

2024 International Conference on IoT, Communication and Automation Technology (ICICAT 2024)

**Gorakhpur, India
23-24 November 2024**

Pages 1-560



**IEEE Catalog Number: CFP24DW2-POD
ISBN: 979-8-3503-6811-6**

**Copyright © 2024 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP24DW2-POD
ISBN (Print-On-Demand):	979-8-3503-6811-6
ISBN (Online):	979-8-3503-6810-9

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

Table of Content

Sr. No.	Paper Title	Page No.
1	"Adaptable Machine Learning Methods for A Twitter Followee Recommendation System" Sandeep Yadav, Shashank Srivastav	1
2	"Multiple language Discovery Abuse of Cyberspace with Advanced Transformer Architecture" Arvind Singh, Abhinandan Tripathi	5
3	"The Analysis of AI Based Algorithms in Personalized and Adaptive E-learning Experiences" Ajay Kumar, Shashank Srivastava	11
4	"The smart power optimization for sensor based wearable IoT devices using AI based deep learning" Anuj Kumar, Jyoti Sharma, Mukulit Goel, Vikas Chaudhary	17
5	"Enhancing Security in Communication Networks through Quantum Key Distribution" Vaishnavi V Purushottam, Meena.S, Dr.N.Guruprasad	23
6	"Federated Learning for Cybersecurity: A Promising Frontier" Ananya G, Bindu Madhavi V, Monisha Murthy, Dr. N. Guruprasad	27
7	"Comprehensive Methodologies For Alzheimer's Disease Prediction:A Machine Learning Approach" Vidyashree R, Suchitha U, Tanisha Shetty, Dr. N. Guruprasad	31
8	"Implementation of Multiple UAV (Unmanned Aerial Vehicle) Algorithm for same Mission profile" Vaibhav, Prof Mani Shankar Prasad, Dr. Shivani Verma, Dr. HdR. Nour Mohammad Murad	36
9	"Flood Risk Assessment and Interpretation Using Explainable AI" Swati Sharma, Vivek Tomar, Sangeeta Arora, Nishant Gupta	41
10	"Advancing Early Detection: CNN for Automated Blood Cancer Diagnosis and Anomaly Detection" Raji V, Anburaman Seetharaman, Dr. Baskar Kasi, Dr. Sakthi Govindaraju, Paarkavy B	46
11	"Unmasking Manipulations: Recent Advances in Image Tampering Detection" Chiyvedu Manasa, Dr. Dheeraj D, Dr. Deepthi V S	52
12	"Transforming E-learning with Adaptive Technologies to Improve Personalized Learning" Ajay Kumar, Shashank Srivastava, Sunit Jaiswal	58
13	"The Identification of Health of Heart Through Predictive ML Based Technique in Integration with Existing System" Mr. S. Prabakaran, Harish S, Tamilselvan B, Praveen Kumar B, Gobinath B	63
14	"Improving LLM and Generative Model Efficiency" Anbumani P, Vasantharaja R, Gokul M P, Roopesh V S,Hareesh S D	69
15	"Identifying Gestures through Convolutional Neural Networks: An Innovative Methodology" Mr Anbumani P, Arun L, Arunkumar V, Anish V, Gokula Hariharan N	74
16	"Smart Digital Electric Meters for Monitoring Home Appliances" Karthikeyan M, Divakaran M, Karthikeyan K, Karthikeyan S, Madhanraj M	79
17	"Smart Helmet with Automatic Braking Using IoT" P. Alaguvathana, Akash G, Anand R S, Arun Pranav A M	84
18	"Smart Water Quality Detector Using Arduino" Cibi Chakkaravarthe R K, Faizal A K, Gokul M, Tharaneetharan M, Mukuntharaj C	89

19	"IoT Based Speed Control and Accident Avoidance Using Black Box" R. Suganya, Sindhu K, Varshini V, Nidharshana B, Siva Prabha S	94
20	"Tramline Surveil System Escorting Liability Observation and Localization" K. Bhavadharani, Dheepa M, Dharshini M, Bangadharshini D, Dhivyabharathi N	98
21	"Serial Driver Verification Driver Module using UVM" Raja Krishnamoorthi, B. Raghunadh, Ch. Bhanuprakesh, Vikash Mehta, Bhavesh Balaji .Bm, M. Irshad Ahamed	104
22	"Environmental Monitoring Quadcopter" Lijo Jacob Vargheese, Harshavarshini S, Keerthana R, Lakshana R, Kirankumar K	113
23	"Eye Detection Wheelchair with Smart Monitoring Using Deep learning in CNN" R.Muthuchelvan, Divagarvasu.P, Gopinath.S, Gokul Prasanth.V, Gowtham.J	117
24	"Deep Learning Approaches for Air Quality Forecasting: An LSTM and CNN Perspective" Lakshmi.s, Krishnamoorthy. A	122
25	"A Fog-Assisted Cloud Computing Architecture for Healthcare Monitoring Applications Using IoT" Abhijeet Madhukar Haval, Md Afzal	127
26	"Smart Airbag Wearables Revolutionizing Fall Protection with IoT Integration" Balasubramani M, Kavinkumar S, Karthik P, Sekar K M, Gowtham B	131
27	"IoT Based-Enhancing Banking Security with Multi-CNN Face Recognition and SMS Verification" S Geetha, S Nivetha, S Preethi, R Priyanka, V Priyanka	135
28	"Data Security in Communication using Blockchain and Key Based Protocols" Mr. S. Prabakaran, Harinivaash K, Prasad R, Kaviyan J, Rabin D	141
29	"A Novel Approach for Lagna Computation by Combining the Astrological Facts and Relevant Statistical Calculations" Sri Gowrinath, Dr. Yeturu Jahnvi, Prof. P V G D Prasad Reddy	146
30	"Customer Phycological Behaviours Analysis Using ML Algorithm to Customise the Service" Balaji Srikanth P, Pradeep Sudhakaran, Shirisha K	151
31	"SIES Development for EOPMS Towards Industry 4.0" Omprakash Dewangan, Vasani Vaibhav Prakash	158
32	"Dual Axis Solar Tracking System" Dr. H.S.Niranjana Murthy, Dr. Venu K N, B.Rohit Prakash, Eisa Mohammad, K S Harshith, Gokul G	162
33	"Cost Analysis in Minimum of Supply and Demand for Corresponding Minimum Cost in Balanced and Unbalanced Transportation Matrix" S. Saravana Kumar, K. Thiagarajan, S. Muthukumar, C. Thangapandi	166
34	"Safeguarding Online Interaction : Utilizing Machine Learning For Detection of Malicious Intent" Mrs. S. Kamali, Jeeva V, BharathKumar S, Harish R, Manoj M	171
35	"A model for video anomaly detection using deep learning-based Recurrent Neural Networks" Dr. Rajesh Keshavrao Deshmukh, Mohit Shrivastav	178
36	"Android Application Development for Enhance Voice Based Learning to Visually Challenged People's" B.Srinivas, Sanjith P, Varunkumar N, Vignesh R, Vigneshwar D,	181
37	"Fruit Quality Detection Using Machine Vision Techniques" Premanatha G, Alismail M, Arun A, Rahul S, Vignesh D	187
38	"Smart Air Purifier and AQI Monitoring System" Deepa S, Lingesh Kumar R, Mohan A D, Nikil A, Rajeshprabha R	192
39	"Optimizing Crop Yield Prediction for Agarius Bisporus in Controlled Environment Using Machine Learning Technique" Dhanapriya R, Kavipriya T, Monica R	196
40	"Technological Innovations in Engineering Education: A Review of Fundamentals and Practices" Rajeev Kumar Bhaskar, Balasubramaniam Kumaraswamy	202

41	"Enhancing Cybersecurity through Advanced Keylogging Techniques" Sanjay K, J K Ratheesh, R R Johin, Krishnamoorthy A	206
42	"Navigating Uncontrolled Terrains: Integrating Heuristic Search-Based Path Planning Algorithms" Parshva Maniar, Kushagra Veer Garg, Nikkhil Chopra, Krishnamoorthy A	212
43	"Efficient Modelling of Workload Arrival and Offloading for Vehicular Edge Computing" Priya Vjj, Patil Manisha Prashant	216
44	"Enhanced Face Recognition Performance Through Convolutional Neural Networks" D.S.John Deva Prasanna, Ragupathi, Pratik Kumar	220
45	"Smart Farm Management Using Machine Learning" Mr. S. Prabakaran, Dharun T, Gowdik H, Anu Prakash K, Kirubakaran K	225
46	"Development of An Augmented Reality-Based Innovative Teaching in Education to Enrich the Engineering Student Experience" Palvi Soni, Gajendra Tandan	230
47	"Algorithmic Approach on Transportation Model with Weighted Path Graph Method" B. Mahalakshmi, Thiagarajan Kittappa, S. Vimala	235
48	"Mindbrush: A Machine Learning Approach to Virtual Artistry" Shreya Kashyap, Kaviya A, R.Yamini	239
49	"Image Restoration through InceptionResNetV2: Unveiling the True Identity within Deepfake Detected Sequences using Subsequent Deepfake Modifier" Mangayarkarasi Ahnandha Shree Money, Pushpitha Shree P, G Brindha	243
50	"An Innovative Research of Liver Fibrosis Imaging Using DCNN Neural Network" T. Haripriya, K. Dharmarajan	248
51	"A Comparative Estimation of Media Manipulation Disclosure using Machine Learning Algorithms" R. Vidhya, M. J. Aswin Jaya Surya	253
52	"AQI Prediction Using Human-AI Teaming" Abhinav Jha, Harshit Gupta, Dr. Sandhya G.k	260
53	"TextThread Explorer" R. Arun Akash, Niladri Ghoshal, Sathya Rajesh	266
54	"Machine Learning-based Automatic Language Identification for Indian Languages" Enjula Uchoi, Utkarsh Solanki, Udit Bhandral, Sahil Patiyal, Sahil Dogra, Hargun Singh Khera	273
55	"Hue Spectrum visualizer using python with OpenCV" Ms. A. Raajyavardhini, Gowthaman T, Krishnamoorthy R, Dhanush S, Harish S	280
56	"Advanced Data Mining to Explore the Effects of Brain Due to Schizophrenia" M. Sangeetha, Deepika S, Rajeshwari G, Priyadarshini B, Souparnika CS	285
57	"A Refuge System Development for Underground Mines through IIOT" K. Srinath yadav, Vignesh M, Sivaguru S, Ranjeeth kumar G, Santhosh P	290
58	"Cloud-Enabled Wireless Gesture Control System for Humanoid Bionic Arm Using IOT" S. Geetha, Vichitra S, Nithiya Shree M, Sandhiya V, Yuvarani V	295
59	"Hybrid Energy System Design for Transportation Using QC Technique" Chandni Sawlani, Pooja Sharma	300
60	"Towards AI-Driven Enterprises: Economic and Technical Changes in Modern Business Environments" Haitham Obaid Abd Alzahrh	304
61	"Intelligent Financial Forecasting: A Fusion of Computer Engineering and AI in Accounting" Ismanov Ibrokhim, Azizkhon Khojaev, Zebo Akhmadaliev, Ulugbek Mekhmonaliev	310
62	"Navigating Narratives: Exploring AI's Influence on English Literature" Khilola Sotvaldieva, Shakhnoza Usmonova, Zarnigor Khalilova, Shoir Nuritdinova, Azizakhon Kosimova	316

63	"Digital Dickens: AI and The Future of Classic Literature Interpretation" Dildora Ganiyeva, Navruza Aliyeva, Shakhloza Karimova, Dilorom Ismoilova, Islom Jurayev	322
64	"AI-Driven Personalized Learning: Revolutionizing Language Education" Wati Istanti, Suseno, Santi Pratiwi, Kundharu Saddhono	329
65	"Artificial Intelligence in Language Classrooms: Improving Engagement and Outcomes" Igor Porubay, Gulnara Tashmatova, Shahnoza Akhmadjonova, Mokhigul Uktamova, Sarvarbek Kuziev, Mirjalol Mirzaakhmedov	335
66	"AI Technologies in Modern Farming" Ari Kusmiatun, Beniati Lestyarini, Ani Rakhmawati, Kundharu Saddhono	341
67	"The Future of Literacy Education: Artificial Intelligence and Adaptive Learning Systems" Zilola Yigitalieva, Islom Dehqonov, Anora Mamatova, Asiya Zinatullina, Sobitjon Tulanov, Shakhlo Akbarova	347
68	"AI in Education: Redefining Language Assessment and Feedback Mechanisms" Barno Mukhtorova, Mirdjalol Mirzaakhmedov, Malika Ganiyeva, Umidakhon Usmonova, Zakhro Mamadaliyeva, Mukhammadali Samindjonov	354
69	"AI and Literacy: Developing Critical Thinking and Analytical Skills in the Digital Era" Kundharu Saddhono, Raheni Suhita, Ani Rakhmawati, Muhammad Rohmadi, Indriyo K. Sukmono	360
70	"The Role of AI in Facilitating Multilingual Literacy and Cross-Cultural Understanding" Kundharu Saddhono, Muhammad Rohmadi, Try Annisa Lestari, Kaleb E. Simanungkalit, Indriyo K. Sukmono	366
71	"Diabetes Prediction in Healthcare Using CNN Algorithm" Abhishek Shahi, Amitabh Wahi, Anshu Kumar Dwivedi	372
72	"Automated Toilet Cleaning System" Vidyalakshmi R, Sridharan D, Hariprasath J, Hritheekkumar R	377
73	"Identification of Fake Indian Currency Using Deep Learning" Jakka Venkatesh, Katakam Nikhilesh, R. Rajalakshmi	382
74	"Detection of Traffic Violation and Vehicle Number Plate Using Computer Vision" Jeevan Abishek H, Balavinodhan R, R.Rajalakshmi	390
75	"Sleeping Pattern Analysis Using Extreme Gradient Boosting and Logistic Regression" P Nancy, Prachi Pandi, Amrita Kumari	394
76	"Advanced DC-DC Bidirectional Converter with Three Ports for Use in Vehicle-to-Grid Applications" P Jeevananthan, R Kaviya, R Sanjay, M Sasikumar, V Sridharan	402
77	"Detection of COVID-19 based on Deep Learning" Punya Prabha V, M D Nandeesh, Tejaswini S	408
78	"Advanced Forecasting and Analysis Techniques for Optimizing Website Performance: A Comparative Study of Time Series Models" Gayathri Raikar, Harshith D, Dr. N. Guruprasad	414
79	"Automated Breast Cancer Prediction System-Based On Machine Learning Algorithm Approach" Shafiq Ahamed, Amitabh Wahi	420
80	"Emotion based Music Recommendation System using Machine Learning" Sahana S Gowda, Priya Badrinath	425
81	"Innovative Fabric Defect Detection Strategies for Enhanced Textile Quality" J Sony, Priya Badrinath	430
82	"Artificial intelligence and emotional intelligence in the workplace: Their roles and effects for industry 4.0" Sonakshi Bhatia, Babita Rawat, Nitin Thapliyal, Rohak Tiwari, Santosh Kumar, Kapil Joshi, Arun Kumar	435

83	"Breast Cancer Diagnosis using Convolutional Neural Network" Archika Jain, Devendra Somwanshi, Chandradeep Bhatt, Arpana Chaturvedi, Harishchandra Anandaram, Kapil Joshi	441
84	"Evaluating the Performance of Naive Bayes vs. Decision Tree in Predicting and Forecasting Diabetes" Abhishek Shahi, Amitabh Wahi, Anshu Kumar Dwivedi	446
85	"Thermal analysis of Recessed Source/Drain Junctionless MOSFET with Enhanced Electrostatic Performance" Hrshikesh Paralikar, Dr.Gaurav Upadhyay, Alok Kumar, Abhinav Gupta	452
86	"Active Power Regulation Based Single-phase Grid-connected Solar-PV System" Raja P, Surya k, Ranjith Kumar J, Somasundaram PL	456
87	"Challenges Approaches and Methodologies in Data Integration : A Review" Priya Badrinath, Dr Deepak G	462
88	"Renewable Energy Systems: A Survey of Advanced ML And DL Techniques" Mohammed Al-Farouni, Ahmed Hussain, Abdul Hassan Majli Jaafar, A.A.Mukhlus, Waleed Mohammed Khazaal, Doaa Talib Zaidan	465
89	"VCC-SSF: Enhancing Vehicular Cloud Computing Security with A Service- Oriented Framework" Shams Al-Qaisy, Nabaa kareem Taaban, Muntather Almusawi, Abdul Hussein Mohsen, W.A.Saaïd, Hajar Kazem Shahad	471
90	"Coordinated Management of Fog-to-Cloud (D2C) Systems: Foggy Clouds and Clouds Fogs" Ali Abdulkareem Mezaal, Star Jabbar Zahab, E.A.Tawfek, Sabeeh Thamer Fadhil, Haider Alabdeli, Ali Salman, Abdul Redha Hussein Sabr	478
91	"Cloud VM Lifecycle Security: Framework Based on Trusted Computing" Hassan M. Al-Jawahry, Mohammed Salim, Ahmed Al-Ansari, E.A.Tawfek, Dounia Jamiel Qassid, Nabaa kareem Taaban, Wazirat Younis Ibrahim	486
92	"Enhanced Security Framework for Cloud Data Storage and Communications: ECC, Access Control, and LDSA" Mohammed I. Habelalmateen, Aqeel Al-Hilali, Ali Ghobash, E.A.Tawfek, Riad Abdull Retha Abass Algurah, Nabaa kareem Taaban, Abdel Mohsen Abdel Sarhan	493
93	"IoT Implementation of Kalman Filter: Enhancing Air Quality Monitoring Accuracy and Prediction" Myasar Mundher Adnan, Aqeel Al-Hilali, Israa Jabbar, H.H.Alaak, Ihssan Adil Hassan, Ali Saad Alwan, Awad Muhammad Awad	499
94	"Remote Measuring Laboratory VMLAB Analysis: IoT Implementation Insights" Ramy Riad Al-Fatlawy, Mohammed Salim, Amjad Hashem, H. H. Alaak, Sadiq Naama Henedy, Ali Abdulkareem Mezaal, Zahraa Ahmed Ali	507
95	"Cloud Computing Security: A Comprehensive Review of Machine Learning Algorithms" Zaid Alsalam, Mohammed Salim, Imad al-Din Hussein al-Saidi, H.H.Alaak, Reem Hamdan Khaddour, Nabaa kareem Taaban	514
96	"IOT in Agro-Industry: Surveying Opportunities and Barriers for Technological Capabilities" Saif O. Husain, Ahmed Hussain, Osama Nazim Saadoun, R.K.Taher, Ahmed Amer Ibrahim, Ali Abdulkareem Mezaal, Mohammad Mehdi Mohammad	521
97	"Hiding Information with IOT: Encryption System Exploration and Implementation" Ammar Hameed Shnain, Abdulqadir Alaa, Nizar Abdel Amir, H.H.Alaak, Amjad Sohil Saedy, Zaid Hikmat Kareem, Mina Ismail Abbas	528
98	"Cooperative Edge Caching: Federated Deep Reinforcement Learning for IOT" Ali Abdulkareem Mezaal, Ahmed Abdel Razzaq Farag, R.K.Taher, Ali Muhsin Ajil Hagra, Mohammed Al-Farouni, Huthaifa Ayad, Madi Hashem Attiwi	534
99	"Sustainable Resilience in IOT Supplier Selection: An Integrated BWM and Trust Approach"	541

	Ali Saad Alwan, Haqqi Ismail Jassim, R.K.Taher, Ali Suhail Najm, Haider Alabdeli, Abeer Ahmed, Qasim Abdul Jabbar	
100	"IOT Revolutionizing The Energy Sector: A Comprehensive Overview" Ali Abdulkareem Mezaal, Riad Azizi Abboud, E.M.Abbas, Hasan Mohamed abef, Mohammed I. Habelalmateen, Huthaifa Ayad, Abdul Hassan Majli Jaafar	547
101	"Semar IOT Server Platform: Design and Applications Implementation" Ali Abdulkareem Mezaal, Shaima Rahim Muhammad, E.M.Abbas, Bijan Morteza Shoushtarian, Hassan M., Abeer Ahmed, Abdul Hussein Mohsen	554
102	"Automated IOT Security Testbed: Design and Implementation Insights" Ali Abdulkareem Mezaal, Sarah Hashem Zaghir, E.M.Abbas, Dulfikar Jawad Hashim, Muntather Almusawi, Mohammed Sabah, Abdul Redha Hussein Sabr	561
103	"Energy-Efficient Clustering for Wireless Sensor Networks: Fuzzy Logic Approach" Doaa Talib Zaidan, Maryam Jamal Manea, E.M.Abbas, Yaser Ahmad, Myasar Mundher Adnan, Yousr Sattar, Ahmed Al-Ansari	568
104	"Revenue Prediction for Integrated Renewable Energy Systems: ML Techniques" Doaa Talib Zaidan, Mina Qahtan Mahmoud, A. A. AL Layith, Ayham Sameer Faaq Roukiah, Zaid Alsalam, Yousr Sattar, Ali Ghobash	576
105	"Optimized Algorithm for Renewable Energy Forecasting: A Machine Learning Perspective" Doaa Talib Zaidan, Ahmed Sadiq Farag, A.A. ALLayith, Hussein Sabah Miys, Ammar Hameed Shnain, Shams Abdulrahman, Israa Jabbar	583
106	"Quantifying Uncertainty in Predicting Renewable Energy Time Series: ML Applications" Amjad Hashem, A. A. ALLayith, Liwaa Ali Hussein, Doaa Talib Zaidan, Marwa Abdel Ali, Saif O. Husain, Alaa Mohammed	590
107	"AI Deployment Susceptibility: Challenges in Clinical Decision-Aid Implementation" Osama Nazim Saadoun, R. A. ALLayith, Manar Kareem Lafta, Karrar Hayder Shakir, Ahmed Saadoun Hussein, Mohammed Al-Farouni, Hayder Shareef	597
108	"Clinically Applicable AI for COVID-19 Diagnosis Using Computed Tomography" Nizar Abdel Amir, O.A. Mukhlus, Yaser Ahmad Ibrahim, Karrar Hayder Shakir, Shaima Abdel Razzaq Mahdi, Muntather Almusawi, Hassan Safi	603
109	"Unremarkable AI: Intelligent Decision Support in Critical Clinical Decision-Making" Madi Hashem Attiwi, J.O. Almass, Ayham Sameer Faaq Roukiah, Karrar Hayder Shakir, Lina Iyad Asaad, Haider Alabdeli, Enas Hassan	610
110	"Delivering Clinical Impact with AI: Key Challenges and Considerations" Qasim Abdul Jabbar, N.B.Hassan, Hussein Sabah Miys, Karrar Hayder Shakir, Laith Issa Yassin, Hassan M. Al-Jawahry, Enas Hassan	617
111	"AI-Based Smart Prediction of Clinical Diseases: Random Forest and Naive Bayes Approach" Abdul Hassan Majli Jaafar, O. A. Mukhlus, Liwaa Ali Hussein, Karrar Hayder Shakir, Muhammad Musa Jaafar, Mohammed I. Habelalmateen, Alaa Mohammed	623
112	"Assessing AI's Role in Clinical Oncology: Machine Learning in Radiotherapy Planning" Abdul Hussein Mohsen, O. A. Mukhlus, Ahmed Amer Ibrahim, Ahmed Qusay Jawad, Nawras Salman Abdel Latif, Myasar Mundher Adnan, Hayder Shareef	629
113	"Human-AI Collaboration In Rehabilitation Assessment: A New Clinical Paradigm" Abdul Redha Hussein Sabr, X. I. Abdulaziz, Amjad Sohil Saedy, Karrar Hayder Shakir, Hani Ghazi Mejbil, Ramy Riad Al-Fatlawy, Alaa Mohammed	636
114	"AI Framework for Predicting Coronavirus Severity: Data-Driven Approach" Ahmed Al-Ansari, R. K. Falih, Ali Muhsin Ajil, Karrar Hayder Shakir, Mohammad Mehdi Mohammad, Zaid Alsalam, Mustafa Saad	641

115	"Digital Pathology and AI: Transforming Translational Medicine and Clinical Practice" Ali Ghobash, R. K. Falih, Ali Suhail Najm, Karrar Hayder Shakir, Mina Ismail Abbas, Saif O. Husain, Mustafa Saad	649
116	"AI Integration for Neurodegenerative Disorders: Advancements and Challenges" R.K.Falih, Hasan Mohamed Abef, Ahmed Qusay Jawad, Ahmed Abdel Razzaq Farag, Ammar Hameed Shnain, Huthaifa Al-Ani, Israa Jabbar	656
117	"Multi-Layer Insight into Neurodegenerative Diseases: Big Data and AI Perspectives" R.K.Falih, Bijan Morteza Shoushtarian, Zaid Hikmat Kareem, Haqqi Ismail Jassim, Mohammed Al-Farouni, Hassan Safi, Amjad Hashem	662
118	"AI in Neurodegenerative Disease Research: IBM Watson Identifying RNA Binding Proteins" M.M.Alkubaisy, Dulfikar Jawad Hashim, Karrar Hayder Shakir, Riad Azizi Abboud, Haider Alabdeli, Abeer Ahmed, Imad al-Din Hussein al-Saidi	669
119	"AI for Neurodegenerative Experimental Models: Advancements and Applications" M.M.Alkubaisy, Waleed Mohammed Khazaal, Karrar Hayder Shakir, Shaima Rahim Muhammad, Mohammed I. Habelalmateen, Huthaifa Ayad, Osama Nazim Saadoun	675
120	"AI-Coupled Plasmonic Sensor for Neurodegenerative Disease Detection: Cutting-Edge Technology" M. M. Alkubaisy, Tahir Toma farhan, Karrar Hayder Shakir, Sarah Hashem Zaghir, Hassan M. Al-Jawahry, Hassan Safi, Nizar Abdel Amir	681
121	"AI Diagnosis of Mild Cognitive Impairment in Neurodegenerative Diseases from FDG Pet Images" O.F.Ibrahim, Sabeeh Thamer Fadhil, Zaid Hikmat Kareem, Maryam Jamal Manea, Muntather Almusawi, Abeer Ahmed, Madi Hashem Attiwi	687
122	"Tele neurology challenges in parkinson's disease care: Addressing complexity" O.F.Ibrahim, Dounia jamiel qassid, Zaid Hikmat Kareem, Mina Qahtan Mahmoud, Myasar Mundher adnan, Ahmed Hussain, Qasim Abdul Jabbar	693
123	"Modelling neurodegenerative diseases in transgenic systems: insights and innovations" S.A.ALLayith, Riad Abdull Retha Abass Algurah, Zaid Hikmat Kareem, Ahmed Sadiq Farag, Zaid Alsalami, Mustafa Saad, Osama Nazim Saadoun	700
124	"Data mining applications in parkinson's disease: a comprehensive review" S.A.ALLayith, Ihssan Adil Hassan, Karrar Hayder Shakir, Marwa Abdel Ali, Ammar Hameed Shnain, Mustafa Mohammed Jassim, Nizar Abdel Amir	706
125	"Machine learning approaches in mining genetic and transcriptomic data for parkinson's disease" S.A.ALLayith, Sadiq Naama Henedy, Zaid Hikmat Kareem, Nardin Abdel Sattar Muhammad, Saif O. Husain, Mustafa Saad, Madi Hashem Attiwi	713
126	"Advanced Machine Learning Techniques for Predicting Water Quality and River Flow Dynamics" Saksham Mishra, Shashank Srivastava	719
127	"Enhancing Financial Decision-Making With Edge Computing And Ai In Accounting Environments" Dr Naila Iqbal Qureshi	724
128	"Shakespearean Sonnets In The Digital Age: Ai's Role In Analysing And Creating Poetry" Kundharu Saddhono, Loso Judijanto, Samuel B. T. Simorangkir, Kaleb E. Simanungkalit, Erikson Saragih, Try Annisa Lestari	730
129	"An Integration of Machine Learning and Big Data In for The Purpose of Healthcare and Its Impact" M. A. Raja, Bhupchand Kumhar, D Little Femilin jana, Mohammed Al-Farouni, T. Kuppuraj, S. Jaiganesh	736
130	"Teaching Literature with AI: Enhancing Education Through Automated Analysis and Interpretation"	742

	Kundharu Saddhono, Loso Judijanto, Indrya Mulyaningsih, Reza Muamar Zaki, Ratna Rintaningrum, Novi Anoegrajekti	
131	"AI and The Future of Fiction: Exploring Narratives Beyond Human Imagination" Kundharu Saddhono, Loso Judijanto, Arsen Nahum Pasaribu, Liliana Muliastuti, Wido Hartanto, Aida Azizah	748
132	"The Ethics of AI in Literature: Reflections On Representation and Responsibility" Kundharu Saddhono, Farida Nugrahani, Andi Sukri Syamsuri, Ermanto, A. Rahman Rahim, Eri Sarimanah	755
133	"The Impact of Artificial Intelligence on Economic and Technical Dynamics in Contemporary Business Environments" Jennifer m. Villanueva	761
134	"Revolutionizing Marketing: Harnessing Artificial Intelligence for Enhanced Customer Engagement and Insights" Juan A. Asuncion JR.	767
135	"Artificial Intelligence and Literary Creativity: Examining New Frontiers in English Literature" Dr. Mona Mohammed Abass Hamza	773
136	"AI-Assisted Tutoring Systems: Improving Engagement and Learning Outcomes in Elementary Education" Svetlana Umirova, Shavkatjon Mahmadiyev, Talat Zuparov, Aziz Yuldashev, Abdulla Abdullayev, Nazira Sobirova	779
137	"Machine Learning for Intricate Detection in 6G Networks" Annapurna Nand Tiwari, Revathi N, Muntather Almusawi, Sakthi Prabha, J. Karpagam, Md.Hafeena	785
138	"Advancing Natural Language Processing: Beyond Embeddings" Sharifa Iskandarova, Umidjon Kuziyev, Dilmurod Ashurov, Dilafruzkhon Rakhmatullayeva	792
139	"AI Strategies for Complex Math Problems: Optimization" Dr. Anju Rani, Ms. Shweta Bakshi, Mr. Rajan Bansal	797
140	"Breast Cancer Detection using Deep Learning" Shajal Afaq, Nanhay Singh	802
141	"An Overview on IoT in Electric Vehicles: Efficiency and Sustainability" Shashank Gupta, Indu Sounkhla, Ranjeet Kumar Dubey, Mithilesh Kumar Singh Yadav, Sandeep Yadav	808
142	"Analysis of an Elastically Restrained Column using Stiffness Matrix Method and Artificial Intelligence" Chandrasekar Putcha, Ravi Prakash Tripathi, Bhupendar singh Rana, Jorge Liviapoma, Brianna Mantz, Alissa Persad, Jesa Kreiner	813
143	"Enhancing Cancer Prediction: Investigating ACO-Based Feature Selection with Logistic Regression, XGBoost, and LightGBM" Ashwini Chidurala, Shashanka Basani, Pranavi Mulastam, Sanjay Nerella, Shashank Srivastav, Anshu Kumar Dwivedi	819
144	"Image steganography using F5 algorithm" Vaibhavi Sushil, Shashank Srivastav	825
145	"Utilization of Deep Learning and Machine Learning Algorithms in Detection, Segmentation, and Classification of Brain Metastasis: A Systematic Literature Review" Deepinder Kaur, Jaspreet Singh	831
146	"A Multimodal Deep Learning Approach for Advancing Liver Disease Diagnosis and Prognosis Prediction" Mukesh Kumar, Nitin Arvind Shelke, Jagendra Singh, Kamal Nain Sharma, Rajat Sharma, Rakesh Kumar	838
147	"Exploring Person-Job Fit Influence on Innovation Behavior through Machine Learning Approach in Public Sector Banking Institutions" Jagendra Singh, Dinesh Prasad Sahu, Preeti Sharma, Vinish kumar, Meenakshi Sharma, Ramendra Singh	844

148	"A High-Performance Deep Learning Approach for Real-Time Detection of Rice Leaf Diseases Using CNN Model" Manish Kumar, Vivek Kumar, Burra Sabitha, Jagendra Singh, Hassan M. Al-Jawahry, M. Sree Vani	849
149	"A Review of Methods and Sensors for Detecting Forest Fire" Shilpy Gupta, Vikash Kumar Mishra, Vipin Rai, Aksh Bishnoi	854
150	"Flood Hazard Assessment and Cropland Damage Estimation Using Harmonized Sentinel-2 and SAR Data" Amit Kumar Singh, Oscar Rosario Belfiore, Giovanni Pugliano, Guido D'Urso	859
151	"Scale-Invariant Feature Transform based Single-Sample Face and Ear Recognition" Vivek Tomar, Nitin Kumar, Maroti Deshmukh, Maheep Singh	864
152	"Performance investigation of Nano-wire Biosensor using Junction-less Gate-All-Around MOSFET" Vijay Kumar Verma, Arun Kumar Mishra, Tarun Kumar Gupta, Alok Kumar, Akanksha Gupta, Abhinav Gupta	870
153	"The Intersection of Art and AI: Innovations in Creative Collaboration" SHAMANTH N, SAGAR T R, SANJANA BALLAL, KHUSHI ETAGI, Dr. PRIYANGA P	874
154	"An Investigation of the Utilizations of Machine Learning Methods in Precision Agriculture" Hema Sree Bavana, Susmitha Kummara, Somaraju Sasi Krishna Pranutha, Vasantha Vijayalakshmi, Nafees Akhter Farooqui	880
155	"Analyzing Uber's data to extract valuable insights using Machine Learning " Bharat Bhardwaj, Himanshu Tiwari, Alok Kumar, Sandeep Saxena	888
156	"Establishing Trust in Online Voting: Blockchain Solutions for Secure Elections with Immutability and Efficiency" Ashwani Kumar Pandey, Abhinandan Tripathi, Ashok Kumar Yadav	893
157	"Design and Study of Source Pocket Extended Gate Vertical TFET" Kavindra Kumar Kav, Gaurav Kumar, Manish Kumar Rai, Abhinav Gupta, Lavi Tyagi, K.K. Sharma, Nisha Rani, Ram Ishwar Vais, Binay Binod Kumar	898
158	"Rule-based Hybrid Energy Storage System Design and Control of an Electric Vehicle" Vaishali A.Katkar, Prerna Goswami, Ramesh Devarapalli, Meghna Ranjit Yashwante	902
159	"Comparative Analysis of Feature Selection Methods Using Swarm-Based Optimization Techniques" Ashish Kumar Singh, Anoj Kumar, Ashish Ranjan Mishra	909
160	"Heart Stroke Cardiovascular Predictive System Using Multi-Model Supervised Techniques" Arjun Singh, Sakil Ahamad Ansari, Anubhi Bansal, Abha Sharma, Bala Shiwangi, Arun Kumar Singh	916
161	"Analyzing and Detecting the Fake News using Machine Learning" Santosh Kumar Upadhyay, Manmohan Singh Yadav, Vipin Kumar chaudhary, Motashim Rasool	920
162	"Image captioning System Using LSTM and VGG16" Manish Kumar Singh, Santosh Kumar Upadhyay, Nidhi Sharma, Rupak Kumar, Manmohan Singh Yadav	925
163	"Compilation of Text to Video models" Anupama Y K, Neelam Neha, Dinky Verma, S B Sankeerthana, Medha Jha	931
164	"Addressing Fertilization Challenges to Enhanced Crop yields using Machine Learning" Tanaya Gupta, Priya Sahai, Pragya Singh, Sandeep Saxena	936
165	"AI-Based Energy-Efficient Routing Protocol for Large-Scale Underwater Wireless Sensor Networks" G Jagan Naik, Kanchan Yadav, Perumalla Varaprasada Rao, Dr. N.Kalyana Sundaram, Myasar Mundher adnan V. ViswaPriya	942

166	"AI-Based Network Traffic Prioritization for Latency-Sensitive Applications in 6G Networks" S Dhanalakshmi, Talupuri Aswini Devi, Rohit Agarwal, Laith H. Alzubaidi, Dr.S.Senthil Kumar, S.B.Prakalya	947
167	"AI-Driven Smart Health Monitoring System Using Wearable IoT Devices and Predictive Analytics" Bh. Prashanthi, Ashish Sharma, Ms. M.Mahima, K.Navya, Ramy Riad Al-Fatlawy, Senthilnathan Chidambaranathan	952
168	"Cross-Layer Optimization for Enhancing QoS in Software-Defined Vehicular Networks" Gajula Ramesh, V Shiva Kumar, Krishna Kant Dixit, Zaid Alsalam, Dr.Theresa Cenate C F, Dahlia Sam	957
169	"Designing a Lightweight IoT Authentication Protocol for Resource-Constrained Devices" Nandhini T, Latha R	962
170	"Designing a Novel Acoustic Communication System for High-Speed Underwater Data Transmission" Kumbala Pradeep Reddy, Kodali Anuradha, Himanshu Sharma, Ms.S.Ananthi, Mohammed Al-Farouni, Dr.Shekaina Justin	967
171	"Developing a Bio-Inspired Algorithm for Cooperative Exploration by Swarm Underwater Robots" Haider Alabdeli, A Niramal kumar, Aadi Nagender, Dr.S.Subburam, Neeraj Varshney, Dr. Abhisha Mano	971
172	"Developing a Scalable IoT Architecture for Precision Agriculture Using Edge Computing" P Varaprasad Rao, Neeraj Varshney, Dr. N.Kalyana Sundaram, B.Kishore, Saif O. Husain, Dr. N.Kanys	976
173	"Developing an Efficient Image Encryption Algorithm for Secure Data Transmission in Healthcare Systems" Hassan Mohamed Ali, P Niranjana Reddy, S. Govinda Rao, Krishna Kant Dixit, Dr. G.B.Santhi, Srinivasa Reddy Kurukuntla	981
174	"Energy-Efficient IoT Data Aggregation Framework Using Low-Power Wide-Area Networks" K.Niranjana Reddy, Aasheesh Shukla, Dr S Sivasubramanian, Gangadharan Rajappa Sakthidharan, Layth Hussein, R. Vaishnavi	986
175	"Hybrid Neural Networks for Enhanced Image Super-Resolution Using Multi-Scale Features" P Varaprasad Rao, Arokia Jesu Prabhu Lazar, Ammar Hameed Shnain, Saloni Bansal, Ms. Monisha Jothi.R, Dr. Niranjana Murthy M	991
176	"Real-Time Water Quality Monitoring Using Autonomous Underwater Vehicles with Embedded AI" Muntather Almusawi, Gajula Ramesh, K. Haripal Reddy, Ms M Devi, Yogendra Kumar, Dr.Y.Mary Reeja	996
177	"Secure and Scalable Quantum Key Distribution Protocol for Next-Generation Networks" Hassan M. Al-Jawahry, Dharmapuri Siri, P Divya, Dr.T.Saravanan, Anjani Kumar Rai, Dilli Ganesh V	1001
178	"Sparse Representation-Based Image Reconstruction for Faster MRI Processing" Layth Hussein, Sanjeeva Polepaka, A Mruthyunjayam, Arti Badhoutiya, Dr. G.Simi Margarat, S.Kerthy	1006
179	"Smart Video Detection: Deep Learning for Enhanced Home Security" Dr. A Christy Jeba Malar, Dineshkumar M, Gokul A, Hemanthkumar M G	1011
180	"Feature Selection for Disease Prediction in Medical Diagnosis Using Machine Learning" K.Devendran, P.Keerthika, C.Sagana, A.Abinaya, M.Sangeetha, R.Karuppuchamy, R.Bhuvaneshwari	1017

181	"Exploring a Novel Neuroplexus Learning Framework (NLF) Approach for MRI Image Analysis" T. Haripriya, Dr.K.Dharmarajan	1022
182	"Developing a Strategy for Vehicle Pollution Reduction" Sathananthavathi V, Sushilkumar M, Dhanabalan	1027
183	"Enhanced Approach of Face Recognition in Home Security Using Deep Learning Techniques" Mr D. Anandan, Sambath Kumar K R, Sugadev P, Srihari G A, Surya B	1032
184	"Vegetable Supply Chain Using Smart Contract" Mr S. Arivarasan, Nithish D, Rahul P, Senthurvel K, Venu Aravind	1038
185	"Smart Hydroponic Farming Using An Android Based Mobile Application" Mrs. Tupili Sangeetha, Vijay R, Santhosh D, M Ysaswini	1042
186	"Automated Pneumonia Detection Using Manta Ray Optimizer with Deep Learning Approaches" M M Sabareesh, Fidin Sabri Shahin, M Senthil Raja	1047
187	"Advancements in Biometric Security: Machine Learning Approaches" Syed Faisal Amanulla, Vignesh T, Shaik Khadeer Basha, Tiparani Manikanta Sai Pavan	1054
188	"Alzheimer's Disease Segmentation" K. Suresh Kumar, J. Anguprath, M. Dhanush Adithya, K. Gayathri	1058
189	"Improving Dog Breed Classification Performance through Stacked Deep Learning Models with Imbalanced Data" R. Srinivasan, S. Iniyan, C. Santhanakrishnan, R. Subash, Pradeep Sudhakaran	1062
190	"Prediction of Transposon Insertion Sites in the Human Genome Using Deep Learning Techniques" Preeti P., Mihir Nakul, Abhishek Singh, Chhavi Dudeja, Kanishka, Kamal Rawal	1067
191	"Machine Learning based Self Identification of Mental Health" Ms. S. Poornima, R. Agalya, M. Gayathri, A. Hari, Sudharsan S	1072
192	"A wandb based corrosion detection of metals through live video analytics" John Deva Prasanna D S, Kuruvella Sai Neeraj, G. Jaya Krishna	1078
193	"Evaluating door quality using CAE analysis and a LabView-controlled pneumatic system" Sredha Beena Pramod, Kuruvella Sai Neeraj, Vineetha M, Pramod Sreedharan	1084
194	"Classification of PCOS in ultrasound images using deep learning methods" Jency Sharmila M, Sharmila P, Sivasakthi P, Dr. M. Tamilnidhi	1089
195	"Renal Cyst Detection using Deep Learning" Dhanalakshmi Velusamy, Harish U, Lingesh P, Kaviyarasan P, Cyril Poornaraj J, Prem D, Sharan K	1093
196	"Blockchain Powered Healthcare DAPP for Secure EHR Management" Dr. Mythili R, Anirudh Adithya B S, Sai Madhavan R P, Kirubanithi M	1098
197	"Flood Forecasting" Jalaline Kirubavathy K, Thulasi Bai V	1104
198	"Smart Cradle System" Venkata Sai Chandana Kakarla, Visheshwar Rao Sreekakulapu, Narisetty Manasa, Pooja Kenchetty	1109
199	"SMART INTELLIGENT CONTROL APPLICATION USING QUANTUM COMPUTATION AND MACHINE LEARNING" Amit Singh, Dr. Roop Ranjan, Alok Kapil, Ravi Govil, Prabhat Raghav	1113
200	"Combining Federated Learning and Blockchain for Enhanced Traceability in Agricultural Supply Chains" Nuthanakanti Bhaskar, Dr. G.Simi Margarat, Mohammed Al-Farouni, Krishna Chythanya Nagaraju, Rakesh Kumar, K krishnakumar	1120
201	"Cybersecurity Approaches to Preventing Counterfeiting in Digital Products" Javvadi Lakshmi Prasanna, SUMA S, Dr S Sivasubramanian, Zaid Alsalami, Saloni Bansal, K krishnakumar	1126
202	"Digital Twins for Real-Time Supply Chain Visibility and Optimization" Haider Mohammed Abbas, Voruganti Naresh Kumar, Ashlin Deepa R N, Saloni Bansal, R. S.Senthil kumar, K krishnakumar	1132

203	"Blockchain-Based Smart Contracts for Sustainable Supply Chain Practices" Dr.T.Saravanan, Gajula Ramesh, Ramy Riad Hussein, Saloni Bansal, Y. Lakshman Kumar, K krishnakumar	1138
204	"Smart Contracts on Blockchain for Transparent Supply Chain Transactions" Kanchan Yadav, Dr M.Jasmin, G. Srikanth, Ammar H. Shnain, Kodali Anuradha, K krishnakumar	1144
205	"Leveraging Smart Contracts for Automated Counterfeit Prevention in E-Commerce" Dr. Bagam Laxmaiah, Dr.S.Subburam, Ramy Riad Al-Fatlawy, Jajimoggala Sravanthi, Himanshu Sharma, Dr Gnanajeyaraman Rajaram	1150
206	"Artificial Intelligence Techniques for Real-Time Detection and Prevention of Counterfeit Products" Ammar Hameed Shnain, K Srinivas, Dr.S.Senthil kumar, Arti Badhoutiya, Gummagatta Yajaman Vybhavi, Dr Gnanajeyaraman Rajaram	1156
207	"Machine Learning Approaches to Improve Visibility in Global Supply Chains" Muntather Muhsin Hassan, S. Rao Chintalapudi, Kodali Anuradha, Himanshu Sharma, Dr.Theresa Cenate C F, Dr Gnanajeyaraman Rajaram	1161
208	"Smart Sensors and RFID for Real-Time Asset Tracking and Supply Chain Visibility" Hassan Mohamed Ali, Y. Krishna Bhargavi, Suraya Mubeen, Kanchan Yadav, Ms.S.Ananthi, Dr Gnanajeyaraman Rajaram	1167
209	"AI-Driven Provenance Tracking for Mitigating Fraud in E-Commerce Platforms Using Neural Networks" Avala Raji Reddy, Dr. P.B.Edwin Prabhakar, Mohammed Al-Farouni, Errabelli Annapoorna, Aasheesh Shukla, Dr. Neelam Sanjeev Kumar	1172
210	"A Predictive Analytics Approach to Traceability in Digital Forensics Using Time Series Analysis" K Srujan Raju, Dr.R.Ahila, Mohammed Al-Farouni, Gotlur Karuna, Kanchan Yadav, Dr. Neelam Sanjeev Kumar	1178
211	"Anomaly Detection in Provenance Data Using Autoencoder Network" Voruganti Naresh Kumar, Ms. Monisha Jothi.R, Mohammed Al-Farouni, Dharmapuri Siri, Arti Badhoutiya, Dr. Neelam Sanjeev Kumar	1184
212	"Enhancing Pharmaceutical Supply Chain Visibility Using IoT and Blockchain" Mohammed Hussein Fallah, K Srujan Raju, Dr. R. Venkatasubramanian, Saloni Bansal, Rajireddy SOUJANYA, Dr. Neelam Sanjeev Kumar	1190
213	"Deep Reinforcement Learning for Dynamic Compliance Management in Blockchain Supply Chains: An LSTM Perspective" Jinugu Ranjith, Mohammed Al-Farouni, Ms.R.Anitha, Ediga Poornima, Kamal Sharma, Dr. Neelam Sanjeev Kumar	1196
214	"The Role of Smart Contracts in Revolutionizing Supply Chain Finance with Blockchain" Rakesh Kumar, N.Surekha, Cherukupalli Mallikarjuna Rao, Ramy Riad Al-Fatlawy, Ms. P.Bhuvaneshwari, Lakshmi Raja	1201
215	"Real-World Implementations: Case Studies of Blockchain Revolutionizing Supply Chain Finance" Ms.S.Ananthi, Krishna Kant Dixit, Najeema Afrin, Muntather Muhsin Hassan, Gajula Ramesh, K. Sivalingam	1206
216	"Optimizing Regulatory Compliance in Supply Chains with Blockchain and Gaussian Process Regression" D.Tulasiram, Ms. S. Kanmani Jebaseeli, Myasar M. Adnan, Arelli Madhavi, Neeraj Varshney, Nandhini T J	1211
217	"Integrating Supply Chain Finance into Blockchain-Based Supply Chain Management Systems" Ms. G. Vijayakumari, Dharmapuri Siri, Ashish Sharma, Ramy Riad Hussein, D Maneiah, Uganya G	1216
218	"Enhancing Supply Chain Regulatory Compliance with Blockchain and Lasso Regression Integration" Vivekanand Aelgani, Ms.E.Jothi, Ramy Riad Hussein, Banoth Ramesh, Himanshu Sharma, Uganya G	1222

219	"The Rise of Decentralized Finance (DeFi) in Supply Chain Financing: A Blockchain Perspective" Kanchan Yadav, Princy Joseph, Gangadharan Rajappa Sakthidharan, Myasar Mundher Adnan, Ms. V.Thirumani Thangam, Dr.Sudha Arogya Mary Chinthamani	1228
220	"Leveraging Blockchain Smart Contracts for Transparent Supply Chain Management" Rohit Agarwal, Dr.R.Dhilipkumar, Aadi Nagender, Vankudothu Malsoru, Muntather Muhsin Hassan, Dr.M.Jenifer	1233
221	"Machine Learning Applications for Enhancing Regulatory Compliance in Blockchain-Based Supply Chains" Abdul Subhani Shaik, Ms. M.Mahima, Jajimoggala Sravanthi, Hassan Mohamed Ali, Rohit Agarwal, Dilli Ganesh V	1239
222	"Blockchain Compliance in Supply Chain Regulations: A Comprehensive Overview" Mrs.Thamizhkani.B, Neeraj Varshney, Gundavarapu Mallikarjuna Rao, Mohammed Hussein Fallah, Adepu Kiran Kumar, Nandhini T J	1244
223	"Graph Neural Networks for Interoperability Solution in Decentralized Finance (DeFi) Ecosystem" Mrs.R.Revathi, Kamal Sharma, Gundavarapu Mallikarjuna Rao, Ammar H. Shnain, Maughal Ahmed Ali Baig, Nandhini T J	1249
224	"Deep Learning Techniques for Overcoming Interoperability Challenges in Smart Grid Systems" Ms M Devi, Anjani Kumar Rai, Avala Raji Reddy, Gogineni Neelima, Saif Obaid, Senthilnathan Chidambaranathan	1254
225	"IoT-Based Environmental Monitoring Systems for Ensuring Sustainable and Ethical Sourcing" Ms.G.Sheeba, Jonnadula Narasimharao, Krishna Kant Dixit, Gajula Ramesh, Hassan Mohamed Ali, Srinivasa Rao Sura	1260
226	"ML-Driven Predictive Analytics to Anticipate Market Trends in Sustainable and Ethical Sourcing" Rohit Agarwal, Vivekanand Aelgani, Ms. Anita Sofia Liz.D.R., Karibandi Venkata Sai Lakshmi, Haider Alabdeli, G. R. Vijayshankar	1266
227	"Automated Payment Solutions in Supply Chains Using Smart Contracts" Rohit Agarwal, Dr.G.Durgadevi, Zaid Ajzan Balassem, Dharmapuri Siri, Dr Mahesh Kotha, Dilli Ganesh V	1271
228	"A Novel Routing Protocol for UWSNs Based on Integrated Simulated Annealing and Sine Cosine Algorithm" Rohit Agarwal, Dr.T.Saravanan, Hassan Mohamed Ali, B.Premalatha, Samyuktha P, Dr.P.S.Ramesh	1276
229	"Adaptive Self-Healing in Mobile Networks Using Levy Flight-Based Bat Algorithm" Kanchan Yadav, Kathi Chandra Mouli, G.Saritha, Ms.A.Spandana, Haider Mohammed Abbas, Nimmy Lazer	1281
230	"AI-Powered Blockchain Systems for Real-Time Fraud Detection in Financial Services" Mohammed Hussein Fallah, Dharmapuri Siri, G Ravi Kumar, Ms .G.Sheeba, Himanshu Sharma, Dr.A.Devendran	1287
231	"Applying Multi-Layer Perceptrons (MLP) for Demand Forecasting in Supply Chain Management" Sreejyothsna Ankam, Dr.G.Durgadevi, Rakesh Kumar, Bathula Mounika, Zaid Alsalami, Dr. Niranjanamurthy M	1292
232	"Automated Lung Cancer Diagnosis Using Vision Transformers (ViT) on CT Scan Data" Rohit Agarwal, B. Gayathri, Cherukupalli Mallikarjuna Rao, Zaid Alsalami, Ms. Monisha Jothi.R, K.Jaya Deepthi	1298
233	"Classifying Atrial Fibrillation Using Deep Residual Networks (ResNet) on ECG Signals"	1303

	Aasheesh Shukla, Sreejyothsna Ankam, Layth Hussein, Dr.G.Durgadevi, Ashwini S, P.Arunachalam	
234	"Cloud-Based Marketing Analytics Using Apache Flink for Real-Time Data Insights" Sanjeeva Polepaka, Saloni Bansal, Ramy Riad Al-Fatlawy, Dr.S.Subburam, Prince Premjit Lakra, Saibabu Neyyila	1308
235	"Crime Scene Reconstruction Using 3D Convolutional Neural Networks (3D-CNNs)" Ramy Riad Hussein, Aman Sharma, Dr. P.B.Edwin Prabhakar E.Krishnaveni, K Monica Sowmya, M. Ravikiran	1314
236	"Detecting Anomalies in IoT Sensor Data with Robust Principal Component Analysis (RPCA)" Kamal Sharma, Jajimoggala Sravanthi, B.K.Chinna Maddileti, S. Sivakami, Laith H. Alzubaidi, Dr.Y.Mary Reeja	1319
237	"Multi-Agent Systems for Distributed Control in IoT-Enabled Smart Manufacturing" Laith H. Alzubaidi, Lahari Mekala, Dr. S.Senthil Kumar, Rakesh Kumar, C.Gouri Sainath, S.B.Prakalya	1324
238	"Blockchain-Driven Compliance Assurance in Supply Chains: Leveraging Reinforcement Learning Techniques" Mr.K. Sarathy, Kanchan Yadav, Voruganti Naresh Kumar, Haider Mohammed Abbas, Nagaraju Krishna Chythanya, Dr. Niranjnamurthy M	1329
239	"Enhancing Financial Data Traceability Using Graph Neural Networks for Provenance Methods" Gudapalli Karuna, Dr. G.B.Santhi,Professor, Mohammed Al-Farouni, G Vinoda Reddy, Aasheesh Shukla, Chintamani Prasad Patnaik	1334
240	"Leveraging Smart Contracts for Automated Freight and Logistics Management" Myasar M. Adnan, Bh. Prashanthi, Modugula Siva Jyothi, Arti Badhouthiya, Ms M Devi, K. Nagesh Reddy	1340
241	"Blockchain-Based Smart Contracts for Enhancing Supply Chain Transparency" Ashish Sharma, Dr.R.Padmavathy, Saif Obaid, Talupuri Aswini Devi, Chikati Madhava Rao, Chintamani Prasad Patnaik	1345
242	"Boosting Supply Chain Transparency with Blockchain and Smart Contracts" Rakesh Kumar, Dr.V.Mangaiyarkarasi, Gajula Ramesh, Sudha Arvind, Mohammed Hussein Fallah, Dr. Niranjnamurthy M	1351
243	"Developing a Blockchain-Based Decentralized Application for Real Estate Transactions" Ms.M.Suganya, Karanam Madhavi, Kanchan Yadav, Dr Kishore Kumar M, Haider Mohammed Abbas, Nukanaboyina Ganesh	1356
244	"Leveraging Blockchain Smart Contracts for Transparent Supply Chain Management" Rohit Agarwal, Dr.R.Dhilipkumar, Aadi Nagender, Vankudothu Malsoru, Muntather Muhsin Hassan, Sabira	1361
245	"VR/AR System Interchangeability: A Data-Driven Method for Better Integration and Reliability" Ms. S. Sivakami, Ashlin Deepa R N, Himanshu Sharma, K Shilpa, Myasar M. Adnan, Reddykonda Thrisha	1366
246	"Deep Reinforcement Learning for Addressing Interoperability Challenges in Disaster Management Systems" V.Hemamalini, Gajula Ramesh, Neeraj Varshney, G.Pavan Kumar, Zaid Ajzan Balassem, T. Aravind	1371
247	"IoT-Enabled Predictive Maintenance for Sustainable and Ethical Sourcing Assurance" V Narasimha, Kanchan Yadav, Ms.U.Esakkiammal, Dupakuntla Ushasree, Muntather Almusawi, S. Mani Deepthi	1376
248	"Enhancing Cloud Storage Security with Homomorphic Encryption and ML-Based Access Control" Ammar H. Shnain, Neeraj Varshney, Sana Afreen, Ms.M.Suganya, Bulipe Sankara Babu, T. Aravind	1381

249	"Privacy-Preserving Data Aggregation in IoT Networks Using Homomorphic Encryption" Ammar H. Shnain, P. Sruthi, Dr.S.Subburam, Rohit Agarwal, M.Naga Kavya Kalyani, Mohammad Jeelani	1387
250	"Improving Organizational Decision-Making Using Random Forests and Big Data Analytics" P. Sruthi, Krishna Kant Dixit, Bantu Mahesh, Dr.R.Padmavathy, Muntather Almusawi, Dr. Niranjanamurthy M	1392
251	"Leveraging Blockchain for Secure IoT Device Communication in Smart Cities" Saif Obaid, Ashish Sharma, S.Muthu Balaji, Dr.V.Mangaiyarkarasi, Nagaraju Krishna Chythanya, Praveenkumar C	1398
252	"Leveraging Recurrent Neural Networks (RNN) for Workforce Planning and Optimization" Santoshi Kumari Machikuri, Kanchan Yadav, Myasar Mundher adnan, Pokala Krishnaiah, Dr. S.Subburam, K. Sambath Kumar	1403
253	"Leveraging Generative Adversarial Networks for Synthetic Financial Data Generation" V.Manasa, Neeraj Varshney, Hassan M. Al-Jawahry, Bopparam Sampath Kumar, Dr. P.B.Edwin Prabhakar, B. Arun Kumar	1409
254	"Long Short-Term Memory (LSTM) Networks for Real Options Analysis in Strategic Investment Decisions" Zaid Ajzan Balassem, Kamal Sharma, Dr. P.B.Edwin Prabhakar, Karuna Gudapalli, B.Sujani, Krishnaraj Rao N S	1415
255	"Transforming Healthcare: Harnessing the Power of Machine Learning for Disease Diagnosis and Management" Ashutosh Srivastava, Akash Singh, Prabhawa Singh, Divya Srivastava, Madhushi Verma, Sahil Garg	1421
256	"IoT Based Anti-Theft Floor Mat System" Nitish Kumar Jha, Rohit Singh, Nagendra Kumar	1427
257	"Ensuring the Long-term Security of Medical Records: Utilizing Blockchain and Sophisticated Encryption Methods" Divya K, V. Nagaraju	1432
258	"Solar Power Based Automatic Lawn Mower" Ramizul Hoda, Bhaskar Kashyap, Ankit Yadav, Priyanka Datta	1438
259	"IOT BASED HEALTH MONITORING SYSTEM" Kailash Sharma, Vaibhav Tripathi, Praneet Shankar, Sanjeev Yadav	1444
260	"Recent Trends In Sign Language Detection System Using Machine Learning Algorithms" Keshav Sharma, Naman Jain, Adarsh Upadhyay, Annu Mishra, Ravi Prakash Chaturvedi, Jyoti Pruthi	1449
261	"In-Depth Exploration of The Multifaceted Landscape of Emotion AI: From Education and Workplace to Psychiatry" Nidhishree M S, Dr. Amutha S, Dr. Ramesh Babu D R, Dr. Anupama Girish	1456
262	"Intelligent Real-Time Thermal Monitoring System for Industrial Environments Using Machine Learning and Thermal Imaging" Gracy Gupta, Kanishka Agarwal, Malika Garg, Mohd Asjad Raza Ansari, Rajesh Prasad	1464
263	"A Survey on Transforming Blood Smear Analysis using Deep Learning" Mr.Nithin kumar U, Dr.Dheeraj D	1470
264	"Multi Layered Defense Architecture for DDoS Protection in Private Cloud Environments" Shashwat Singh, Anubha Sharma, Shani Soni, Ayushi Prakash	1476
265	"Using Machine Learning to Identify Autism Spectrum Disorder Across All Ages" Anil Kumar, Umesh Chandra Jaiswal	1482
266	"Integration of Computer Vision Systems in Robotics and Industry 4.0" Vikas, Rajesh Prasad, Santosh Kumar Upadhaya, Amit Kumar	1492

267	"Deception Discernment using Audio and Micro-expressions" Akhil Kumar Elango, Chaitanya Padala, Praneeth Reddy, Vikas Reddy, Priya Badrinath	1498
268	"Deep Learning-Based Paddy Disease Identification Using Light Weight CNN" Santosh Kumar Upadhyay, Vikas, Rajesh Prasad, Muskan Jain	1502
269	"Network Malaria Model on Account of Wide Communication" Padmaja Tripathi, Harish Chandra, Ramkeval	1507
270	"Designing a Lightweight IoT Authentication Protocol for Resource-Constrained Devices" Mohit Saxena, Swapnil Srivastava, Vijay Kumar Dwivedi, Roshan Chitranshi, Pradeep Kumar Mishra	1512
271	"A Review on QoS based Protocols in Wireless Sensor Network" Ashok Kumar Rai, Manu Singh, Vinay Dwivedi, Abhishek Kumar Pandey, Anjali Kapoor	1518
272	"Harmonizing Tradition with Innovation: A Deep Learning-Powered Personalized Erhu Teaching Experience" Amit Sharma, Ajay Yadav, Honey Singh, Vibhav Ranjan, Neeraj Joshi, Dibyanarayan Hazara	1524
273	"IoT-Enabled Intelligent Aquarium System for Real-Time Monitoring and Automated Control" Swapnil Kumar, Abhinav Pal, Dr. R. K. Chauhan, Prashant Pandey, Dr. Rajan Mishra	1529
274	"FPGA-Based SoC Design with CORDIC-POSIT Arithmetic for Efficient IoT Data Processing" Suryadev Singh, Babita Jajodia	1534
275	"BLOCKCHAIN BREAKTHROUGH: A REVIEW OF ITS ROLE IN MODERN TECHNOLOGY" Sameer Asthana, Ravi Prakash Chaturvedi, Annu Mishra, Poorva Nayyar, Md. Shaliyar	1540
276	"Optimizing Urban Parking Management: A Sensor-Driven, Software-Integrated Approach for Enhanced Efficiency and Sustainability" Saumya Singh, Sourabh Kumar, Prashant Pandey, Dr. D.K.Tripathi, Dr. Ravi Prakash Tripathi	1546
277	"Spam Detection Using Firefly Optimization Technique" Shashank Srivastav, Alok Gupta, Laxman Singh, Rajesh Kumar Singh, Kanak Tripathi, Anshu Kumar Dwivedi	1552
278	"CNTFET-based SRAM cell Designing and Analysis by using Verilog-A code" Archana Anand, Saurabh Kumar , R.K. Chauhan	1558
279	"Smart Health Band for Epilepsy and Seizure, Fits Detection with Alert System and Live Location using IoT and Cloud Computing" Vishal Bind, Aditya Kirti Sharma, Kavita Mishra, Prashant Pandey, Jayprakash, Amreesh Tiwari	1563
280	"Empowering Urban Illumination: Intelligent Street Lighting Android, Firebase, LoRa Wan and Control Card" Abhishek Pandey, Ankit Pandey, Abhinav Pal, Prashant Pandey, Dr. Himanshu Katiyar, Dr. Ravi Prakash Tripathi	1570
281	"Applications and Use Cases of Internet of Things (IoT) with Case Study" Bhawna Khokher, Pramod Singh, Shivam Chaudhary, Neeraj Joshi, Vineet Vishnoi	1575
282	"Credit Card Fraud Detection Using Machine Learning Techniques" Arjun Singh, Dr. Sachin Singh, Piyush Rastogi, Madhav P Namdev, Bala Shiwangi, Arun Kumar Singh	1582
283	"Feature Extraction in Image Processing using Medical Scans: Detailed Survey" Tanu Singh, Manu Singh, Urvashi Sugandh, Arvind Panwar	1587

284	"A Comprehensive Study Of Plant Disease Detection Through Image Processing And Machine Learning" Madan Pachori, Shashi Kant, Anupma Surya, Manish Kumar	1593
285	"Analysing for Impact of Neutral Sentiments for Enhancing Quality of Services" Roop Ranjan, Ranjeet Singh, Roshan Shukla	1598
286	"Machine Learning Models for Heart Disease Prediction: Balancing Accuracy and Transparency" Sukriti Gupta, A Tripathi, Chaynika Srivastava	1605
287	"Comprehensive Review of Challenges and Advances in Intrusion Detection for Smart Grid Systems" Gaurav Vinchurkar, Vimal Kumar	1612
288	"Deep Learning Approach to Analyze and Review of Stock Market Prediction" Mani Jindal, Ankush Goyal, Neeraj Joshi, Seema Jogad	1620
289	"Enhancement of Data Security using Edge-Preserving Image Interpolation for Reversible Data Hiding" Supriya Pandey, Shrawan Kumar Pandey, Abhinandan Tripathi	1625
290	"Comprehensive Review of Electric Vehicle Charging Infrastructure Vulnerabilities and Defense Against Malicious Attacks" Rahul Anjana, Vimal Kumar	1631
291	"Predicting Voter Behaviour Through AI Techniques" Ruchi Kaushik, Prateek Rawat, Palak Hooda	1639
292	"A Contemporary Review of Interpolation-based Reversible Data Hiding" Supriya Pandey, Shrawan Kumar Pandey, Abhinandan Tripathi	1646
293	"A contemporary review of machine learning-based heart disease prediction" Sukriti Gupta, A Tripathi, Chaynika Srivastava	1654
294	"128-bit Asynchronous Gray Code FIFO using Verilog HDL" Abhishiek Shukla, Jyotsana Singh, R.K Chauhan	1660
295	"Low Power SRAM cell Design Using MTCMOS and Stacking Techniques" Vinay Kumar, Netesh kumar Sharma, Shubhra Srivastava, Saurabh Kumar, Prashant Pandey, R.K.Chauhan	1665
296	"IOT based malaria website model using Digital Binary Code: A Mathematical study" Padmaja Tripathi, Harish Chandra, Ramkeval, Kundan Singh, Atul kesarwani	1671
297	"A Unified Approach for Selection of Optimal Relay Node in Cooperative Communication Environments" Vijay Kumar Verma, Arun Kumar Mishra, Arvind Kumar Pandey	1677
298	"Energy-Efficient Optimal Power Allocation in Cooperative NOMA Communication Systems" Vijay Kumar Verma, Arun Kumar Mishra, Arvind Kumar Pandey	1683
299	"Performance Analysis of Energy Efficient in Smart City Using Internet of Things" Anurag Dwivedi, Vaibhav Tripathi, Vidhi Dubey, Prajval Gupta, Ashutosh Awasthi, Jyoti Yadav	1688