

**IEEE International Conference on
Computing, Communication, and Intelligent Systems (ICCCIS-2023)**

during
03rd – 04th November, 2023

at

**Sharda School of Engineering and Technology,
Sharda University, Greater Noida, India.**

IEEE Conference Record # 60361

**Inauguration Schedule
(03rd November, 2023)**

S. No.	Event	Timing
1.	High Tea and Networking	10:00 a.m. – 10:55 a.m.
2.	Lamp Lighting	10: 55 a.m. - 11:00 a.m.
3.	Curtain Raiser: Introduction to Theme of ICCIS-2023 by Prof. (Dr.) Parma Nand , Pro Vice Chancellor, Sharda University and Conference General Chair, ICCIS-2023	11:00 a.m. – 11:05 a.m.
4.	Address by Prof. (Dr.) Sibaram Khara , Vice Chancellor, Sharda University, India	11:05 a.m. - 11:10 a.m.
5.	Welcome Address by Shri Yatendra Kumar Gupta , Pro-Chancellor, Sharda University and Vice-Chairman, SGI (Upon Availability)	11:10 a.m. - 11:15 a.m.
6.	Welcome Address by Shri Pradeep Kumar Gupta , Chancellor, Sharda University and Chairman, SGI (Upon Availability)	11:15 a.m. - 11:20 a.m.
7.	Release of ICCIS -2023 Souvenir	11:20 a.m. - 11:25 a.m.
8.	Addresses by Guest of Honor Mr. Ashish Kumar , Associate Director, NTT Data Services	11:25 a.m. - 11:30 a.m.
9.	Addresses by Guest of Honor Dr. Lipika Dey Chief Scientist , TCS Research, India	11:30 a.m. - 11:35 a.m.
10.	Addresses by Guest of Honor Prof. (Dr.) Narendra Kumar , Director NSUT East Campus New Delhi	11:35 a.m. – 11:45 a.m.
11.	Addresses by Guest of Honor Dr. Gurjit Singh Walia Scientist 'F', Defence Research and Development Organization (DRDO), India	11:45 a.m. – 11:55 a.m.
12.	Addresses by Guest of Honor Dr. Bipin Joshi , Scientist 'F', INSPIRE Programme, Ministry of Science & Technology, GOI	11:55 a.m. – 12:10 p.m.
13.	Addresses by Guest of Honor Sh. B. Shanker Jaiswal , IPS, Joint Police Commissioner Delhi Police	12:10 p.m. – 12:25 p.m.
14.	Addresses by Chief Guest Sh. Sanjay Kumar Gunjyal , IPS, IG Eastern Frontier ITBP, Lucknow, India	12:25 p.m. – 12:50 p.m.
15.	Vote of Thanks by Prof. (Dr.) Sanjeev Kumar Pippal , HoD - CSE, SSET, Sharda University, India	12:50 p.m. – 12:55 p.m.
16.	Lunch	01:00 p.m. onwards



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Keynote Sessions Schedule

Zoom Link: <https://us05web.zoom.us/j/6867762982?pwd=eExcWpKbjZ0K1hvRUdkc01vUzZLZz09>

Meeting Id: 686 776 2982

Password: sharda

S. No.	Keynote Speaker Name	Affiliation	Date	Timings (IST)
1.	Dr. Alaa Abdulhady Jaber,	Mechanical Engineering Department, University of Technology, Iraq	03-11-2023	12: 30 PM
2.	Dr. Arkadeep Mitra,	Baylor University, USA	03-11-2023	12:00 PM
3.	Dr. Bhuvan Unhelkar,	College of Business, University of South Florida, USA	03-11-2023	01:00 PM
4.	Dr. Jubilant J Kizhakkethottam,	Department of CSE, Saintgits College of Engineering, Kottayam, Kerala, India	03-11-2023	01:30 PM
5.	Dr. Korhan Cengiz,	Electrical-Electronics Engineering, Istinye University, Istanbul, Turkey	03-11-2023	2:00 PM
6.	Dr. Sudeep Tanwar,	Department of Computer Science and Engineering, Nirma University, Ahmedabad, India	03-11-2023	02:30 PM
7.	Dr. Debashis De,	Maulana Abul Kalam University of Technology, West Bengal, India	04-11-2023	01:00 PM
8.	Dr. Khursheed Aurangzeb,	Department of Computer Engineering, College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia	04-11-2023	01:30 PM
9.	Dr. Samiya Khan,	School of Computing and Mathematical Science, University of Greenwich	04-11-2023	2:00 PM

S. No.	Keynote Speaker Name	Affiliation	Date	Timings (IST)
10.	Dr. Sandeep Singh Sengar,	Department of Computer Science, Cardiff Metropolitan University, United Kingdom	04-11-2023	2:30 PM
11.	Dr. Yousef Farhaoui,	Department of Computer Science, Faculty of sciences and Technic, Moulay Ismail University, Morocco	04-11-2023	03:00 PM

Presentation Schedule

S. No.	PID	Details	Presented Author	Remarks
Session 1.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us05web.zoom.us/j/85807012023?pwd=hz2enxlqbXaZZSPs4Gau4WaHiJl9B.1 Meeting ID: 858 0701 2023 Passcode: sharda				
1.	215	IoT Empowered Smart Cities for Green Healthcare: A Sustainable Pathway to Transforming Healthcare Systems Jaspreet Kaur		
2.	249	Real-time Weather Monitoring System Rohan Gupta, Ekanshi and Bhumika		
3.	439	Multimodal Sentiment Analysis of Social Media Data for Predicting Box Office Outcome Poulami Dutta and Chandan Kumar Bhattacharyya		
4.	676	Proposition of a Novel Clustering Methodology Proposition of a Novel Clustering Methodology for Multi -User MIMO-PD – NOMA Sayanti Jana		
5.	693	Predicting Customer Satisfaction in Brazil E-commerce: A Comparative Study of Machine Learning Techniques Trilok Nath Pandey, Anirudh Vasudev, Dennis Sagayanathan, Govind Anjan, Danish Arshad and Sudhansu Shekhar Patra		
6.	764	Machine Learning-based Network Intrusion Detection System Mahsa Mirlashari and Syed Afzal Murtaza Rizvi		
7.	967	A Review on the Importance of Internet of Things in Agriculture Applications Sakshi Painuly and Samir Rana		

S. No.	PID	Details	Presented Author	Remarks
8.	1116	Driver Drowsiness Detection System Using Artificial Intelligence Shraddha and Bharat Bhusan		
Session 2.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us04web.zoom.us/j/71704524452?pwd=Uzf5EkbyUpDdbcpehilaO2iWJdZa7Q.1 Meeting ID: 717 0452 4452 Passcode: sharda				
1.	818	Privacy Preservation of Medical Images Using Hybrid Chaotic Maps P. Suhasini and S. Kanchana		
2.	900	Cloud Computing: Architecture, Vision, Challenges, Opportunities, and Emerging Trends Mahfooz Alam, Suhel Mustajab, Mohammad Shahid and Faisal Ahmad		
3.	916	Terraform: Streamlining Infrastructure Deployment and Management through Infrastructure as Code Abbas Mehdi and Ranjan Walia		
4.	971	Automated Parking Systems: A Review Samir Rana and Sakshi Painuly		
5.	977	Improving IoT Security through Machine Learning Raju and Rajendra Kumar		
6.	1007	TizenRT OS Based Data Compression Algorithms for IoT Devices Tanmoy Roy Chamak, Sachi Kaushik, Shiven Singhal, Aditya Dadheech, A. Anitha, S. Jenicka and Vidisha Thapa		
7.	1053	Comparative analysis of Different Modulation Schemes for LMLC in 5G Scenario Pooja and Naresh Kumar		
8.	1085	Integration of PLCC modem and Wi-Fi for Campus Street Light Monitoring Shagun Tyagi, Konda Hari Krishna, Kapil Joshi, Tanvi Ajit Ghodke, Anshu Kumar and Ashulekha Gupta		
Session 3.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://zoom.us/j/96936237105?pwd=eU55Y1JPUU56TnFDb3ordGxpcDZBQT09 Meeting ID: 969 3623 7105 Passcode: sharda				
1.	917	Enhancing Efficiency through Infrastructure Automation: An In-depth Analysis of Infrastructure as Code (IaC) Tools Milandeep Kour Bali and Ranjan Walia		

S. No.	PID	Details	Presented Author	Remarks
2.	956	Performance Assessment of Multi-Controller in Software Defined Network Machine Learning-Based Ankita Jaiswal, Sudhansu Shekhar Patra, Bibhuti Bhusan Dash, Lalbihari Barik, Trilok Nath Pandey and Manoj Ranjan Mishra		
3.	987	A Review on Effective Detection and Prevention for DDOS Attack in Cloud Virtual Environment Using Honeypot Vidhyasagar B S and Ravula Kartheek		
4.	996	Enhancing Secure Video Transmission and Cloud-Based Storage through Advanced Encryption, Hashing, and Distributed Processing Sanmitra Suryawanshi, Yash Mhaskar, K L P Meghana, Rohan Disa and Vitthal S. Gutte		
5.	1043	Gaining Perspective into Cloud Computing: A Business-Oriented Approach Javed Ahmad, Shahnawaz Ahmad, Mohd. Arif and Mohd Nazim		
6.	1047	Cloud Load Balancing Algorithms Assessment by Response Time Anjali Sharma and K. K. Sharma		
7.	1048	Hybrid Classification Model for Network Traffic Density Estimation Mamta, Monika Poriye and Shuchita Upadhyaya		
Session 4.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us05web.zoom.us/j/88383061301?pwd=XJAMUWGo07S3ia6Kc7HK6fbxWYNabF.1 Meeting ID: 883 8306 1301 Passcode: sharda				
1.	152	Autonomous Vehicle Along With Surrounding Agent's Path Prediction Using CNN-Based Models R V B S Prasanth Kumar, Kethavath Srinivas and Amudha J		
2.	195	A Deep Machine Learning Approach for Intrusion Detection in IoT Akash J. Wadate and S. P. Deshpande		
3.	235	A Novel Heart Disease Prediction System Using XGBoost Classifier Coupled With ADASYN SMOTE Surbhi Sharma and Alka Singhal		
4.	412	Tales of the Rosehip: A Journey Through Neural Networks and Whispering Forests		

S. No.	PID	Details	Presented Author	Remarks
		Arshleen Kaur, Vinay Kukreja, Aditya Verma, Devyani Rawat and Vishal Jain		
5.	504	Blending Forest with Neural Networks: An Insight into Marula Leaf Disease Prediction Arshleen Kaur, Vinay Kukreja, Manika Manwal, Kireet Joshi and Vishal Jain		
6.	602	Managing Metadata in Data Warehouse for Data Quality and Data Stewardship in Telecom Industry – A Compact Survey Bhola Gan Chaudhuri and Shalli Rani		
7.	924	Classification of rotten fruits vs fresh fruits using Sequential model with Convolutional neural network Manorama Chouhan, P S Banerjee, Amit Kumar and Jatin Kushwaha		
8.	999	Kalman Filter to Stabilize Noisy Position Data with Adaptive Covariance Adjustment Based on Prediction Confidence Scaling Joshua Dsouza		
Session 5.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us05web.zoom.us/j/86869082148?pwd=gGNa6Mf52s8avYe6OET028BeefqvMe.1 Meeting ID: 868 6908 2148 Passcode: sharda				
1.	714	An analysis of the effect of feature selection methods on classification Raj Kishor Bisht, Aadershi Mohan and Daivik Mohan		
2.	719	Predicting the severity of Chronic Kidney Disease with J48 Jaya Lakshmi A, Joe Prathap P M, Lokesh K, Dev Anand D, Jagathieshwaran J and Sneha M		
3.	749	Diagnosis of Glaucoma through the analysis of Saccadic Eye Movements employing machine learning methods R V B S Prasanth Kumar, Amudha J and Sajitha Krishnan		
4.	843	Analysing Severity of Breast Cancer using RNA Sequencing Data Aditya Raghavan and Mihika Sonalkar		
5.	880	An Empirical and Statistical Analysis of Regression Algorithms Used for Mental Fitness Prediction Vibha Jamadagni, Darshana Vedavalli, Boppuru Rudra Prathap, S Priyadarshi and Sejal Vasudev		
6.	957	Analysis of Different Variants of Relief Based Algorithms for Feature Selection in Medical Applications		

S. No.	PID	Details	Presented Author	Remarks
		Alok Kumar and Mahipal Singh Choudhry		
7.	1100	Twitter Sentiment Analysis in the Crisis between Russia and Ukraine Using the BERT And LSTM Model Himani Maheshwari, Umesh Chandra, Dharmendra Yadav and Ashulekha Gupta		
Session 6.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us04web.zoom.us/j/79326101764?pwd=VN0HDqQbtlpw0XoQEAbuPxsUtlo6sC.1 Meeting ID: 793 2610 1764 Passcode:sharda				
1.	809	Adoption of AI in Logistics: A Bibliometric Analysis Pradeep Joshi, Ashulekha Gupta, Omdeep Gupta and Sachin Kumar Srivastava		
2.	1008	Machine Learning based Prediction of Psychiatric Disorder Mayank Sharma and Puneet Goswami		
3.	1037	A New Unsupervised Feature Extraction Method for Fault Diagnosis of Machines Nandika Auluck, Seetaram Maurya and Sumit Kumar		
4.	1062	Workout Mentor: Improving posture in real-time using computer vision Umme Aiman and Tanvir Ahmad		
5.	1065	A detailed exploration of Document Image Layout Retention techniques Shweta Singh, Sudeep Varshney and Ankur Chaudhary		
6.	1078	EfficientAD: A Deep Learning approach for multi-stage AD Classification using Transfer Learning Archana Thakran and Yogesh Kumar Gupta		
7.	1083	Enhancing Industrial Load Scheduling through Demand Side Management and Advanced Optimization Techniques Using Neuro-Fuzzy and Deep Learning Approaches Shivani Agarwal, Ritu Sharma, M. Tamilselvi, Harsh Mohan Sharma, Dinesh Prasad Sahu and Jagendra Singh		
8.	1086	A Comprehensive Review of Flower Classification Techniques Using Deep learning Abhilasha Varshney, Sudeep Varshney and Ankur Chaudhary		

S. No.	PID	Details	Presented Author	Remarks
Session 7.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Offline)				
Venue: Block 3, 006B, First Floor				
1.	19	An application domain based review of proposed approaches based on Lidar Image Registration Sujata Yadav, Jerald Nirmal Kumar and Ali Imam Abidi		
2.	50	A Comprehensive Survey on Production of Fabric from the Organic Extract Hunar Sajjan Agrawal, Mokara Praneetha, Anshika Singh and Abha Kiran Rajpoot		
3.	54	Copy-Move Forgery Detection Using HOG and LBP Features with Random Forest Vaibhav Soni and Vibhav Prakash Singh		
4.	78	A Comprehensive review on energy efficient Internet of Things based Wireless Sensor Network Daniel Zinyongo, Sandeep Kumar and Abha Kiran Rajpoot		
5.	154	Cell Counting Based on Image Processing for the Detection of Cancer Clumps Ajay Pal Singh, Parvez Rahi and Shakti Prasad Sethi		
6.	280	Navigating the Gray Area: A Three-Label Framework for Uncovering Uncertainty in Fake News Aman Jolly and Shailender Kumar		
7.	289	Enhanced Approach on Steganography Using Quantum Computing Ayush V Jain, Ayush Singh, Ashirbad Satapathy and S. Prayla Shyry		
8.	301	Malware Detection in Mobile Devices using Hard Voting Ensemble Technique Innocent Barnet Mijoya, Shiraz Khurana, Nishant Gupta and Keshav Gupta		
9.	329	An Investigation on Internet of Things: Smart Grid Technology Framework's Prabhat Srivastava, Alok Agrawal and Prerna Gaur		
10.	394	Unmanned Aerial Vehicles for Crowd Surveillance Md Anzaruddin, Rithya Pisati, Ishita Agarwal, Isha Dangwal, Parma Nand and Rani Astya		
Session 8.1 # 03rd November, 2023, 02:00 p.m. to 04:00 pm (Offline)				
Venue: Block 3, 006B, First Floor				

S. No.	PID	Details	Presented Author	Remarks
1.	584	Convergence to Nash Equilibrium: A Comparative Study of Rock-Paper-Scissors Algorithms Geetika Vadali, M Deekshitha Reddy, Ritu Rani and Poonam Bansal		
2.	612	A Study on User Technology Readiness in the context of E-Banking Lounge Service Anoop Mohanty, Ashwani Panesar, Anup Kumar Srivastava and Rani Astya		
3.	747	Implementation of Trajectory Control Algorithm in a Dynamic Environment Krishna Kant Pandey, Surya Sharma, Renu, Saroj Kumar, Anupam Shukla and Prakash Chandra Sharma		
4.	782	Predicting Parkinson's Disease Risk through Protein and Peptide Level Analysis: An Evidence from EDA and Machine Learning based Approach Kushagra Gupta, Tripti Lamba and Neeraj Garg		
5.	825	Enhancing Digital Investigation: Leveraging ChatGPT for Evidence Identification and Analysis in Digital Forensics Sreya E K, Sakshi and Manisha Wadhwa		
6.	828	A Comparative Analysis of Various Machine Learning Algorithms for Handwritten Digit Recognition Abhi Akshat, Kritika Tripathi, , Devanshi Malik and Hoor Fatima		
7.	1117	Empowering Healthcare Systems Using Machine Learning: Working, Classification and Application Keshav Raj Thakur and Bharat Bhushan		
Session 1.2 # 04th November, 2023, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us05web.zoom.us/j/85807012023?pwd=hz2enxlqbXaZZSPs4Gau4WaHiJl9B.1 Meeting ID: 858 0701 2023 Passcode: sharda				
1.	94	HAXM: A hybrid scheme to predict breast cancer using AdaBoost and XGBoost with Multi-layer Perceptron classifier Anusmita Guchhait, Aashish Verma and Sashi Tarun		
2.	526	Design and Implementation of Real-Time Audio Processing on Zynq-7000 Anush Anand and Rajeshwari B		

S. No.	PID	Details	Presented Author	Remarks
3.	690	An Eco-Driving Technique for Energy Aware Driving With an Electric Vehicle Bapaiah Katepalli, Bedatri Moulik, Ahmed M. Ali and Dirk Soffker		
4.	701	Modelling the Domains of Artificial Intelligence on Social Good: A Study on Analytic-Based Hierarchy Pooja Singh, Ruchi Jain Garg, Pooja Tiwari and Mridul Dharwal		
5.	1103	Enhancing Archeological Building Reconstruction through Image-Based 3D Modeling and LoFTR Hemant Joshi and Subarna Shakya		
6.	1104	Advancements in Unsupervised Feature Learning for Image Data Uttam Karki and Subarna Shakya		
Session 2.2 # 04th November, 2023, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us04web.zoom.us/j/71704524452?pwd=Uzf5EkbyUpDdbcp ehilaO2iWJdZa7Q.1 Meeting ID: 717 0452 4452 Passcode: sharda				
1.	294	Intelligent Music Recommendation System based on Face Emotion Recognition Nandini Gupta, Shruti Agarwal, Kireet Joshi, Surendra Kumar Shukla, Vishan Kumar Gupta and Gurpreet Singh		
2.	505	Automated Mango Type Classification Using CNN-SVM Ensemble: A Deep Learning Approach for Quality Control and Market Analysis in the Mango Industry Yashu, Vinay Kukreja and Karun Madan		
3.	685	Comparison of Proposed Plant Leaf Diseases Detection algorithm with existing state-of-the-art techniques Dipra Mitra and Shikha Gupta		
4.	688	Resume Building Application based on LLM (Large Language Model) Rafael Jace Sunico, Shubh Pachchigar, Vinay Kumar, Ishika Shah, Jingyi Wang and Isabel Song		
5.	709	Hypothesis Problem Solving Using Natural Language Processing Nihal Gupta, Sharvary Salgaonkar, Chahat Kothari, Suraj Parui and Abhijit Joshi		
Session 3.2 # 04th November, 2023, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://zoom.us/j/96936237105?pwd=eU55Y1JPUU56TnFD b3ordGxpcDZBQT09 Meeting ID: 969 3623 7105 Passcode: sharda				

S. No.	PID	Details	Presented Author	Remarks
1.	646	Multi-Scale Optimized Feature Network for Polyp Segmentation Annu Mishra, Ravi Prakash Chaturvedi, Hirdesh Sharma, Ritu Sharma and Sameer Asthana		
2.	711	Enhanced Efficiency and Customer Engagement through the Online Shopping Arcade with Vendor Recommendation and Pre-Booking System Anshika, Adarsh Kumar, Sakashi Thakur, Kartikesh Thakur and Gurwinder Singh		
3.	712	Enhancing Symbol Recognition Accuracy and Efficiency through Machine Learning Approach Harkirat Singh, Prachiv Dixit and Gurwinder Singh		
4.	713	Design and Analysis of Different Behaviors of Autonomous Vehicles using Petrinets Chirag Jitendra Chandnani, RishavRaj and Aantarik Mohapatra		
5.	723	AES Encryption for Secure Storage and Transfer of Patient Health Records using Blockchain Technology Farheen Hasan, Dhananjay Dakhane and Amarsinh Vidhate		
6.	738	Enabling Intelligent Decision Making: Harnessing Advanced Management Strategies for Enhanced Organizational Efficiency and Effectiveness Usman Ahmad Usmani, Mohammed Umar Usmani and Abdullah Yousuf Usmani		
7.	926	Fabrication of Functional Smart Trash Bin Akanksha Mishra, Lavish Kumar Singh, Kone Rachid, Thomas Tankoano and Emmanuel Mumbi		
Session 4.2 # 04th November, 2023, 09:30 a.m. to 11:00 a.m. (Online) Zoom				
Link: https://us05web.zoom.us/j/88383061301?pwd=XJAMUWGo07S3ia6Kc7HK6fbxWYNabF.1 Meeting ID: 883 8306 1301 Passcode: sharda				
1.	318	Performance Analysis of Adaptive Histogram Equalization-based Image Enhancement Schemes Laldinpui Colney, Sandeep Kumar, Mahak Jodwal, Manisha Bharti and Upendra Kumar Acharya		
2.	600	Adapting to Technological Disruption: Challenges and Opportunities for Employment Manpreet Kaur, Roop Kamal Kaur and Jaspreet Kaur		

S. No.	PID	Details	Presented Author	Remarks
3.	607	Empowering Intelligent Manufacturing with the Potential of Edge Computing with NVIDIA's Jetson Nano Esha Gawate and Prachi Rane		
4.	625	Hybrid Deep Learning Model for The Smart Manufacturing Himani Saini and Jasminder Kaur Sandhu		
5.	1042	Entanglement of Bell Diagonal States Induced by Quantum Channels Varsha S. Sambhaje, Suprabhat Sinha and Anju Chaurasia		
6.	1070	An Investigation into the Prediction of Annual Income Levels through the Utilization of Demographic Features Employing the Modified UCI Adult Dataset Md Aminul Islam, Anindya Nag, Nilanjana Roy, Arpita Rani Dey, SM Firoz Ahmed Fahim, Arjan Ghosh		
7.	1071	SMART GRID : An Optimized Greener Energy Ecosystem Using Blockchain , Rashmi Sharma, Vani Tripathi and Gauri Tripathi		
Session 5.2 # 04th November, 2023, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us05web.zoom.us/j/86869082148?pwd=gGNa6Mf52s8avYe6OET028BeefqvMe.1 Meeting ID: 868 6908 2148 Passcode: sharda				
1.	365	A Secure Watermarking Based Image Integrity Verification in IoMT Saeeda Sulfi and Neena Raj N. R.		
2.	502	An Efficient and Robust Facial Image Encryption Algorithm for Biometric Identity Systems Rajeev Kumar and A. Santhanavijayan		
3.	517	Analysis of Face Recognition Technique: Plastic Surgery Altered Face Khushboo Agarwal and Manish Dixit		
4.	721	Enhanced Image De-Hazing Using Novel Hybrid Filtering and Perceptual Fog Density Improvement Jitendra Singh Bhadoria and Deepshikha Agarwal		
5.	921	SubCoPLeD: Superpixel based Color Distribution driven Plant Leaf Disease Detection Vivek Kumar Singh		
6.	1108	EEG Waves Studying Intensively to Recognize the Human Attention Behavior Eyad Talal Attar		

S. No.	PID	Details	Presented Author	Remarks
7.	1110	Demystifying SCADA Security for securing the Critical Infrastructure Avinash Kumar, Rani Astya, Anuj Kumar and Keshav Gupta		
Session 6.2 # 04th November, 2023, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us04web.zoom.us/j/79326101764?pwd=VN0HDqQbtlpw0XoQEAbuPxsUtl06sC.1 Meeting ID: 793 2610 1764 Passcode:sharda				
1.	1091	Predicting Employee Turnover using Decision Tree Models in RapidMiner for a Sustainable Human Resource Management Approach Nandita Goyal, P B Narendra Kiran, Nidhi Singhal, Vibhuti Tyagi, Jagendra Singh and N. Manikandan		
2.	1092	SWARAM: Spectral Waveform Analysis using ResNet for Acoustic Music Genre Recognition Venkata Ramana Murthy Polisetty and R Prasanna Kumar		
3.	1095	An Implementation of Machine Learning Based Healthcare Chatbot for Disease Prediction (MIBOT) Gaurav Ganguly and Sourav Kumar		
4.	1111	Improvement in validation score with loss function for breast cancer detection using Deep Learning Parminder Pal Singh Bedi, Manju Bala and Kapil Sharma		
Session 7.2 # 04th November, 2023, November, 2023, 09:30 a.m. to 11:00 a.m. (Offline) Venue: Block 3, 006B, First Floor				
1.	1030	Dynamic On-Demand Machine Provisioning and Continuous Resource Management Arindam Chatterjee, Priya Dubey and Ashutosh Nigam		
2.	1032	Modelling of a Non-linear Dynamic system using Long Short-Term Memory Richa Sahu, Smriti Srivastava and Rajesh Kumar		
3.	1074	SecAP: Security Analysis of the Artificial Pancreas Melanie Walenda, Alexander Lektorov, Sahaj Saxena, Sajal Bhatia and Navin Kumar		
4.	1113	Revolutionizing Transportation System Using Artificial Intelligence Technique Anuj Kumar Sony and Bharat Bhushan		

S. No.	PID	Details	Presented Author	Remarks
Session 8.2 # 04th November, 2023, November, 2023, 09:30 a.m. to 11:00 a.m. (Offline) Venue: Block 3, 006A, First Floor				
1.	993	Smart Sight: A Supportive system for Sight Challenged Individuals (SSSCI) M Dharmesh, Saranmurthy B, Sriram Kirthivas and M Hemanth		
2.	1114	Empowering Biometrics Authentication System Using Decentralized Blockchain Based Applications Harsh Shukla and Bharat Bhushan		
3.	1118	Leveraging Blockchain Technology for Effective Healthcare Solutions: Requirements, Architecture, Applications and Recent Advances Nitin Kumar and Bharat Bhushan		
4.	1119	AI Driven Sentiment Analysis for Social Media Data Ankit Kumar and Bharat Bhushan		
5.	1120	Augmenting Cyber Security and Fraud Detection Using Artificial Intelligence Advancements Keshav Kumar, Kuldeep and Bharat Bhushan		
6.	1121	Recent Advancements in Image Forgery Detection Techniques: A Review Drishti Malik, Areeb Hasan, Mohammad Mihal, Keshav Gupta and Vishal Jain		
Session 1.3 # 04th November, 2023, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/85807012023?pwd=hz2enxlqbXaZZSPs4Gau4WaHiJl9B.1 Meeting ID: 858 0701 2023 Passcode: sharda				
1.	180	Predictive Method for Diabetes using Machine Learning Ravi Kumar Sachdeva, Bhupendra Thapa, Samriti Vij, Priyanka Bathla and Rakesh Ahuja		
2.	240	Visual Question Generation using Deep learning Snehal Rathi, Atharv Raje, Gauri Ghule, Shruti Sankpal, Soham Shitole and Priyanka More		
3.	253	Prediction of Gross Primary Productivity using Hybrid LSTM-GRU Neural Networks and ERA5-Reanalysis Data Geetika Agarwal, Prमित Kumar Deb Burman, Vrushali Y. Kulkarni and Pranali K. Kosamkar		

S. No.	PID	Details	Presented Author	Remarks
4.	313	Embracing Federated Learning and CNN for Distributed Diagnosis of Lung Diseases: A Novel Approach Varun Jindal, Vinay Kukreja, Devesh Pratap Singh, Satvik Vats and Shiva Mehta		
5.	331	The Impact of Air Pollution on Respiratory Health Results: An Analysis of Asthma and COPD in a Population Study Narayan Vyas, Patange Aparna P., Prasenjit Das and Yash Mahajan		
6.	333	A Study of Transliteration Approaches Anu Chaudhary and Shashi Shekhar		
7.	334	Boundary-based X-Ray Lung Segmentation: A Novel Approach for Improving Accuracy and Efficiency Batoul Aljaddouh, Malathi D and Feisal Alaswad		
Session 2.3 # 04th November, 2023, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us04web.zoom.us/j/71704524452?pwd=Uzf5EkbyUpDdbcpehilaO2iWJdZa7Q.1 Meeting ID: 717 0452 4452 Passcode: sharda				
1.	343	A Machine Learning Approach for Diagnosis of Hepatitis Ravi Kumar Sachdeva, Madhur Jain, Priyanka Bathla and Rakesh Ahuja		
2.	349	Soft Computing Methods for Predicting Component Development System through Software Reusability Sumit Mittal, Tejbir Singh, Ravi Kumar Sharma, Dalip and Parul Gandhi		
3.	369	Machine Learning-Based Approaches for Breast Cancer Prediction Model: Study and Evaluation of Performance Vikas Solanki, Anmol Ghai, Ravi Kumar Sachdeva and Amit Chaudhary		
4.	371	A Federated Learning Approach to Predict Energy Consumption Anushka Mulik, Darsh Mehta, Ronnit Mirgh and Vinaya Sawant		
5.	374	Reviewing the Landscape of Deep Learning Approaches for Breast Cancer Detection Souvik Maiti, Sonam Juneja, Reema Goyal and Navneet Chaudhry		
6.	400	Image analysis of plant stress phenotypes using deep learning and augmented data Manjit Kaur and Upinder Kaur		
7.	1109	Detection of Malware in Automation Using Machine Learning for Threat Handling on Windows-Based Host Machines		

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		Arunabh Barthakur, Bhuyasi Patowary, Rajashree Baruah, Antariksh Borgohain, Diganta Baishya and Saptadeepa Kalita		
Session 3.3 # 04th November, 2023, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://zoom.us/j/96936237105?pwd=eU55Y1JPUU56TnFDb3ordGxpcDZBQT09 Meeting ID: 969 3623 7105 Passcode: sharda				
1.	468	A smart device employs Vgg-16 to identify brain stroke using CT scan images Poonam Shourie, Vatsala Anand and Sheifali Gupta		
2.	478	Hyperparameter Optimization in CNN: A Review Anu Sharma and Dharmender Kumar		
3.	501	Methodological Implementation for Predicting Student Performance Using Data Mining Classifiers and Machine Learning Mini Agarwal and Bharat Bhushan Agarwal		
4.	512	Psychological Restrain for Fault Detection in Reinforcement Learning Himanshi Phour, Neha Gautam and Abhilash Gaurav		
5.	525	Diabetic Retinopathy Detection: A Transfer Learning Based Approach for Accurate Diagnosis Chahil Choudhary, Avinash Mathur and Ruchika Gupta		
6.	527	Optimized Ensemble Machine Learning Model for Chronic kidney Disease Prediction Chahil Choudhary, Lovepreet Singh Nagra, Prasenjit Das, Joybir Singh and Suksham Singh Jamwal		
7.	534	Skin Cancer Classification using Transfer Learning-based Pre-trained VGG16 Model Archana Saini, Kalpna Guleria and Shagun Sharma		
8.	559	Stock Market Trends Analysis using Extreme Gradient Boosting (XGBoost) Priyanka Sharma and Mayank Kumar Jain		
Session 4.3 # 04th November, 2023, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/88383061301?pwd=XJAMUWGo07S3ia6Kc7HK6fbxWYNabF.1 Meeting ID: 883 8306 1301 Passcode: sharda				
1.	571	Detecting Anomaly in ECG signal using Time series Forecast approach Ushac Sree Katikala and R. Ranjith		

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2.	597	Integration of Open-Source Machine Learning Operations Tools into a Single Framework T Vishwambari and Sonali Agrawal		
3.	598	Super Deep Learning Ensemble Model for Sentiment Analysis Sarita Bansal Garg and V. V. Subrahmanyam		
4.	605	Extended ERDBS: Efficient Search for Image Super-Resolution Using Residual Dense Blocks Niraj Kumar, Laxmi and Madhulika Damor		
5.	609	Convolutional Neural Network Based Models for Identification of Brain State Associated with IshaShoonya Meditation Ritu Munjal, Tarun Varshney, Ankur Choudhary and Rohtash Dhiman		
6.	610	Customer Segmentation Using K Means Algorithm and RFM Model Sasidhar chalechema, Madan Lal Saini, Indukumar Perla and Avula Venkata Shivanand		
Session 5.3 # 04th November, 2023, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/86869082148?pwd=gGNa6Mf52s8avYe6OET028BeefqvMe.1 Meeting ID: 868 6908 2148 Passcode:sharda				
1.	623	A Cluster based Recommendation System for MOOCs Mohd Mustafeezul Haque and Bonthu Kotaiah		
2.	630	Machine Learning and Deep Learning Models for Early Detection of Heart Disease Gurpreet Singh, Kalpna Guleria and Shagun Sharma		
3.	636	Facial Emotion Recognition Method Based On Canny Edge Detection Using Convolutional Neural Network Harshith V, Shilpa T and M Siddappa		
4.	640	A Survey on Methodologies and Difficulties in Facial Emotion Recognition RifaTasfia and Rahima Afroze Ritu		
5.	641	Ocular Artefact Removal from Electroencephalogram Signals: A Review Babeetha S and S.S. Sridhar		

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6.	650	An Efficient Methodology for Brain Stroke Prediction using Missing Value Imputation Methods Priyanka Bathla and Rajneesh Kumar		
7.	675	Real-Time Plant Leaf Disease Detection using CNN and Solutions to Cure with Android App. Rohit Chandra Joshi, Vivek Raj Patel, Abhijeet Mishra and Sandeep Kumar		
Session 6.3 # 04th November, 2023, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us04web.zoom.us/j/79326101764?pwd=VN0HDqQbtlpw0XoQEAbuPxsUtl06sC.1 Meeting ID: 793 2610 1764 Passcode: sharda				
1.	143	Assessing the Impact of Financial Inclusion Efficiency on the Sustainable Development Goals Rahul Sharma, Bhakti Agarwal and Shailesh Rastogi		
2.	604	Application of the Coot Optimization Algorithm for Optimal Power Flow Solution Udit Mittal, Uma Nangia and Narender Kumar Jain		
3.	736	Understanding The Errors In Product Test Data And Correcting The Data In Post-Acquisition Analysis Snehal Chaudhari, Shaini Garg and Kedar Purandare		
4.	841	DL-based Secure Wearable Scheme for Remote Patient Data Monitoring in Healthcare 4.0 Fenil Ramoliya, Krisha Darji, Rajesh Gupta, Riya Kakkar, Sudeep Tanwar and Aparna Kumari		
5.	845	Proxy-based Verification of Smart Contracts for Healthcare Domain in Blockchain Environment Keyaba Gohil, Aditya Gohil, Rajesh Gupta, Nilesh Kumar Jadav and Sudeep Tanwar		
6.	1099	Review of Artificial Intelligence-Integrated Blockchain for Training Autonomous Vehicles Amit Kumar and Neha Sharma		
Session 1.4 # 04th November, 2023, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/85807012023?pwd=hz2enxlqbXaZZSPs4Gau4WaHiJl9B.1 Meeting ID: 858 0701 2023 Passcode: sharda				

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1.	684	Soft Computing Approach for Early Diabetic Retinopathy Detection with Modified Water Cycle Algorithm Savariappan. L and R. S. Thiyagarajan		
2.	687	A Comparative Study of Hybrid Deep Learning Techniques for COVID-19 Detection based on Cough Sound Analysis Ramya Polaki and R. Annamalai		
3.	692	3D-MACNet: A Multiscale Asymmetric Convolution Network for Feature Extraction and Classification of Hyperspectral Images Murali Kanthi, K. C. Ravi Kumar, Sammaiah Seelothu, Sudha Pavani K, Nuthanakanti Bhaskar and T. Hitendra Sarma		
4.	704	Image Captioning for Chest X-rays using GRU-Based Attention Mechanism Trinaya Kodavati, G Bharathi Mohan, R Prasanna Kumar and Elakkiya R		
5.	724	Ensuring Trustworthy Machine Learning: Ethical Foundations, Robust Algorithms, and Responsible Applications Usman Ahmad Usmani, Abdullah Yousuf Usmani and Mohammed Umar Usmani		
6.	732	Driver Drowsiness Detection using Deep Learning V. Sree Varshitha, M. Mohamed Iqbal, V. Amrutha and P. Pujitha		
7.	737	Machine Learning application for classification of Brain Tumors through MR images to detect Malignancy Kunal Chanda, Jay Verdhana Tiwari, Souvik Banik and Washef Ahmed		
8.	1094	Artificial Intelligence and Machine Learning in Human Resource Management and Market Research for Enhanced Effectiveness and Organizational Benefits Devadutta Indoria, P B Narendra Kiran, Anuj kumar, Manjusha Goel, Nitin Arvind Shelke and Jagendra Singh		
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Zoom				
Link: https://us04web.zoom.us/j/71704524452?pwd=Uzf5EkbyUpDdbcpehilaO2iWJdZa7Q.1				
Meeting ID: 717 0452 4452				
Passcode: sharda				
1.	751	A Decision Tree Classifier based Ensemble approach to credit score classification Ashok Maurya and Shivam Gaur		
2.	752	Advancements in AI-Assisted Plant Disease Diagnosis		

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		Anmol Chhabra, Tarun Saroch, Ruchika Gupta, Aditya Shukla and Raghav		
3.	754	Genetic Algorithm based Neural Network framework for Fraudulent Transaction detection Ishrat Jahan and Mehul Kumar		
4.	768	Optimization of MRI-Based Residual Network for Prediction of Brain Tumor Disorder using Transfer Learning Kamini Lamba and Shalli Rani		
5.	774	Pneumonia Detection Using Hybrid CNN Model C. Chaitanya Krishna, Rajendran P, C. A. Naga Chaitanya and M. Mohamed Iqbal		
6.	775	A Novel Reinforcement Learning based Optimization Approach for Supply Chain Management D Gowtham Sri Mani Sai, K. Venkatraman, P. Chellammal, Natarajan B and Sridevi R		
7.	786	Detection of Leaf Diseases Based on Ensemble Convolutional Neural Networks PL. Chithra and S. Janes Pushparani		
8.	787	Image Classification Using Federated Averaging Algorithm J. D. Dorathi Jayaseeli, D. Malathi, Batoul Aljaddouh, Feisal Alaswad, Arsh Shah and Dev Choudhary		
Session 3.4 # 04th November, 2023, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://zoom.us/j/96936237105?pwd=eU55Y1JPUU56TnFDb3ordGxpcDZBQT09 Meeting ID: 969 3623 7105 Passcode: sharda				
1.	790	Advances in Dimensionality Reduction Techniques for Face Recognition: A Comparative Analysis G Yashwanth Kiran, Gautam Kumpatla, Annam Sai Kiran, Iqbal Mohammad and Garigipati Rahul		
2.	791	Deep Learning model for 3D LiDAR Point cloud Codec based on Tensor PL. Chithra and S. Lakshmi Bala		
3.	792	Encompassing YOLOv8 and Efficient Net B7 for Automatic License Plate Identification Rohan Reddy B, Gunti Swathi, Engu Himesh and Southarajan S		

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4.	798	Comparative Analysis of Deep Learning, SVM, Random Forest, and XG Boost for Email Spam Detection: A Socio-Network Analysis Approach Akanksha Dhar, K.O. Vedesree Anusha, Arayan Kataria and Mohd Ayan Khan		
5.	812	Outperforming Cryptocurrency Price Prediction using Deep Reinforcement Learning Approach P V R Subba Rao, B Natarajan, R Bhuvaneswari, Vidyabharathi Dakshinamurthi, Oviya I R and Syed Husain		
6.	819	A Multi-Category Content Classification Approach using Distil BERT Transformer and BiLSTM Akanksha Dhar and Ishita Chauhan		
7.	832	Harnessing the Power of Multimodal Physiological Signals and Deep Learning for Stress Monitoring Thanush BV, Ravi Kumar Athota, Divya Varshini A, Radha Komali Devi M, Lakshman D and Sumathi D		
8.	1066	Efficiency Measurement of k-partitioning of Mobile WSN Azad Hossain and Zeenat Rehena		
Session 4.4 # 04th November, 2023, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/88383061301?pwd=XJAMUWGo07S3ia6Kc7HK6fbxWYNabF.1 Meeting ID: 883 8306 1301 Passcode: sharda				
1.	840	A Machine Learning-based Blockchain Model for the Storage of Maternal Health Records and Safety Parthasarathi Pattnayak, Arpeeta Mohanty, Tulip Das and Sanghamitra Patnaik		
2.	846	Sustainable Coffee Production: A Federated Learning Framework with CNN for Disease Detection and Classification Varun Jindal, Vinay Kukreja, Abhishek Bhattacharjee, Umang Garg and Shiva Mehta		
3.	848	Agricultural Innovation: Unleashing Federated Learning CNNs on Coffee Leaf Disease Severity Analysis Varun Jindal, Vinay Kukreja, Abhishek Bhattacharjee, Samir Rana and Shiva Mehta		
4.	855	Accurate Classification of Ovarian Cyst using Topic Modeling Aditi Gupta and Hoor Fatima		

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5.	861	Machine Learning-Based Heart Disease Diagnosis: Feature Selection Strategy Ataur Rahman Shah Fakir, Ratna Akter Jui, Md. Suman Reza, Rafsan Ahmed, Mohammad Shamsul Islam and Md. Rakibul Islam		
6.	872	Analysis and Study of Conventional and Advanced Image Segmentation Techniques for Machine Learning-based Leaf Disease Detection and Classification Sreya John and P. J. Arul Leena Rose		
7.	881	Predicting Gender and Age from Gurmukhi Handwriting Samples using Convolutional Neural Networks Aarti Pandey, Manish Kumar Jindal and Rupinderpal Kaur		
8.	891	Optimization of DG with Enhanced Elephant Herding Optimization in Distribution Network Vinod Chouhan and Ritula Thankur		
Session 5.4 # 04th November, 2023, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/86869082148?pwd=gGNa6Mf52s8avYe6OET028BeefqvMe.1 Meeting ID: 868 6908 2148 Passcode: sharda				
1.	895	An Effective Machine Learning Technique for Rice Leaf Disease Detection Divya Chikati, Rajasekhar Reddy Manyam and Ram Kumar Kancharla		
2.	906	A review: Cattle Breed and Skin Disease Identification Using Deep Learning Krishna Tikarya, Yash Vilas Jain and Dhiraj Bhise		
3.	907	Detecting Fruit Diseases using Deep Learning and Image Analysis Tushar P Pareek, Deep Dobariya, Tanay Mahajan and Dhiraj Bhise		
4.	952	Unveiling Deeper Petrochemical Insights: Navigating Contextual Question Answering with the Power of Semantic Search and LLM Finetuning Krishi Pallab Saikia, Debdeep Mukherjee, Saranik Mahapatra, Prasun Nandy and Rik Das		
5.	962	Enhancing Accuracy in Detection of Meningioma Tumour Using ResNet 50 Deep CNN Model Retinderdeep Singh and Chander Prabha		

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6.	972	An Effective Method for Forecasting Crime Analysis using Deep Learning Classifiers K. Muthumanickam, B. Selvalakshmi, P. Vijayalakshmi and P. Nareshkumar		
7.	985	Dermcare - Skin Disease Classification from Image Vishnupriya Arora, Aleen Johnson, Lakshita Aggarwal , Puneet Goswami and Sana Alam		
9.	1001	A Stacked Meta Classifier Approach for Predicting Cardiovascular Diseases Nisha Joseph, Ajil A, Anooja Ali, Nithin Ramakrishnan and Meenakshi Sundaram A		
8.	1022	A Review of Deep Learning based Intrusion Detection Systems Rekha Jangra and Abhishek Kajal		
Session 6.4 # 04th November, 2023, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us04web.zoom.us/j/79326101764?pwd=VN0HDqQbtlpw0XoQEAbuPxsUtlo6sC.1 Meeting ID: 793 2610 1764 Passcode:sharda				
1.	217	A Review on Detection and Prevention of the DDoS Attacks in the Blockchain Hansa Vaghela and Vivek Khirasaria		
2.	442	Power Consumption Model for 802.11 Frame Transmissions Anavind K, Ranjith R and Jeena K Jose		
3.	531	knowCC: Knowledge, awareness of computer & cyber ethics between CS/non-CS university students Naresh Kshetri, Vasudha and Denisa Hoxha		
4.	545	Comparative Study of DDoS Detection and Mitigation Techniques Mandhar Goel, Anmol Garg, Brahmtej Mohanty, Pankaj Kumar and Preeti Dubey		
5.	608	Random Forest Based Malware Detection Using Java Microservices Mandhar Goel, Subodh Thakur, Nishant Kumar, Nishant Gupta and Keshav Gupta		
6.	1003	A Comprehensive Study based on Routing Protocols and data transmission in M-WSN Environment Kamalinder Kaur and Sandeep Kang		

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7.	1004	Machine Learning Techniques for the Prediction of Cyber-Attacks Rishabh Verma and Bharti Thakur		
8.	1006	Efficient Scheduling Strategies: A Comparative Study of LEACH and REACT-LEACH Clustering Mechanisms Ullas P. and K. S. Shiva prakasha		