

INDIACom-2026

2026 13th International Conference on Computing for Sustainable Global Development
(8th – 10th April, 2026)

List of Papers

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
1.	7	Enhancing Sentiment Analysis using Targeted Preprocessing and Weighted Ensemble Learning <i>Nakul Grover</i>
2.	11	Sentiment Analysis of Social Media Posts using LSTM Networks <i>Preeti Rana, Raj Kumari, Lalit Kumar, Sajjan Singh, Rohini Bawa and Meenakshi</i>
3.	13	Emotion-based Music Recommendation System using Multi-task Cascaded Convolutional Networks <i>Saumya Bansal, Prateek Anand and Rakhee</i>
4.	15	Evaluating Attrition Factors for Predictive Insights into Employee Turnover with Machine Learning and Artificial intelligence <i>Ritu Aggarwal, Gulbir Singh, Mahima Sharma, Mahakant Sharma and Eshaan Aggarwal</i>
5.	41	Federated Learning based Disease Detection in Healthcare: A Systematic Review <i>Dheeraj Sonkhla, Namita Saini and Neeraj Gandotra</i>
6.	49	GPS and Fourier Signal Analysis for reducing Ambulance Response Time in Urban Environments <i>Sebastian Dilip Jose, Arunachalam Sasikala, Janani Selvaraj, Tadi Gunjan and Kalairishi Sudhakar</i>
7.	55	Digital Deception: A Comparative Analysis of CNN and CNN-LSTM Models for Deepfake Detection <i>Deepali Kamthania, Nivedita Palia and Deepti Chopra</i>
8.	71	A Stochastic Process Model for Predicting Hallucination Dynamics in Large Language Models <i>Hiloni Sanghavi and Anupama Jawale</i>
9.	80	A Comparative Analysis of Gradient-based and Augmented-Map-based Seam Carving for Perceptual Image Retargeting <i>Arjun Rai Dutta, Surbhi Saroha and Ankit Garg</i>
10.	85	A Smart Agricultural Analytics and E-Commerce Framework for Daily Commodity Price Prediction using Hybrid ARIMA-LSTM with Improved TimeGAN <i>Usha Sarangapani, V. MuraliBhaskaran, Sibiraj M. and Sakthi Velu H.</i>
11.	90	Enhancing Transparency in Alzheimer’s Disease Diagnosis through LIME-based Explainable AI Models <i>Vaishali Mehta, Balajee Maram, Poonam, Shakti Arora, Harminder Kaur and Prachi Garg</i>
12.	91	Improved Deep Learning Framework for CT Imaging based Early Lung Cancer Detection <i>Vaishali Mehta, Balajee Maram, Rishav Kumar, Anup Lal Yadav, Shakti Arora and Neelam Oberoi</i>
13.	117	Comparative Analysis of Image Processing and Pattern Recognition Methods <i>Karan Soni and Rakesh Chandra Gangwar</i>
14.	122	Chaotic Swarm based Sparse Linguistic Sensing Algorithm for Disaster-Resilient Emergency Communication Systems <i>P. Immaculate Rexi Jenifer, R. Srividhya, S. Manikandan, K. Agalya and A. R. Anil</i>
15.	129	Artificial Intelligence in Mental Health Monitoring <i>Varinder Pabbi, Mandeep Kaur Sandhu and Mohit Angurala</i>
16.	137	Random Forest Algorithm based Transient Stability Assessment of IEEE New England 39-Bus Power System with Explainable Artificial Intelligence <i>Niharika Agrawal and Sheila Mahapatra</i>
17.	147	MFA-McSE AttNet: Deep Learning based Multi-level Feature Aggregation Network with Multi-scale Squeeze and Excitation Attention for Citrus Leaf Disease Diagnosis <i>M. Bharathi Devi, K. Ashwini, Sindhu Ravindran and Vikneswaran Vijejan</i>
18.	155	U-Net Deep Learning Model to Forecast Guest Cancellations in Hotel Bookings <i>Deepak Kaul</i>
19.	156	Intelligent Embedded Sensor Systems for Smart and Sustainable Waste Management: A Comprehensive Review <i>Mukul, Devansh Bhatnagar, Samar Iqbal, Sidhant Bhadoria and Neda Fatima</i>
20.	160	Design and Evaluation of an Indian Knowledge System guided AI Framework for Healthcare and Urban Analytics <i>Hanisha Vijayakumar, Naveenbalaji Gowthaman and P. Pavithra</i>
21.	169	An Advanced Privacy-Preserving IoT-Cloud mHealth Framework Leveraging Quantum-Resistant Cryptography and Smart Contracts for Data Security <i>M. Arokia Muthu</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
22.	170	UPI/Micro-Investing Journeys and the First Green Equity: Frictions, Trust, and On-Ramp Design <i>G. Prasanna Kumar, D. Leela Kalyani and Kurmala Ganga Raju</i>
23.	171	A Systematic Review on the Role of IoT and AI in Transforming Agriculture: Advances, Challenges, and Future Pathways <i>Dinesh Bhardwaj, Neha Harchand and Sandeep Kumar</i>
24.	172	Innovative Approaches for Underwater Image Enhancement in Complex Marine Environments <i>Jaskiran Kaur, Sunil Kumar Chawla and Heena Wadhwa</i>
25.	185	Distributed Holographic Synchronization Algorithm for Cooperative Autonomous Underwater Exploration Robots <i>V. Selvi, R. K. maheswari, G. Nithiyabharathi, S. Manikandan, N. Gobinathan and K. Veeramanikandan</i>
26.	195	Blockchain assisted Dual Channel Hypergraph Convolutional Neural Network-Based Data Security in VANET <i>S. Nirmal Sam and D. R. Thirupurasundari</i>
27.	201	Review and Analysis of Federated Learning Frameworks for Social Media Platforms <i>Prabhat Kumar Ravi and Rubika Walia</i>
28.	216	Algorithm for Matrix Games with Connection Numbers and its Application to Electric Vehicle Market Share Problem <i>Sandeep Kumar and Aashish</i>
29.	218	IoT-enabled Automated Wet and Dry Waste Segregation System for Smart City Applications <i>Shujaatali Badami, Jermaine Herman Sangiwa, Shalom Mbuzi, Jahnvi Sharma, Biky Chouhan and Abanish Mishra</i>
30.	239	Transformer-assisted Deep Learning Model for Medical Image Enhancement <i>Priyansh Singhal, Manan Kaushik, Arbaaj Mansoori, Amrit Kumar Agrawal and Dharm Raj</i>
31.	254	High Performance Dual-Channel DDR5/DDR3 SDRAM Controller Architecture for FPGA Platform <i>Siddireddy Kapileswar Reddy, Ganapathi Hegde, C. Paramasivam</i>
32.	271	Artificial Creativity, Human Law: Redefining IP Rights in the ChatGPT Epoch <i>Jatin Chopra, Manish Yerram and Jyoti Parashar</i>
33.	276	Improving Brain Tumor Image Classification with Z-Score Normalization and GLCM Feature Extraction in CNN, ResNet and GoogleNet Models <i>Balaji S., Merlin Balamurugan, Saranya Balaguru, Kumar Shanmugasamy, C. Priya Dharshini and S. Saravana</i>
34.	280	ESG-driven Robo-Advisory Systems in Green FinTech <i>Aadil Rashid, P. Ashok Kumar and B. Jeeva Rekha</i>
35.	281	Review of Threat Detection and Lateral Movement Mitigation in Cloud-Native Service Mesh Environments <i>Manvendra Singh and Himanshu Gupta</i>
36.	290	A Multi-Modal Fatigue Detection and Intervention System using Visual and Physiological Cues <i>Anush Naik and Charushila Patil</i>
37.	297	A Comprehensive Review on CNN-based Hybrid Deep Learning Models for Fruits and Vegetables Health Monitoring and Survival Analysis <i>Sarika Dattu Pawar and Sandeep Vanjale</i>
38.	300	Tackling Hate in Multilingual, Multimodal Spaces: A Survey in the Indian Context <i>Aadrika Gupta, Rohit Kumar Singh, Tanusree Nath, Manjari Gupta and Marisha</i>
39.	301	Evaluating the Performance of Pre-trained Neural Networks in identifying Plant Diseases <i>Sabiya Fatima, Shalini Agarwal and Manoj Kumar Misra</i>
40.	306	Analysis of Role of Artificial and Emotional Intelligence on Job Performance of Public Sector Bank Employees <i>Shamli Sharma and Kamal Preet</i>
41.	307	The Rise of Edge Intelligence: AI Empowerment at the Network Frontier <i>Jaspreet Kaur, Divya Gupta and Aman Kumar</i>
42.	324	Comparative Analysis of Deep Learning Models for Prostate Cancer Diagnosis <i>Rohit Kumar and Bhisham Sharma</i>
43.	325	NaadNet: A Hybrid CNN–BiGRU Model for Mitigating Urban Noise Pollution through Indian Traditional Acoustic Practices <i>Preetha Rajesh, Aswathy Prakash G., Murugan Ramu, Reshma Soman N., Jessy K. Jayanth and Thankamani K.</i>
44.	326	Multimodal Emotion Recognition: Dataset Review and Challenges <i>Megha Kapalia, Amanpreet Kaur and Neha Sharma</i>
45.	333	SonicTrad-XAI: An Explainable AI Framework integrating Indian Cultural Soundscapes for Environmental Noise Control <i>Preetha Rajesh, Aswathy Prakash G., Murugan Ramu, Jessy K. Jayanth and Reshma Soman N.</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
46.	334	CulturaSound-GCN: A Graph Neural Network Approach for Mapping Indigenous Acoustic Knowledge to Urban Noise Mitigation Policies <i>Preetha Rajesh, Aswathy Prakash G., Murugan Ramu, Jessy K. Jayanth, D. Prema and Reshma Soman N.</i>
47.	335	EcoNaadFusion: A Multimodal Transformer Model for Harmonizing Traditional Indian Sound Practices with Environmental Noise Management <i>Preetha Rajesh, Aswathy Prakash G., Murugan Ramu, Jessy K. Jayanth, P. Shunmugapriya and D. Prema</i>
48.	336	Lawsoni-Acoustica: A Legal-Aware Deep Learning Model for Embedding Indian Traditional Acoustics into Noise Pollution Governance <i>Preetha Rajesh, Aswathy Prakash G., Murugan Ramu, P. Shunmugapriya, Thankamani K., Reshma Soman N.</i>
49.	338	NeuroAR-X: A Lightweight On-Device Neural Interface Framework for Real-Time Augmented Reality Interaction <i>D. Prema, B. Rajeswari, Koppolu Chaitra, Jaganath R., P. Shunmugapriya and Thankamani K.</i>
50.	340	TwinInfraX: A Novel Digital Twin-Driven Framework for Agile and Predictive IT Infrastructure Management <i>Murugan Ramu, S. Ilamathi, P. Sadhana, A. S. Kalpanaa Chawla, Harini A. and Shivani Kurvanghat</i>
51.	343	BD-PredictX: Leveraging Multi-Modal Big Data Analytics and Hybrid Deep Learning for Proactive Predictive Maintenance in Smart Manufacturing Enterprises <i>J. Gayathri, B. G. Tharun Pranav, S. Thileepan, S. K. Shivani, Jeyasri A. M. and R. Roshini</i>
52.	347	CorpHealthTrack: A Hybrid GCN-LSTM Model for Legal and Epidemiological Analysis of Industrial Carbon Emissions <i>Shalini R., Anju Mohan and U. Marimuthu</i>
53.	350	AutoNeuralFlow: A Scalable Framework for Autonomous and Adaptive Deep Learning in Real-World Applications <i>E. Venugopal, Jinesh Jayan, Praveena Shree, Vimalaidhiyan, S. Thileepan and Karthika Athira C.</i>
54.	351	Evolution of Knowledge Tracing Models: A Comparative Analysis of Bayesian, Deep Learning, and Transformer based Approaches <i>Sowmya H. K., A. R. Jineesh, I. Darren Raj, Srishti Kumari and Abhigna Mylavaram</i>
55.	353	Design of Ternary Full Subtractor using CNTFET and Unary Operators <i>Aiman Malik and Mohd Wajid</i>
56.	361	A Hybrid Local-Cloud Large Language Model Architecture for Privacy Preservation and Cost-Efficient Inference <i>Anshpreet Singh Bindra, Bhani Kaur, Manisha Mittal, Mansimaran Singh, Gian Kaur and Surender Kumar</i>
57.	364	Automated Pneumonia Detection on Chest X-Rays: A Comparative Study with Radiologist Performance <i>Vaduguru Venkata Ramya, Anju Khandelwal and Satbir Pharande</i>
58.	365	From Handcrafted to Structural Hybridization: A Comprehensive Survey of Hybrid Deep Learning Architectures for Facial Emotion Recognition <i>Shiraz Husain and Anand Rajavat</i>
59.	366	Early Detection of Neurodegenerative Diseases through Multimodal Neuro-Biosensing and Digital Biomarker Fusion <i>Ayush Mahanta and Rohan Gupta</i>
60.	373	Socially Informed Priority Scoring for Cost-Effective UAV Weed Spraying <i>Nirmal Marwah, Vivek Kumar Singh and Abhirup Nandy</i>
61.	378	Recent Advances in Question-Answering System: Indian LLMs Perspective <i>Pushpinder Singh, Manjit Singh and Rohan Gupta</i>
62.	386	Scalable Autogen Multi-Agent Framework for Data Quality Validation using Azure OpenAI <i>Jatin Chopra, Hema Priya Manohar, Manish Yerram and Jyoti Parashar</i>
63.	387	Reinforcement Learning driven Cost and Performance Optimization in Microsoft Fabric using Autonomous Agents <i>Manish Yerram, Manideep Kalyanam, Charan Kumar Kasanagottu, Mohit Varma Sagi and Jyoti Parashar</i>
64.	412	Hybrid Deep Learning Framework for Spatial Temporal Air Quality Prediction using CNN-BiLSTM with Attention Model <i>Sowmya H. K., Anandhi R. J. and Abu Talha Ansari</i>
65.	449	Hybrid PSO-CapsNet Model: Advancing Pneumonia Detection through Hyperparameter Optimization and Capsule Learning <i>Sushil Khojare, Bajrang Lal and Sumit Bhattacharjee</i>
66.	450	Smart Retail Hybrid: A Context-based Decision-Support Framework for Inventory Management under Supply Chain Uncertainty <i>Shraddha Mankar, Arya Ambekar, Tanishq Adate, Arnav Sirse and Ayush Sharma</i>
67.	451	Fundus Image Analysis for Age related Retinal Disease Detection using Deep Learning and XAI Methods <i>Umadevi V., Somnath Mukherjee, Shrinanda Shivprasad Dinde, Soham Hathi, Sinchana and Samridhhi Singh</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
68.	452	Using DNA-driven Algorithms for Genetic Ciphering to Protect IoT Image Data <i>Jyoti Saini, Rohini Bawa, Kamna Sharma and Vipan Kumari</i>
69.	453	Evaluating U²-Net and DeepLabV3 Architectures for Low-Resource Vatteluttu Glyph Segmentation <i>Bipin Nair B. J., Abhiram Krishnan A. and Saran Shabu</i>
70.	454	A Simulation-based Hybrid Deep Learning Framework for Real-Time Political Fake News Detection in Social Streams <i>Krishna Pandey, Suman Kumari, Rahul Joshi, Ankita Bharti, Mitali Mohanty and Deepak Upadhyay</i>
71.	456	Modeling and Simulation of Fake News Propagation Dynamics under Political Bias using Multi-Agent Networks <i>Krishna Pandey, Suman Kumari, Rahul Joshi, Ankita Bharti, Mitali Mohanty and Deepak Upadhyay</i>
72.	461	A Review of IoT-based Environmental and Motion Sensing: Architecture, Fusion Frameworks and System-Wide Challenges <i>Rakoth Kandan Sambandam, Kovuru Hemamruth, Pamuru Ritesh Reddy, Joel Tito, Ashish Robin and Alwin K. A.</i>
73.	462	LuxSpender-OptiModel: An Optimized Financial Analysis Framework for identifying Luxury Spending Patterns <i>Sreeya B., Ranjitha K. C., E. Anandharaja, M. S. R. Durga Sankar, Harshi Gupta and Leo Godson S.</i>
74.	470	A Modified U-Net Approach for Word and Line Segmentation in Kannada Palm-Leaf Manuscripts <i>Bipin Nair B. J., Bhavana M. and Jeevan Yadav C. R.</i>
75.	478	MedBot: An AI-powered Conversational Chatbot for Health Advice and Multi-Disease Prediction <i>Aniga Abhi Sathvik Reddy, Swaroop Challapalli, Yerra Srikar Nivas Reddy and Gagandeep Arora</i>
76.	488	Optimized FBG-based Vibration Monitoring using Cantilever for a Rail Wheel Lab Rig Model <i>Sheeba Kumari C., Preeta Sharan, Vinu R. and Saara K.</i>
77.	495	FinTech Development and Green Growth in India: A Time Series ARDL Analysis <i>Ishfaq Ahmad Malik, Irfan Ahmed Sheikh, Afifa Ibrahim, Rupesh Kumar and Khalid Ul Islam</i>
78.	499	A Review of Time-Series and Machine Learning Approaches for Forecasting Patient Inflow in Hospitals <i>Manvendra Gosain and Kriti Saroha</i>
79.	502	Optimizing Patient Anesthesia Sedation using Gradient Boosting Regression <i>M. Renuga, Farjana Farvin Sahapudeen, R. Ramya, M. Anuradha, N. Radha and J. Anitha</i>
80.	507	Synthetic Palm-Leaf Manuscript Generation with Attention-Driven Deep Learning Models: A Comparative Analysis <i>Bipin Nair B. J., Chandrashekar and Sachin M.</i>
81.	510	Toward Sustainable Fertilizer Management in Precision Agriculture: A Fuzzy Logic based Optimization Framework <i>Harikumar M. and Vijayalakshmi P.</i>
82.	511	Aquila-Patterned Metaheuristic Optimization of ANFIS: A Mathematical Framework for Intelligent Control in Smart Agriculture <i>Vaishnavi N., Vijayalakshmi P. and Harikumar M.</i>
83.	512	A Hybrid Image Encryption Framework using a Continued Fraction, Square Numbers, Logistic Chaos and RSA Security <i>M. Suruthika and P. Geetha</i>
84.	517	Rapid Detection of Glaucomatous Optic Neuropathy (GON) using ANN Model trained with Vertical CDR <i>Laya Tojo, Ranjeet Kumar Pathak and Preeta Sharan</i>
85.	524	Deep Learning based Indoor Plant Disease Detection: A Comprehensive Study with Mobile Application Framework for Urban Environments <i>Aditi Salvi, Eileen Mascarenhas, Vedant Vaidya and Dhananjay Kalbande</i>
86.	538	An Automated System for Diabetic Retinopathy Detection and Grading using YOLOv8 <i>Vinesh Kumar, Jay Prakash Maurya, Abhishek Shrivastava and Sunil Kumar</i>
87.	540	Kalki Environmental Karma Dashboard: Integrating Ecological Metrics with Spiritual Responsibility <i>Ashwini Sengar, Sarika Patil, Savita Vibhute, Kailas Patil, Prakash Sharma and Srividya Ravishankar</i>
88.	558	Hand Gesture driven Smart Living for Home Automation using Arduino Uno <i>Prachi Dewan, Mansi Dawar, Anjali Sharma, Madhu Yadav, Ashima Shahi and Manisha Mittal</i>
89.	565	5G-Enabled Edge Computing for Ultra-Low Latency Smart Building Control <i>Ajay Choudhary, Vinay Dhaka, Abhinav and Manisha Mittal</i>
90.	566	A New Hybrid Image Encryption Method using Fibonacci-Tribonacci Sequences and Singular Value Decomposition <i>M. Shanthi and P. Geetha</i>
91.	575	From Entropy Weighting to Spherical Fuzzy TOPSIS-VIKOR: A Hybrid Framework for Robust Agricultural Decision-Making <i>Aarathi S., Vijayalakshmi P., Nithiyananthan K. and Harikumar M.</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
92.	577	Adaptive Interval Type-3 Fuzzy Optimization Framework for Dynamic CO-PO Attainment and Real-Time Educational Decision Support <i>Annamalai Ravishankar Ravitha and Ponnai Vijayalakshmi</i>
93.	578	A TOPSIS-based Approach for Internet Service Providing Company with a new Similarity Measure for q-Rung Ortho-Pair Fuzzy Set <i>Sandeep Kumar Gautam, Neeraj Gandotra and Namita Saini</i>
94.	579	A Hybrid Optuna-Optimized Neural Network Framework for Multi-Source Stock Price Forecasting under Event-Driven Volatility <i>Gaganpreet Kaur and Amanpreet Kaur</i>
95.	581	Zero-Watermarking with AlexNet and Polar Harmonic Transform for Copyright Protection of Digital Images <i>Roopkamal K. Thind, Ashima Anand and Anamika Sharma</i>
96.	593	Swin-BART: An Explainable Transformer-based Approach for Chest X-ray Report Generation <i>A. V. S. Ratna Kumari and Lalitha Kumari Pappala</i>
97.	596	Hardware-Optimized Hyperspectral Image Classification on Edge Devices <i>B. B. Shabarinath, Pullakandam Muralidhar, Alladi Vishnu Sharan, Barama Veda Harshitha and Gaddam Saryu Vardhan</i>
98.	598	From Reel to Real: An IT-enabled Mathematical Framework for analysing Women-Centric Indian Cinema and its Social Impact <i>Avneet Kaur Bhatia, Parul Arora and M. N. Hoda</i>
99.	599	Digital Echoes of Women-Centric Indian Cinema: A Computational Study of Audience Reception <i>Avneet Kaur Bhatia, Parul Arora and M. N. Hoda</i>
100.	605	A Hybrid Temporal-Spatial Attention Network (TSAN) Framework for Enhanced Detection and Classification of Malicious Traffic in Tor Hidden Services <i>Felix Etyang, Pramod Pavithran, Ngaira Mandela, Selu Polley, Christopher Ayesiga and Maninti Venkateswarlu</i>
101.	610	A Lightweight Hybrid Laplace–LFSR Image Encryption Scheme with Spatial Block Diffusion and Robust Statistical Security Analysis <i>R. Malarkodi and P. Geetha</i>
102.	622	An Analysis of Gaming Devices Adoption among Adults using Topic Modelling Approach <i>Arun Balodi, Akash Saharan and Gaurav Kabra</i>
103.	658	A Mathematical Interval Type-2 Fuzzy Diagnostic Model with Gaussian Mixture based Uncertainty Learning for Outcome-Based Education <i>Rajeswari K., Vijayalakshmi P. and Harikumaran M.</i>
104.	659	Next-Gen WebRTC: Reinventing Secure Peer Connectivity with SFU-Driven Scalability <i>Garv Birdi, Lakshay Jain, Kunal Sharma, Jolly Parikh, Yugnanda Malhotra and Sumit Chakravarty</i>
105.	664	Ensemble of Grouped Convolution based EfficientNet and DenseNet-121 for Image Classification <i>Irfan Rajab Bhat and Asif Ahmad Najar</i>
106.	674	Plantar Pressure based Detection of Diabetes using a Hybrid CNN-MLP Model with Patient-Specific Metadata <i>Shruthi K. and Manush Prajwal</i>
107.	676	Secure Network Monitoring System with HMAC Signed Reporting and Firewall based Auto Blocking <i>Dharamvir, Manush Prajwal, Mohammed Shad Khan, Lakshmi Sagar R. and Keerthan K.</i>
108.	677	Deep Learning Approaches in Speech Recognition and Voice Regeneration: A Review with Implication for Amyotrophic Lateral Sclerosis <i>Komal Ahuja and Amanpreet Kaur</i>
109.	683	Transformer-driven Framework for Mitosis Detection and Classification in Whole Slide Image <i>Dhvani M. Maktuporia, Kuldeep K. Kevat and Mayuri A. Mehta</i>
110.	698	Evaluating Vision Transformers versus Convolutional Neural Networks for Automated building Detection in Aerial Drone Images <i>Yerukala Naveen, aparao Nalajala, Ponnuragan Panneerselvam, Jayananda Kumar, B. Venkatesu and Bhavana Godavarthi</i>
111.	699	Style Transfer and Image Enhancement using GAN-integrated CNN Architectures <i>Bhavana Godavarthi, Maloth Ramesh Naik, Arivukkodi R., R. Tamilkodi, B. Venkatesu and Papparao Nalajala</i>
112.	701	Evaluating CNN Depth and Width Trade-Offs for Efficient Image Classification <i>Bhavana Godavarthi, Maloth Ramesh Naik, Shalini E., P. Kalyan Chakravarthy, S. Parveen and Papparao Nalajala</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
113.	702	Evaluating Low-Light Image Enhancement using Deep Convolutional Auto-encoders <i>G. Ravi, B. Venkatesu, Rajashri C. K., A. Siva Kumar and Thejo Lakshmi Gudipalli</i>
114.	704	Explainable Image Classification with Saliency Maps and Class Activation Mapping (CAM) <i>N. Pushpalatha, P. Swathi, Dhanalakshmi V., Ch. Anil Chowdary, Thejo Lakshmi Gudipalli and Bhavana Godavarthi</i>
115.	713	IoT-powered Predictive Maintenance for Manufacturing Machinery using Artificial Intelligence <i>E. Venugopal, K. Harini, N. Mathanisha, M. Sandhiya, Santhosh R. K. and Poornisha N.</i>
116.	714	Design, Simulation and Comparison of Two-Dimensional Photonic Crystal based Sensor for Improved Light Confinement <i>Nazahat Balur, Reena Sonkusare and Preeta Sharan</i>
117.	737	Design and Development of an Optical Sensing System for Palm based Shear Force Detection <i>Tina Elizabeth Thomas, Preeta Sharan, Vinu R. and Saara K.</i>
118.	744	Explainable Hybrid Intrusion Detection integrating Machine Learning with Fine-Tuned Large Language Models <i>Jothsna Praveena Pendyala, Mohana Uma Sai and Biky Chouhan</i>
119.	745	An Explainable Learning Framework with SLT-XAI for Robust Video Forgery Detection <i>Krittika and Satish Kumar</i>
120.	746	A Study on Research Trends in Machine Learning based WSN Security Monitoring <i>Renu Jangra, Anshul Sharma, Anoop Gopi, Ankit Bisht, Manisha Singh and Pushpanjali Pandey</i>
121.	749	Adaptive Multi-Strategy Legal Case Retrieval and Outcome Prediction: A Story-based Approach for Indian Courts <i>Saksham Saini, V. Veda Sri and Mahesh Kumar Morampudi</i>
122.	752	Bridging Content Gaps: An LLM-based Tool for Multilingual Audiovisual Conversion in Education <i>Tejeshwara B. M., Kavitha Sooda, Ashni Gupta, Tanya D. Shetty, Sakshi Kallur and Bhoomika Hegde</i>
123.	754	Uncertainty-based Approach for Electroluminescence Image Classification of Photovoltaic Modules <i>Nitu Chauhan, Shaveta Arora and Madasu Hanmandlu</i>
124.	765	A Novel Method for Islanding Detection using Wavelet Transform and S-Transform <i>Resna S. R. and B. Devi Vighneswari</i>
125.	769	AI in Digital Advertising: A Review of Consumer Behavior Prediction and Ethical Concerns <i>Mouly B. and Sheedhal K. Reji</i>
126.	770	A Novel Adaptive BrandShield Framework for Dynamic Trademark Management <i>Veeraragavan K., E. Venugopal and T. C. Karthikheyan</i>
127.	775	AI-driven Supply Chain Optimization with Predictive Analytics for enhanced Efficiency and Scalability in E-Commerce <i>C. M. Selvamuthu, M. S. Bravishma Panicker, Rohit V. P., Ashish D., Harini G. S. and Kabish K. B.</i>
128.	776	Optical Flow Approach to Handle Intra-class Variability in Human Activity Recognition <i>Manoj Kumar Sain, Sameeksha Chaudhary, Bhupendra Sharma and Dushyant Singh</i>
129.	778	StratFusionX: An Advanced Ensemble Learning Model for Strategic Management and Decision Optimization <i>S. Thangamayan, Sheik Hussain A., Hariharan M. P. S., Dharmaraj J., Vivekha Murugesan and Praveena R. A.</i>
130.	803	A Recall-enhanced Multi-Modal Framework for Automated Mobile Forensics Reporting <i>Devi Prasad Reddy P., Dhanya Arun, Manne Venkat Harshanth, Anjana Kanabur and Sharavana K.</i>
131.	807	Dual Stream Cross-Attentional Driven Adaptive Anomaly Detection for Zero-Day Attacks in IoMT Networks <i>Pragya Bajpayi, Sandeep Mathur and Madhu Sharma Gaur</i>
132.	808	ESP32 and Load Cell integrated Protraction Facemask for Real-Time Monitoring of Orthopedic Force and Wear Time in Midface Deficiency Patients <i>Ashish Sunny, Laxmikanth S. M., Preeta Sharan and Praveen S.</i>
133.	810	HomieBot: A Smart Voice-controlled Home Automation Robot <i>Shweta Salunkhe, Spandan Nagarkar, Payal Saste and Vijeta Pawar</i>
134.	811	A Hybrid Temporal-Spatial Attention Network (TSAN) Framework for Enhanced Detection and Classification of Malicious Traffic in Tor Hidden Services <i>Felix Etyang, Amit Abhishek, Pramod Pavithran, Ngaira Mandela, Selu Polley, Christopher Ayesiga and Ronald Ojino</i>
135.	812	SocioEdu-Boost: A Hybrid XGBoost and Convolutional Neural Network Model for Evaluating Socio-Educational Mobility of SC/ST Women <i>A. Sivanandam, K. Haseen Nihara, P. S. Maanasa, M. Deva Deeksha and Sonia Deepak</i>
136.	813	Optimized Adaptive Audio Error Concealment using PLR-PSNR Variability Analysis <i>Subhasini Shukla and Vaqar Ansari Ahmed</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
137.	815	Design and Implementation of a Secure Autonomous Last-Mile Delivery Robot using RFID and OTP- based Authentication <i>Bhavya G., B. Devi Vighneshwari, Nisha C. Rani, Varshitha G. M., Kavya P. and Manjushree</i>
138.	818	Leveraging Data-driven Approaches for Smart Irrigation and Predictive Maintenance in Agricultural IoT Systems <i>Sharath M. S. and Rajasekar Rangasamy</i>
139.	819	A Transformer-ViT Model for analyzing and preventing Police Atrocities in Chennai's Pawn Brokering Industry <i>S. Thangamayan, Santhosh G., S. Nithiesh Kumar, Sharon Sabu, Ryan and Hari Teja A. S.</i>
140.	821	AI-enhanced Prediction of Ride-Hailing Cancellations using Social-Media-inspired Engagement Features <i>Ram Sudan, Aryan Kumar, Amit Patel and Vedika Gupta</i>
141.	823	AI-based Prediction of Bitcoin Market Movements in a Social-Media-influenced Financial Ecosystem <i>Ram Sudan, Nirmal Marwah, Shilpa Gupta and Renuka Sharma</i>
142.	893	A Multimodal Fusion Framework for investigating Overlapping Mental Health Disorders <i>Rupali Landge and Hariram Chavan</i>
143.	895	LSTM-based Predictive Maintenance for Electric Vehicles using Sensor and IoT Data <i>Shivam Choudhary and Prakash Rao Ragiri</i>
144.	896	A Review of AI-based Methods for Brain Stroke Prediction and Diagnosis using Clinical and CT Imaging Data <i>Jayashree Jadhav and Rohini Jadhav</i>
145.	897	Smart City Traffic Optimization using Multi-Class Detection Vision Transformer for Real-Time Vehicle Monitoring <i>C. M. Selvamuthu, Sri Bhavani, Kanika Tejaswani, Kirthika, Isha Bhavanti and A. Shivakumar</i>
146.	900	ThreatGuardianFlow: A Novel Intrusion Detection Framework for Enhanced Security in Dynamic Network Environments <i>S. Muruganandhan, Shakthi Sundaresan S., Sakthi Mahendara S., Mohamed Kaif, Jayashree G. and S. Sarunesh</i>
147.	904	Comparative Study of 1-D and 2-D Photonic Crystal based Biosensor for Detection of Plasmodium Parasite in Cells <i>Venkatesh Badageri, Sneha Sharma and Preeta Sharan</i>
148.	936	A Machine Learning based Approach for classifying Major Depressive Disorder from Resting-State EEG <i>Ichhanshu Jaiswal, Adarsh Anil Suryvanshi, Sujal Naresh Vaishnav and Siddhanth Sathish Shetty</i>
149.	938	Prediction of Strength of a Storm in Indian Subcontinent using PCA Technique <i>Satya Sundar Mallick, Monideepa Roy and Sujoy Datta</i>
150.	950	GreenCode: A Hybrid Model for Accurate and Efficient Carbon and Cost Prediction <i>Pavan Rahul Bhosale, Suruchi Santosh Gupta, Aquib Zakir Ahmad and Yogesh Prabhakar Pingle</i>
151.	951	Prompt Genomes: Adaptive Evolution of Hierarchical Instructions with Staged Evaluation <i>Vidya Gaikwad, Om Kharate, Kaustubh Mukdam, Samarth Khedkar and Ayush Khatal</i>
152.	952	LexSaksham: AI-enabled Context-Specific Contract Management Platform <i>Vidya Gaikwad, Chetan Agrawal, Aryan Ketkar, Manthan Agrawal and Shirraj Agarkar</i>
153.	960	AI-powered Deepfake Detection System for Audio and Video Integrity <i>Anuradha Yesugade, Kiran Yesugade, Suresh Sawant, Jayashree Jadhav, Priyal Bhagwat, Akshada Bombe, Shweta Gogawale and Eshani Ghanwat</i>
154.	963	Operationalizing Adversarial Machine Learning Robustness through Structured Logging for Security Operations <i>Bhavik U. Mehta and Hargeet Kaur</i>
155.	968	The Qiskit Ecosystem: A Theoretical Analysis of Quantum Circuit Transpilation, Noise Modeling and Error Mitigation <i>Yamini Likhari and Abhishek Singh Rathore</i>
156.	971	Static Network-enhanced Android Malware Detection using Anti-Runtime Analysis Techniques <i>Siddhi Shinde, Prajakta Chorge, Renuka Kadam and Kanchan Dhuri</i>
157.	976	Efficient Feature Selection of Deep Features for Breast Cancer Detection using Nature-inspired Optimization <i>Geeta Agarwal and Sonam Seth</i>
158.	978	AI-enabled Early Detection of Alzheimer's Disease using Medical Imaging <i>Mohammad Amreen and Beebi Naseeba</i>
159.	986	Adaptive Message Security (AMS): A Content-aware Encryption Framework using Transformer Models <i>Priya Narsugade, Vaishali A. Mishra, Madhuri P. Karnik, Rutuja Bedage, Prajakta Dhamane and Gayatri Phadatare</i>
160.	994	Deepfake Generation and Detection: A Systematic Review of AI-driven Techniques and Security Frameworks <i>Preetika Panwar, Sonia and Damini</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
161.	996	Facial Analysis based AI and Deep Learning assisted Driver Sleep Detection Technique <i>Rajakumar M. P., M. Balasubramani, K. Fouzia Sulthana, P. Shanthakumar, K. Danielraj and M. Robinson Joel</i>
162.	997	Analysis of Role of Number Theory in strengthening Modern Cryptographic Protocols <i>Tanya Sharma, Vrashti and Sakshi Gupta</i>
163.	998	Leveraging Blockchain Technology and Federated Learning for Healthcare Data Security and Privacy Preservation <i>Kajalben Tanchak, Kaushal Shah and Nishant Doshi</i>
164.	1002	A Decentralized Approach to EHR Management: Leveraging Blockchain for improved Data Integrity and Patient Trust <i>Deepak Singla, Mayank Lakhotia, Shipra, Deepali Gupta, Sapna Juneja and Shyam Sundar S.</i>
165.	1005	Privacy-Preserving Big Data Analytics on Cloud using Differential Privacy Mechanisms <i>B. Vasantha, S. Aishwarya, T. Madhuri, U. keerthi, V. Vanitha and V. SrestaGladys</i>
166.	1006	A Novel Approach using q-ROFN and Gaussian Fuzzifier for Critical Path identification in Project Scheduling <i>Ankit Kumar and Harendra Kumar</i>
167.	1007	Cost-Efficient and Secure Data Lake Architecture for Scalable Cloud Analytics <i>K. Biksheswara Rao, K. Rakesh, Nivetha N., K. Aruna Sri and Thejo Lakshmi Gudipalli</i>
168.	1009	Real-Time Anomaly Detection in Cloud Data Streams using Deep Autoencoder based Reconstruction Models <i>Gudlanarva Sudhakar, G. Deepika, Ponmurugan Panneerselvam, K. Gowthami, S. Parveen and Paparao Nalajala</i>
169.	1027	Cloud-Native Data Analysis Pipelines for Healthcare with HIPAA-Compliant Security Layers <i>Damala Obulesu, L. Malliga, Punitha V. C., K. Sravani, P. Udayasree and Bhavana Godavarthi</i>
170.	1029	Real-Time Low Cost IoT-based Health Monitoring System for AVIRS Patients <i>Ankit Kishore Sen</i>
171.	1030	Multi-Level Intrusion Detection in Cloud Platforms using Ensemble Learning <i>J. Teja, Jongoni Srikanth, Gayathri B., T. Jayananda Kumar and Thejo Lakshmi Gudipalli</i>
172.	1044	EEG-based Cortical Source Localization for Human Stop-Signal Tasks using Head Harmonics MUSIC <i>Ankit Kishore Sen</i>
173.	1047	Application of a Smart UAV-based Water Quality Monitoring System in Shrimp Farm: Evaluation and Analysis <i>Mercy Amrita C., Balasubramanian K., Leengaesh Sai A. and Prasanna Venkatesh A.</i>
174.	1049	Rail Condition Monitoring using Optical Sensors in Laboratory Test Train Rig <i>Suchandana Mishra, Preeta Sharan and Manju Devi</i>
175.	1051	Source Localization and Functional Connectivity Analysis of Human Stop-Signal Tasks using sLORETA <i>Ankit Kishore Sen</i>
176.	1054	SmartFarmNet: IoT-driven Crop Monitoring and Yield Prediction using Ensemble Learning <i>Srinivas Rao Nune, A. Saitejasri, Bantu Varsha Sri, Chellam Sathwika, Gadipalli Jagruthi and Jalagadugula Vaishnavi</i>
177.	1060	A Unified Fuzzy Inventory Framework with Memory Effects and Carbon-Emission Cost Integration using 2DFMC and HFS-VIKOR <i>Paul Raj Selva Kathir and Jeevanantham Jayanthi</i>
178.	1061	NEUROGAN: A GAN Framework for Rare Neurological Disease Simulation in Medical Imaging <i>Harshvardhan Nikesh Patil, Sahil Shashikant Salunke, Soham Satish Shivpuje and Yogesh Pingle</i>
179.	1077	Early Prediction of Sepsis in ICU Patients using Deep Learning on Time-Series: A Comparative Study of GRU-D, LSTM and 1D-CNN <i>Manju Goel and Renu Popli</i>
180.	1080	CrowdShield: AI-powered Crowd Management and Stampede Prevention <i>Sheetal Sapate, Vaishali Phalke, Kuldip A. Patil, Ruchira Madchetty, Shruti Mahadar and Shubham Gaddam</i>
181.	1081	Handwritten Digit Recognition in Historical Manuscripts: Benchmarking CNN, CRNN and MobileNet V1 on ARDIS III <i>Manav Jain and Shanky Goel</i>
182.	1082	Performance and Power Analysis of AES Algorithm on different Xilinx FPGAs <i>Ayush Mishra, Ayushi Gupta, Keshav Kumar, Bhushan Bhimrao Chavan, Lakhichand Khushal Patil and Sachin Chawla</i>
183.	1084	User Perception and Adoption of 5G Technology: A Study in Rural Areas of Punjab in India <i>Rajwinder Kaur</i>
184.	1086	Legal and Regulatory Challenges in securing High Speed 5G/6G Networks: A Comparative Analysis of India, EU and USA <i>Swati Sahotra</i>
185.	1090	Sentiment Analysis in the Digital Era: Techniques and Challenges <i>Shipra, Kanwal Garg and Deepak Singla</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
186.	1095	Secure Homomorphic Encryption Approach for Privacy-preserving Data Processing in Cloud Environments <i>V. Annapurna, Y. Kiran Kumar, Shanthi V., S. Satya Kumar, Thejo Lakshmi Gudipalli and Bhavana Godavarthi</i>
187.	1098	A Comparative Study of Preprocessing Techniques for Ulcerative Colitis Detection <i>Sunaina Verma and Manju Bala</i>
188.	1099	Analysis of Seasonal Dynamics of Urban Heat Island and Eco-Hydrological Stress using Multi-Sensor Satellite Data of Gondiya, Maharashtra <i>Anjali Jagtap, Sonali Kadam, Swapnil Mane, Kavita Sawant, Divyashri Salunke, Manasi Talele, Girija Sarode and Shravani Gondhalekar</i>
189.	1100	The Fractal Brain under Siege: Disentangling Neural Chaos and Complexity Reserve in Alzheimer <i>Darsh Choudhary and Nirupma Singh</i>
190.	1101	The Evolution of Software Testing - Industry Trends in Generative and Agentic AI <i>Prashasti Verma, Vaishali Joshi and Yashita Verma</i>
191.	1106	Enhanced Detection of Diabetes-associated Retinopathy using Feature-driven ML Classifiers on Macular Fundus Images <i>R. Shamli and P. Vasuki</i>
192.	1109	Workplace Spirituality as a Driver of Employee Retention in Sustainable Computing Environments <i>Poorvika P. S. and Vidya D. Avadhani</i>
193.	1112	A Novel Entropy Measure for Fermatean Fuzzy Set Using COPRAS Method for Firewall Selection <i>Vaibhav Pundir, Nasreen Kausar and Sahil Kashyap</i>
194.	1114	A New Fermatean Fuzzy Entropy based MCDM Framework for Laptop Selection using COPRAS Technique <i>Vartika Sharma, Nasreen Kausar and Sahil Kashyap</i>
195.	1116	A New Entropy Measure for Fermatean Fuzzy Set using the COPRAS Method for Operating System Selection <i>Gracy Singh, Nasreen Kausar and Sahil Kashyap</i>
196.	1119	Development of an Machine Learning based Clinical Decision-Support System for Breast Cancer Treatment <i>Samra Faheem, Riddhi Bahri, Hina Bansal and Seneha Santoshi</i>
197.	1129	A SIHO-Optimized Distributed CNN for Secure Parkinson's Disease Prediction in IoT enabled Healthcare with Social-Media enhanced Patient Interaction <i>Divya Pandey, Shahnawaz Ahmad, Mohd. Aquib Ansari and Mohd Anas</i>
198.	1152	An Enhanced Deep Learning Framework for predicting Risk Levels of Heart Disease using Multimodal Data <i>Manpreet Kaur, Rohini Mahajan, Amandeep Kaur, Sourav Pindal, Kavita and Vikas Attri</i>
199.	1156	GannVeda — A Novel Method for Sustainable Sugarcane Packaging <i>Abhinav Narayan Singh and Sakshi Gupta</i>
200.	1157	A Review on the Current Techniques of Sustainable Cloud Computing Framework for the IoT-enabled Smart Cities <i>Sauradeep Dutta and Ruchika Sharma</i>
201.	1160	A Novel Algorithm on Analysis of a Contextual Machine Learning System for Task Offloading for Efficient Mobile Cloud Processing <i>O. Ramya Teja, Pola Spandhana, Sanju Amulya, Shaik Haseena Bhanu, Shaik Nasima and Sheroven Kumari</i>
202.	1165	Deep Learning based Brain Tumor Segmentation using U-Net with Attention Mechanisms <i>P. Asmitha, P. Sai Kumar, Premkumar U., T. Sridhar Reddy, Gannera Eswar and Bhavana Godavarthi</i>
203.	1174	X-Ray Image Classification using Transfer Learning and Fine-Tuned CNN Models <i>Ayub Baig, Samrin, Yada Sanjana, Patha Bhavani, Vennampalli Sharanya and Sanda Vaishnavi</i>
204.	1179	Self-supervised Learning for Histopathology Image Analysis with Limited Labels <i>Putta Srivani, Vishaka Singh, Shilparathod, Vemula Poojitha, R. Meghana and Sakshi Mishra</i>
205.	1183	Hybrid Deep Learning for Dyslexia Severity Prediction using YOLOv5 Detection and Sequential Transfer Learning <i>Boddu L. V. Siva Rama Krishna, Heman Narayanan, S. N. V. L. Sai, Sowmya Gummadi and Lahari Alapati</i>
206.	1184	Personalized Diet Recommendation using Transfer Learning on Tabular Health Data <i>Boddu L V Siva Rama Krishna, Pothireddy Avinash Reddy, Thotakura Hemanjali, Alamanda Pradeep Kumar and Sk K. Jeelani Basha</i>
207.	1187	Quantum-Resilient Cryptographic Framework for Secure and Scalable Cloud Storage Systems <i>Y. Kiran Kumar, B. Ammani, Vinitha M., Mohammad Basheer Ali and Thejo Lakshmi Gudipalli</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
208.	1188	AI-enabled YOLOv8 based Real Time Crop Disease Detection and Precision Farming System <i>Adarsh Manoj Pandey, Akshat Suhas Parab, Aditya Sameer Tawade and Ichhanshu Jaiswal</i>
209.	1202	Machine Learning based Classification Framework for Early Detection of Rheumatic and Autoimmune Diseases <i>T. Dhivya and K. Anita Davamani</i>
210.	1206	Zero User Interface in Online Shopping: Redefining Accessibility for the Visually Impaired <i>Riya Pal, Mangeshkumar Shah, Sahil Ansari, Shruti Agrawal and Kanchan Dhuri</i>
211.	1208	Multi-modal and Learning-based Approaches for Mental Health Detection via Social Media: A Comparative Study <i>Sukhbeer Kaur, Mohit Angurala and Parwinder Kaur Dhillon</i>
212.	1209	VideoVCS: A Semantic-Heuristic Framework for Sustainable Resource Optimization in Non-Linear Editing Workflows <i>Farin Farooq Attar, Kabeer Ahmed Merchant, Sarthak Karandikar, Pradeep V. Jadhav and Ketaki Malgi</i>
213.	1210	CheatGuard: A Distributed Multi-Modal Anti-Cheating System for Hybrid Examinations using Custom Trained Models with Real-Time Alert Dashboard <i>Arunabh Barooah, Ayush Kumar, Aryan Mishra, Atharv Ganesh Katyarmal and Deepti C.</i>
214.	1213	A Comprehensive Analysis of Deep Learning Architectures for Breast Cancer Detection <i>Kanchan Nahar and Deepak Dudeja</i>
215.	1216	AI-driven Carbon Intensity Forecasting with Green Sliding Window Detection <i>Manjunath D. R., Sunayana S., Shreyas Gouda M., Anup P. Vaidya, Pranav Srinivas and Anagh Bheemsenrao Deshpande</i>
216.	1217	Threat-Adaptive Post-Quantum Authentication Pipeline for Telemedicine <i>Chirag Sathish, Arshad Khan, Deepesh Haldankar, Nikhita G. and Shruthi L.</i>
217.	1234	Resource-saving Dynamic Routing Technique for Software-Defined Networks <i>Florance G., S. Nagaraj, Senthil Kumar Angappan and Selvaraj Kesavan</i>
218.	1235	A Survey of Question-Answering Taxonomy in Natural Language Processing <i>Pushpinder Singh, Manjit Singh and Rohan Gupta</i>
219.	1240	VoiceMed: A Multilingual Voice-First EHR Platform with Medical NER, Blockchain Audit Trails and Cross-Institutional Record Unification <i>Farin Farooq Attar, Siddhi Anil Bhujbal, K. V. Patil, Isha Sanjay Jadhav and Manjiri Sandip Pawar</i>
220.	1247	Artificial Intelligence as the Catalyst for Circularity in the E-Waste Management: A Systemic Architecture for Traceability and Resource Recovery <i>Andleab Muzaffar, Attri Banik, Ankur Chaurasia, Sneha Santoshi and Hina Bansal</i>
221.	1248	From Scrap to Smart Solutions: A Circular Economy Blueprint for reviving Electronic Waste <i>G. Durga and D. Umamaheswari</i>
222.	1249	A Blockchain based Framework for GPT and Social-Media driven Education <i>Ritanjali Panigrahi</i>
223.	1258	Dynamic AI-driven Load Balancing for Efficient Web Server Resource Allocation in Cloud Computing Environments <i>Chaitrashree S., E. Saravana Kumar and Manush Prajwal</i>
224.	1262	Design and Optimization of JL-NSFETs for DC, Analog and RF at Sub-5 nm <i>Vadhya Bheemudu and Dhandapani Vaithiyathan</i>
225.	1265	Slip Resistant Sustainable Materials for Footwear <i>D. K. Chaturvedi, Nisha Verma, Krati Varshney, Manjit Bhargav and Raj Kamal Bhagel</i>
226.	1270	SmartSight Assist: A Guardian-connected Blind Assistance System using AI and IoT <i>Sheetal Sapate, Vaishali Phalke, Purva Santosh Shinde, Tanvi Anil Zagade, Janvi Sunil Zagade and Samrudhi Pravin Gosavi</i>
227.	1272	AI-based Resume Analyzer using NLP and Machine Learning <i>Khuram Shaikh, Ameya Bhalerao and Shilpa Joshi</i>
228.	1275	ConvLSTM-based Spatio-Temporal Modeling for Real-Time Unsupervised ECG Anomaly Detection <i>Kranti N. Gule, Aditya Sameer Tawade, Hardik Prakash Sanap, Akshat Suhas Parab, Adarsh Manoj Pandey and Soham Vijay Pandere</i>
229.	1276	VLIF: A Large-Scale Benchmark Dataset for Inter-Frame Video Forgery Detection with an MMR-CoV-based Detection Framework <i>Manpreet Kaur Aulakh, Navdeep Kanwal and Manish Bansal</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
230.	1280	Advancing Speech Emotion Recognition for Social Media and Mental Health: A Comparative Study of CNN and BiLSTM Models <i>Sheen Pandita, Sherin Baiju, Swati Kar, Shaveta Arora and Srishti Vashishtha</i>
231.	1298	A Predictive Modeling Framework for Thyroid Diseases Classification <i>Tisha Tandel, Riddhi Patel, Krishna Panwala, Manan Parekh and Rachana Oza</i>
232.	1300	Generative Adversarial Networks based Cyber Deception Tactic Development and Evaluation of Honey Pots <i>G. Harish Kumar, M. Madhuri, P. Neelima, P. Nikhitha, T. Saritha and T. Priyanka</i>
233.	1312	AI-driven Predictive Analytics in Supply Chain Operations: An Analysis of Perishable Horticultural Product <i>Sukanya Kundu and Jagat Pradip Das</i>
234.	1325	Quantum-Resistant Cryptographic Protocols for Post-Quantum Secure Communications <i>Padma Guntupalli, M. Chandana, M. Rashi, M. Sri Harshini, P. Mounika and S. Veena Madhuri</i>
235.	1326	A Comparative Study of various Prediction Models for Surface Ozone <i>Geetanjali Sharma, Rajeev Kumar Bedi and Garima Mittal</i>
236.	1328	A Data-driven Predictive Maintenance Approach for Real-Time Machine Health Monitoring <i>L. Manjula, E. Saravana Kumar, Sunil A. S., Tarun Anand R., Shiva Shankar S. and Sathish Kumar S.</i>
237.	1362	Explainable AI for Cyber Security: Interpretable Threat Analysis using SHAP and LIME <i>Prathipati Venkata Prasanna Kumar, M. Swetha, P. Mythili Kumari, P. Akshitha, R. Sreeja and R. Harshitha</i>
238.	1365	A Machine Learning based Approach for Air Quality Index (AQI) Prediction <i>Kranti Gule, Adarsh Anil Suryavanshi, Siddhant Satish Shetty and Sujal Naresh Vaishanav</i>
239.	1368	A Machine Learning and Bibliometric Analysis of AI and Technology Adoption in Education: Behavioural Influences, Learning Systems and Applications <i>Pankaj Kumar Mishra and Ritanjali Panigrahi</i>
240.	1370	IoT-enabled Smart Retail Technologies and their Influence on Consumer Purchase Decisions <i>Roshan Kumar Shiva and Geetha Manoharan</i>
241.	1372	Enhancing Digital Financial Fraud Detection using Reinforcement Learning <i>Rajesh Kumar Pal, Tamana Shah and T. P. Sharma</i>
242.	1373	Enhanced Secure Image Encryption Framework using Multi-Layer Multi-Chaotic Maps, AES and Cryptographic Key Strengthening <i>Vilas T. Mahajan, Rijwan Khan, Lakhichand K. Patil, Kalpesh Popat and Bhushan B. Chavan</i>
243.	1377	Optimised LSTM Model for Electric Load Forecasting using Genetic Algorithm: A Comparison with Machine Learning Methods <i>Bhawna Goyal, Mukesh Singh, Sudeep Varshney, Ali Alkwazhy, Priyanka Rani, Aaliya Ali and Dawa Chyophel Lepcha</i>
244.	1380	Comparative Performance Analysis of Supervised Machine Learning Techniques for Intrusion Detection Systems <i>Pradeep Kumar Mishra, Dawa Chyophel Lepcha, Arnav Kotiyal, Baker Karim, Priyanka Rani and Bhawna Goyal</i>
245.	1382	Investigation on Parameters of CNN Model for Fruits and Vegetables identification using TOPSIS Method <i>Pulkit Jain, Balwant Singh, Simarjeet Kaur, Sudeep Varshney, Ankit Singh and Ahmad Alkhayyat</i>
246.	1383	Integrated LSTM based Short-Term Load Forecasting optimized with XGBoost Machine Learning <i>Sushant Jhingran, Dawa Chyophel Lepcha, Yogesh Lohumi, Shafiq Sharhrah, Chaitanya Singla, Bhawna Goyal and Rohini Das</i>
247.	1384	Unmasking Deepfake Images: A Comprehensive Review of Manipulation and Detection <i>Jasveer Singh, Dinesh Kumar and Jasvinder Pal Singh</i>
248.	1385	Hybrid Workload Scheduling with Thermal Management to Boost Renewable Energy Adoption in Green Data Centres <i>Abhishek S. Verma, Aaliya Ali, Rohan Verma, Mostafha Alwbaidy, Chaitanya Singla and Bhawna Goyal</i>
249.	1387	A Comprehensive Analysis of Blockchain-based Cryptocurrencies for improved Forecasting Models <i>Aaliya Ali, Ali Imam Abidi, Darshan Singh, Saef Thallal, Mukesh Kumar and Bhawna Goyal</i>
250.	1390	Octa Lunar Bot: A Theo Jansen Mechanism based Multi-Legged Robot for Overcoming Challenges in Enhanced Lunar Exploration <i>Praveen Vana, Rajwant Kaur, Manoj Sindhvani, Sachin Chawla, Nitin Rakesh and Akhil Gupta</i>
251.	1393	A Comprehensive Review of Neuro-symbolic AI in Multi-domain Integration <i>Agampreet Kaur, Agam Singh Sethi and Mahender Singh</i>
252.	1396	Isolation Forest based Detection of Evil Twin-Assisted Zero-Day Attacks in Network Traffic <i>D. Santhadevi, B. Jaya Keerthi and Renugadevi N.</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
253.	1399	Mitigation of Total Harmonic Distortion in ZCT-ZVT Quasi-Resonant Buck-Boost Converters using the HHO Algorithm <i>Nisha C. Rani, B. Devi Vighneshwari and Jayakumar N.</i>
254.	1401	Enhancing Subtitle Readability of Whisper Transcripts using NLP-based Chunking Techniques <i>Vijay Kumar, Nisha Malhotra, Srishti Vashishtha, Dev Dogra and Rachna Narula</i>
255.	1403	A Hybrid Machine Learning Model for enhanced Multi-Protocol Malware Detection in Darknet Traffic <i>Riya, Ankur Arora, Felix Etyang and Ngaira Mandela</i>
256.	1405	A Comprehensive Review of Cybersecurity in 5G and 6G Networks: SDN, NFV, Slicing, and Massive IoT Security <i>Biky Chouhan, Anshul Sharma, H. Pathak, Anoop Gopi, Ravi Raj and Atharva Prashant Joshi</i>
257.	1406	A Hybrid LSTM-GRU Deep Learning Framework for Adaptive Real-Time Forecasting of Extreme Rainfall Events <i>Soham Hemendra Raut, Krunali Vikas Vartak, Vidhesh Pandurang Patil, Yogesh Prabhakar Pingle</i>
258.	1417	An Enhanced Deep Learning Architectures for Precise Lung Cancer Classification via CT-Scan Imaging <i>Kanchan Nahar, Supriya Saxena, Nidhi Poonia, Suresh Kumar, Bhushan and Ritu Mishra</i>
259.	1418	Hybrid Anomaly Detection using Self-Supervised Learning and Graph Neural Networks <i>Shravan Chandra G., Shruti Pradhan, Unnam Dedepeya, Veeramalla Akshara, Yeldandi Lasy and Telukanti Sarika</i>
260.	1421	Predicting Earnings Management using Corporate Governance Attributes: A Machine Learning Approach for Indian Listed Firms <i>Ranjitha Nagaraj and Shekar Babu</i>
261.	1427	Sustainable Financial Performance of Regional Rural Banks: A Quantitative Assessment based on Digital Innovation <i>Mukesh Pal, Anand Kumar Sonkar, Hemant Gupta and Vinay Joshi Chandniwala</i>
262.	1428	Enhancing Real-Time Face Detection and Recognition via Deep Model Fusion <i>Ajay Dilip Kumar Marapatla, Bhulakshmi Ainala, Sai Sanjay Sakalabhaktula and Jathin Enakalla</i>
263.	1475	Handmotion Ride: Development of a Low-Cost Wireless Hand Gesture Controlled Smart Wheelchair <i>Khushi Sharma, Mamta and Rohit Anand</i>
264.	1478	A Multi-Modal Diagnostic Framework for Parkinson's Disease Detection using Deep Representation Learning and Probabilistic Decision Fusion <i>Roshani Rajendra Pasalkar and Shashank D. Joshi</i>
265.	1480	Forecasting Wellness Tourism Market using a Hybrid ARIMA-GRU Deep Learning Model <i>Durva Ravnang, Affan Ali and Chitralkha Kumar</i>
266.	1484	A Survey on Sleep State Classification using Multimodal Physiological Signals and Advanced Classification Techniques <i>Prajakta Pawar, Rohini Jadhav, Rohit Jadhav, Yogesh Kadam and Veena Jadhav</i>
267.	1487	Multimodal Emotion Recognition using Hierarchical Contrastive Residual Cross-Attention Fusion <i>Titiksha Bhavsar, Vidhi Bhanushali, Asmit Dash and Minal Sonkar</i>
268.	1490	Novel Brain Tumor Diagnosis: Multifaceted Imaging Integration with Deep Transfer Learning Mechanism <i>G. Nivethasri, P. Vasuki and N. Fathima Shrene Shifna</i>
269.	1500	Classification of Drones using Radar Cross-Section Signatures at mmWave Frequencies <i>Deepansh Garg, Mayank Singhal, Yatin Thakral, Suhani Agarwal, Richa Bhatia and Avinash Kumar</i>
270.	1502	Legal, Ethical and Accountability Challenges of AI-based Decision Systems <i>Adhikshit Singh, Shantanu Raj, Manish Kumar Rai and Meena Chavan</i>
271.	1506	A Comparative Analysis of Machine Learning, Deep Learning and Transformer Models for Emotion Detection in Code-Mixed Hinglish Text <i>Jiya Kumari, Anshika Yadav, Jasreen, Nirma Peter, Isha Malhotra and Nidhi Goel</i>
272.	1507	MineSafe-AI: Worker Safety Monitoring System using Machine Learning <i>H. L. Dike, S. G. Zine, R. S. Bekarse, D. D. Daspute, M. S. Kale and N. B. Vikhe</i>
273.	1508	GeoSmartAttend: A Machine Learning based Multi-Modal Smart Attendance System using Face and Location Verification <i>J. Jesy Janet Kumari, Jayaraj N., Sowmya H. K., Pavan N., Nithin T. and Pruthvi C.</i>
274.	1509	A Multi-dimensional Framework for AI Intelligence Assessment in Defence R&D Contexts <i>Swastik Sharma, Sumit Goswami and Tanisha Chauhan</i>
275.	1512	Energy-Aware Fuzzy Task Offloading for Low-Power High-Performance Computing Systems <i>Deepak Kumar, Sumit Kumar Rana, Arun Kumar Rana and Joydev Ghosh</i>
276.	1513	Risk Assessment and Completion Forecasting in Defence R&D Projects using Fuzzy-Bayesian Inference <i>Tanisha Chauhan, Sumit Goswami and Swastik Sharma</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
277.	1522	Enhancing Breast Cancer Classification Performance through Feature Selection and Machine learning: A Comprehensive Analysis <i>Abdulbasid Banga</i>
278.	1527	Intelligent CNN Framework for Okra Leaf Anomaly Analysis in Precision Agriculture <i>R. C. Dyana Priyatharsini, Lydia Suganya and Jonnalagadda Srilikhitha</i>
279.	1533	AI-based Dental Diagnosis using Orthopantomograph (OPG) <i>Aarti Prasad Pawar, Rajesh B. Ghongade, Bhavya Kumari, Samiksha Gaikwad and Aastha Dubey</i>
280.	1535	LeX-Scan: Towards Scalable and Fair Legal Petition Screening using Semi-Supervised Learning <i>Avijit Gayen, Soham Paul, Shubam Singh, Mainak Sen, Somyajit Chakraborty and Angshuman Jana</i>
281.	1536	HAND-AID: Detection of AI-generated Answer from Handwritten-script using Image Processing <i>Avijit Gayen, Sumana Sikder, Anwesha Bose, V. Bose, Riitika Singha, S. Mukhopadhyay and Angshuman Jana</i>
282.	1546	A Two-Stage CAM-guided Framework for Efficient Cancer Classification: Leveraging Pseudo-Segmentation and ROI Refinement <i>Rohith V., Bipin Nair B. J., V. S. Ramachandran and P. K. Krishnan Namboori</i>
283.	1549	A Real-Time Image based Indian Sign Language Recognition System using Deep Learning Models <i>Bipin Nair B. J., Mohak M. and Deepak H.</i>
284.	1551	Handwritten Document Accessibility: A Comparative Analysis of ResNet50 and Optimized Bi-GRU CRNN <i>Bipin Nair B. J., Sreesankar K., Niranjana R. and Anuranch P.</i>
285.	1558	Government Sentiment Hub: An Information Verification and Analysis Portal <i>Thakkola Suprathika, Yerramsetty Poojitha, Siva Bhaskar Kora and Pallavi M.</i>
286.	1578	Development of an Autonomous Quadcopter with Object Detection Capability and a Custom Ground Control Station <i>Richa R. Khandelwal, Bhavesh C. S. Gupta, Vineet A. Gandhi and Jitendra B. Zalke</i>
287.	1583	Assistive Automation through Voice Intelligence: A Systematic Review of Smart Home Technologies for the Visually Impaired <i>Karishma, Anusarv Saini, Aarti Manocha, Sonu, Sachin Kumar and Neda Fatima</i>
288.	1602	Intelligent Access Control Mechanism using Explainable AI for Cloud-enabled E-Healthcare Environments <i>M. Sindhu and K. Anita Davamani</i>
289.	1603	A T5-based Government Portal Question-Answering System enhanced with a Provenance-Anchored Supersedence Ledger <i>Harsh Kumar, Siddharth Prajapati, Raiyan Ali and Enjula Uchoi</i>
290.	1606	Analysis of FSO Connectivity in the Andaman and Nicobar Islands of India <i>Yugnanda Malhotra, Ridhi Gupta, Jolly Parikh, Himanish Puri and Sumit Chakraborty</i>
291.	1610	Depression Detection using ModernBERT and CNN Ensemble Model in Text Data <i>Vanita Jain, Arun Kumar Dubey, Achin Jain and Yash Prakash Narayan</i>
292.	1615	Performance Analysis of a LoRaWAN: Effect of On-Air Time <i>Ashima Shahi, Jyoti Shekhawat, Birinderjit Singh Kalyan and Prachi Dewan</i>
293.	1619	Cloud-Native Hospital Management and Telemedicine Platform <i>Priya Jha, Ramandeep Sandhu, Talluri Jishnu Sri Vardhan, Kunal Anand, Abhishek Kushwaha and Prachi</i>
294.	1656	A Deep Learning based Approach for Data Security and Error Detection in Massive IoT-CPS Systems <i>Dinesh Singh Dhakar and Vivek Jaglan</i>
295.	1669	A Review of DDoS Detection Methods in Software-defined Networking <i>Riya, Sonia and Pankaj Jain</i>
296.	1670	Enhancing Speaker Identification for Indian Languages via Domain-Specific Fine-Tuning of TitaNet-L <i>Lokesh V., Ashu Abdul and Siram Lakshmi Alekhya</i>
297.	1675	Intelligent Energy-Aware Adaptive Beamforming for 6G Massive MIMO Networks via Integrated DBN, DQN and VIT <i>G. Kanagavalli and P. Dhinakar</i>
298.	1678	AI-driven Victim Identification and Surveillance: A Comprehensive Survey of Deep Learning and Cybersecurity Approaches <i>Rishita Tehlan, Rishabh Sharma, Saptadeepa Kalita and Avinash Kumar</i>
299.	1680	Adaptive Enemy Behaviour in Interactive Games using AI-ML and Reinforcement Learning <i>Akashdeep Singh, Kirandeep Kaur and Neetu Rani</i>
300.	1681	Interpretable Multimodal Fusion: Attribution-based Explanations Across Text, Image and Sensor Streams <i>Satyendra Vyas, Raj Kishor Verma, Nagendra Nath Dubey, Shanu Kumar and Nidhi</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
301.	1684	IoT-driven Real-Time Patient Monitoring Platform with Artificial Intelligence assisted Cloud Environment <i>J. Gayathri, Tejaswini, Janhavi, Mukesh Raj V., M. Esitha and Mythili G. S.</i>
302.	1685	OptiSynergyNet: A Hybrid Ensemble Framework for IT Risk Mitigation and Resource Allocation Efficiency <i>Raveena R. Nair, Kaviyarasi M., S. Prasana, Deelipkumar, B. Jayashree and V. Vimalkumar</i>
303.	1686	IntelliStratNet: A Novel Ensemble Model for streamlining Strategic and Operational Decision-Making Processes <i>J. Gayathri, A. R. Kanya, J. Dhanvika, Subhadharshini Senthil Kumar, Vanathi N. and Pradhnya</i>
304.	1689	IoT-based Wearable Platform for Continuous Health Monitoring and Early Diagnosis <i>E. Venugopal, Jinesh Jayan, Devi Sanal, S. Jeevha Prasath, Akash M. and S. Abdul Kalaam</i>
305.	1694	Ethical Audio Moderation using Responsible AI: A Multilingual Framework for detecting Abusive Speech in Real-Time Conversations <i>Madhuri V. Thorwat, Swapnali R. Pawar, Nayana B. More, Bhagatsingh D. Jitkar, Pralhad R. Gavali and Sandeep B. Vanjale</i>
306.	1703	A Quantum Blind Signature integrated Hybrid Quantum Key Distribution Framework for Secure and Authenticated Quantum Communication <i>Taranjeet Kaur and Gaurav Bathla</i>
307.	1714	Multiple Output Load Power Management for Solar-Powered Portable Devices <i>N. Vijaya Lakshmi, Sowjanya Adapa, G. S. Pradeep Ghantasala, Akey Sungeetha and Rajesh Sharma R.</i>
308.	1718	Multimodal Transformer Models in Healthcare Diagnostics: A Comprehensive Review <i>Sahil Sharma and Rajinder Kumar</i>
309.	1765	Retinal Imaging based Deep Learning for Cardiovascular Disease Risk Prediction: A Systematic Review <i>Snehal P. Hon and Meena Chavan</i>
310.	1771	Learning Spatio-Temporal Patterns for Network Intrusion Detection using a Hybrid CNN–GRU Model <i>Spinder Kaur, Rohit Bajaj, Shonak Bansal and Haipeng Liu</i>
311.	1775	Challenges in Milk Yield Forecasting and Feed Optimization: A Comparative Study of AI-based and Quantum-enhanced Dairy Systems <i>Renu Chaudhary and Rajeev Gupta</i>
312.	1778	Blockchain based Credential Management and Educational Applications: Current Trends and Gaps <i>Annupriya and Raj Kumar</i>
313.	1779	Multi-Crop Health Classification from Real-Time IoT Sensor Streams using Convolutional Neural Networks <i>Sekhar Babu Golla, M. Chandrakala, N. Tejaswini, N. Yamini, P. Thrishujun and S. Neetha Reddy</i>
314.	1780	Zero-Trust Reinforcement: An Adaptive Access Control Framework using Deep Learning <i>Mogili Venu, M. Kruthika, R. Likhitha, K. Varshika, K. Navya and M. Navya</i>
315.	1789	AI-driven Affective Assessment: Personality Inference Review and Scalable NEP Aligned Framework <i>Sonu Gupta and Pooja Raundale</i>
316.	1791	Many-Objective Optimization based Cluster Head Selection for Homogeneous and Heterogeneous WSNs <i>Akshika Jain, Anshuman Kandpal, Gunjan and Ajay K. Sharma</i>
317.	1796	A Comparative Deep Learning Framework for Forgery Detection in Scanned Legal Documents using Texture and Ink Variation Analysis <i>Bipin Nair B. J., Vishnu Prasad Varier, Gowda Tilak Srinivasa, Samarpith T. and Abinanth H.</i>
318.	1798	Model Context Protocol: A Comprehensive Analysis for AI-assisted Database Query Generation in Multi-Dataset Research Platforms <i>Tushar P. Jadhav and Mayuri H. Molawade</i>
319.	1812	A Deep Learning based Evolution of Decision Trees for Cyber Attack Detection <i>Pradnya Kamble, Manas Patane, Aditya Chandole, Suyash Dandge and Prathamesh Lahande</i>
320.	1821	Securing E-governance System for Digital Documents Verification and Validation using Blockchain <i>Kajal Jain, Sanjeev Rana and Charu Sharma</i>
321.	1824	A Context-Aware Tripartite Fusion Network for Robust Biomedical Entity Normalization <i>Kartik Juneja</i>
322.	1828	Enhancing Conversational Empathy: A Hybrid BERT-T5 Framework for Emotion-aware Dialogue Generation <i>Prakash Pal and Divya Mishra</i>
323.	1843	Optimizing EfficientNet-Lite with Quantization-Aware Training for Lightweight Plant Disease Detection <i>Mugera K. Mutawalli, Sandeep B. Vanjale, Netra S. Patil, Sonali C. Sethi, Ruchira K. Tare and Veena J. Jadhav</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
324.	1846	Optical Millimeter Wave Generation using Heterodyne Technique for Radio over Fiber System <i>Nidhi, Sandeep Dahiya and Ajay Kumar</i>
325.	1850	AI-based Diabetic Retinopathy Detection and Classification: A Comprehensive Review <i>Gauri Bilaye, Ananya Bhattacharjee, Geetanjali Sharma and Shanky Goyal</i>
326.	1852	A Deep Learning based Approach for Assessment of Policy Impacts on Auto-Rickshaw Drivers' Income and Welfare <i>Ilampari M., Aswathy Prakash G., B. Jeyaprabha, Namrtha Siju, Xenatelle Joseph and Ponnilavan</i>
327.	1858	Deep Learning based Lane Detection using YOLOv8 Segmentation Architecture <i>Bapusaheb N. Babar and Dhiraj M. Dhane</i>
328.	1864	A Machine Learning based Framework for Sports' Result Prediction <i>Harshit and Arshi Husain</i>
329.	1866	IoT-enabled Sensing and Data-driven Approaches for Seedling Health Monitoring in Paddy Crops <i>Shiv Ranjan Singh and Ruchika Sharma</i>
330.	1867	Pythagorean Fuzzy TOPSIS based Multi-Criteria Decision Framework for Sustainable Complex Decision Environments <i>Ruchi Indlia and Ravinder Kumar</i>
331.	1872	LHTAP: A Lightweight Hybrid Task Arrival Prediction Mechanism for Volunteer Computing <i>Shailesh Dinde, Ajit Patil and Shital Dinde</i>
332.	1887	A Multi-Modal Framework for Detection of Greenwashing and Fake ESG Claims on Social Media <i>Rameshwar Arora</i>
333.	1904	AI-powered Visual Similarity Detection and Blockchain-based Copyright Verification Framework for Preventing Art Appropriation <i>N. Kishore, M. Amaraa, Harinishree S. and G. Jayagowry</i>
334.	1905	Federated Deep Learning Framework for Ethical Art Attribution and Copyright Protection across Distributed Creative Platforms <i>N. Kishore, M. Amaraa, Harinishree S. and G. Jayagowry</i>
335.	1907	SoilVisioNet - A Prototype for Soil Quality Investigation and Fruit Disease Detection <i>Nutan Vishal Dolzake and Mrunal S. Bewoor</i>
336.	1924	A Transformer-driven Legal Analytics Model for evaluating Municipal Dog Culling Orders under Indian Constitutional Provisions <i>R. Shalini, S. Thangamayan, Hema R., Udhaya Elango, Archana Ponnambalam and Sabitha S. S.</i>
337.	1928	A Hybrid CNN-Transformer Framework for Automated Myocardial Infraction Detection <i>Umarani Suryawanshi and Meena Chavan</i>
338.	1953	AyurAI: An LLM-based Framework for Disease Prediction and Personalized Ayurvedic Formulation Recommendation <i>Atharva Joshi, Bhumika Yadav and Manisha Kasar</i>
339.	1988	TrueVisage: A Hybrid Deep Learning Framework for Real-Time Deepfake Detection <i>Trupti Suryawanshi, Aarnav Singhal, Vikram Singh and Akshat Gupta</i>
340.	1997	Comparative Evaluation of Statistical Time-Series Models for Marine Heatwave Forecasting in the North Indian Ocean <i>Vaibhav Mahajan, B. Uma Maheswari and Shakeel Ahmed</i>
341.	2000	Deep Learning Approach to detect Cardamom from a Real-Time Image Dataset <i>Bipin Nair B. J., Nivedhita, Abinav Ajay and Anushob K Anand</i>
342.	2003	A Machine Learning based Diagnosis Model for Cardiovascular Disease using Optimisation Algorithms and Complement Naive Bayes <i>Praveen Lalwani, P. C. Srinivasa Rao, Kiran Kumar Ravulakollu and Pooja Lalwani</i>
343.	2008	A Systematic Review of ML, DL and Hybrid Approaches for Wheat Yield Prediction <i>Pavithra P. and Balamurugan A.</i>
344.	2014	Explainable AI in Judicial Decision-Making: A Hybrid LegalTech Approach <i>Meenakshi Sharma, Rahul Thainua, Pushpendra Kumar, Reetika Bansal and Prince Khan</i>
345.	2018	Sustainable Urban Management: Green Canopy Reduction Estimation using QGIS and ML <i>Sudarshan Rudra, Bipin Nair B. J., Sindhu B. and Priya H. M.</i>
346.	2027	Performance-based Analysis and Comparison of Machine Learning Models for Water Quality Assessment <i>Pooja and Amita Dhankhar</i>
347.	2028	Air Quality Index in the Era of Data Science: A Survey of Methods, Technologies and Exposure Trends <i>Pranjali Mohan Marne, Shilpa Nikhil Bhosale and Dhruva Chakrabarty</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
348.	2040	An Ontology-driven Legal Risk Analyzer for Trademark Monetization and Franchise Scalability in the Food Sector <i>Devi Sanal, Sai Padmaja V., L. Keerthivasan, D. Sandhiya, Janika M. B. and Sathvika A.</i>
349.	2064	An Optimized Deep Learning Framework for Robust Multi-Class Skin Cancer Detection from Dermoscopic Images <i>S. Jenita Christy and G. Rosline Nesa Kumari</i>
350.	2066	Real-Time Twitter Sentiment Analysis with a Hybrid Transformer Framework <i>Siva Prasad Bellamkonda, Shikhar Veeramachineni, Sushen Kattamuri and Ajith Jubilson E.</i>
351.	2071	AI-driven Optimisation of Electric Vehicle Battery Systems: A Comprehensive Review <i>Abinash Singh, Dinesh Bhardwaj, Abhishek Pratap Singh Sachan, Ajay Singh, Mamta Rani and Neha Harchand</i>
352.	2072	Artificial Neural Network based Data-driven Compression Index Estimation for Fine-Grained Soils <i>Siddharth Kumar, Yogesh Shahare, Yogendra Chhetri and Anuj Sharma</i>
353.	2079	AI-based Early Detection System for Students' Mental Health using Passive Behavioral Data <i>Kiran Bala, Vandana, Ruchi Sharma, Himani, Summi Goindi and Prince Khan</i>
354.	2080	Deep Learning based Binary Image Classification using VGG16: A Transfer Learning Approach for Dog and Cat Recognition <i>Soumyasis Das, Ashwani K. Sharma, Md Ankushavali, Sonal Malhotra, Sudhir Joshi and Sheifali Gupta</i>
355.	2083	Deep Convolutional Neural Network for Multi-Class Flower Image Classification <i>Soumyasis Das, Kiran Bala, Md Ankushavali, Saurabh Fulara, Gagan Bansal and Rupesh Gupta</i>
356.	2084	Advanced Convolutional Neural Network Model to identify Multi-Type Bone Fracture <i>Rajkumar, R. Sujitha, Saurabh Fulara, Gagan Bansal, Harleen Kaur and Sheifali Gupta</i>
357.	2085	Deep Learning based Automated Classification of Brain Tumors from MRI Scans <i>Vidhu Gupta, R. Sujitha, Reena V. Saini, Bhavna Vohra, Jotesh Gupta and Rajkumar</i>
358.	2087	Risk-Aware Digital Twin Framework for Zero-Defect Injection Molding <i>Rajesh B. Palampalle, Kuldip A. Patil-Rade and Vaishali S. Phalake</i>
359.	2088	A Transfer Learning based Efficient Malaria Detection Model using Microscopic Blood Smear Images <i>Rajkumar, Srinivas Aluvala, Himanshu Namdev, Vijay Kumar Patidar, Sonam Nagpal and Rupesh Gupta</i>
360.	2090	Strategic Evolution of Financial Decision-Making through AI-powered Intelligence Platforms <i>S. S. Shanthi, B. Indira Priyadarshini, R. Srivaishna, A. Bhuvana, M. Srimathi and B. Logeshwaran</i>
361.	2091	AI-driven Public Data Governance using Knowledge Graphs and Multimodal Analytics <i>S. S. Shanthi, M. Madhuvarshini, R. Varshini, P. Nitheesh, S. Kaviyarasu and A. Chriswin Bharathi</i>
362.	2097	Pixel Perfection: Enhancing Super-Resolution of Satellite Images using Generative Adversarial Networks <i>Sonali Marwaha</i>
363.	2098	Enhanced Flexural Behavior of Reinforced Concrete Beams Strengthened with Hybrid Fiber Reinforced Polymer Laminates <i>Kallamadi Naveen Reddy, M. Hema Priya and J. Faney</i>
364.	2099	Hybrid Ensemble Machine Learning Framework for Banking Fraud Detection using SMOTE-based Balancing <i>Srinivas Rao Gummadi and Bhargavi Tellamekala</i>
365.	2113	Adaptive Criticality-Urgency Quadrant Model: A Novel Approach for Dynamic Criticality Real-Time Systems <i>Azad Mohammed Shaik</i>
366.	2116	Deep Convolutional Neural Network for High-Accuracy Rice Variety Classification using Image Data <i>Rajkumar, K. Kiran, Stuti Bhatt, Alankrita Joshi, Deepak Kapoor and Rupesh Gupta</i>
367.	2117	CNN-based Tomato Leaf Disease Detection for Sustainable Agriculture <i>Rajkumar, K. Kiran, Lisa Gopal, Vartika Agarwal, Vikas Bansal and Rupesh Gupta</i>
368.	2122	Breast Cancer Classification using Convolutional Neural Networks <i>Rajkumar, Jayapal Lande, Shraddha Kaparwan, Neetu Sharma, Jagriti and Sheifali Gupta</i>
369.	2123	Machine Learning based Diagnosis and Prediction of Major Types of Brain Stroke <i>Vanajaroselin Chirchi, Prateek D., Basavantappa Vathar, Pradeep Dinesh Loni and Yashwanth H. L.</i>
370.	2124	A Real-Time Sign Language Translator using Deep Learning and Media Pipe <i>Vanajaroselin Chirchi, Siri Gowri A., Sharanya Sriram, Shivani S. and Varsha M.</i>
371.	2129	Fractal-Guided Circuit Testing Algorithm for Efficient Mixed-Signal VLSI Verification and Validation <i>L. Anbazhagan and S. Senthilkumar</i>
372.	2130	A Comparative Legal Intelligence Framework for balancing TRIPS Patent Norms and Equitable Access to Medicines <i>Esther V., Aswathy Prakash G., S. Thangamayan, A. Vedha Valli, Arokia Sushma Paldano and N. Umamaheswari</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
373.	2131	A Policy-Aware Legal Analytics Model for evaluating the Bolar Exception in Patent-Health Trade-Offs <i>Raghunath M., Murugan Ramu and B. Lavaraju</i>
374.	2133	A Rights-Conscious Legal Modeling System for ensuring Medicine Access via TRIPS-enabled Bolar Provisions <i>Raghunath M., Murugan Ramu and B. Lavaraju</i>
375.	2136	A Hybrid Recommendation Engine for Tier-II and Tier-III Cities using Multilingual Sentiment Mining and Rural Buying Patterns <i>S. Bhuvaneshwari, Kirthana K., Saran Krishnan R., B. S. Kaja Priyadarshini, Lavael Selsiya A. and Samruthi Meena K.</i>
376.	2137	An AI-enabled Dynamic Fulfillment Optimizer for Real-Time Inventory and Last-Mile Delivery in Indian E-Commerce Networks <i>Logapriya T., Frederick Ruby Helen and B. Lavaraju</i>
377.	2140	Blockchain Cryptography and Federated Learning: Enhancing Trust, Privacy and Security in the Digital Era <i>Damanpreet Kaur and Sarabjeet Kaur</i>
378.	2146	Action Recognition using CNN-LSTM Architecture for Video-based Temporal Classification <i>Kavali Venkata Paneendra, Yogesh Kumar Sharma, Supriya Amol Londhe, Harish Padmanaban, Anish Gupta and M. Kavitha</i>
379.	2149	Deep Transfer Learning with ConvNeXt for Accurate Tri-Class Chest X-Ray Classification <i>Rathikindi Charan Teja, Yogesh Kumar Sharma, Supriya Amol Londhe, Harish Padmanaban, Anish Gupta and M. Kalyani</i>
380.	2150	A Framework for detecting Application Layer DDoS Attacks in SDN using Artificial Intelligence <i>Sarabjeet Kaur and Jasvir Singh Kalsi</i>
381.	2153	Deep Learning based Foreign Object Detection in Medical Imaging using ResNet50, MobileNetV2 and YOLOv8-Cls: A Comparative Study <i>Poonam Verma, Sandeep Mathur and Shachi Mall</i>
382.	2157	Evolutionary and Adaptive Optimization for Alzheimer's Disease Classification using Machine Learning <i>Mohit Kharbanda, Arshi Husain and V. P. Vishwakarma</i>
383.	2173	Customized Convolutional Neural Network for Multi-Class Leukemia Subtype Classification from Blood Smear Images <i>Himani Chugh, Kanegonda Ravi Chythanya, Neha Baryah, Lisa Gopal, Gaurav Tuteja and Vartika Agarwal</i>
384.	2175	Deployment-oriented Binary Diabetic Retinopathy Detection using Transfer Learning with VGG19 <i>Himani Chugh, Gaurav Tuteja, Shivam Kumar, Himanshu Namdev, Bura Vijay Kumar and Vijay Kumar Patidar</i>
385.	2176	A Review on Quantum-Enabled Finance (QEF) for Secure Internet of Things (IoT) Communication <i>Vaishali Sharma and Diksha Chawla</i>
386.	2181	An Explainable Deep Neuro-Fuzzy Framework for Real-Time Violence Detection in Surveillance Videos <i>Pooja Pathak, Harsh Mishra and Ramya Sharma</i>
387.	2185	A Lightweight Deep CNN Model for Accurate Face Recognition under Real-World Variations <i>Ravneet Sethi, Anita Goyal and Anmol Goyal</i>
388.	2188	LSTM Network driven Transmission Line Fault Classification using Non-Contact Electromagnetic Field Measurement <i>Amit Nehete, Deepak Bankar and Gaurav Narkhede</i>
389.	2192	Prediction of Stock Price Volatility through Machine Learning Algorithms: A Special Reference to Green Sustainable Finance <i>Firdaus Bashir and Prasanth S.</i>
390.	2213	FedFHUIM: Federated Frequent High-Utility Itemset Mining <i>Sai Sunanda Alluri, Dhruva Teja Vemulapalli, Monisha Manchem, Sravya Chepuri and Sumalatha Saleti</i>
391.	2221	Compound-Scaled EfficientNetB5 Model for Reliable Multi-Class Colon Disease Image Classification <i>Renu Arya, Bura Vijay Kumar, Reena V. Saini, Bhavna Vohra, Jotesh Gupta and Gaurav Tuteja</i>
392.	2230	Detecting Emotions Escalating and De-Escalating Patterns using Deep Learning: A Review <i>Damini, Sonia, Kapil Sethi and Deepika Negi</i>
393.	2231	Investigating Online Information Diffusion using Artificial Intelligence (AI) Techniques <i>Srishti Vashishtha, Shivangi Nigam, Kulpreet Kaur and Anusha Chhabra</i>
394.	2233	A Self-Evolving Federated Learning Framework for Privacy-Preserving AI Applications <i>Rashmi Verma, Bharti Bisht, Varsha Yadav, Chhavi, Sarjan Kumar Jha and Yogesh</i>
395.	2234	An Efficient Deep Learning Framework for Multi-Character CAPTCHA Recognition <i>Parul Nasra, Nagendar Yamsani, Shivam Kumar, Sonal Malhotra, Sudhir Joshi and Rupesh Gupta</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
396.	2235	ResNet50 based Transfer Learning Approach for Coral Reef Health Monitoring <i>Parul Nasra, Jayapal Lande, Shraddha Kaparwan, Neetu Sharma, Jagriti and Sheifali Gupta</i>
397.	2236	Data-driven Detection of Earnings Manipulation: A Random Forest Analysis using Corporate Governance Indicators in Chinese Listed Firms <i>Ranjitha N. and Isha Gireesh</i>
398.	2237	Deep Learning based Facial Emotion Classification via ResNet-101 Transfer Learning Approach <i>Parul Nasra, Nagendar Yamsani, Shivam Kumar, Sonal Malhotra, Sudhir Joshi and Sheifali Gupta</i>
399.	2240	Comparative Evaluation of Custom CNN Architectures and Transfer Learning Models for Image Classification in PyTorch <i>Haswant Chinni, Yogesh Kumar Sharma, Sheetal Shevkari, J. Lakshmi Vydehi, Saurabh and M Kavitha</i>
400.	2241	AI-driven Metro Scheduling using Passenger Demand Forecasting and Train Optimization <i>Himani Bhurkunde, Sarvesh Barale, Anushka Kannawar, Kedar Jasud, Laxmi Kale and Vaishali Wangikar</i>
401.	2243	Blockchain-integrated Framework for Security Over IoT Network <i>Ajit Singh, Monika Raman and Nikhil Singh</i>
402.	2244	Multi-Class Species Classification for Biodiversity Monitoring using InceptionResNetV2 <i>Gurinderjit Kaur, Jayapal Lande, Ajaz Ahmad Pir, Pankaj Negi, Pawan Kumar Mishra and Parul Nasra</i>
403.	2245	Potato Leaf Disease Detection using a Lightweight CNN Architecture for Smart Farming Applications <i>Parul Nasra, Md. Ankushavali, Ashwani K Sharma, Sonal Malhotra, Sudhir Joshi and Sheifali Gupta</i>
404.	2250	Enhanced Visual Understanding using Deep Learning based on Scene Classification <i>Inukurthi Surya Prakash, Yogesh Kumar Sharma, Bhakti Govind Shinde, Harish Padmanaban, Saurabh and M. Kavitha</i>
405.	2254	LeafNet: An Intelligent System for Plant Disease Classification with Deep Learning Models <i>M. Kalyani, Mallavarapu Manaswini, Sheetal Shevkari, Jagruti Sinkar, Lalit Kumar Tyagi and Yogesh Kumar Sharma</i>
406.	2257	Digital Twin enabled Energy-Efficient Communication in Mobile Wireless Sensor Networks <i>Kavita Gupta and Shilpi Mittal</i>
407.	2258	Deep Learning based Clinical Decision-Support Web Framework for Heart Disease Prediction <i>Yarajerla Aruna, M. Kavitha, Manisha Patil, Sheetal Shevkari, Ankita Aggarwal and Yogesh Kumar Sharma</i>
408.	2263	A Stacking Ensemble for Breast Histopathology Image Classification <i>Abdulahi Mahammed Adem, Ashish Sharma, Ravi Kant, Kritika Rana, Adem Ali Kabo and Shivani Bhardwaj</i>
409.	2267	Assessment of Artificial Intelligence Systems using the Responsible Artificial Intelligence Score Evaluation (RAISE) Framework <i>Aditi Kajala</i>
410.	2304	Ensemble Deep Learning Framework for Multiclass Tomato Leaf Infection Recognition <i>Puttagunta Dhanunjay, M. Kalyani, Avinash Godharam Choure, B. Venkata Srinivasulu, Lalit Kumar Tyagi and Yogesh Kumar Sharma</i>
411.	2312	Automated Leukemia Detection via Convolutional Neural Network based Blood Cell Classification <i>Parul Nasra, Md. Ankushavali, Ashwani K. Sharma, Sonal Malhotra, Sudhir Joshi and Sheifali Gupta</i>
412.	2315	An Optimized Deep Learning Approach for Accurate Bean Leaf Lesion Classification <i>Parul Nasra, Srinivas Aluvala, Himanshu Namdev, Vijay Kumar Patidar, Sonam Nagpal and Rupesh Gupta</i>
413.	2334	Transfer Learning based Coffee Bean Roast Level Classification using ResNet50V2 <i>Bhoomika, Srinivas Aluvala, Himanshu Namdev, Vijay Kumar Patidar, Sonam Nagpal and Sheifali Gupta</i>
414.	2345	Error Taxonomy and Performance Analysis of Transformer Models on Code-Mixed Punjabi Translation <i>Charanjit Singh, Rakesh Kumar Bansal and Savina Bansal</i>
415.	2351	Fine-Tuning VGG19 for Automated Classification of Normal and Cataract Eye Images <i>Bhoomika, Srinivas Aluvala, Himanshu Namdev, Vijay Kumar Patidar, Sonam Nagpal and Rupesh Gupta</i>
416.	2355	Hybrid Dispersion-Compensated 100 Gb/s Optical System with 4-DPSK-based QPSK Generation <i>Saubhagya Kumar Moharana, Ravi Kant, Mohan Vamsi Musunuru, Abdul Samad Mohammed, Amita Verma and Raj Kumar Saini</i>
417.	2357	Design and Development of a Low-Cost Offline Educational Laptop using E-Ink Technology <i>Prasanna A., Sheela Gowr P., Pradeep Kumar M. and Stephaniyo S.</i>
418.	2360	A Modified Transformer Architecture with Parallel Covariance Fusion for Precise Biometric Systems <i>Rajesh Namdeo Patil and Pravin Sahebrao Patil</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
419.	2361	Assessing a Domain-Generalizable and Explainable Hybrid CNN-VITx Framework for Chest X-Ray Disease Diagnosis <i>Mamta Sharma, Ravi Kant, Thirunavukkarasu Pichaimani, Sharmila Ramasundaram Sudharsanam, Manish Tomar and Ajay Kumar Sahu</i>
420.	2364	Development of an AI-driven Smart Crop Monitoring System using Edge Computing on Single-Board Computers <i>Amita Verma, Ravi Kant, Amsa Selvaraj, Venkateshaprabhu Rambabu, S. Anthony Mariya Kumari and Ekta Gupta</i>
421.	2365	UPI as a Transformative Payment System in 2025 <i>Sunil Pillai, Khalid Ul Islam and Ishfaq Ahmad Malik</i>
422.	2366	Detection and Prevention of Deepfakes using Machine Learning Techniques <i>Deepali and Ajit Singh</i>
423.	2367	A Unified Environment-Resilient PUF Framework for Secure Authentication and Attestation in Heterogeneous IoT/IoMT Devices <i>Agrey Rubago Andrew, Ravi Kant, Dharmeesh Kondaveeti, Gowrisankar Krishnamoorthy, Ramesh Cheripelli and Aarthi Anbalagan</i>
424.	2370	Structure-Engineered Modified Square-Lattice Terahertz PCF for High-Precision Respiratory Virus Diagnostics <i>R. Niranjana and Ancemma Joseph</i>
425.	2382	An Advanced Imbalance-aware Deep Representation Framework for Automated Skin Disease Analysis <i>Harshit Bansal, Ishan Mudgal, Tarush Saxena, Narendra Roy, S. Kalyani and Aditya Chandran Nair</i>
426.	2386	Towards Robust Violence Detection in Surveillance Videos: Challenges and Solutions <i>Pallavi, Puneet Kapoor and Pankaj Jain</i>
427.	2397	GeoAI-driven Spatio-Temporal Super-Resolution for Automated Residential Renewal Priority Detection <i>Karthick Raja D., Mohamed Rafiq M. and L. Reeba Rose</i>
428.	2398	Enhancement of COPRAS Decision Framework using Novel Pythagorean Fuzzy Information Measure in Sustainable Decision Analysis <i>Kamal Gautam and Ravinder Kumar</i>
429.	2405	Accurate Fruit Disease Detection and Classification using Lightweight Deep Learning Models <i>Shanvi Chauhan, Nagendar Yamsani, Adesh K. Saini, Pooja Saini, Jotesh Gupta and Amit Barwal</i>
430.	2407	Interpretable LOB Volatility Forecast with Structurally Injected Attention: A VAR-LINGAM Hybrid Prior <i>Vikas Unnikannan, Sonia, Kartik and Deepika Negi</i>
431.	2420	A Multi-Model Approach to Mitigate Hallucinations in Large Language Models <i>Praneet Singh, Aditya Ghosh, Debducta Ghosh, Satadru Pramanik, Awantika Kumari, Sayantani Das and Varsha Poddar</i>
432.	2421	Predicting Student Success: A Comparative Analysis of NPTEL's Efficacy in Blended-Learning Environments <i>Nisha Raveendran, Bharathi J. and Harshitha V. K.</i>
433.	2431	AI-based Multi-Modal Water Quality Monitoring for Sustainable Urban Living in Bangalore using Optical Simulation and CNNs <i>Chaitrashree S., E. Saravanakumar, Swetha S., Sowjanya M., Tejashwini K. M. and Y. Meghana</i>
434.	2433	A Bio Inspired Hybrid CNN Model for Face Recognition <i>Ashish Sharma and Nausheen Khilji</i>
435.	2436	Towards Intelligent Cardamom Crop Protection: A Deep Residual Learning Approach for Leaf Disease Classification <i>Saurabh, Vishnu Kant, Rahul Keshari, Kanegonda Ravi Chythanya, Ashwani Kharola and Rupesh Gupta</i>
436.	2437	Neuro-Insight: A Hybrid GNN-VLM Architecture with Explainable AI for 3D MRI Neuroimaging in Clinical Diagnostic Systems <i>Sohail Mohammed, Pavanaditya Sairam Chegu, Akram Ali Shaik, Ayushi Chiluveru and Kalyani Sunkara</i>
437.	2438	Structured Prompting for Improving Reasoning Accuracy and Reducing Hallucination in Large Language Models <i>Vartika Kesarwani, Chanchal Garg, Prem Kumar, Aman Kesharwani, Sakshi and Parth Kesarwani</i>
438.	2442	An Efficient Deep Learning Framework for High-Accuracy Cherry Leaf Disease Detection using Lightweight Convolutional Networks <i>Vishnu Kant, Jagriti, Gotte Ranjith Kumar, Sudhani Verma, Akash Rawat and Sheifali Gupta</i>
439.	2443	Deep Learning Model Development for Multi-class Classification of selected Chest Diseases using Chest X-ray Images <i>Krishna Gupta, Nishita Sharma, Dhruv D. Lakhe, Pratik S. Gund, Sandeep Vanjale and Mrunal Bewoor</i>
440.	2446	High-Accuracy Cotton Leaf Disease Classification using a Fine-Tuned ResNet50 Deep Learning Framework <i>Vishnu Kant, Aanchal Rawat, Gurdeep Kaur Pandher, Gotte Ranjith Kumar, Tarun Dhiman and Rupesh Gupta</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
441.	2448	An Efficient Deep Learning Framework for Accurate Flood Image Classification using Fine-Tuned EfficientNet-B3 <i>Vishnu Kant, Tarun Dhiman, Aanchal Rawat, Neha Gupta, Gotte Ranjith Kumar and Sheifali Gupta</i>
442.	2449	Machine Learning enabled Intrusion Detection for Terabit Optical Networks <i>R. Sundar, Sandhya K. S., Navneet Kumar Rajpoot, Manjula Sanjay Koti, Vijaya Kumbhar and Sanjeev Kumar</i>
443.	2451	Fine-Grained Visual Recognition of Morphologically Similar Herb Leaves using Deep Learning <i>Vishnu Kant, Kanegonda Ravi Chythanya, Adesh K. Saini, Pooja Saini, Jotesh Gupta and Jaspreet Kaur</i>
444.	2456	Analysis of Ethical Practices and Civic Responsibility in Hospital Management <i>Shivam Sharma, Muskan, Himani Verma, Namrata Chauhan, Anushka Panwar, Kashish, Nupur Dham, Khushi Kaushik, Vibhore Kamboj, Saumya Bansal and Rajender Singh Thakur</i>
445.	2457	Clinical-Grade Automated Lung Disease Diagnosis using CNNs on Multi-Class Chest X-Ray Data <i>Vishnu Kant, Kanegonda Ravi Chythanya, Reena V. Saini, Bhavna Vohra, Jotesh Gupta and Amit Barwal</i>
446.	2458	Blockchain-based Security Framework for High-Speed Software-Defined Networks <i>R. G. Gokila, Mahadev S., Sudheendra Mouli H. C., Shruthi S., Vijaya Kumbhar and R. Naveenkumar</i>
447.	2459	Smart Agricultural Quality Monitoring of Mint Leaves using Deep Learning <i>Vishnu Kant, Gotte Ranjith Kumar, Navneet Sharma, Mukesh Kumar, Shivashish Dhoundiyal and Sheifali Gupta</i>
448.	2461	A Hybrid Semantic-Emotion Feature Fusion Framework using GloVe, VADER, GoEmotions and BERT for Fake News Detection <i>Anmol Gaur, Prakash Rao Ragiri, M. Samarth and Aradhya Sharma</i>
449.	2465	Post-Quantum Cryptography for Next-Generation High-Bandwidth Communication Systems <i>P. Prasant, Shalini S., Binod Kumar Choudhary, S. P. Velmurugan, Vijaya Kumbhar and R. Naveenkumar</i>
450.	2466	An Intelligent Vision-based System for Orange Disease Classification using Transfer Learning and Attention Refinement <i>Ruchika Bhuria, Jayapal Lande, Shraddha Kaparwan, Neetu Sharma, Jagriti and Sheifali Gupta</i>
451.	2479	AI-based Intrusion Detection for Internet of Medical Things (IoMT) Devices <i>Raj Kumar Batchu, Naga Venkatesh Makineni, Sricharan Vangoori, Vamsi Krishna Peravali and V. Lakshmi Chetana</i>
452.	2484	Adaptive Security Orchestration in High-Speed SDN/NFV Architectures <i>R. Naveenkumar</i>
453.	2498	Zero-Trust Security Models for High-Speed Industrial IoT Networks <i>R. Verma, Hemant Singh Pokhariyam, C. Gnanaprakasam, T. G. Manjunath, Vijaya Kumbhar and R. Naveenkumar</i>
454.	2501	SYNAPSE: A Next-Gen AI System for Real-Time Crypto Forecasting and Strategic Investment Planning <i>Swapnil Mohan Mangalampalli, Meetkumar Jitendrakumar Mistry, Zaheer Sharif Khan, Raj Jaysukhbhai Mor and Yogita Shelar</i>
455.	2510	Targeted Data Augmentation for Hallucination Mitigation and Faithfulness Enhancement in Compact LLMs <i>Aditi Prabakaran, Thatavarthy Sai Anvitha and Harine G. K.</i>
456.	2511	Analysing the Influence of Media Exposure and Society in Shaping Emotional Maturity among Youth <i>Srishti Rathore, Mishti Gupta, Pal Agarwal, Kashish Narula, Alfiya Khanam, Ragini Singh, Prisha Bhatnagar, Alfiya Khanam, Pal Agarwal, Ragini Singh, Ragini Singh, Dev Arora, Arpita Nagpal and Rajender Singh Thakur</i>
457.	2512	Deep Residual Learning for High-Precision Multi-Class Acne Disease Classification using a Fine-Tuned ResNet50 Framework <i>Neha Sharma, Gunjan Shandilya, G. Sunil, Nishant Bhandari, Kiran Sharma and Sheifali Gupta</i>
458.	2515	Lightweight Cryptographic Protocols for Ultra-Fast Data Plane Processing <i>Chandrakala G. Raju, Ravikumar H. C., Mallula Vijaya Krishna, T. G. Manjunath, Vijaya Kumbhar and R. Naveenkumar</i>
459.	2517	An Intelligent Deep Learning Framework for High-Accuracy Cassava Leaf Disease Classification using Fine-Tuned VGG16 <i>Diksha Thakur, Gunjan Shandilya, G. Sunil, Pragya Goswamy, Bhawna and Sheifali Gupta</i>
460.	2520	UAV-integrated Aerial Intelligence for Smart Agriculture: A Framework <i>Ankit Singh and Adarsh Garg</i>
461.	2521	An Intelligent Deep Learning Framework for Accurate Neem Leaf Disease Detection using Dense Feature Connectivity <i>Pankaj Negi, Gunjan Shandilya, Tanvi Gupta, G. Sunil, Pawan Kumar Mishra and Sheifali Gupta</i>
462.	2524	Fine-Tuned Xception Network for High-Precision Multi-Class Nail Disease Classification <i>Tashi Negi, Gunjan Shandilya, Garima Jaitly, Deeksha Verma, G. Sunil and Rupesh Gupta</i>
463.	2526	XAI-MedTrack: Explainable AI for Longitudinal Medical Image Analysis on MRI Scans for Alzheimer's Disease <i>Shachi L. H. Gowda, Shweta V. Yadahalli, Shaheed Mirjanik, Sharika Muskan and Lenish Pramee</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
464.	2529	Ensemble Machine Learning Framework for Missing Micronutrient Prediction in Food Composition <i>Nthabiseng Raletshoko, Ngaira Mandela, Ronald Ojino, Edna Milgo and Felix Etyang</i>
465.	2530	Secure Network Slicing in High-Speed 5G and Beyond Networks <i>Ramu Moodu, Mukesh Singh, Anita Patrot, Rashmi Amardeep, Natrayan L. and Arshdeep Kaur</i>
466.	2532	A Lightweight Deep Learning Framework for Intelligent Detection of Yellow Vein Mosaic Disease in Okra Crops <i>Nishant Bhandari, Kiran Sharma, Gunjan Shandilya, Ajaz Ahmad Pir, G. Sunil and Rupesh Gupta</i>
467.	2533	Deep Residual Learning for Robust Pharmaceutical Drug and Vitamin Recognition using Fine-Tuned ResNet50 <i>G. Sunil, Tushar Sharma, Swati Devliyal, Gunjan Shandilya, Anamol Gautam and Sheifali Gupta</i>
468.	2534	AI-driven Assessment of Thyroid Eye Disease using Facial Photograph: A Literature Synthesis <i>Geetha A. M., Vinay M., Swati Ramteke Jadhav, Kokilavani T. and Jayapriya J.</i>
469.	2535	Context-Aware Attention Networks for Multi-Instrument Solar Filament Detection and Evolution Tracking <i>Archana Srivastava, Ravi Kant, Lakshmi Durga Panguluri, Sai Charan Ponnouju, Swaminathan Sethuraman and K. Parijatha</i>
470.	2536	An Intelligent Deep Learning Framework for High-Accuracy Rice Leaf Disease Classification using Fine-Tuned EfficientNetB3 <i>Gunjan Shandilya, G. Sunil, Adesh K. Saini, Ahmed Al-Bayati, Jotesh Gupta and Neha Baryah</i>
471.	2544	Deep Learning based Anomaly Detection in High- Throughput Data Center Networks <i>Ramu Moodu, Arnav Kotiyal, Manjula Sanjay Koti, Balasubramani R., Natrayan L. and Riyaz Ahamed</i>
472.	2546	Performance Analysis of Deep Learning Models - CNN, Alexnet, GAN and Transformer with Optimizers for Plant Disease Classification <i>M. Kavitha, Yogesh Kumar Sharma, Sheetal Shevkari, Supriya Amol Londhe, Ankita Aggarwal and Hema Garlapati</i>
473.	2552	An IoT–AI integrated Patient Monitoring System for Real-Time Monitoring <i>Mohit Pal, Mamta, Daniyal, Deepti Nagpal and Rohit Anand</i>
474.	2554	Hardware-Accelerated Security Mechanisms for High-Speed Network Infrastructures <i>Basheer V. P., Yogesh Lohumi, Thanuja M., Lokabhiram Dwarakanath, Natrayan L. and Chandani</i>
475.	2569	Image-based Waste Classification using MobileNetV2 toward Sustainable Development <i>Santwana Sneha, Shipra Swati, Ashish Ranjan Sinha, Ojas Saxena and Sunita Jha</i>
476.	2579	A Machine Learning based Approach for Fruits and Vegetables Ripeness Identification <i>Rajalaxmi R. R., Pradeepa S., Roshini G. and Yoganath M.</i>
477.	2583	Optimized XGBoost with Optuna for Olympic Medal Prediction: A Multi-Level Analysis from Athlete to Team-Event Performance <i>Viraj Kumar, Piyush Kumar and Santosh Kumar</i>
478.	2584	Sequential Attention enhanced RoBERTa Framework for Multi-Class Emotional Health Classification <i>Lakshitha B., Padmaja S., Suhana Tabassum and Sasidhar B.</i>
479.	2587	Applications of Soft Computing in Modern Computational Systems: Latest Advances, Challenges and Future <i>Pawandeep Sharma</i>
480.	2606	DINO-Net based Self-Supervised Learning Approach to Segment White Blood Cells from Microscopic Blood Smear Image <i>Devanshi K. Trivedi, Shruti J. Gajera, Meet P. Jariwala, Vivek C. Joshi and Mayuri A. Mehta</i>
481.	2609	Cross-Modal Synergy: Improving Depression Screening through Heterogeneous Data Fusion <i>Shwet Banktesh Tiwari, Mahek Yusuf Shah, Vinit Sushil Navlakha and Ichhanshu Jaiswal</i>
482.	2611	Evaluating Retrieval-Augmented Generation for Small Language Models in Cybersecurity Education <i>Hitesh Kumar and Nishtha Hooda</i>
483.	2620	Planner–Executor Architecture for Teledermatology Triage with Safety Guardrails <i>Tarush Saxena, Bonkur Harshith Reddy, Harshit Bansal, Ishan Mudgal, Ramkumar Devendiran and Harshit Puralkar</i>
484.	2624	AI-powered DDoS Mitigation in High-Capacity Internet Backbone Networks <i>Ramu Moodu, Chapparapu Lavanya, Reny Jose, G. Manjula, K. B. Venkata Brahma Rao and R. Naveenkumar</i>
485.	2625	Strengthening Indian Culture through Storytelling and Folklore: A Study of Indian Youth <i>Ishashree, Arushi Varun, Vibhuti Sharma, Chesta Sakuja, Tvisha Kalra, Prachi Gupta, Kanishka Khurana, Prachi Gupta, Daksh Arora, Ambooj and Sheel Nidhi Tripathi</i>
486.	2636	Adaptive Multi-Layer Steganographic Framework with Deep Steganalysis Resistance for Secure Multimedia Communication <i>Aryan Gupta, Yash Gupta and Alka Leekha</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
487.	2637	An Empowered Proactive Model of RNN with Intelligence of Cat Swarm Optimization in Prediction of Cyber Security Attacks <i>N. Geetha Lakshmi, B. Shathya, R. Anandha Lakshmi, C. Vanisri, R. Naveenkumar and Simran Chauhan</i>
488.	2638	Sustainable Computing for Ocean Health: An Approach to Enhance Crown of Thorn Starfish Detection <i>Nisy Elsa Mathew and Sudha Gupta</i>
489.	2648	Navigating Cognitive Vulnerability: Modeling Adolescence Problems within Intelligent Human–AI Interaction Loops <i>Praveen Kumar, Pawak Agrawal, K. M. Parul, Tanuja Bhatt, Pranav Bhatt and Rajnish Agrahari</i>
490.	2652	A Two-Stage Diabetic Retinopathy Classification Pipeline using YOLOv8-based Lesion Detection and CNN-based Severity Classification <i>Vanajaroselin Chirchi, Emmanvelraj Chirchi and Khushi E. Chirchi</i>
491.	2655	Telemetry-based Speed Differential Prediction in Formula One using Isolation Forest and GRU <i>Yash Paranjape, Reeba Khan, Anupama Jawale and Shikha Gaur</i>
492.	2663	A Review of Emerging Intelligence Techniques for Securing IoT Networks Against Cyber Intrusions Detection <i>R. Jamuna and Gnanaprakasam Thangavel</i>
493.	2664	Predicting Financial Distress in India's EV Industry: An XG Boost Framework integrating Earnings Management and Audit Quality <i>Ranjitha Nagaraj and Sinchana Sreenivas</i>
494.	2676	Sustainable Software Engineering Practices for Supply Chain Optimization: A Systematic Literature Review <i>Ringcher Basumatary and Deepak Hajoary</i>
495.	2682	Augmented and Virtual Reality for Workforce Training: A Smart Engagement Approach in Manufacturing Organizations <i>M. Murali Krishnan, Franklin John Selvaraj, Geetha Manoharan and Sheeja Ramakrishnan</i>
496.	2683	Blockchain Technology as a Catalyst for Sustainable Fashion: Perspectives from Fashion Sector <i>V. Mathangi, Geetha Manoharan, T. Satheesh Kumar and Franklin John Selvaraj</i>
497.	2686	Federated Learning based Cyber Defense for Large-Scale High-Speed Networks <i>Yogesh Bhikusing Jadhav, Darshan Singh, Nandini Prasad K. S., Balasubramani R., K. B. Venkata Brahma Rao and R. Naveenkumar</i>
498.	2688	Real-Time Sensor Fusion Architecture with Adaptive Weighted Filtering for Autonomous Racing Systems <i>K. Reddy Madhavi, Venkata Naga Chetan Kumar Pulipati, Anusha Kothapalli, Chiluka Mahammad Shafi and Sykam Lakshmi Narasimha</i>
499.	2689	Efficient Transformer-based Multimodal Anomaly Detection for Industrial Manufacturing Systems with Edge Deployment <i>Sandeep Gupta, Budesh Kanwer and Yogender Kumar Sharma</i>
500.	2696	An Empirical Study of Iterative Batch Refactoring for Code Smell Reduction and Software Quality Improvement <i>Gulafshan Parveen, Arvinder Kaur and Anuradha Chug</i>
501.	2697	Design of Airborne Radar Systems enhanced Clutter and Interference Mitigation Techniques <i>Bedilu Ababu Teka, Demissie J. Gelmecha, Ram Sewak Singh, Neeraj Jain, Prabhat Kumar Srivastava and Amit Arora</i>
502.	2698	SkyShield-6G: Hybrid CNN-GRU with SDN-Orchestrated Real-Time DDoS Defense for UAV-Assisted 5G/Beyond Networks <i>Workeneh Geleta Negassa, Demissie J. Gelmecha, Ram Sewak Singh, Neeraj Jain, Prabhat Kumar Srivastava and Amit Arora</i>
503.	2699	Hybrid Deep Learning for Interference Mitigation with Optical Beamforming of B5G NTN LEO Satellite in Urban Areas <i>Haymanot Derebe Bizuneh, Ram Sewak Singh, Demissie Jobir Gelmecha, Neeraj Jain, Prabhat Kumar Srivastava and Amit Arora</i>
504.	2701	Multi-Layered Security System utilizing RFID, Fingerprint, Keypad and IoT to access the Lock <i>Rupesh Tiwari, Amit Arora, Prabhat Kumar Srivastava, Ram Sewak Singh, Agniv Tapadar and Jitendra Kumar</i>
505.	2702	A Multi-Layer Steganographic Technique integrating Arabic Text with LLMs and Image-based Embedding <i>Faisal Othman Alburaidi, Adnan Ahmed, Awad Alharbi, Ahmad B. Alkhodre, Nour Mahmoud Bahbouh, Mohammad Yamin, Omar Tayan and Yasser Ades</i>
506.	2703	A Smart Gates Micro-Mobility Framework for Sustainable Crowd Transportation: A Case Study of Madinah-Haram <i>Awad Alharbi, Adnan Ahmed, Samer Abi Sen, Faisal Othman Alburaidi, Hussam Alhaj and Mohammad Yamin</i>
507.	2707	Creative Accounting: Controls, Mechanisms and Opportunities for Empowerment through Blockchain Integration <i>Awad Alharbi, Adnan Ahmed, Samer Abi Sen, Faisal Othman Alburaidi, Hussam Alhaj and Mohammad Yamin</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
508.	2709	Automated Classification of Functional and Non-Functional Requirements to Advance Software Engineering Automation <i>Faisal Othman Alburaidi, Adnan Ahmed, Nour Mahmoud Bahbouh, Awad Alharbi, Ahmad M. Almasabi, Mohammad Yamin, Ahmad B. Alkhodre and Yasser Ades</i>
509.	2710	Podcasting amongst Media Students in Delhi: An Analytical Study of Adoption and Future Scope <i>Priyanka Singh and Sarina</i>
510.	2711	An Intelligent Health Guide based on AI and Metaverse to enhance Prevention and Quality of Life <i>Abdullah M. Basahel, Adnan Ahmed Abi Sen, Abdulrahman Abdullah Basahel, Nour Mahmoud Bahbouh, Mohammed Abdullah Basahel and Layan Mohammed Albejawi</i>
511.	2712	Quantum Leap in Financial Security: Hybrid Cryptography Approach <i>Uma Pratap Madje, Arati Sameer Nimgaonkar, Lakhichand Khushal Patil and Vilas T. Mahajan</i>
512.	2713	An IoT-enabled Machine Learning Framework for Low-Cost Precision Irrigation using Collaborative Sensors <i>J. AdamKani, M. Ganesh Raja, R. Syed Jamalullah, A. Mohamed Mustaq Ahmed, D. Elangovan and P. Saravanan</i>
513.	2714	A Smart System for Early Detection and Prevention of Forest Fire using UAV Swarms and VLM <i>Sarah Basahel, Adnan Ahmed Abi Sen, Nour Mahmoud Bahbouh, Omar Tayan, Adel Ben Mnaouer and Mohammad Yamin</i>
514.	2719	CASN: A Lightweight Context-Aware Smart Nickname Approach for Privacy Preservation in IoT-based Location Services <i>Hamdan Almutairi and Adnan Ahmed Abi Sen</i>
515.	2720	Multi-Semi-TTP for enhancing Privacy in LBS and IoT Applications <i>Hamdan Almutairi and Adnan Ahmed Abi Sen</i>
516.	2723	Post-Quantum Cryptography: From Risks to User Awareness <i>Abdurazzag Almiladi, Adnan Ahmed Abi Sen, Omar Tayan, Adel Ben Mnaouer, Waleed AlGhadamsy, Budur Alshanti, Rolla Assad and Fatima Alghwari</i>
517.	2736	Towards Humanizing Cities: A Real-Time IoT Framework for Health-Aware Preventive Navigation <i>Mishaal Almutairi, Adnan Ahmed Abi Sen, Nour Mahmoud Bahbouh, Abdelaziz I. Hammouri, Sanaa Askool and Mohammad Yamin</i>
518.	2744	Performance Analysis of Ensemble Machine Learning Techniques for Predictive Risk Modelling using Large-Scale Operational Data <i>Sanjay Nagtode, Priyanka Chandani and B. T. Geetha</i>
519.	2756	A Descriptive Study on Consumer Adoption and Marketing Challenges of Digital Healthcare Services in Smart City Indore, Madhya Pradesh <i>Anu Priya Soni and Awantika Garg</i>
520.	2757	AI-driven Sustainable Journalism: Examining the Role of Computational Technologies in Enhancing Ethical News Production and Global Development <i>Tapasya Tyagi and Priyanka Gahlaut</i>
521.	2758	Computational Journalism and Information Security: A Study on Digital News Platforms, Cyber Threats and Sustainable Media Ecosystems <i>Priyanka Gahlaut and Tapasya Tyagi</i>
522.	2760	Cyber Resilient Frequency Regulation of a Two-Area Power System with Multiple Sources <i>Ajay Kumar Sharma, V. S. K. V. Harish and Rajneesh Sharma</i>
523.	2762	Multimodal Artificial Intelligence (AI) for Air Pollution Forecasting and Detection <i>Supriya Raheja, Tanya Jain, Sara Maryam and Aishwarya Vivek</i>
524.	2774	Empirical Assessment of Cost Optimization Strategies in Cloud Infrastructure Management <i>Bestoon Othman and Gagguturu Ramanjaneyulu</i>
525.	2776	Mind-Bloom: Mental Health Detection System <i>Qudsiya Naaz, Javeriya Khan, Rohini Kurup, Shital Bagde, Ahmed Umme Aiman and Afifa Harmain</i>
526.	2778	A Novel Algorithm to Reduce the Number of Conditional Frequent Patterns in a Dataset <i>Rajesh Sharma and Preetvanti Singh</i>
527.	2779	A Comprehensive Survey on Epilepsy Prediction using Deep Learning Models with EEG Signals <i>Arathi, Prabha R. and Shylaja K. R.</i>
528.	2780	LSTM-RNN based Hybrid Model for predicting Inflationary Tendencies in Share Price <i>Kumaraswamy S., Jayamangala Sristi, Ankur Choudhary, Pooja Sapra, Mahesh Kumar A. S. and K. B. Venkata Brahma Rao</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
529.	2785	Navigating the Dark: Advancements in Robotic Night Patrol for Enhanced Safety <i>Ravi Kumar Mugadhanam, Namitha A. R., Mahesh Kumar A. S., Gulshan Dhasmana, Santhosh B. J. and Ramya Maranan</i>
530.	2798	A Systematic Review of Hindi Text Summarization: Techniques, Evaluation Challenges and Semantic Metric Design <i>Dhruv Tomar and Vijay Kumar Soni</i>
531.	2799	Sensitivity of Schwarzschild Orbits to Radial Perturbations - Numerical Monte-Carlo Exploration and Python Visualization of Orbital Outcomes <i>Aayaan Ahmed and Sandeep Mathur</i>
532.	2800	Mouse Movement Pattern based Customer Behaviour Analysis for Online Retail <i>Swapnesh Taterh, Ashish Kumar Rastogi, Arun Kumar Singh, Abhinav, Rishabh Srivastava and Pankaj Dadheech</i>
533.	2803	Machine Learning based Intrusion Detection System for Internet of Vehicles <i>Wasia Ashraf and Faheem Syeed Masoodi</i>
534.	2804	A Review on Deep Learning based Object Detection Models <i>Aabidah Nazir and Mohd. Arif Wani</i>
535.	2805	HDL-based 16-Point Fixed-Point FFT Processor with Dynamic Scaling for Numerically Robust Hardware Implementation <i>Munindra Jain, Pooja Choudhary and Pankaj Dadheech</i>
536.	2809	Pruned and Quantized Hybrid CNN–Transformer Architectures for Efficient Edge Image Classification <i>Swati Jain, Chhaya Gupta, Nikita Chawla, Pawan Whig, Deepak Singh and Stalin Chittineni</i>
537.	2810	A Hybrid RNN-based Framework for Early Lung Cancer Detection from Histopathological Data <i>Iti Batra, Chhaya Gupta, Stalin Chittineni, Deepak Singh, Nikita Chawla and Pawan Whig</i>
538.	2811	India-EU Maritime Corridor Resilience Index – Incorporating Hybrid Entropy-AHP and Phase-Sensitive Weighting Frameworks <i>Niyati Upadhyay, Vineet Tiwari, Mohammad Alijah Hasan and Tanishka Jaiswal</i>
539.	2813	VACNN-GCRA: Visual Attention based Capsule Graph Neural Network for Solar Flare Prediction using Sunspot and Magnetic Field Data <i>G. Rajani and G. M. Sowmya</i>
540.	2814	A Reflection-Equivariant Quantum Neural Network enhanced with Puma Optimizer for Precise 3D Reconstruction <i>Anoop N. Prasad and Narasimha Murthy M. S.</i>
541.	2815	Eff-Mob-Net: A Hybrid Deep Learning Model for Hand Gesture Recognition in Assistive Communication <i>Pooja Sahni, Mukesh Singh, Mahesh R., Mahesh Kumar A. S., K. B. Venkata Brahma Rao and Pooja Sapra</i>
542.	2816	Infrared Thermography versus Clinical Assessment for Knee Joint Damage Detection in Rheumatoid Arthritis <i>Nischitha K., B. N. Shobha and Naveen K. B.</i>
543.	2817	Efficient Skin Disease Detection using HGAN Augmentation and CQPSO-SVM Classification <i>Vidhyashree B., Prasanna Lakshmi G. S. and Seshaiiah Merikapudi</i>
544.	2818	IoT-based Wearable Rehabilitation System for Stroke Patients <i>Rajesh N., Ravi Kumar H., Gnaneshwari V., Shwetha K., K. B. Venkata Brahma Rao and Mahesh Kumar A. S.</i>
545.	2820	AI-based Signature Detection in the Presence of Overlapping Circular Seals and Noise <i>Bipin Nair B. J., Nivedita, Akshara Sajith, Meenakshi P., Anjaleena P. S. and Ananya P.</i>
546.	2821	Grade-Wise Classification of Rose Flowers using Comparative Deep Learning Approaches <i>Bipin Nair B. J., Riga Suresh M., Madhav M. Nambiar, Devakrishnan S., Sanjay Krishna and Anil H. M.</i>
547.	2822	Segmentation of Multi-Species Leaf Images in Real-World Conditions with Complex Backgrounds using Image Processing <i>Arun Sri Krishna, Pushpa B. R. and Bipin Nair B. J.</i>
548.	2823	Braille Sentence Generator and Recognition using Classical Image Processing Techniques <i>Sahith Kumar K. and Bipin Nair B.</i>
549.	2824	Android Malware Detection using Unified Evolutionary Multi-Domain Cybersecurity Detection Architecture <i>Priya Govindarajan, Shekar Babu, Abdul Rawoof Khan and Geeth S.</i>
550.	2827	Artificial Intelligence in Sustainable Healthcare Services: An Analysis of End-User Preferences <i>Yasir Arfat, Amrendra Kumar, Saheb Kumar, Pooja, Shrikant Singh and Sunil Pratap Singh</i>
551.	2828	Reliable Thorax Rift Classifier via Vision Transformer enhanced with Local Feature Induction <i>Priya Govindarajan, Manoranjan R. M. and Sanjay M.</i>
552.	2830	AI-driven Workforce Agility and Employee Voice for Sustainable Employee Performance <i>Rethy B. Menon, Adithya Ashok, Harish A. J. and Athulya Avinash</i>

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
553.	2833	Measuring the Impact of Meditation on Academic Stress Levels in UG Students using Machine Learning Models <i>Srikanta Parida, Darshan Suresh, Pujith Yerapathi, Ponnanna K. K., Adithya Vinod and Akshay S.</i>
554.	2836	Bias beyond the Prompt: Reinforcing Stereotypes using AI Image Generator <i>Sunij S. Nair and Shekar Babu</i>
555.	2837	Social Commerce and Women’s Digital Entrepreneurship: A Mixed-Methods Study of Instagram-based Jewellery and Apparel Enterprises in Kerala <i>Sunij S. Nair and Shekar Babu</i>
556.	2838	Gig Platforms in India: An Automated Business Model Analysis <i>Sowmya N. and Pankhuri</i>
557.	2839	Organizational Change Management Assessment for Generative Artificial Intelligence Integration: Evidence from Leading Business Universities <i>Nidhi Singh, Shekar Babu and Shijith Kumar P. M.</i>
558.	2840	Cyber Deception in Smart Healthcare during Emergency Situations <i>Krishna Priya K. P., Vaishnavi Baiju, Nivedya Raj and Adwitiya Mukhopadhyay</i>
559.	2841	Influence of Social Media on Unhealthy Food Consumption: A Behavioral Intention Approach <i>Anjanaa A. S., K. M. Krishna Vamsi Reddy, K. P. Chainthanya, V. Harini, Vyshnavi V., Tejas H. and Prajwal Jain P.</i>
560.	2848	Flying Insect Detection and Recognition in Videos <i>Sudharshan Duth P., Yashwanth Ganesh and Nishitha K. G.</i>
561.	2850	Application of SEM and Multi-Machine Learning Sentiment Analysis for Identification of Factors influencing UPI Adoption <i>Tejas Hariprasad, Harshini, Disha Kumari Dhanuka, Kittu Ravani Shivalingaiah, Prajwal Jain P. and Nikol Lopez Llantuy</i>
562.	2851	Assessing ChatGPT Success using Combined Structural Equation Modeling and VADER Sentiment Analysis Approach <i>Tejas Hariprasad, Likhitha Shreepathy, Vanshika Suvarna, Chethan Ramanna Kumar and Nikol Lopez Llantuy</i>
563.	2854	Adaptive Firefly Optimization for Sign Language Detection in Complex Backgrounds <i>Nishi Midha and Sandhya Bansal</i>
564.	2860	A Conceptual Framework for Walnut Disease Prediction and Detection using AI-IoT <i>Asia Quayoum and S. M. K. Quadri</i>
565.	2861	Contrast-driven Network for Two-Stage Low-Light Image Enhancement <i>Amir Khan and Prashant Giridhar Shambharkar</i>
566.	2862	Dual-Stream Spatio-Temporal Learning for enhanced Video Summarization <i>Ashutosh Bhardwaj, Harshil Sharma, Anushka Bhardwaj and Md Hasnat Hosen Arafat</i>
567.	2863	Blockchain-enabled Federated Learning Framework for Individual Healthcare Data Sharing <i>Rachit Kumar, Shikha Gupta and Aleem Ali</i>
568.	2867	Hybrid CNN-LSTM empowered Solar Photovoltaic Health Monitoring and Fault Tracking System <i>Ayushi Chopra, Jyoti Gupta, Vanshika Bhatia, Jagriti Basera, Ritika Wason and Aarti Sehwal</i>