Sr. No.	Name of Authors(All authors in the same sequence as on paper)	Title of the Article	Source title (Name of Journal/Conference Proceedings/Book)	Publisher Name	Month and Year of Publication	Document Type	Month
1	Velu A.; Aruchamy P.; Ramamoorthy R.; Dhanaraj R.K.; Kadry S.	Climate Smart Agriculture	Climate Smart Agriculture		2026	Book	May
2	Neelakrishnan S.; Jayarajan N.; Sathyamoorthy M.; Dhanaraj R.K.; Naganathan A.	Internet of Vehicles	Internet of Vehicles		2026	Book	May
3	Sathiyaraj R.; Dhanaraj R.K.; Kumar K.A.; Jhaveri R.H.; Abbas A.M.	Predictive Methods in Next-Generation Computing: An Approach Toward Sustainability	Predictive Methods in Next-Generation Computing: An Approach Toward Sustainability		2026	Book	May
4	Madhu Arora*, Vinayak Bhavsar, Rachna Singh, Archana Srivastava, Vasim Ahmad and Anu Sayal	Employing Big Data Analytics to Track and Minimize Waste in Production Processes	Artificial Intelligence, Big Data, and Internet of Things for Sustainable Industry and Infrastructure Development	Bentham	2026	Book Chapter	February
5	Madhu Arora, Rakesh Kumar, Yugank Arora	Sustainable Supply Chain Management through Smart Technology	A Circular Economy for Manufacturing Waste Management: Pathway Towards Sustainability	River Publishers	2026	Book Chapter	April
6	Vishnu Durai R.S.; Dhivyashree M.; Akshya J.; Sundarrajan M.; Dhanaraj R.K.	Deployments of Aerial Aided Edge Computing in Real-World Scenarios	Edge Computing and Aerial Platforms	Elsevier	2026	Book chapter	April
7	Pankaj Pathak, Shilpa Mujumdar, Samaya Pillai	"Unveiling the Black Box: Case Studies of XAI in Real-World Healthcare Systems"	" Attacks and Defenses in Explainable Artificial Intelligence"	WILEY, online	2026	Book Chapter	May

8	Reethika A.; Priya P.K.; Sathyamoorthy M.; Dhanaraj R.K.; Khan F.	AI-Enabled Decision-Making and Predictive Analytics in Autonomous Vehicles	Internet of Vehicles		2026	Book chapter	May
9	Rajashree Jain; Starlet Ben Alex; Milind Talele; Ramalatha Marimuthu	Women in STEM Mentoring Programs - Methods, Measures and Impact - A Critical Review	2025 11th International Conference on Control, Decision and Information Technologies (CoDIT)	IEEE	2026	Conference	January
10	Dimple Kapoor, Shrikant Mapari, Deepali Gupta, Dr. S. Sankar Ganesh, Mudita Uppal, Niranjan Devanathan R	Evaluating Machine Learning Models for IIoT Driven Predictive Maintenance Using NASA C-MAPSS Dataset	7th International Conference on Computing, Communication and Automation(ICCCA-2025)	IEEE Explore	2026	Conference	January
11	Prafulla Bafna, Punam Nikam	Machine learning approach to predict type of mental disorder using mental status parameters	Springer LNNS series ISSN: 2367-3370	Springer LNNS series ISSN: 2367-3370	2026	Conference	January
12	Harjas Singh Bajwa, Lokesh Jayakar, Abhiyanshu Singh, Prafulla Bafna, Mukta Deshpande	META FOR PRE CONSTRUCTION SALES	ICT4SD 2025, SPRINGER LNNS	SPRINGER LNNS	2026	Conference	January
13	Bapat, Mayuri; Karade, Shreya ; Nagane, Aniket S.	Sentiment Analysis of Political Party Unveiling Insights from Big Data	Communications in Computer and Information Science	Springer Nature Switzerland	2026	Conference	January
14	Kanubhai K. Patel, Hasnain Inayatali Narsandawala, Sandeep Gaikwad, Nilay Vaidya, Krishna Kant & Dharmendra Patel	Leveraging AI for Green Hydrogen Production: A Sustainable Pathway for India's Energy Future	Conference Proceedings	Springer	2026	Conference	January
15	Vandana R. Babrekar & Sandeep V. Gaikwad	Review on Recent Trends and Technologies of Precision Agriculture	Lecture Notes in Networks and Systems	Springer	2026	Conference	January

16	Arun Kumar, S.; Niveditha, S.; Vikas, K.B.; Varshini, C.; Hemalatha, H.U.	Prediction of Chronic Kidney Disease (CKD) Using Hybrid Machine Learning Model	International Conference on Smart Trends for Information Technology and Computer Communications	Springer	2026	Conference	January
17	Shraddha Mihir Vaidya *, Jatinderkumar Ramdass Saini	Contrast First, Classify Later: Fine-grained SelfSupervised Contrastive Pretraining for AI-generated Text Detection	IEEE, USA	IEEE	2026	Conference	February
18	Krishna Bobde, Sarika Sharma	Human Capital at Risk: Predictive Modeling for Strategic Retention Decisions	Communications in Computer and Information Science	Springer	2026	Conference	February
19	Sarika Sharma, Anagha Vaidya, Vipin Tyagi	Analysis of Shop Floor Accident Protection Using Machine Learning Techniques	Communications in Computer and Information Science	Springer	2026	Conference	February
20	Lungu N., Barik L., AlRababah A.A., Rout S., Saini J.R., Patra S.S.	Computational Social Engineering Attacks Mitigation in Social Media Platforms	5th International Conference on Mobile Networks and Wireless Communications (ICMNWC-2025), Tumakuru, India	IEEE, USA	2026	Conference	January
21	Asawa P., Vibhute A.D., Saini J.R.	Securing Digital Payments: Towards Detecting Fraud in Credit Cards Using Machine Learning	4th International Conference for Advancement in Technology (ICONAT-2025), Sangli, India	IEEE	2026	Conference	February
22	Madhu Arora, Surindersingh Sethi, Ayushi Ahluwalia, Kirti Udayai, Nipun Agarwal, Vasim Ahmad	A Multi-Objective Framework for Inventory Digitalization Using AI and IoT	2025 IEEE 5th International Conference on ICT in Business Industry & Government (ICTBIG)	IEEE	2026	Conference	January
23	Wesam Ahmed, Dr.B.Persis Urbana Ivy, Shrikant Mapari, Amena Mahmoud, Reshma R., Hoda El-Batrawy	Exploring Machine Learning Approaches to Predicting Semantic Roles from Syntactic Frames	4th International Conference on Electronics and Renewable Systems ICEARS 2026	IEEE Explore	2026	Conference	March

24	Madhu Arora, Arvind Nain, Himani Agarwal, Ruchitra Kaparwan, Piyush Kumar, Vasim Ahmad	AI-driven Models for Inventory Optimization in Smart Factories	2025 3rd International Conference on Advances in Computaton, Communication and Information Technology (ICAICCIT)	IEEE	2026	Conference	March
25	Ramneet Kaur, Shrikant Mapari, C. Bagath Basha, Monica Dutta,Jotesh Gupta, Reshma R	Exploring Wireless Hidden Cameras in Trial Rooms of Shopping Mall: A Survey-Based Study	3rd International Conference on Advances in Computation, Communication and Information Technology	IEEE Explore	2026	Conference	March
26	Wesam Ahmed, Shrikant Mapari, Shivani Agarwal, Niranjan Devanathan R, Amena Mahmoud	Optimizing Machine Learning Models for Renal Cancer Diagnosis from Gene Expression Microarrays	3rd International Conference on Advances in Computation, Communication and Information Technology	IEEE Explore	2026	Conference	March
27	Jatinderkumar Ramdass Saini, Shraddha Vaidya *, Panthakkan A *, Mansoor W	An Explainable Dynamic Ensemble Selection Model for Interpretable Almond Type Classification	IEEE conference	IEEE	2026	Conference	March
28	Shweta Sharma, Mudita Uppal, Deepali Gupta, Shrikant Mapari, Dr.B.Persis Urbana Ivy, Reshma R	Enhancing Fault Detection in Wireless Sensor Networks using Digital Twin and Predictive Maintenance	International Conference on AI-Driven Smart Systems and Ubiquitous Computing (ICAUC 2026)	IEEE Explore	2026	Conference	March
29	A. Dange, N. Chaudhari, R. Jain, M. Talele and T. M. Ali,	A Comparative Analysis of Machine Learning Algorithms for Credit Card Fraud Detection	2025 IEEE 1st International Conference on Application of Information Technologies in Engineering, Management and Science (ICAI-TEMS)	IEEE	2026	Conference	April
30	Madhu Arora, Arvind Nain, Himani Agarwal, Ruchitra Kaparwan, Piyush Kumar, Vasim Ahmad	AI-Driven Models for Inventory Optimization in Smart Factories	2025 3rd International Conference on Advances in Computation, Communication and Information Technology (ICAICCIT)	IEEE	2026	Conference	March

31	Wesam Ahmed, Shrikant Mapari, Vivek Singh, Hoda El-Batrawy, Reshma R, Amena Mahmoud	Intelligent Insights: Exploring the Applications of Machine Learning Techniques in Spatial Data Analysis	Second International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI — 2026)	IEEE explore	2026	Conference	April
32	Mondal G.; Dhanaraj R.K.	A Systematic Review on Anomaly Detection Techniques for Fog Computing Devices	Communications in Computer and Information Science	Springer Nature	2026	Conference	Januray
33	Mondal G.; Dhanaraj R.K.; Banerjee C.	The Future of Risk Detection: Integrating RS, GIS, and AI for Holistic Hazard Awareness	Lecture Notes in Networks and Systems	Springer Nature	2026	Conference	Januray
34	Zaware, G.B.; Dhanaraj, R.K.	A Survey of Mental Disorder Detection Using Transfer Learning with Social Media Data	Lecture Notes in Networks and Systems	Springer Nature	2026	Conference	February
35	Sharma R.; Uppal M.; Gupta D.; Selvam Arun Kumar .; Jeyaram G.; Reshma R.	Enhancing Urban Mobility through Intelligent Transportation and Machine Learning-Based Congestion Control	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI)	IEEE	2026	Conference	May
36	Chandrashekar S.V.; Velu M.; Dhanaraj R.K.; Balusamy B.; Pamucar D.; Sharma N.	Hybrid NLP-based speech augmentation with explainable AI approach for enhancing reliability and explainability in Human-Robot Interaction	ICT Express		2026	Journal	May
37	Madhu Arora, Rupesh Kumar, Ajay Jha, Anurag Singh, Sarbjit Singh Oberoi	CSFs in Cold Chain: A TISM and MICMAC Analysis	Global Business Review	Sage Publications	2026	Journal	January

38	Madhu Arora ORCID logo ; Rupesh Kumar; Jatinderkumar R. Saini ORCID logo ; Sarbjit Singh Oberoi ORCID logo ; Vinod Kumar ORCID logo	Barriers in the adoption of cold supply chain – a contextual parameter analysis	British Food Journal	Emerald	2026	Journal	January
39	sarika sharma, shreya virani, Jatinderkumar R saini, sonica rautela	Determinants of adoption of virtual reality as a teaching aid in higher education: the mediating role of hedonic motivation	Journal of applied research in higher education	Emerald	2026	Journal	January
40	M.K.Nallakaruppan, Joji Johnson, Shrikant Mapari, Anupam Dasgupta, Swapnil Udgir1, C.Narmatha	Reliable and efficient solar radiation estimation with the insights of XAI	Scientific Reports	Springer Nature	2026	Journal	January
41	Shilpa Sardesai*, Praneeth Reddy Amudala Puchakayala, Paril Ghori, U. S. B. K. Mahalaxmi	Volatility-aware Multimodal Market Forecasting via OPTICS Clustering, Spider Web Hyperparameter Optimization, and Incremental LSTM Prediction	International Journal of Intelligent Engineering and Systems	The Intelligent Network and Systems Society	2026	Journal	January
42	Shraddha Mihir Vaidya *, Jatinderkumar Ramdass Saini, SD Jadhav, PA Tamhankar	ReTruth Enhancing the Factual Consistency of Large Language Models through Iterative Retelling and Drift Stabilization	International Journal of Intelligent Engineering and Systems	INASS	2026	Journal	January
43	Ruby Chanda, Sarika Sharma	From chalkboards to virtual worlds: exploring teachers' role in the metaverse era	Asian Education and Development Studies	Emerald	2026	Journal	February
44	Bhavna N and Rajashree Jain	Optimizing Slot Detection by Using Advanced Object Detection Techniques for Intelligent Parking Solutions	Eng. Technol. Appl. Sci. Res.,	Dr D. Pylarinos	2026	Journal	February

45	Rajashree Jain, Milind Talele, Taher Muhammad Ali	Rajashree Jain [PDF] from etasr.com Performance Evaluation of Complex Face Emotion Recognition Using Convolution Neural Networks Under Diverse Conditions	Eng. Technol. Appl. Sci. Res	Dr D. Pylarinos	2026	Journal	February
46	Kaur J., Gill A., Saini J.R.	An Integrated Bibliometric and Content Analysis of Financial Natural Language Processing: Advancements and Challenges	American Journal of Finance and Accounting	Inderscience Publications, UK	2026	Journal	February
47	Akey Sungheetha, Rajesh Sharma , Balamurugan Balusamy, Shrikant Mapari, Karthik P, and Sumendra Yogarayan	Biologically Inspired Neuromorphic-XAI Synergy for Transparent and Low-Carbon Healthcare Intelligence	Scientific Reports	Springer Nature	2026	Journal	March
48	Shraddha Vaidya, Jatinderkumar R Saini, Kaushika Pal	Fractal Consistency: A Structural Approach for Hallucination Detection in Large Language Models.	International Journal of Intelligent Engineering and Systems	INASS	2026	Journal	March
49	Madhu Arora; Vasim Ahmad; Rupesh Kumar; Anurag Singh; Sarbjit Singh Oberoi ORCID logo	Mapping the landscape of cold chain management: a bibliometric study	Benchmarking: An International Journal	Emerald	2026	Journal	March
50	Srishti Bhardwaj, Sonam Aggarwal, Naveen Kumar, Abhishek Prasad, Shrikant Mapari, Rajesh Kumar Kaushal	Transformer-Enhanced Deep Ensemble for Multi-Class Liver Disease Classification Using Computed Tomography Images	Scientific Reports	Springer Nature	2026	Journal	March

51	Kakade A.; Dhanaraj R.K.	Optimized spatial automatic color enhancement technique: A novel approach for color restoration in retinopathy of prematurity (ROP) retinal images	Digital Signal Processing: A Review Journal	Elsevier	2026	Journal	Januray
52	Ali Z.; Pamucar D.; Simic V.; Dhanaraj R.K.	MABAC model based on linguistic (p, q)-rung orthopair fuzzy Z-number and their application in green supply chain management	International Journal of Cognitive Computing in Engineering	Elsevier	2026	Journal	Januray
53	Jeyaram, G.; Vidhya, V.; Dhanaraj, R.K.; Alabdulatif, A.	A Lightweight Sequential AI Framework for Real Time Intrusion Detection in Dynamic Vehicular Networks	Scientific Reports	Nature Portfolio	2026	Journal	February
54	Lakshmanan, S.K.; Muthusamy, M.; Dhanaraj, R.K.; Aanjankumar, A.; Sayeed, M.S.; Mohamed, M.Y.N.; Gopal, G.	Effective deep convolutional neural network with attention mechanism for Alzheimer disease classification	Frontiers in Radiology	Frontiers Media	2026	Journal	February
55	Mondal G.; Dhanaraj R.K.	A novel multi-model fused classification for classifying the natural disaster	Progress in Artificial Intelligence	Elsevier	2026	Journal	March
56	Mondal G.; Dhanaraj R.K.; Pamucar D.; Balusamy B.	Quantum-inspired bi-level neuro-swarm optimization for UAV-based disaster recognition and response	Machine Learning with Applications	Elsevier	2026	Journal	March
57	Munusamy S.; Jothi A.; Murugesan A.; Dhanaraj R.K.; Pamucar D.; Delen D.	TinyML powered UAV inspection for solar panel monitoring with optimized path planning	Applied Energy	IEEE	2026	Journal	March

58	Dhanaraj R.K.; Maragatharajan M.; Sureshkumar A.; Poonkuntran S.; Pamucar D.	AI-Driven Stacked Ensemble Intelligence for Robust Link Quality Classification and Adaptive Resource Management in Satellite Terrestrial Integrated Networks	IEEE Open Journal of the Communications Society	Springer Nature	2026	Journal	April
59	Badade A.B.; Dhanaraj R.K.; Selvarajan S.	Hybrid model for astroturfing detection using content analysis in the political domain on social media	Social Network Analysis and Mining	Springer Nature	2026	Journal	April
60	Dhanaraj R.K.; Muthusamy M.; Sureshkumar A.; Keshava R.; Parikh M.; Shanmugam P.; Pamucar D.	A Hybrid Edge Cloud Predictive Framework for Smart Home Energy Management in Consumer Electronics Using Distilled-Tree and Gradient Boosting Models	IEEE Transactions on Consumer Electronics	IEEE	2026	Journal	April
61	Muthusamy M.; Sureshkumar A.; Dhanaraj R.K.; Sayeed M.S.; Alkhayyat A.; Sivakumar N.R.; Palani K.	Gated Recurrent Unit-Based Deep Learning Framework for Personalized and Sequential Smart TV Content Recommendation	International Journal of Computational Intelligence Systems	Taylor & Francis	2026	Journal	April
62	Priyadarsini P.L.K.; Akshya J.; Dhanaraj R.K.; Khadidos A.O.; Khadidos A.O.; Selvarajan S.	Optimized Graph-Search-Based Path Planning for Intelligent UAVs in Complex Environments	International Journal of Computational Intelligence Systems	Taylor & Francis	2026	Journal	April
63	Nallakaruppan M.K.; Dhanaraj R.K.; Shukla S.; Krishnamoorthi S.; Kumar Kaushal R.; Kumar Goyal M.; Basheer S.; Tabrez Quasim M.	A Federated Autoencoder Framework With Explainable AI for Intelligent 6G-IoT Infrastructure Optimization	IEEE Internet of Things Journal	IEEE	2026	Journal	April

64	Ramaraj S.C.S.; Rajaguru H.; Dhanaraj R.K.; Selvarathinam A.L.X.R.A.; Pamucar D.	Deep-learning based adaptive fusion of CC and MLO views for improved mammographic cancer diagnosis	MethodsX	Elsevier	2026	Journal	April
65	Bafna, P., Varade, A	Syntopextract—extracting agricultural topics using polysemy and topic coherence.	Discover Computing	Springer	2026	Journal	May
66	1) Jatinderkumar Ramdass Saini, 2) Shraddha Mihir Vaidya *, 3) PA Tamhankar	Adaptive Multi Scale Change Point Modeling for Boundary Localization in Mixed Human AI Documents	International Journal of Intelligent Engineering and Systems	INASS	2026	Journal	May