learning Framework for Optimized Energy Management in Hybrid Electric Vehicles Using Synthetic Driving Environments and Open-Source Simulation Models	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			814-819	2025
746	Thatha V.N.; Reddy B.V.; Akshitha N.; Lahari M.; Kavya M.; Kona G.C.	Enhancing Financial Security: Machine Learning with Block Chain for Fraud Detection	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025			-	2025
747	Gogula S.; Jani C.R.; Thulasi Chitra N.; Subhashini P.	Malware Detection Using Deep Learning	Lecture Notes in Electrical Engineering	1400 LNEE		409-420	2025
748	Pokkuluri K.S.; Chandanan A.K.; Mishra A.K.; Jyothi D.; Lavanya M.S.S.L.; Bhatt N.	Deep Learning-Enhanced Intrusion Detection and Privacy Preservation for IIoT Networks	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025			-	2025
749	Borah A.R.; Hameed A.A.; Thethi H.P.; Prasanna J.L.; Sangeetha A.; Gautam D.D.	ViT and RNN for Temporal and Spatial Analysis in Video Sequences	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			651-656	2025
750	Chourasiya P.; Rajkumar B.; Bhavanam S.N.; Roy V.; Swamy M.K.; Shingadiya C.	Wavelet Transform and Circulant Singular Spectrum Analysis for Improved EOG Artifact Elimination from Electroencephalogram Signals	2025 Global Conference in Emerging Technology, GINOTECH 2025			-	2025
751	Yakaaiah P.; Upadhyay S.; Myna P.	Health monitoring and safety system for coal mine using IoT and LoRaWAN technology	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			268-273	2025
752	Pydikalva P.; Thrimurthulu V.; Bharani J.S.S.L.; Sailaja V.; Nellore M.K.; Boopathi S.	A Study on Integration of Deep Learning With IoT for Smart Engineering Solutions	Navigating Challenges of Object Detection through Cognitive Computing			125-158	2025
753	Meghana I.; Nagendra Reddy B.; Vemulapalli V.; Kumar M.V.P.; Gopikrishna V.; Vivek K.	A Comprehensive Review of Deep Learning-based Approaches to Corn Leaf Disease Detection	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1919-1924	2025
754	Sharma P.; Khan J.S.A.; Radhika K.; Thatipudi J.G.; Sridevi K.; Upadhyay S.	Evolutionary Intelligence: A Hybrid Neural Framework for Dynamic System Innovation	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1743-1749	2025

755	Revathi V.; Prashant K.; Singla A.; Boddu B.; Hameed A.A.; Kalyani S.; Pandey K.	Short-Term Load Forecasting for Virtual Power Plants Using Time Series Analysis and Open Energy Data	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			741-746	2025
756	Goyal H.R.; Shrivastava A.; Nagpal A.; Reddy R.A.; Yadav K.; Revathi R.	Advances in Big Data and Data Mining: Techniques and Applications in Data Fusion for Enhanced Insights and Decision-Making	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			949-955	2025
757	Bharathi P.S.; Pradeep D.; Judgi T.; Arulananth T.S.; Giri J.; Odeh M.	A Logical Evaluation of Error Free Data Communication Scheme based on High Speed Visible Light Communication (VLC) Methodology	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			813-819	2025
758	Revathi V.; Singla A.; Boddu B.; Hameed A.A.; Kaur B.; Haritha I.	Advanced Deep Learning Framework for Decoding Emotional States Through Temporal and Spatial Analysis of Ambient Soundscapes	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			725-730	2025
759	Reddy M.J.; Kotiyal A.; Lakhanpal S.; Badhouthiya A.; Mounika T.; Jayanthi M.	Federated Learning in Healthcare: A Privacy-Preserving Approach to Predictive Analytics	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			554-559	2025
760	Penjarla N.K.; Reddy M.V.; Manu Y.M.; Allada A.; Deepika C.L.N.; Joshi K.	A Hybrid Deep Learning Model for Apartment and Industrial Building Classification	2025 5th International Conference on Intelligent Technologies, CONIT 2025			-	2025
761	Reddy U.; Lakhanpal S.; Singh J.; Meena T.; Shakir S.A.; Sakthi G.; Mallireddy L.	Advanced Comparative Analysis of Time-Frequency Signal Processing Techniques and Machine Learning Models for Optimized Biomedical Classification	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			719-724	2025
762	Mittal M.; Sehgal A.; Varshney N.; Kumar S.P.; Boob N.S.; Reddy R.A.	Deep Reinforcement Learning for Optimizing Route Planning in Urban Traffic	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			578-583	2025
763	Ramkumar G.; Al Jawad O.J.J.A.; Joyson J.L.; Nancy P.; Singh N.; Begum R.	A DWT-Based Model with CNN-based Decision Fusion Strategy for Medical Image Encryption Scheme for Healthcare Network	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025			-	2025
764	Teja J.; Pravalika B.; Murali R.; Abhishek B.; Divya Sree B.P.; Sivakrishna K.	Thyroid Disease Classification using Machine Learning	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025			1491-1496	2025
765	Reddy B.R.; Awasthy N.; Keer P.K.; Nijhawan G.; Mala V.; Albawi A.; Srinivas T.	Advanced Spatiotemporal Anomaly Detection in Photovoltaic Power Plants Using Temporal Graph Networks Integrated with Publicly Available Weather Data	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			579-584	2025
766	Upadhyay S.; Kumar R.; Kumar B.; Kumari B.; Lakra A.; Mandal S.	Speech Measuring Following Semiconductor Feature for Acoustic using Biodegradable Material	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025			843-848	2025

767	Karthiyayini J.; Bhargavi Y.K.; Lakhanpal S.; Sharma A.K.; Saeed A.; Kumari E.N.V.	Optimizing Security Protocols for IoT in Healthcare to Ensure Privacy in Smart Patient Monitoring Systems	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			677-683	2025
768	Kumar K.G.; Kumar T.S.; Reddy B.M.; Sai A.C.; Reddy S.R.N.	Bitcoin Price Trends: A Neural Network Approach with RNN & LSTM	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			1207-1213	2025
769	Bharathi P.S.; Pradeep D.; Judgi T.; Arulananth T.S.; Giri J.; Al-Safarini M.Y.	Internet of Things Powered Dynamic Flood and Disaster Rescue Management System based on WiFi Enabled Microcontroller	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			546-552	2025
770	Kiran A.; Khan M.; Babu J.C.; Kumar B.P.S.	Machine Learning Algorithms for Identifying Spam Emails	Communications in Computer and Information Science	2308 CCIS		1-14	2025
771	Anandhi R.J.; Sreenivasulu D.; Jain A.; Arun V.; Jabbar F.D.; Boddu B.; Divetia K.	AI-Assisted Fine-Grained Plant Disease Diagnosis from Smartphone Images	2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2025			730-734	2025
772	Kumar K.A.; Reddy S.S.; Kandi K.K.; Chekuri R.B.R.; Sigatapu S.; Kumar M.A.; Gudar K.R.	Correlating Grain Refinement, Texture Evolution, Precipitation Behavior and Phase Formation on Mechanical Properties and Damping Behavior of High-Pressure Torsion of Al-Cu Alloy	Journal of The Institution of Engineers (India): Series D			-	2025
773	Madhavi B.; Bhavana M.; Soujanya K.L.S.; Anuradha B.; Chandrika P.S.; Rao K.S.	RFCNN Traffic Accident Severity Prediction Based on Decision Level Fusion of Machine and Deep Learning	Proceedings of the 2025 3rd International Conference on Inventive Computing and Informatics, ICICI 2025			904-910	2025
774	Tharani P.; Baghel A.S.; Midasala V.; Babu M.A.; Rani G.S.S.; Tanna P.	Enhanced Cognitive Load Detection Through Cissa and Binary Harris Hawks Optimization of EEG Features	2025 Global Conference in Emerging Technology, GINOTECH 2025			-	2025
775	Chandrashekar R.; Nagpal A.; Sengar R.S.; Albawi A.; Sravanthi J.; Sirisha N.; Agrawal K.	Emotion Driven Generative Systems for Enhancing Creative Expression Through Technology	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			631-636	2025
776	Reddy G.K.; Lavuri N.R.; Rao T.S.V.	MIMO Antennas for Smart 5G Devices Using UWB Technology	4th Wireless, Antenna and Microwave Symposium, WAMS 2025			-	2025
777	Rani K.P.; Saniya M.; Raj E.K.; Nayak P.K.; Mahesh K.; Reddy G.R.	Analysis and Prediction of Mental Disorder using Ensemble Learning	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
778	Ajmera S.; Naidu M.A.; Jeevan B.; Ashok B.; Yagnesh D.	Enhancing school transportation system efficiency and security: Real-time monitoring approach using RFID, GSM and GPS	Integrated Technologies in Electrical, Electronics and Biotechnology Engineering			374-378	2025

779	Karuppasamy A.K.; Venkateswara Reddy K.; Shireesha Y.; Keshavamurthy R.; Janaki D.V.; Chekuri R.B.R.; Satyanarayana M.V.N.V.	Influence of grain structure evolution and microtexture development on hardness, residual stresses, and wear behavior of AA6061 alloy processed via cryogenic friction stir processing	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering			-	2025
780	Lavuri N.R.; Basha M.; Nallametti N.; Karthik Reddy G.; Kumar V.S.; Borugadda P.	Obesity Health Risk Prediction using Random Forest and SVM Algorithms	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025			1439-1444	2025
781	Jain A.; Al-Rubaye T.; Sengar R.S.; Balakrishna B.; Kumar N.; Soujanya R.; Gopal K.	Solving Differential Equations with Advanced Algorithmic Techniques	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			644-650	2025
782	Balaram A.; Srivani M.; Sirisha T.; Abhiram T.; Shalene Y.; Deekshitha T.	Earthquake Prediction Using CNN Algorithm	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025			-	2025
783	Mittal M.; Sharma V.; Varshney N.; Kumar S.P.; Boob N.S.; Reddy R.A.	Harnessing Tech Innovations for Diversified Multigenerational Work Force and Work Life Balance	IEEE International Conference on "Computational, Communication and Information Technology", ICCIT 2025			969-976	2025
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