

Second International Conference on IoT, Communication and Automation Technology (ICICAT 2024), Buddha Institute of Technology Gorakhpur (UP), India
ICICAT 2024 CONFERENCE SCHEDULE: NOV 23-24, 2024 (Saturday-Sunday) (Hybrid Mode)

Day 1 (23-11-2024): Saturday (Offline)	
9:00 AM – 10:30 AM	<p style="text-align: center;">Inaugural Function</p> <p style="text-align: center;">Offline Venue – BIT Seminar Hall, Block 2</p> <p style="text-align: center;">Virtual Zoom Link - https://us06web.zoom.us/j/86765578173?pwd=1VEce8o16Tgukjb0RaUgBL2cQqybW5.1 Meeting Id- 867 6557 8173</p>
10:30 AM – 11:30 AM	<p style="text-align: center;">Keynote 1 Prof. (Dr.) Kumar Krishen Adjunct Professor, University of Houston, USA Chief Technologist, NASA, Johns Space Centre</p> <p style="text-align: center;">Offline Venue – BIT Seminar Hall, Block 2</p> <p style="text-align: center;">Virtual Zoom Link - https://us06web.zoom.us/j/86765578173?pwd=1VEce8o16Tgukjb0RaUgBL2cQqybW5.1 Meeting Id- 867 6557 8173</p>
11:30 AM – 12:00 Noon	<p style="text-align: center;">High Tea</p>
12:00 PM - 01:00 PM	<p style="text-align: center;">Keynote 2 Dr. Jai Govind Singh <i>Associate Professor, Asian Institute of Technology, Thailand</i></p> <p style="text-align: center;">Offline Venue – BIT Seminar Hall</p> <p style="text-align: center;">Virtual Zoom Link - https://us06web.zoom.us/j/86765578173?pwd=1VEce8o16Tgukjb0RaUgBL2cQqybW5.1 Meeting Id- 867 6557 8173</p>
01:00 PM - 01:45 PM	<p style="text-align: center;">Lunch</p>
01:45 PM - 02:45 PM	<p style="text-align: center;">Keynote 3 Dr. Dipti K. Sarmah <i>Docent</i> <i>University of Twente, The Netherlands</i></p> <p style="text-align: center;">Offline Venue – BIT Seminar Hall</p> <p style="text-align: center;">Virtual Zoom Link - https://us06web.zoom.us/j/86765578173?pwd=1VEce8o16Tgukjb0RaUgBL2cQqybW5.1 Meeting Id-867 6557 8173</p>
02:45 PM – 5:00 PM	<p style="text-align: center;">Session – 01 (Offline)</p> <p style="text-align: center;">Paper Ids - 1060, 35, 1167, 1049, 420, 1042, 3, 1177,1184</p>
5:00 PM – 7:00 PM	<p style="text-align: center;">Session – 02 (Offline)</p> <p style="text-align: center;">Paper Ids - 34, 1175, 1064, 1178, 1037, 1065, 4, 539</p>
7:30 PM Onwards	<p style="text-align: center;">Musical Night & Gala Dinner</p>

Second International Conference on IoT, Communication and Automation Technology

Day 1 (23-11-2024): Saturday (Online)								
11:30 AM – 1:30 PM	Session – 05 (Online) 261, 190, 94, 95, 98, 104, 424, 722	Session – 06 (Online) 191, 333, 181, 165, 166, 174, 270, 1032	Session – 07 (Online) 193, 330, 334, 172, 171, 177, 751, 801	Session – 08 (Online) 175, 53 ,59 ,62 ,110, 623, 428, 1082	Session – 09 (Online) 109, 118, 121, 122, 127, 128, 712, 1036	Session – 10 (Online) 180, 331, 52, 61, 64, 76, 780, 786	Session – 11 (Online) 67, 92, 103, 107, 113, 163, 750, 313	Session – 12 (Online) 644, 1055, 221, 637, 436, 408, 362, 579
02:30 PM – 4:00 PM	Session – 13 (Online) 136, 138, 139, 141, 144, 147	Session – 14 (Online) 85, 97, 100, 101, 106, 115	Session – 15 (Online) 116, 135, 145, 614, 615, 617	Session – 16 (Online) 409, 410, 956, 734, 738, 388	Session – 17 (Online) 157, 609, 162, 647, 648, 783	Session – 18 (Online) 125, 130, 148, 154, 156, 608	Session – 19 (Online) 406, 1033, 222, 486, 45, 443	Session – 20 (Online) 620, 621, 626, 631, 645, 731
04:30 PM – 6:00 PM	Session – 21(Online) 781, 229, 850, 717, 375, 759	Session – 22 (Online) 612, 618, 624 ,627, 628, 653	Session – 23 (Online) 650, 651, 36, 638, 641, 729	Session – 24 (Online) 1039, 1120, 1146, 572, 1081, 602	Session – 25 (Online) 772, 774, 632, 230, 784, 792	Session – 26 (Online) 124, 634, 635, 654, 726, 719	Session – 27 (Online) 857, 659, 716, 656, 642, 732	Session – 28 (Online) 865, 290, 43, 802, 573 ,569

Second International Conference on IoT, Communication and Automation Technology

Day 2 (24-11-2024): Sunday (Offline)	
10:00 AM – 11:00 AM	<p>Keynote 4 Mr. Desh Deepak Shahi <i>General Manager, Corporate Planning</i> <i>Nissan Motor Corporation, Dubai</i></p> <p>Offline Venue – BIT Seminar Hall</p> <p>Virtual Zoom Link - https://us06web.zoom.us/j/84871870856?pwd=CQeSkxG0ubwSDXXWwkVNuHF4MlXV2K.1 Meeting Id- 848 7187 0856</p>
11:00 AM – 11:30AM	<p>High Tea</p>
11:30 AM – 01:30 PM	<p>Session – 03 (Offline)</p> <p>Paper Ids – 1168, 1176, 434, 1143, 1025, 336, 18, 252</p>
1:30 PM – 2:30 PM	<p>Lunch</p>
02:30 PM – 04:30 PM	<p>Session – 04 (Offline)</p> <p>Paper Ids – 50, 386, 1144, 1148, 1169, 399, 1034, 189</p>
4:30 PM – 5:30 PM	<p>Closure Ceremony</p> <p>Offline Venue – BIT Seminar Hall</p> <p>Virtual Zoom Link – https://us06web.zoom.us/j/84871870856?pwd=CQeSkxG0ubwSDXXWwkVNuHF4MlXV2K.1 Meeting Id- 848 7187 0856</p>

Second International Conference on IoT, Communication and Automation Technology

Day 2 (24-11-2024): Sunday (Online)								
10:00 AM – 12:00 PM	Session – 29 (Online) 793, 858, 958, 1048, 150, 1043, 327, 301	Session – 30 (Online) 657, 660, 748, 720, 225, 728, 1007, 611	Session – 31 (Online) 739, 744, 745, 768, 765,762, 321, 561	Session – 32 (Online) 281, 566, 356, 307, 1145, 1149, 277, 322	Session – 33 (Online) 26, 197, 347, 359, 360, 275, 324, 280	Session – 34 (Online) 735, 736, 743, 747, 224, 757, 259, 795	Session – 35 (Online) 763, 56, 771, 777, 778, 790, 319, 303	Session – 36 (Online) 278, 852, 286, 294, 291, 300, 287, 328
12:00 PM – 2:00 PM	Session – 37 (Online) 760, 766, 769, 775, 196, 341, 315, 799	Session – 38 (Online) 798, 47, 962, 1030, 460, 309, 312, 723	Session – 39 (Online) 354, 357, 274, 284, 304, 306, 316, 325	Session – 40 (Online) 1089, 787, 789, 342, 350, 351, 310,318	Session – 41 (Online) 344, 345, 353, 283, 293, 725, 796,754	Session – 42 (Online) 297, 298, 194, 348, 1152,40,849,753		

Offline Mode

Session 1:			
Day 1 (23-11-2024)			
Saturday 2:45 PM – 5:00 PM			
Venue – BIT Seminar Hall, Block-2			
S. No.	Paper Id	Title	Authors
1.	1060	Enhanced CNTFET-based SRAM cell Designing and Analysis by using Verilog-A code	Archana Anand, Saurabh Kumar, R.K. Chauhan
2.	35	Federated Learning for Cybersecurity: A Promising Frontier	Ananya G, Bindu Madhavi V, Monisha Murthy
3.	1167	A Contemporary Review of Interpolation-based Reversible Data Hiding	Supriya Pandey, Shrawan Kumar Pandey
4.	1049	Optimizing Urban Parking Management: A Sensor-Driven, Software-Integrated Approach for Enhanced Efficiency and Sustainability	Saumya Singh, Dr. D.K. Tripathi, Sourabh Kumar, Dr. Ravi Prakash Tripathi, Prashant Pandey
5.	420	A Review of Methods and Sensors for Detecting Forest Fire	Shilpy Gupta, Vikash Kumar Mishra, Vipin Rai, Aksh Bishnoi
6.	1042	IoT-Enabled Intelligent Aquarium System for Real-Time Monitoring and Automated Control	Abhinav Pal, Prashant Pandey, Swapnil Kumar, Dr. R. K. Chauhan, Dr. Rajan Mishra
7.	3	Adaptable machine learning methods for a twitter followed recommendation system	Sandeep Yadav
8.	1177	A Unified Approach for Selection of Optimal Relay Node in Cooperative Communication Environments	Vijay Kumar Verma, Arun Kumar Mishra
9.	1184	Performance Analysis of Energy Efficient in Smart City Using Internet of Things	Anurag Dwivedi, Prajval Gupta,

Session 2:			
Day 1 (23-11-2024)			
Saturday 5:00 PM – 7:00 PM			
Venue – BIT Seminar Hall, Block-2			
S. No.	Paper Id	Title	Authors
1.	34	Enhancing Security in Communication Networks through Quantum Key Distribution	Vaishnavi V Purushottam, Meena S
2.	1175	Low Power SRAM cell Design Using MTCMOS and Stacking Techniques	Nitesh Kumar Sharma, Shubhra Srivastava, Vinay Kumar, Saurabh Kumar, Prashant Pandey
3.	1064	Smart Health Band for Epilepsy and Seizure, Fits Detection with Alert System and Live Location using IoT and Cloud Computing	Kavita Mishra , Aditya Kriti Sharma, Prashant Pandey, Jayprakash, Vishal Bind
4.	1178	Energy-Efficient Optimal Power Allocation in Cooperative NOMA Communication Systems	Vijay Kumar Verma, Arun Kumar Mishra
5.	1037	A Review on QoS based Protocols in WSN	Asok Rai
6.	1065	Empowering Urban Illumination: Intelligent Street Lighting Android, Firebase, LoRa Wan and Control Ca	Abhishek Pandey, Prashant Pandey, Ankit Pandey, Himanshu Katiyar, Abhinav Pal
7.	4	Multiple language discovery Abuse of Cyberspace with Advanced Transformer Architecture	Arvind Singh
8.	539	Design and Performance Analysis of Source Pocket Extended Gate Vertical Tunnel Field Effect Transistor	Kavindra Kumar Kavi, Gaurav Kumar, Manish Kumar Rai, Abhinav Gupta, Lavi Tyagi, K.K. Sharma

Session 3:**Day 2 (24-11-2024)****Sunday 11:30 AM – 1:30 PM****Venue – BIT Seminar Hall, Block-2**

S. No.	Paper Id	Title	Authors
1.	1168	A contemporary review of machine learning-based heart disease prediction	Sukriti Gupta
2.	1176	IOT based malaria model using Digital Binary Code: A Mathematical study	Kundan Singh, Atul Kesharwani Padmaja Tripathi, Harish Chandra, Ramkeval,
3.	434	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
4.	1143	Analysing Impact of Neutral Sentiments Analysis for Enhancing Quality of Services	Roop Ranjan, Mr. Ranjeet Singh, Mr. Roshan Shukla
5.	1025	Using Machine Learning to Identify Autism Spectrum Disorder Across All Ages	Anil Kumar, Umesh Chandra Jaiswal
6.	336	Advanced machine learning techniques for predicting water quality and river flow dynamics	Saksham Mishra
7.	18	Advancements and Implications of Artificial Intelligence in E-Learning: A Comprehensive Review	Ajay Kumar
8.	252	Evaluating the Performance of Naive Bayes vs. Decision Tree in Predicting and Forecasting Diabetes	Abhishek Shahi, Amitabh Wahi, Anshu Kumar Dwivedi

Session 4:**Day 2 (24-11-2024)****Sunday 2:30 PM – 4:30 PM****Venue - BIT Seminar Hall, Block-2**

S. No.	Paper Id	Title	Authors
1.	50	Development of Artificial Intelligence Based E-learning System	Ajay Kumar
2.	386	Analysis of an Elastically Restrained Column using Stiffness Matrix Method	Chandrasekar Putcha, Ravi Prakash Tripathi, Bhupendar Singh Rana, Alissa Persad, Brianna Mantz, Jorge Liviapoma
3.	1144	Machine Learning Models for Heart Disease Prediction: Balancing Accuracy and Transparency	Sukriti Gupta
4.	1148	Enhancement of Data Security using Edge-Preserving Image Interpolation for Reversible Data Hiding	Supriya Pandey, Shrawan Kumar Pandey
5.	1169	128-bit Asynchronous Gray Code FIFO using Verilog HDL	Abhishek Shukla, Jyotsana Singh, R.K Chauhan
6.	399	Image Steganography using F5 Algorithm	Vaibhavi Sushil
7.	1034	A Network Mathematical model for control of malaria through wide communication	Padmaja Tripathi, Harish Chandra, Ramkeva
8.	189	Diabetes Prediction in Healthcare Using CNN Algorithm	Abhishek Shahi, Amitabh Wahi, Anshu Kumar Dwivedi

Online Mode

Session 5: IoT

Day 1 (23-11-2024): Saturday 11:30 AM – 01:30 PM

Zoom Link : <https://zoom.us/j/93447194152?pwd=oCugAd2A1CJ7cACAV0y8o5DaL7O0Tm.1>

Link Meeting ID: 934 4719 4152

VENUE: CSE board room-313, Block 3

S. No.	Paper Id	Title	Authors
1.	261	Active Power Regulation Based Single-phase Grid-connected Solar-PV System	Raja P, Surya k, Ranjith Kumar J, Somasundaram PL
2.	190	Automated Toilet cleaning system	Mrs.Vidyalakshmi R, Sridharan D, Hariprasath J, Hritheekumar R
3.	94	Deep Learning Approaches for Air Quality Forecasting: An LSTM and CNN Perspective	Lakshmi.s, Krishnamoorthy. A
4.	95	A fog-assisted cloud computing architecture for healthcare monitoring applications using IoT	Dr. Abhijeet Madhukar Haval, Md Afzal
5.	98	IoT Based-Enhancing Banking Security with Multi-CNN Face Recognition	S Geetha, S Nivetha
6.	104	SIES Development for EOPMS Towards Industry 4.0	S Preethi, R Priyanka, V Priyanka, Omprakash Dewangan, Omprakash Dewangan
7.	424	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
8.	722	Smart Contracts on Blockchain for Transparent Supply Chain Transactions	K Krishnakumar

Session 6: Communication**Day 1 (23-11-2024): Saturday 11:30 AM – 01:30PM****Zoom Link – <https://zoom.us/j/94294358798?pwd=wjBaZAzdAl8xi4ecwaZEauab13zwLm.1>****Meeting Id: 942 9435 8798****VENUE: Lab 3, Room No. 306, Block 2**

S. No.	Paper Id	Title	Authors
1.	191	Identification Of Fake Indian Currency Using Deep Learning	Jakka Venkatesh, Katakam Nikhilesh, Dr. R. Rajalakshmi
2.	333	Machine Learning Approaches in Mining Genetic and Transcriptomic Data for Parkinson's Disease	S.A. ALLayith, Sadiq Naama Henedy, Nardin Abdel Sattar Muhammad, Madi Hashem Attiwi
3.	181	The Role of AI In Facilitating Multilingual Literacy and Cross-Cultural Understanding	Kundharu Saddhono, Muhammad Rohmadi, Try Annisa Lestar, Kaleb E. Simanungkalit, Indriyo K. Sukmono
4.	165	Navigating Narratives: Exploring Ai's Influence on English Literature	Khilola Sotvaldieva, Shakhnoza Usmonova, Zarnigor Khalilova, Shoir Nuritdinova, Azizakhon Kosimova
5.	166	Digital Dickens: AI and the Future of Classic Literature Interpretation	Dildora Ganiyeva, Navruza Aliyeva, Shakhloza Karimova, Islom Jurayev
6.	174	AI-Assisted Writing Tools: Enhancing Literacy and Language Proficiency	Ari Kusmiatun, Beniati Lestyarini, Ani Rakhmawati, Kundharu Saddhono
7.	270	Challenging Approaches and Methodologies in Data Integration: A Review	Priya Badarinath, Dr. Deepak G
8.	1032	Deception Discernment using Audio and Micro-expressions	Akhil Kumar Elango Chaitanya Padala Praneeth Reddy Vikas Reddy Priya Badrinath

Session 7: Automation**Day 1 (23-11-2024): Saturday, 11:30 AM – 01:30PM****Zoom Link – <https://zoom.us/j/92194797939?pwd=0JIDM1AifmNZ9HF9WNqNGFxcUPIxRE.1>****Link Meeting ID: 921 9479 7939****VENUE: Lab 1, Room No. 307, Block 2**

S. No.	Paper Id	Title	Authors
1.	193	Detection of Traffic Violation and Vehicle Number Plate Using Computer Vision	Jeevan Abishek H, Balavinodhan R, Dr. R. Rajalakshmi
2.	330	Modelling neurodegenerative diseases in transgenic systems: insights and innovations	S.A. ALLayith, Riad Abdull Retha, Abass Algurah, Ahmed Sadiq Farag, Zaid Alsalami, Osama Nazim Saadoun
3.	334	Towards a semantic medical internet of things: innovations and implications	R.A. ALLayith, Reem Hamdan Khaddour, Nabaa kareem Taaban, Ahmed Saadoun Hussein, Shams Al-Qaisy, Qasim Abdul Jabbar
4.	172	Artificial intelligence in language classrooms: improving engagement and outcomes	Igor Porubay, Gulnara Tashmatova, Shahnoza Akhmadjonova, Mokhigul Uktamova, Sarvarbek Kuziev, Mirjalol Mirzaakhmedov
5.	171	Ai-driven personalized learning: revolutionizing language education	Wati Istanti, Suseno, Santi Pratiwi, Kundharu Saddhono
6.	177	Ai in education: redefining language assessment and feedback mechanisms	Barno Mukhtorova, Mirdjalol Umidakhon Usmonova Mirzaakhmedov, Malika Ganiyeva, Umidakhon Usmonova Zakhro Mamadaliyeva Mukhammadali Samindjonov
7.	751	Graph Neural Networks for Interoperability Solution in Decentralized Finance (DeFi) Ecosystem	Santhosh S
8.	801	Leveraging Generative Adversarial Networks for Synthetic Financial Data Generation	Karthick T. Manikandan

Session 08: Special Session**Day 1 (23-11-2024): Saturday 11:30 AM – 01:30PM****Zoom Link – <https://zoom.us/j/96249932227?pwd=8tZlIam83BeLIPWJQuP5ZlZ7Kt9R6PO.1>****Link Meeting ID: 962 4993 2227****VENUE: Lab 5, Room No. 310, Block 2**

S. No.	Paper Id	Title	Authors
1	175	The future of literacy education: artificial intelligence and adaptive	Zilola Yigitalieva, Islom Dehqonov, Anora Mamatova, Asiya Zinatullina, Sobitjon Tulanov, Shakhlo Akbarova
2	53	Improving LLM and Generative Model Efficiency using Predictive Analysis	Anbumani P M.E, Vasantharaja R, Gokul M P, Roopesh V S, Hareesh S D
3	59	Smart digital electric meters for monitoring home appliances	Karthikeyan M, Divakaran M, Karthikeyan K, Karthikeyan S, Madhanraj M
4	62	Smart Water Quality Detector Using Arduino	Cibi Chakkaravarthe R K, Faizal A K, Gokul, M Tharaneetharan M, Mukuntharaj C
5.	110	A model for video anomaly detection using deep learning-based Recurrent Neural	Dr. Rajesh Keshavrao Deshmukh, Mohit Shrivastav, Research Scholar,
6.	623	Energy-Efficient IoT Data Aggregation Framework Using Low-Power Wide-Area Networks	Latha R, S. John Justin Thangaraj
7.	428	Scale-Invariant Feature Transform based Single-Sample Face and Ear Recognition	Vivek Tomar, Maroti Deshmukh, Nitin Kumar, Maheep Singh
8.	1082	Credit card fraud detection using machine learning	Arjun Singh, Dr. Sachin Singh Piyush Rastogi, Madhav P Namdev, Bala Shiwangi, Arun Kumar Singh

Session 09: IoT**Day 1 (23-11-2024): Saturday 11:30 AM – 01:30PM****Zoom Link** – <https://zoom.us/j/93183394737?pwd=RIz2LG1A9Lw9Zoa6I4myonbO85bRtv.1>**Link Meeting ID: 931 8339 4737****Venue: Lab 6, Room No. 311, Block 2**

S. No.	Paper Id	Title	Authors
1.	109	Safeguarding Online Interaction: Utilizing Machine Learning for Detection of Malicious Intent	Mrs. S. Kamali, Jeeva V, BharathKumar S, Harish R, Manoj M
2.	118	Optimizing Crop Yield Prediction for Agaricus Bisporus in Controlled Environment Using Machine Learning Technique	Dhanapriya. R, Kavipriya.T, Monica. R, Mythili. K
3.	121	Technological innovations in engineering education: A review of fundamentals and practices	Rajeev Kumar Bhaskar, Balasubramaniam Kumaraswamy
4.	122	Enhancing Cybersecurity through Advanced Keylogging Techniques	Sanjay K, J K Ratheesh, RR Johin, Krishnamoorthy A
5.	127	Enhanced Face Recognition Performance Through Convolutional Neural Networks	Dr. D.S. John Deva Prasanna, Dr. Ragupathi, Pratik Kumar
6.	128	Smart Farm Management Using Machine Learning	Mr. S. Prabakaran, Dharun T, Gowsik H, Anu Prakash K, Anu Prakash K
7.	712	Smart intelligent control application using quantum computation and machine learning	Amit Singh, Dr. Roop Ranjan, Alok Kapil, Ravi Govil, Prabhat Raghav
8.	1036	Minimizing End-to-End Latency in Edge Computing-Enabled IoT Networks Through Edge-to-Edge Resource Allocation	Mohit Saxena, Swapnil Srivastava, Vijay Kumar Dwivedi, Roshan Chitranshi, Pradeep Kumar Mishra

Session 10: Communication**Day 1 (23-11-2024): Saturday 11:30 AM – 01:30PM****Zoom Link –** <https://zoom.us/j/95164260668?pwd=Mbpls25KpwWskKEq4AYbkhEFCShpS4.1>**Link Meeting ID: 951 6426 0668****Venue: Lab 16, Room No-202, Block 2**

S. No.	Paper Id	Title	Authors
1.	180	AI And Literacy: Developing Critical Thinking and Analytical Skills in the Digital Era	Kundharu Saddhono, Raheni Suhita, Ani Rakhmawati, Muhammad Rohmadi, Indriyo K. Sukmono
2.	331	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, Nizar Abdel Ami
3.	52	The identification of health of heart through predictive ML based technique in integration with existing system	Mr. S. Prabakaran, Asst. prof, Harish S, Tamilselvan B, Praveen Kumar B, Gobinath B
4.	61	Smart helmet with automatic braking using IoT	Ms. P. Alaguvathana, Akash G, Anand R S, Arun Pranav A
5.	64	IoT Based Speed Control and Accident Avoidance Using Black Box	Mrs. R. Sugany, Sindhu K, Varshini V, Nidharshana B, Siva Prabha S
6.	76	Serial Driver Verification Driver Module using UVM	Raja Krishnamoort, B. Raghunadh, Ch. Bhanuprakesh, Vikash Mehta, Bhavesh Balaji Bm, M. Irshad Ahamed
7.	780	Enhancing Financial Data Traceability Using Graph Neural Networks for Provenance Methods	Dr Gnanajeyaraman Rajaram
8.	786	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

Session 11: Automation**Day 1 (23-11-2024): Saturday 11:30 AM – 01:30PM****Zoom Link –** <https://zoom.us/j/98981648234?pwd=r6hLbyswOPXQxOXNxrAJGLFgLeR6pr.1>**Link Meeting ID: 989 8164 8234****Venue: Lab 13, Room no. 401, Block 2**

S. No.	Paper Id	Title	Authors
1.	67	Tramline Surveil System Escorting Liability Observation and Localization	Ms. K. Bhavadharani, Dheepa M, Dharshini M, Banga Dharshini D, Dhivyabharathi N
2.	92	Eye detection wheelchair with smart monitoring using Deep learning in CNN	Mr. R. Muthuchelvan, Divagarvasu.P, Gopinath.S, Gokul Prasanth V, Gowtham.J
3.	103	Customer phycological behaviours analysis using ML algorithm to customise the service	Balaji Srikaanth P, Pradeep Sudhakaran, Shirisha K
4.	107	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,
5.	113	Android Application Development for Enhance Voice Based Learning to Visually Challenged People's	Mr. B. Srinivas, Sanjith P, Varun Kumar N, Vignesh R, Vigneshwar D
6.	163	Intelligent financial forecasting: a fusion of computer engineering and ai in accounting	Ismanov Ibromxim, Azizkhon Khojaev, Zebo Akhmalieva, Ulugbek Mekhmonaliev
7.	750	Blockchain Compliance in Supply Chain Regulations: A Comprehensive Overview	Santhosh S
8.	313	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

Session 12: Special Session**Day 1 (23-11-2024): Saturday 11:30 AM – 01:30PM****Zoom Link –** <https://zoom.us/j/91720096926?pwd=qKoscFGfqS0rWBp7ohvHaTq8zkc78M.1>**Link Meeting ID: 917 2009 6926****Venue: Lab 14, Room no. 402, Block 2**

S. No.	Paper Id	Title	Authors
1	644	Advancements in Biometric Security: Machine Learning Approaches	Syed Faisal Amanulla, Shaik Khadeer Basha, Tiparani Manikanta Sai Pavan, Vignesh T
2	1055	Spam Detection Using Firefly Optimization Technique	Alok Gupta, Kanak Tripathi, Rajesh Kumar Singh, Snehal Rajput
3	221	Advanced Forecasting and Analysis Techniques for Optimizing Website Performance: A Comparative Study of Time Series Models	Gayathri Raikar, Harshith D,
4	637	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
5	436	The Intersection of Art and AI: Innovations in Creative Collaboration	Shamanth N, Sagar T R, Sanjana Ballal, Khushi Etagi, Dr. Priyanga P
6	408	A Multimodal Deep Learning Approach for Advancing Liver Disease Diagnosis and Prognosis Prediction	Mukesh Kumar, Jagendra Singh, Nitin Arvind Shelke, Kamal Nain Sharma, Rajat Sharma, Rakesh Kumar
7.	362	Breast Cancer Detection using Deep Learning	Shajal Afaq, Nanhay Singh
8.	579	Compilation of Text to Video Models	Anupama Y K, Neelam Neha, Dinky Verma, S B Sankeerthana, Medha Jha

Session 13: IoT**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link :** <https://zoom.us/j/93447194152?pwd=oCugAd2A1CJ7cACAV0y8o5DaL7O0Tm.1>**Link Meeting ID:** 934 4719 4152**VENUE:** CSE board room-313, Block 3

S. No.	Paper Id	Title	Authors
1.	136	Mind brush: a machine learning approach to virtual artistry	Shreya Kashyap, Kaviya A, Dr. R. Yamini
2.	138	Image Restoration Through inceptionresnetv2: Unveiling the True Identity within Deepfake Detected Sequences using Subsequent Deepfake Modifier	Mangayarkarasi Ahnandha Shree Money A, Pushpitha Shree P, Dr G Brindha
3.	139	An innovative research of liver fibrosis imaging using DCNN neural network	T. Haripriya, Dr.K. Dharmarajan
4.	141	A Comparative Estimation of Media Manipulation Disclosure using Machine Learning Algorithms	Dr. R. Vidhya, M. J. Aswin, Jaya Surya
5.	144	AQI Prediction Using Human-AI Teaming	Abhinav Jha, Harshit Gupta, Dr. Sandhia G. K
6.	147	Machine Learning-based Automatic Language Identification for Indian Languages	Enjula Uchoi, Sahil Patiya, Utkarsh Solanki, Sahil Dogra, Udit Bhandral, Hargun Singh Khera

Session 14: Communication**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link – <https://zoom.us/j/94294358798?pwd=wjBaZAzdA18xi4ecwaZEauab13zwLm.1>****Meeting id:942 9435 8798****VENUE: Lab 3, Room No. 306, Block 2**

S. No.	Paper Id	Title	Authors
1.	85	Environmental Monitoring Quadcopter	Dr. Lijo Jacob Vargheese, Harshavarshini S, Hana R Keert, Lakshana R, Kirankumar K
2.	97	Smart airbag wearables revolutionizing fall protection with IoT integration	Balasubramani M, Kavinkumar S, Karthik P, Sekar K M, Gowtham B,
3.	100	Data security in communication using blockchain and key based protocols	Mr. S. Prabakaran, Harinivaash K, Prasad R, Kaviyan J, Rabin D
4.	101	A Novel Approach for Lagna Computation by Combining the Astrological Facts and Relevant Statistical Calculations	C N V B R Sri Gowrinath, Dr. Yeturu Jahnavi, Prof. P V G D Prasad
5.	106	Dual Axis Solar Tracking System	Dr. H.S. Niranjana Murthy, Dr. Venu K N, B. Rohit Prakash, K S Harshith, Gokul G
6.	115	Fruit quality detection using machine vision techniques	Premanat, Han G, Alismail M, Arun A, Rahul S, Vignesh D

Session 15: Automation**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link – <https://zoom.us/j/92194797939?pwd=0JIDM1AifmNZ9HF9WNqNGFxcUPIxRE.1>****Link Meeting ID: 921 9479 7939****VENUE: Lab 1, Room No. 307, Block 2**

S. No.	Paper Id	Title	Authors
1.	116	Smart Air Purifier and AQI Monitoring System	Deepa S, Lingesh Kumar R, Mohan A D, Nikil A, Rajesh Prabha R
2.	135	Algorithmic approach on transportation model with weighted path graph method	B. Mahalakshmi, Thiagarajan Kitt Appa, Vimala
3.	145	Text Thread Explorer	R. Arun Akash, Niladri Ghoshal, Sathya Rajesh
4.	614	Cross-Layer Optimization for Enhancing QoS in Software-Defined Vehicular Networks	S. Tamilselvan, M. Babu
5.	615	Designing a Lightweight IoT Authentication Protocol for Resource-Constrained Devices	Nandhini T, Latha R
6.	617	Designing a Novel Acoustic Communication System for High-Speed Underwater Data Transmission	Yogendra Kumar

Session 16: Special Session**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link – <https://zoom.us/j/96249932227?pwd=8tZIam83BeLIPWJQuP5ZLz7Kt9R6PO.1>****Link Meeting ID: 962 4993 2227****VENUE: Lab 5, Room No. 310, Block 2**

S. No.	Paper Id	Title	Authors
1	409	Exploring Person-Job Fit Influence on Innovation Behaviour through Machine Learning Approach in Public Sector Banking Institutions	Jagendra Singh, Dinesh Sahu, Preeti Sharma, Vinish Kumar, Meenakshi Sharma, Ramendra Singh
2	410	A High-Performance Deep Learning Approach for Real-Time Detection of Rice Leaf Diseases Using CNN models	Manish Kumar, Vivek Kumar, Burra Sabitha, Jagendra Singh, Hassan M. Al-Jawahry, M. Sree Vani
3	956	In-Depth Exploration of The Multifaceted Landscape of Emotion AI: From Education and Workplace to Psychiatry	Nidhishree M S, Amutha S, Dr. Ramesh Babu, D.R. Anupama Girish
4	734	Enhancing Pharmaceutical Supply Chain Visibility Using IoT and Blockchain	Dr. NeVadapalanielam Sanjeev Kumar,
5	738	Real-World Implementations: Case Studies of Blockchain Revolutionizing Supply Chain Finance	Nandhini T J
6	388	Enhancing Cancer Prediction: Investigating ACO-Based Feature Selection with Logistic Regression, XGBoost, and Light GBM	Ashwini Chidurala Shashanka Basani, Pranavi Mulastam, Sanjay Nerella Shashank Srivastav, Anshu Kumar Dwivedi

Session 17: IoT**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link – <https://zoom.us/j/93183394737?pwd=RIz2LG1A9Lw9Zoa6I4myonbO85bRtv.1>****Link Meeting ID: 931 8339 4737****Venue: Lab 6, Room No. 311, Block 2**

S. No.	Paper Id	Title	Authors
1.	157	Hybrid energy system design for transportation using QC Technique	Pooja Sharma, Chandni Sawlani
2.	609	AI-Based Energy-Efficient Routing Protocol for Large-Scale Underwater Wireless Sensor Networks	V. Karthick, T. Manikandan
3.	162	Towards AI-driven enterprises: economic and technical changes in modern business environments	Haitham Obaid, Abd Alzahrh
4.	647	Improving Dog Breed Classification Performance through Stacked Deep Learning Models with Imbalanced Data	R. Srinivasan, S. Iniyan, C. Santhanakrishnan
5.	648	Prediction of Transposon Insertion Sites in the Human Genome Using Deep Learning Techniques	Preeti P, Mihir Nakul, Abhishek Singh, Chhavi Dudeja, Kamal Rawal,
6.	783	Blockchain-Based Smart Contracts for Enhancing Supply Chain Transparency	Dr Pramod Kumar Naik

Session 18: Communication**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link – <https://zoom.us/j/95164260668?pwd=Mbpls25KpwWskKEq4AYbkhEFCShpS4.1>****Link Meeting ID: 951 6426 0668****Venue: Lab 16, Room No-202, Block 2**

S. No.	Paper Id	Title	Authors
1.	125	Efficient Modelling of Workload Arrival and Offloading for Vehicular Edge Computing	Dr. Priya Vij, Patil Manisha Prashant
2.	130	Development of an augmented reality-based Innovative Teaching in Education to enrich the engineering student experience	Palvi Soni, Gajendra Tandan
3.	148	Hue Spectrum visualizer using python with OpenCV	Ms. A. Raajyavardhini, Gowthaman, T. Krishnamoorthy R, Dhanush, S. Harish S
4.	154	A refuge system development for underground mines through IoT	Mr K. Srinath Yadav, Vignesh M, Sivaguru S, Ranjeeth Kumar G, Santhosh P
5.	156	Cloud- Control System for Humanoid Bionic Arm Using IOT Enabled Wireless Gesture	Mrs S. Geetha, Vichitra S, Nithiya Shree M, Sandhiya V, Yuvarani V
6.	608	A Novel Deep Learning Framework for Enhancing Image Classification in Low-Resolution Environments	Sudha, Dr. P.S. Ramesh

Session 19: Special Session**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link –** <https://zoom.us/j/98981648234?pwd=r6hLbyswOPXQxOXNxrAJGLFgLeR6pr.1>**Link Meeting ID: 989 8164 8234****Venue: Lab 13, Room no. 401, Block 2**

S. No.	Paper Id	Title	Authors
1.	406	Utilization of Deep Learning and Machine Learning Algorithms in Detection, Segmentation, and Classification of Brain Metastasis: A Systematic Literature Review	Deepinder Kaur, Jaspreet Singh
2.	1033	Deep Learning-Based Paddy Disease Identification Using Light Weight CNN	Santosh Kumar Upadhyay, Rajesh Prasad, Vikas
3.	222	Automated Breast Cancer Prediction System-Based on Machine Learning Algorithm Approach	Shafiq Amitabh Wahi Ahamed
4.	486	Establishing Trust in Online Voting: Blockchain Solutions for Secure Elections with Immutability and Efficiency	Ashwani Kumar Pandey, Ashok Kumar Yadav
5.	45	Advancing Early Detection: CNN for Automated Blood Cancer Diagnosis and Anomaly Detection	Rajiv, Anburaman Seetharaman, Dr. Baskar Kasi, Dr Sakthi Govindaraju, Paarkavy B
6.	443	An Investigation of the Utilizations of Machine Learning Methods in Precision Agriculture	Hema Sree Bavana, Susmitha Kummara, Somarajusasi Krishna Pranutha, Vasantha Vijayalakshmi, Nafees Akhter Farooquimi

Session 20: Automation**Day 1 (23-11-2024): Saturday 02:30 PM – 04:00PM****Zoom Link –** <https://zoom.us/j/91720096926?pwd=qKoscFGfqS0rWBp7ohvHaTq8zkc78M.1>**Link Meeting ID: 917 2009 6926****Venue: Lab 14, Room no. 402, Block 2**

S. No.	Paper Id	Title	Authors
1.	620	Developing a Scalable IoT Architecture for Precision Agriculture Using Edge Computing	K.S. Tamil, H. Kanimozhi
2.	621	Developing an Efficient Image Encryption Algorithm for Secure Data Transmission in Healthcare Systems	S. Kalyani, S. Tamilselvan
3.	626	Real-Time Water Quality Monitoring Using Autonomous Underwater Vehicles with Embedded AI	Dr. A. PONMALAR, Rajkumar Pandiarajan
4.	631	Smart Video Detection: Deep Learning for Enhanced Home Security	Dr. A Christy Jeba Malar, Dineshkumar M, Gokul A, Hemanth Kumar M G
5.	645	ALZHEIMER'S DISEASE SEGMENTATION	K. Suresh Kumar, J. Anguprasath, M. Dhanush Adithya, K. Gayathri
6.	731	A Predictive Analytics Approach to Traceability in Digital Forensics Using Time Series Analysis	Dr. Neelam Sanjeev Kumar

Session 21: IoT**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link:** <https://zoom.us/j/93447194152?pwd=oCugAd2A1CJ7cACAV0y8o5DaL7O0Tm.1>**Link Meeting ID:** 934 4719 4152**VENUE:** CSE board room-313, Block 3

S. No.	Paper Id	Title	Authors
1.	781	Leveraging Smart Contracts for Automated Freight and Logistics Management	Dr Pramod Kumar Naik
2.	229	Artificial intelligence and emotional intelligence in the workplace: Their roles and effects for industry 4.0	Sonakshi Bhatia, Arun Kumar, Nitin Thapliyal, Babita Rawat, Santosh Kumar, Kapil Joshi, Rohak Tiwari
3.	850	IoT Based Anti-Theft Floor Mat System	Nitish Kumar Jha, Rohit Singh, Nagendra Kumar
4.	717	Cybersecurity Approaches to Preventing Counterfeiting in Digital products	K Krishnakumar
5.	375	An Overview on IoT in Electric Vehicles: Efficiency and Sustainability	Shashank Gupta, Indu Sounkhla, Ranjeet Kumar Dubey, Mithilesh Kumar Singh Yadav, Sandeep Yadav
6.	759	ML-Driven Predictive Analytics to Anticipate Market Trends in Sustainable and Ethical Sourcing	Ashwin Shenoy M

Session 22: Communication**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link:** <https://zoom.us/j/94294358798?pwd=wjBaZAzdAl8xi4ecwaZEauab13zwLm.1>**Meeting id:942 9435 8798****VENUE: Lab 3, Room No. 306, Block 2**

S. No.	Paper Id	Title	Authors
1.	612	AI-Driven Smart Health Monitoring System Using Wearable IoT Devices and Predictive Analytics	Latha R
2.	618	Developing a Bio-Inspired Algorithm for Cooperative Exploration by Swarm Underwater Robots	Dr. J. Jagannathan, Dr. A. Kalaiarasi
3.	624	Hybrid Neural Networks for Enhanced Image Super-Resolution Using Multi-Scale Features	S. Karthikeyan, Dilli Ganesh V
4.	627	Secure and Scalable Quantum Key Distribution Protocol for Next-Generation Networks	P Rajasekar, K. Kalaiselvi,
5.	628	Sparse Representation-Based Image Reconstruction for Faster MRI Processing	A. Devipriya, R. Anto Arockia Rosaline
6.	653	Evaluating door quality using CAE analysis and a LabView-controlled pneumatic system	Sredha Beena Pramod, Rajesh P Salunke, Vineetha Pramod Sreedharan

Session 23: Automation**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link –** <https://zoom.us/j/92194797939?pwd=0JIDM1AifmNZ9HF9WNqNGFxcUPIxRE.1>**Link Meeting ID: 921 9479 7939****VENUE: Lab 1, Room No. 307, Block 2**

S. No.	Paper Id	Title	Authors
1.	650	Machine Learning based Self Identification of Mental Health	Ms. S. Poornima, R. Agalya, M. Gayathri, A. Hari, Sudharsan S
2.	651	A wandb based corrosion detection of metals through live video analytics	John Deva Prasanna D S, Kuruvella Sai Neeraj, G. Jaya Krishna 3
3.	36	Comprehensive Methodologies for Alzheimer's Disease Prediction: A Machine Learning Approach	Vidyashree R, Suchitha U, Tanisha Shetty, Dr. N. Guruprasad
4.	638	Vegetable Supply Chain Using Smart Contract	Mr S. Arivarasan, Nithish D, Rahul P, Senthurvel K, Venu Aravind R
5.	641	Smart Hydroponic Farming Using an Android Based Mobile Application	Mrs. Tupili Sangeetha1, Rajalakshmi, Santhosh D, M Yaraswini4
6.	729	AI-Driven Provenance Tracking for Mitigating Fraud in E-Commerce Platforms Using Neural Networks	Dr. Neelam Sanjeev Kumar

Session 24: Special Session**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link – <https://zoom.us/j/96249932227?pwd=8tZIam83BeLIPWJQuP5ZlZ7Kt9R6PO.1>****Link Meeting ID: 962 4993 2227****VENUE: Lab 5, Room No. 310, Block 2**

S. No.	Paper Id	Title	Authors
1	1039	Harmonizing Tradition with Innovation: A Deep Learning-Powered Personalized Erhu Teaching Experience	Amit Sharma, Vibhab Ranjan, Ajay Yadav, Neeraj Yoshi, Dibyanarayan Hazra, Honey Singh
2	1120	A Comprehensive Study of Plant Disease Detection Through Image Processing and Machine Learning	Madan Pachori, Shashi Kant, Anupma Surya, Manish Kumar
3	1146	Deep Learning Approach to Analyse and Review of Stock Market Prediction	Mani Jinda, Ankush Goyal, Neeraj Joshi, Seema Jogad
4	572	Analyzing and Detecting the Fake News using Machine Learning	Santosh Kumar Upadhyay, Manmohan Singh Yadav, Alfiya Mahmood, Motashim Rasool
5	1081	Applications and Use Cases of Internet of Things (IoT) with Case Study	Bhawna Khokher, Pramod Singh, Neeraj Joshi, Shivam Chaudhary, Vineet Vishnoi
6	602	Addressing Fertilization Challenges to Enhanced Crop yields using Machine Learning	Tanaya Gupta, Priya Sahai, Pragya Singh, Sandeep Saxena

Session 25: IoT Session**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link – <https://zoom.us/j/93183394737?pwd=RIz2LG1A9Lw9Zoa6I4myonbO85bRtv.1>****Link Meeting ID: 931 8339 4737****Venue: Lab 6, Room No. 311, Block 2**

S. No.	Paper Id	Title	Authors
1.	772	Cloud-Based Marketing Analytics Using Apache Flink for Real-Time Data Insights	A. Devipriya, R. Anto Arockia Rosaline
2.	774	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
3.	632	Feature selection for disease prediction in medical diagnosis using machine learning	K. Devendran, P. Keerthika, C. Sagana, M. Sangeetha, A. Abinaya, R. Karuppuchamy, R. Bhuvaneshwari
4.	230	Breast Cancer Diagnosis using Convolutional Neural Network	Archika Jain, Devendra Somwanshi, Chandradeep Bhatt, Arpana Chaturvedi, Harishchandra Anandaram, Kapil Joshi
5.	784	Boosting Supply Chain Transparency with Blockchain and Smart Contracts	Dr Pramod Kumar Naik
6.	792	IoT-Enabled Predictive Maintenance for Sustainable and Ethical Sourcing Assurance	Rajat Kumar Dwivedi, Vinayaka

Session 26: Communication Session**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link – <https://zoom.us/j/95164260668?pwd=Mbpls25KpwWskKEq4AYbkhEFCShpS4.1>****Link Meeting ID: 951 6426 0668****Venue: Lab 16, Room No-202, Block 2**

S. No.	Paper Id	Title	Authors
1.	124	Navigating uncontrolled terrains: integrating heuristic search-based path planning algorithms	Parshva Maniar, Kushagra Veer Garg, Nikkhil Chopra, Krishnamoorthy A
2.	634	Exploring a Novel Neuroplexus Learning Framework (NLF) Approach for MRI Image Analysis	T. Haripriya, Dr.K. Dharmarajan,
3.	635	Developing a Strategy for Vehicle Pollution Reduction	Sathananthavathi V, Sushil Kumar M, Dhanabalan
4.	654	Classification of PCOS in ultrasound images using deep learning methods	Jency Sharmila M, Sivasakthi P, Dr. M. Tamilnidhi, Sharmila P
5.	726	Machine Learning Approaches to Improve Visibility in Global Supply Chains	Dr Gnanajeyaraman Rajaram
6.	719	Digital Twins for Real-Time Supply Chain Visibility and Optimization	K Krishnakumar

Session 27 Automation Session**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link –** <https://zoom.us/j/98981648234?pwd=r6hLbyswOPXQxOXNxrAJGLFgLeR6pr.1>**Link Meeting ID: 989 8164 8234****Venue: Lab 13, Room no. 401, Block 2**

S. No.	Paper Id	Title	Authors
1)	857	Solar Power Based Automatic Lawn Mower	Ramizul Hoda, Bhaskar Kashyap, Ankit Yadav, Priyanka Datta
2)	659	An Intelligent ResNet-152 CNN framework for Anticipatory Flood Forecasting	Jarline kirubavathy K, Thulasi Bai V
3)	716	Combining Federated Learning and Blockchain for Enhanced Traceability in Agricultural Supply Chains	K Krishnakumar
4)	656	Renal Cyst Detection using Deep Learning	Dhanalakshmi Velusamy, Harish U, Linges P, Kaviyaran P, Cyril Poornaraj J, Prem D, Sharan K
5)	642	Automated Pneumonia Detection Using Manta Ray Optimizer with Deep Learning Approaches	M M Sabaresh, Fidin Sabri Shahin, M Senthil Raja
6)	732	Anomaly Detection in Provenance Data Using Autoencoder Network	Dr. Neelam Sanjeev Kumar

Session 28: Special session**Day 1 (23-11-2024): Saturday 04:30 PM – 6:00 PM****Zoom Link –** <https://zoom.us/j/91720096926?pwd=qKoscFGfqS0rWBp7ohvHaTq8zkc78M.1>**Link Meeting ID: 917 2009 6926****Venue: Lab 14, Room no. 402, Block 2**

S. No.	Paper Id	Title	Authors
1.	865	Recent Trends in Sign Language Detection System Using Machine Learning Algorithms	Keshav Sharma,
2.	290	Cooperative Edge Caching: Federated Deep Reinforcement Learning for IoT	Ali Abdulkareem Mezaal, Ahmed Abdel Razzaq Farag, R.K. Taher, Ali Muhsin Ajil, Mohammed Al-Farouni, Huthaifa Ayad, Madi Hashem Attiwi
3.	43	Flood Risk Assessment and Interpretation Using Explainable AI	Swati Sharma, Vivek Tomar, Sangeeta Arora, Nishant Gupta
4.	802	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
5.	573	Image captioning System Using LSTM and VGG16	Manish Kumar Singh, Santosh Kumar Upadhyay, Nidhi Sharma, Rupak Kumar, Manmohan Singh Yadav
6.	569	Heart Stroke Cardiovascular Predictive System Using Multi-Model Supervised Technique	Arjun Singh, Sakil Ahamad Ansari, Anubhi Bansal, Abha Sharma, Bala Shiwangi, Arun Kumar Singh

Session :29 IoT Session**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link – <https://zoom.us/j/93447194152?pwd=oCugAd2A1CJ7cACAy8o5DaL7O0Tm.1>****Link Meeting ID: 934 4719 4152****VENUE: CSE board room-313, Block 3**

S. No.	Paper Id	Title	Authors
1.	793	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
2.	858	IoT Based Health Monitoring System	Kailash Sharma, Vaibhav Tripathi, Praneet Shankar, Sanjeev Yadav
3.	958	Intelligent Real-Time Thermal Monitoring System for Industrial Environments using Thermal Imaging and Machine Learning	Gracy Gupta, Kanishka, Malika Garg, Mohd Asjad, Raza Ansari, Rajesh Prasad
4.	1048	Blockchain Breakthrough: A Review of its Role in Modern Technology	Sameer Asthana, Ravi Prakash Chaturvedi, Annu Mishra, Poorva Nayyar, Md. Shaliyar
5.	150	Advanced Data Mining to Explore the Effects of Brain Due to Schizophrenia	Dr. M. Sangeetha, Deepika S, Rajeshwari G, Priyadharshini B
6.	1043	FPGA-Based SoC Design with CORDIC-POSIT Arithmetic for Efficient IoT Data Processing	Suryadev Singh, Babita Jajodia
7.	327	Ai Diagnosis of Mild Cognitive Impairment in Neurodegenerative Diseases from Fdg Pet Images	O.F. Ibrahim, Zaid Hikmat Kareem, Mina Qahtan Mahmoud, Myasar Mundher adnan, Ahmed Hussain, Qasim Abdul Jabbar
8.	301	Optimized Algorithm for Renewable Energy Forecasting: A Machine Learning Perspective	Doaa Talib Zaidan, Ahmed Sadiq Farag, Hussein Sabah Miys, Ammar Hameed Shnain, Israa Jabbar

Session :30Communication**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link – <https://zoom.us/j/94294358798?pwd=wjBaZAzdAl8xi4ecwaZEauab13zwLm.1>****Meeting id:942 9435 8798****VENUE: Lab 3, Room No. 306, Block 2**

S. No.	Paper Id	Title	Authors
1.	657	Blockchain Powered Healthcare DAPP for Secure EHR Management	Dr. Mythili R, Anirudh Adithya B S, Sai Madhavan R P, Kirubanithi M
2.	660	Smart Cradle System	Venkata Sai Chandana Kakarla, Visheshwar Rao Sreekakulapu, Narisetty Manasa, Pooja Kenchetty
3.	748	Machine Learning Applications for Enhancing Regulatory Compliance in Blockchain-Based Supply Chains	Dr. Neelam Sanjeev Kumar
4.	720	Blockchain-Based Smart Contracts for Sustainable Supply Chain Practices	K Krishnakumar
5.	225	Innovative Fabric Defect Detection Strategies for Enhanced Textile Quality.	Priya Badrinath,J Sony
6.	728	Smart Sensors and RFID for Real-Time Asset Tracking and Supply Chain Visibility	Dr Gnanajeyaraman Rajaram
7.	1007	Multi-Layered Defense Architecture for DDoS Protection in Private Cloud Environments	Shashwant Singh, Shani Soni, Ayushi Prakash, Anubha Sharma
8.	611	AI-Based Network Traffic Prioritization for Latency-Sensitive Applications in 6G Networks	Raju Shanmugam, Vijayakumar Kadumbadi

Session :31Automation**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link - <https://zoom.us/j/92194797939?pwd=0JIDM1AifmNZ9HF9WNqNGFxcUPIxRE.1>****Link Meeting ID: 921 9479 7939****VENUE: Lab 1, Room No. 307, Block 2**

S. No.	Paper Id	Title	Authors
1.	739	Optimizing Regulatory Compliance in Supply Chains with Blockchain and Gaussian Process Regression	Nandhini T J
2.	744	Enhancing Supply Chain Regulatory Compliance with Blockchain and Lasso Regression Integration	Uganya G, Vel Tech Rangarajan Dr. Sagunthala
3.	745	The Rise of Decentralized Finance (DeFi) in Supply Chain Financing: A Blockchain Perspective	R. Sudha Arogya Mary Chinthamani
4.	768	Applying Multi-Layer Perceptrons (MLP) for Demand Forecasting in Supply Chain Management	S. Kalyani, S. Tamilselvan
5.	765	AI-Enhanced Collision Detection for Autonomous Drones Using LiDAR and Neural Network	Aasheesh Shukla, Sanjeeva Polepaka, Laith H. Alzubaidi, Dr.T. Saravanan, S. Jenifer, B. Vinay Kumar
6.	762	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, Professor, Samyuktha P, Dr.P.S. Ramesh
7.	321	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
8.	561	Rule Based Hybrid Energy Storage System Design and Control for Two-Wheeler EV	Vaishali A. Katkar, Prerna Goswami, Ramesh Devrapalli, Meghna Ranjit Yashwant

Session :32 Special Session**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link – <https://zoom.us/j/96249932227?pwd=8tZIam83BeLIPWJQuP5ZIz7Kt9R6PO.1>****Link Meeting ID: 962 4993 2227****VENUE: Lab 5, Room No. 310, Block 2**

S. No.	Paper Id	Title	Authors
1.	281	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
2.	566	Comparative Analysis of Feature Selection Methods Using Swarm-Based Optimization Techniques	Ashish Kumar Singh, Anoj Kumar, Ashish Ranjan Mishra
3.	356	Machine Learning for Intricate Detection In 6g Networks	Annapurna Nand Tiwari, Revathi N, Muntather Almusawi, Sakthi Prabha, J. Karpagam, Md. Hafeena
4.	307	Clinically Applicable AI for Covid-19 Diagnosis Using Computed Tomography	Nizar Abdel Amir, O.A. Mukhlus, Yaser Ahmad Ibrahim, Karrar Hayder Shakir, Muntather Almusawi, Shaima Abdel Razzaq Mahdi, Hassan Safi
5.	1145	Comprehensive Review of Challenges and Advances in Intrusion Detection for Smart Grid Systems	Gaurav Vinchurkar, Vimal Kumar
6.	1149	Comprehensive review of electric vehicle charging infrastructure vulnerabilities and defence against malicious attacks	Rahul Anjana, Vimal Kumar
7.	277	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
8.	322	Ai In Neurodegenerative Disease Research: IBM Watson Identifying Rna Binding Proteins	M.M. Alkubaisy, Dulfikar Jawad Hashim, Karrar Hayder Shakir, Riad Azizi Abboud, Abeer Ahmed, Imad al-Din Hussein al-Saidi

Session :33 IoT**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link –** <https://zoom.us/j/93183394737?pwd=RIz2LG1A9Lw9Zoa6I4myonbO85bRtv.1>**Link Meeting ID: 931 8339 4737****Venue: Lab 6, Room No. 311, Block 2**

S. No.	Paper Id	Title	Authors
1.	26	The smart power optimization for sensor based wearable IoT devices using AI based deep learning	Manish Kumar, Jyoti Sharma, Mukulit Goel, Anuj Kumar, Vikas Chaudhary
2.	197	Detection of COVID-19 based on Deep Learning	Punya Prabha V, M D Nandeesh
3.	347	Ai and the Future of Fiction: Exploring Narratives Beyond Human Imagination	Kundharu Saddhono, Loso Judijanto, Arsen Nahum Pasaribu, Liliana Muliastuti, Wido Hartanto, Aida Azizah
4.	359	Advancing Natural Language Processing: Beyond Embeddings	Sharifa Iskandarova, Umidjon Kuziyev, Dilmurod Ashurov, Dilafruzkhon Rakhmatullayeva
5.	360	Ai Strategies for Complex Math Problems: Optimization	Dr. Anju Rani, Ms. Shweta Bakshi, Mr. Rajan Bansal
6.	275	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. Saaid, Hajar Kazem Shahad, Tahir Toma farhan
7.	324	Ai For Neurodegenerative Experimental Models: Advancements and Applications	M.M. Alkubaisy, Karrar Hayder Shakir, Shaima Rahim Muhammad, Mohammed I. Habelalmateen, Osama Nazim Saadoun
8.	280	Enhanced Security Framework for Cloud Data Storage and Communications: Ecc, Access Control, And Ldsa	Mohammed I. Habelalmateen, Aqeel Ali Ghobash, E.A. Tawfek, Riad Abdull Retha Abass Algurah, Nabaa kareem Taaban, Abdel Mohsen Abdel Sarhan

Session :34 Communication**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link –** <https://zoom.us/j/95164260668?pwd=Mbpls25KpwWskKEq4AYbkhEFCShpS4.1>**Link Meeting ID: 951 6426 0668****Venue: Lab 16, Room No-202, Block 2**

S. No.	Paper Id	Title	Authors
1.	735	Deep Reinforcement Learning for Dynamic Compliance Management in Blockchain Supply Chains: An LSTM Perspective	Dr. Neelam Sanjeev Kumar
2.	736	The Role of Smart Contracts in Revolutionizing Supply Chain Finance with Blockchain	Nandhini T J
3.	743	Integrating Supply Chain Finance into Blockchain-Based Supply Chain Management Systems	Uganya G
4.	747	Leveraging Blockchain Smart Contracts for Transparent Supply Chain Management	Dr. M. Jenifer
5.	224	Emotion based Music recommendation System using Machine Learning	Sahana S Gowda, Priya Badrinath
6.	757	Advanced Image Recognition Systems for Identifying Counterfeit Goods	P. Mohan Kumar
7.	259	Thermal analysis of recessed source/drain junctionless MOSFET with enhanced electrostatic performance	Hrishikesh Paralikar, Dr. Gaurav Upadhyay, Alok Kumar
8.	795	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

Session :35 Automation**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link –** <https://zoom.us/j/98981648234?pwd=r6hLbyswOPXQxOXNxrAJGLFgLeR6pr.1>**Link Meeting ID: 989 8164 8234****Venue: Lab 13, Room no. 401, Block 2**

S. No.	Paper Id	Title	Authors
1.	763	Adaptive Self-Healing in Mobile Networks Using Lévy Flight-Based Bat Algorithm	Kanchan Yadav, Kathi Chandra Mouli, G. Saritha, Ms.A. Spandana, Haider Mohammed Abbas, Nimmy Lazer
2.	56	Identifying Gestures through Convolutional Neural Networks: An Innovative Methodology	Mr Anbumani P, Arun L, Arunkumar V, Anish V, Gokula Hariharan N
3.	771	Classifying Atrial Fibrillation Using Deep Residual Networks (ResNet) on ECG Signals	Aasheesh Shukla, Sreejyothsna Ankam Layth Hussein, Dr.G. Durgadevi, Ashwini S, P. Arunachalam
4.	777	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
5.	778	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
6.	790	Deep Reinforcement Learning for Addressing Interoperability Challenges in Disaster Management Systems	Dr Pramod Kumar Naik
7.	319	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
8.	303	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

Session :36 IoT**Day 2 (24-11-2024): Sunday 10:00 AM – 12:00 PM****Zoom Link –** <https://zoom.us/j/91720096926?pwd=qKoscFGfqS0rWBp7ohvHaTq8zkc78M.1>**Link Meeting ID: 917 2009 6926****Venue: Lab 14, Room no. 402, Block 2**

S. No.	Paper Id	Title	Authors
1.	278	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
2.	852	Ensuring the Long-term Security of Medical Records: Utilizing Blockchain and Sophisticated Encryption Methods	Divya K, V. Nagaraju
3.	286	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
4.	294	Semar IoT Server Platform: Design and Applications Implementation	Ali Abdulkareem Mezaal, Shaima Rahim Muhammad, E.M. Abbas, Bijan Morteza Shoushtarian, Hassan M. Al-Jawahry, Abeer Ahmed, Abdul Hussein Mohsen
5.	291	Sustainable Resilience in IoT Supplier Selection: An Integrated Bwm and Trust Approach	Ali Saad Alwan, Haqqi Ismail Jassim, R.K. Taher, Ali Suhail Najm, Haider Alabdeli, Abeer Ahmed, Qasim Abdul Jabbar
6.	300	Revenue Prediction for Integrated Renewable Energy Systems: ML Techniques	Doaa Talib Zaidan, Mina Qahtan Mahmoud, A.A. ALLayith, Ayham Sameer Faaq Roukiah, Zaid Alsalami, Yousr Sattar, Ali Ghobash
7.	287	Hiding Information with IoT: Encryption System Exploration and Implementation	Ammar Hameed Shnain, Abdulqadir Alaa, H.H. Alaak, Amjad Sohil Saedy, Zaid Hikmat Kareem, Mina Ismail Abbas
8.	328	Tele Neurology Challenges In Parkinson's Disease Care: Addressing Complexity	O.F. Ibrahim, Zaid Hikmat Kareem, Mina Qahtan Mahmoud, Qasim Abdul Jabbar, Ahmed Hussain, Myasar Mundher Adnan

Session :37 Communication**Day 2 (24-11-2024): Sunday 12:00 AM – 2:00 PM****Zoom Link – <https://zoom.us/j/93447194152?pwd=oCugAd2A1CJ7cACAV0y8o5DaL7O0Tm.1>****Link Meeting ID: 934 4719 4152****VENUE: CSE board room-313, Block 3**

S. No.	Paper Id	Title	Authors
1.	760	Automated Payment Solutions in Supply Chains Using Smart Contracts	Ashwin Shenoy M
2.	766	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
3.	769	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
4.	775	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
5.	196	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
6.	341	Enhancing Financial Decision-Making with Edge Computing and Ai in Accounting Environments	Dr Naila Iqbal Qureshi
7.	315	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
8.	799	Leveraging Recurrent Neural Networks (RNN) For Workforce Planning and Optimization	Raju Shanmugam, Vijayakumar Kadumbadi

Session :38 Automation**Day 2 (24-11-2024): Sunday 12:00 PM – 02:00 PM****Zoom Link – <https://zoom.us/j/94294358798?pwd=wjBaZAzdAl8xi4ecwaZEauab13zwLm.1>****Meeting id: 942 9435 8798****VENUE: Lab 3, Room No. 306, Block 2**

S. No.	Paper Id	Title	Authors
1.	798	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
2.	47	Unmasking Manipulations Recent Advances in image tampering detection	Chiyyedu Manasa, Dr. Deepthi V S, Dr. Dheeraj D
3.	962	A Survey on Transforming Blood Smear Analysis using Deep Learning	Mr. Nihin Kumar, Dr. Dheeraj D
4.	1030	Integration of computer vision systems in robotics and industry 4.0	Vikas Rajesh Prasad, Santosh Kumar Upadhyay
5.	460	Analyzing Uber's data to extract valuable insights using Machine Learning	Mr. Bharat Bhardwaj, Mr. Himanshu Tiwari, Mr. Alok Kumar, Dr. Sandeep Saxena
6.	309	Unremarkable AI: Intelligent Decision Support in Critical Clinical Decision-Making	Madi Hashem Attiwi, Ayham Sameer Faaq Roukiah, Karrar Hayder Shakir, Lina Iyad Asaad, Haider Alabdeli, Enas Hassan
7.	312	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
8.	723	Leveraging Smart Contracts for Automated Counterfeit Prevention in E-Commerce	Dr Gnanajeyaraman Rajaram

Session :39 Communication**Day 2 (24-11-2024): Sunday 12:00 PM – 02:00 PM****Zoom Link – <https://zoom.us/j/92194797939?pwd=0JIDM1AifmNZ9HF9WNqNGFxcUPlxRE.1>****Link Meeting ID: 921 9479 7939****VENUE: Lab 1, Room No. 307, Block 2**

S. No.	Paper Id	Title	Authors
1.	354	Ai-Assisted Tutoring Systems: Improving Engagement and Learning Outcomes in Elementary Education	Svetlana Umirova, Shavkatjon Mahmadiyev, Talat Zuparov, Aziz Yuldashev, Abdulla Abdullayev, Nazira Sobirova
2.	357	AI in Marketing: Crafting Personalized Customer Experiences First and Corresponding	Apeksha Garg, Dr Naila Iqbal Qureshi, Abhishek Dutta Gupta, Dr. Sanu Rani Paul, Dr Preeti Singh, Dr. Roopa Dandally Nanjappa
3.	274	Renewable Energy Systems: A Survey of Advanced ML and DI Techniques	Mohammed Al-Farouni, Ahmed Hussain, Abdul Hassan Majli Jaafar, A.A. Mukhlus, Waleed mohammed khazaal, Doaa Talib Zaidan, Abdul Hamid Abdul, Khaliq Aliwi Nasser
4.	284	Cloud Computing Security: A Comprehensive Review of Machine Learning Algorithms	Zaid Alsalamy, Mohammed Salim, Imad al-Din Hussein al-Saidi, H.H. Alaak, Reem Hamdan Khaddour, Nabaa kareem Taaban, Zahraa Naji Abdel Amir
5.	304	Clinical Challenges and Applications: AI in Cancer Imaging	Imad al-Din Hussein al-Saidi, A.A. ALLayith, Osama Kazem Abdel Alziz, Karrar Hayder Shakir, Nardin Abdel Sattar Muhammad, Ramy Riad Al-Fatlawy, Hayder Shareef
6.	306	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
7.	316	Ai Framework for Predicting Coronavirus Severity: Data-Driven Approach	Ahmed Al-Ansari, R.K. Falihi, Ali Muhsin Ajil, Karrar Hayder Shakir, Mohammad Mehdi Mohammad, Zaid Alsalamy, Mustafa Saad
8.	325	Ai-Coupled Plasmonic Sensor for Neurodegenerative Disease Detection: Cutting-Edge Technology	M.M. Alkubaisy, Tahir Toma Farhan, Karrar Hayder Shakir, Sarah Hashem Zagher, Hassan M. Al-Jawahry, Hassan Safi, Nizar Abdel Amir

Session :40 Communication**Day 2 (24-11-2024): Sunday 12:00 PM – 02:00 PM****Zoom Link – <https://zoom.us/j/96249932227?pwd=8tZlAm83BeLlPWJQuP5ZlZ7Kt9R6PO.1>****Link Meeting ID: 962 4993 2227****VENUE: Lab 5, Room No. 310, Block 2**

S. No.	Paper Id	Title	Authors
1.	1089	Feature Extraction in Image Processing using Medical Scans: Detailed Survey	Tanu Singh, Manu Singh, Urvashi Sugandh, Arvind Panwar
2.	787	Leveraging Blockchain Smart Contracts for Transparent Supply Chain Management	Shanmugapriya Subramaniyan
3.	789	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
4.	342	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
5.	350	The Impact of Artificial Intelligence on Economic and Technical Dynamics in Contemporary Business Environments	Jennifer M. Villanueva
6.	351	Revolutionizing Marketing: Harnessing Artificial Intelligence for Enhanced Customer Engagement and Insights	Juan A. Asuncion Jr.
7.	310	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
8.	318	Digital pathology and ai: transforming translational medicine and clinical practice	Ali Ghobash, R.K.Falih,

Session :41Automation**Day 2 (24-11-2024): Sunday 12:0 PM – 02:00 PM****Zoom Link – <https://zoom.us/j/93183394737?pwd=RIz2LG1A9Lw9Zoa6l4myonbO85bRtv.1>****Link Meeting ID: 931 8339 4737****Venue: Lab 6, Room No. 311, Block 2**

S. No.	Paper Id	Title	Authors
1.	344	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
2.	345	Teaching Literature with AI: Enhancing Education Through Automated Analysis And Interpretation	Kundharu Saddhono, Loso Judijanto, Indrya Mulyaningsih, Reza Muamar Zaki, Ratna Rintaningrum, Novi Anoegrajekti
3.	353	Artificial Intelligence and Literary Creativity: Examining New Frontiers In English Literature	Dr. Mona Mohammed Abass Hamza
4.	283	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
5.	293	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
6.	725	Artificial Intelligence Techniques for Real-Time Detection and Prevention of Counterfeit Products	Dr Gnanajeyaraman Rajaram
7.	796	Improving Organizational Decision-Making Using Random Forests and Big Data Analytics	S. Karthikeyan, Dilli Ganesh V
8.	754	IoT-Based Environmental Monitoring Systems for Ensuring Sustainable and Ethical Sourcing	SONA K, SRI RAMAKRISHNA

Session :42 IoT/ Special Session**Day 2 (24-11-2024): Sunday 12:00 PM – 02:00 PM****Zoom Link –** <https://zoom.us/j/95164260668?pwd=Mbpls25KpwWskKEq4AYbkhEFCShpS4.1>**Link Meeting ID: 951 6426 0668****Venue: Lab 16, Room No-202, Block 2**

S. No.	Paper Id	Title	Authors
1.	297	Automated IoT Security Testbed: Design and Implementation Insights	Ali Abdulkareem Mezaal, Sarah Hashem Zagher, E.M. Abbas, Dulfikar Jawad Hashim, Muntather Almusawi, Mohammed Sabah, Abdul Redha Hussein Sabr
2.	298	Energy-Efficient Clustering for Wireless Sensor Networks: Fuzzy Logic Approach	Doaa Talib Zaidan, Maryam Jamal Manea, E.M. Abbas, Yaser Ahmad Ibrahim, Myasar Mundher adnan, Youسر Sattar, Ahmed Al-Ansari
3.	194	Sleeping Pattern Analysis Using Extreme Gradient Boosting and Logistic Regression	Dr. P Nancy, Prachi Pandit, Amrita Kumari
4.	348	The Ethics of AI In Literature: Reflections on Representation and Responsibility	Kundharu Saddhono, Ermanto, Andi Sukri Syamsuri, Farida Nugrahani, A. Rahman Rahim, Eri Sarimanah
5.	1152	Predicting Voter Behaviour Through AI Techniques	Ruchi Kaushik, Prateek Rawat
6.	40	Implementation of Multiple Uav Algorithm for Same Mission profile	Vaibhav, Ms Prasad, Dr. Shivani Verma, Dr. HdR, Nour Mohammad Murad, Rimi Ghosh
7.	849	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
8.	753	Deep Learning Techniques for Overcoming Interoperability Challenges in Smart Grid Systems	SONA K , SRI RAMAKRISHNA