ICSCCC 2023 SCHEDULE
Keynote Address #1
by
Prof. Abdul Q Ansari
Jamia Millia Islamia New Delhi

11:30 AM to 12:30 AM
26 May 2023 (Friday)

On
"Neutrosophic Logic: A New Paradigm in Soft Computing"

Join with: Third International Conference on Secure Cyber Computing and Communications - YouTube

Day 1: 26, May 2023 (Friday), Time: 14:15-15:45

Session I:	**Room #CS-208**
Session Chairs:	**Prof Moin Uddin,** Apeejay Stya University Gurugram
	Dr Jagdeep Kaur, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
1	1266	14:15	**S. Vaishnavi, Nandikaa Shanmugam, Galla Kiran and A. Saraswathi Priyadharshini** - *Dependency analysis of various factors and ML models related to Fertilizer Recommendation*
2	3380	14:30	**Naman Garg, Ankur Kumar and Harish Parthasarathy** - *Simulation of Quantum filter for estimating the spin of an electron*
3	529	14:45	**Mrityunjay Singh, Amit Kumar Jakhar, Aashima Juneja, and Shivam Pandey** - *Machine learning based framework for cryptocurrency price prediction*
4	1305	15:00	**Nitin Sharma and Amrit Lal Sangal** - *Machine Learning Approaches for Analysing Static features in Android Malware Detection*
5	6368	15:15	**Abhishek Rana and Amandeep Kaur Sohal** - *Virtual Channel Attack by Hardware Trojan in NoC-based TCMP and its Impact Analysis*
6	6505	15:30	**Harshpreet Kaur and Aruna Malik** - *Review on Cognitive Computing Techniques in Healthcare*

Session II:	**Room #CS-303**
Session Chairs:	**Prof Ajay K Sharma**, NIT Delhi
	Dr Shefali Arora Chouhan, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
7	6454	14:15	**Shefali Bajaj and Lalatendu Behera** - *Predictive Modeling of Cardiovascular Disease using Machine Learning Techniques*
8	8784	14:30	**Chudi Dhruv, M Hemanth Kumar, M Shashank Reddy, J Deva Paul and Anand Kumar M** - *Framework for Bank Loan Re-Payment Prediction and Income Prediction*
9	9069	14:45	**Doney Abraham, Filip Holik, Santiago Sanchez, Alemayehu Gebremedhin Sule Yildirim Yayilgan, Acevedo** - *Cyber Attack Simulation and Detection in Digital Substation*
10	4524	15:00	**Ram Govind Singh and Naveen Kumar D** - *ESUL analyzer for inceptive threat identification and mitigation*
11	1735	15:15	**Susmita Mahato** - *Snake-Stega: A snake game-based steganography scheme*
12	4724	15:30	**Prakhar Bharadwaj, Ragesh Gupta, Ravi Gurjar and Anurag Singh** - *Importance of CURE Clustering Algorithm over K-Means Clustering Algorithm for Large Data-set*

Day 1: 26, May 2023 (Friday), Time: 14:15-16:15

Session III:	**Google Meet Link (https://meet.google.com/xiv-rrre-hmo)**
Session Chairs:	**Prof Arvinder Kaur,** IP University Delhi
	Dr Banalaxmi Brahma, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
13	4811	14:15	**Shreeyeshi Goswami, Rakshit Pandey, Shubhangi Nagar and Anuj Kumar -** *Blockchain-based voting system – A Review*
14	4743	14:30	**Ankur and Rajeev Kumar -** *Adaptive Two-Stage Reversible Data Hiding in Encrypted Images using Prediction Error Expansion*
15	2630	14:45	Swati Devliyal, Himanshu Rai Goyal, Sachin Sharma - *Cyber Attack Detection Techniques in Cyber Physical System for Pharmaceutical Care Services*
16	2194	15:00	**Joney Kumar -** *Hybrid Feature-Based Machine Learning Method for Phishing URL Detection*
17	1597	15:10	**M. Sharon Nisha, N. Raja Priya, G. Rajakumar, R. Shirly Myrtle and A. Muthulakshmi -** *Blockchain-Enabled Privacy and Homomorphic Encryption with Voting Classifier in IIoT*
18	2569	15:35	**Bhuvaneswar Dharmasivam, Shipra Anil Mathur, Shivam Isarka and Jaidhar C. D**. - *Analysis of Tweets for Cyberbullying Detection*
19	7879	15:45	**Adarsh Madhukumar Vidya, Sai Deeraj D., Sarveshwaran G., Mukesh S. S., K. R. M. Vijaya Chandrakala -** *Identification of False Data Injection and Man in the Middle Cyber-Attacks Impact on Smart Grid*
20	1308	16:00	**Rajesh Nayak and Jaidhar C. D. -** *Micro-Moment Classification for Anomalous Power Consumption Detection using 1D CNN*

Session IV: **Google Meet Link (https://meet.google.com/uai-cemj-gqn)**
Session Chairs: **Prof. Sanjeev Sofat,** PEC Chandigarh
Dr Prashant Kumar, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
21	6618	14:15	**Kruthika, Trisiladevi C. Nagavi and P. Mahesha -** *A Review on Condition Assessment Methods of Ball Bearing*
22	2670	14:30	**Ankur Biswas and Rita Banik -** *Estimating Risk Levels and Epidemiology of Diabetic Retinopathy using Transfer Learning*
23	1283	14:45	**Deepti Sharma and Narendra Kohli -** *WFDB Software for Python: A toolkit for physiological signals*
24	9475	15:00	**Kruthika S.G., Trisiladevi C. Nagavi and P. Mahesha -** *Voice Comparison Approaches for Forensic Application: A Review*
25	1590	15:15	**Kirti Bhandari, Kuldeep Kumar and Amrit Lal Sangal -** *Artificial Intelligence in Software Engineering: Perspectives and Challenges*
26	1192	15:30	**Deepak Kholiya, Piyush Bagla, Amit Kumar Mishra, Neha Tripathi and Neeraj Kumar Pandey -** *Sustainable Development of Smart Farming and Agriculture Business using Data Mining*
27	6013	15:45	**Suneeta Singh and Kuldeep Kumar -** *Software Cost Estimation: A Literature Review and Current Trends*
28	1842	16:00	**Lubhavika Parashar, Kishor Kumar and Payal -** *Modeling of Curriculum using Petri Nets*

Day 1: 26, May 2023 (Friday), Time: 14:15-16:15

Session V: **Google Meet Link (https://meet.google.com/hkr-wdfs-yfw)**
Session Chairs: **Prof. Manju Bala**, KCET Amritsar
Dr Shveta Mahajan, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
29	8605	14:15	**Rashika Gupta & R. K.Agrawal -** *A Comprehensive Survey on Image Security using Encryption Techniques*
30	6037	14:30	**Praveen Kumar, Prateek Ravi, Rajeev Kumar -** *Reversible Data Hiding for Interpolated Images using CNN based Nearest Neighbour Interpolation*
31	4192	14:45	**Priyanka Verma, Nitesh Bharot, Nisha Chaurasia, Sanjeev Kumar Gupta -** *A Review on Security Trends and Solutions Against Cyber Threats in Industry 4.0*
32	3885	15:00	**Sandeep sarowa, Y. Sapru, Vijay Kumar, Bhisham Bhanot, Munish Kumar -** *Vulnerability Assessment in Growing Education Ecosystem*

33	1942	15:15	**Lavanya S, C Santhosh Kumar, Mrudula G B, Siby Gopinath and A Anand Kumar -** *Improving the Performance of ECG based Sleep Apnea Screening System using Signal Decomposition and Decision Fusion*
34	2118	15:30	**Aditya Vikram Agarwal, Vaibhav Singh, Ananya Kamboj, Aditya Sirohi and Anjula Mehto -** *Development of A Women Safety Smartphone Application- SAKHI*
35	7496	15:45	**Aniruddh A, and Prabhu E -** *Error Resolving in SRAM Emulated FPGA using CRC*
36	468	16:00	**Govind Agarwal, Chirag Goel, Kritika Jindal and Subbulakshmi T -** *Visualisation and Classification of Phishing URL using Ensemble Learning Algorithms and Hyper-Parameter Tuning*

Session VI:	**Google Meet Link (https://meet.google.com/ixy-ozfy-ebv)**
Session Chairs:	**Dr Karan Verma**, NIT Delhi
	Dr Nagendra Pratap Singh, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
37	6484	14:15	**Shweta Agarwal, Raman Chadha and Bhoopesh Singh Bhati -** *EMG Feature Selection Approach to Improve Classification Accuracy – A Review*
38	1738	14:30	**Om Prakash Kurmi, Manasi Gyanchandani, Nilay Khare and Arvind Pillania -** *Classification of Amyotrophic Lateral Sclerosis Patients using speech signals*
39	6400	14:45	**Yaswanth Gangula and Abdul Majeed K K -** *Detection, Classification and Counting RBCs and WBCs Using Deep Learning*
40	7263	15:00	**Sanjay Roka and Manoj Diwakar -** *DCT: A lightweight approach for the real-time video anomaly detection in multi camera*
41	2470	15:15	**Gayathiri RR and Nirmala Devi M -** *Unsupervised Anomaly Detection to handle Imbalanced Datasets using Auto encoders for ECG signal Classification*
42	559	15:30	**Sonal Agrawal and Pragati Agrawal -** *Detection of Pneumonia Cases from X-ray Chest Images using Deep Learning Based on Transfer Learning CNN and Hyperparameter Optimization*
43	5287	15:45	**Sonu Kumar, Soham Bhardwaj and Dinesh Kumar Vishwakarma -** *Face Restoration Via Generative Adversarial Networks*
44	5598	16:00	**Harshal Shridhar Kallurkar and B R Chandavarkar -** *Transaction fee forecasting in post EIP-1559 Ethereum using 1-D Convolutional Neural Network*

Day 1: 26, May 2023 (Friday), Time: 16:00-17:45

Session VII:	**Room #CS-208**
Session Chairs:	**Prof. Geeta Sikka**, NIT Delhi
	Dr Aruna Malik, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
45	7351	16:00	**Abdul Kalam, Samayveer Singh and Aviral Sangal -** *5G Traffic Forecasting using Federated Learning*
46	8884	16:15	**Arti Bahuguna, Shalom Ben Tenzing Namchyo, Mahesh Chandra Govil. Gopa Bhaumik and Deepak Kumar Chaudhary -** *Local Neighbourhood Average Pattern: A Handcrafted Feature Descriptor for Hand Gesture Recognition*
47	7415	16:30	**Sujay Bansal and Mohit Kumar -** *Deep Learning-based Workload Prediction in Cloud Computing to Enhance the Performance*
48	3954	16:45	**Ishu Priya and Nisha Chaurasia -** *Estimating the Effectiveness of CNN and Fuzzy Logic for Signature Verification*
49	7537	17:00	**Sanjiv Sonawane and Kunwar Pal -** *Area-coverage path planning for unmanned aerial vehicles: A Review*
50	9894	17:15	**Om Prakash Suman, Lakshya Kumar Saini and Sandeep Kumar -** *Cloud-Based Data Protection and Secure Backup Solutions: A Comprehensive Review of Ensuring Business Continuity*
51	8002	17:30	**Najam Ul Saaqib, Gunika and Harsh Kumar Verma -** *Analysis of Sentiment on Amazon Product Reviews*

Session VIII: **Room #CS-303**
Session Chairs: **Prof. Mayank Dave,** NIT Kurukshetra
                  Dr Anurag Singh, NIT Delhi
                  Dr Urvashi, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
52	2065	16:00	**Ruchika Arora, Indu Saini and Neetu Sood -** *Dual-Encoder framework for multi-abnormality classification of VinDr-CXR dataset*
53	173	16:15	**Simranjit Bhumbla, D K Gupta and Nisha -** *A Review: Object Detection Algorithms*
54	2240	16:30	**Amit Kumar,Tushar Ranjan and Sanjeev Raghav -** *Building conversational Question Answer Machine and comparison of BERT and its different variants*
55	7110	16:45	**Tushar Rathore, D K Gupta and Neeraj Kumar -** *Smart Irrigation System Using IoT*
56	1733	17:00	**Arbab Ali, Noor Ul Ain, Kuldeep Kaur and Abhishek Kumar Shukla -** *Design and Implementation of an IoT-based AI Surveillance Car with Obstacle Detection, Line Following, and Live Streaming*
57	3049	17:15	**Kamalpreet Kaur and Renu Dhir -** *PCD-Predicting the Coronavirus Using Deep Learning Techniques*
58	9326	15:45	**Promila, Jyothi T and Shilpa Jain -** *TPM based Secure Boot in Embedded Systems*
59	1983	04:00	**Sanjay Kumar, Anjana Gupta, Gurjit Singh Walia -** *Dual Image Reversible Data Hiding: A Survey*

Keynote Address #2
by
Prof. KoKSheik Wong
Monash University Malaysia

10:00 AM to 11:00 AM
27 May 2023 (Saturday)

On
"Complete Quality Preservation Data Hiding"
Join with Google meet: https://meet.google.com/xiv-rrre-hmo

Day 2: 27, May 2023 (Saturday), Time: 11:00-13:00

Session IX: **Google Meet Link (https://meet.google.com/xiv-rrre-hmo)**
Session Chairs: **Prof Maitreyee Dutta,** NITTTR Chandigarh
                  Dr Somesula Manoj Kumar, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
60	4419	11:00	**T Sri Lakshmi Suvarna, N. Navya Sai, S. Dilleswara Rao, G.Gowtham and Ch. Anoosha -** *Enhancing Crop Health by Identifying Leaf Disease with High Accuracy Using CNN*
61	528	11:15	**Farah Alhili, Zahraa N. Bader, Ali H. A and Pardeep Singh -** *Enhancing Prostate Cancer Diagnosis with Multi-class Classification of CT Scan Images*
62	6488	11:30	**Akshaya Nair and Dr. A L Sangal -** *Review Of The Recent Methods For Classification Of Colorectal Polyps Using Computer Aided Diagnosis*
63	3357	11:45	**Radhika Gupta, Maninder Kaur, Nishant Garg, Hari Shankar and Suhaib Ahmed -** *Lemon Diseases Detection and Classification using Hybrid CNN-SVM Model*
64	433	12:00	**Deepak Banerjee, Vinay Kukreja, Shanmugasundaram Hariharan, Vishal Jain and Soumi Dutta -** *CNN-SVM Model for Accurate Detection of Bacterial Diseases in Cucumber Leaves*
65	2911	12:15	**Roli Kushwaha, Gurjit Kaur and Manjeet Kumar -** *Hand Gesture Based Sign Language Recognition Using Deep Learning*
66	3972	12:30	**Sandeep Kumar and Rajneesh Rani -** *Advances in Diabetic Retinopathy Classification using Deep Learning: The Last 5 Years Review*

| 67 | 9656 | 12:45 | **Abhishek Ranjan and Deepak Gupta -** *AgTech Adoption for Irrigation Systems: A Review* |

Session X: **Google Meet Link (https://meet.google.com/uai-cemj-gqn)**
Session Chairs: **Prof Satish Chand,** JNU New Delhi
                     Dr Samayveer Singh, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
68	3842	11:00	**Suraj Gupta, Pardeep Singh and Raj Mohan Singh -** *A firefly-based approach for scheduling of tasks for fog networks*
69	9195	11:15	**Gourav Singhal and Amritpal Singh -** *Probabilistic Data Structure in smart agriculture*
70	6641	11:30	**Priya Kohli, Sachin Sharma and Priya Matta -** *Intrusion Detection Techniques For Security and Privacy of 6G Applications*
71	1479	11:45	**Ritu Sharma, Bhawna Goyal, Harjeevan Singh, and Ayush Dogra -** *Performance evaluation of high-speed integrated fiber-free space optics transmission enabled by DP-32-QAM signals for last mile*
72	1335	12:00	**Rishabh Ranjan Jha, Manvendra Singh, Md. SarfarajAlam Ansari, Kunwar Pal and Mahesh Chandra Govil -** *Development of Energy Efficient Routing Protocol using Genetic Algorithm for IoMT*
73	2586	12:15	**Shivam Bindra and Aruna Malik -** *An Analysis of Anomaly Detection Techniques for IoT Devices: A Review*
74	2445	12:30	**Samara Pires and Cynthia Mascarenhas -** *Cyber Threat Analysis Using Pearson and Spearman Correlation Via Exploratory Data Analysis*
75	7944	12:45	**Surikha Bhetiwal and Santanu Kr. Misra -** *Survey on Task Scheduling with Ant Colony Optimization*

Day 2: 27, May 2023 (Saturday), Time: 11:00-13:00

Session XI: **Google Meet Link (https://meet.google.com/hkr-wdfs-yfw)**
Session Chairs: **Dr Shailendra Kumar Verma**, DTU New Delhi
                     Dr Lalatendu Behera, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
76	8850	11:00	**Anshul Kumar, Dr. Rajesh Wadhvani, Dr. Akhtar Rasool and Muktesh Gupta -** *Quantile Regression in Machine Learning: A Survey*
77	4887	11:15	**Sujatha M and Jaidhar C.D -** *CNN-based Soil Fertility Classification with Fertilizer Prescription*
78	6178	11:30	**Pawan Kumar Patidar, Deepak Singh Tomar , R.K.Pateriya and Yogesh Kumar Sharma -** *Precision Agriculture: Crop Image Segmentation and Loss Evaluation through Drone Surveillance*
79	3101	11:45	**Zaheeruddin Syed, Kanneboina Siddhartha, ThotaRahul, Aragonda Sneha, Ellandala Jhansi and K. Suganthi -** *Fuzzified Contrast Enhancement and Segmentation for Nearly Invisible Images*
80	1084	12:00	**Akshay Mool, Jeebananda Panda and Kapil Sharma -** *Comparative Analysis of Face Detection Techniques On Videos of Low Vs High Quality*
81	6045	12:15	**Prashant Singh, Jyoti Srivastava, Jay Prakash and Rahul Chakravorty -** *Lumpy Skin Disease Virus Detection on Animals Through Machine Learning Method*
82	1054	12:30	**Hussain Manasi , Amit Kumar, Varsha Kushwah and Pragati Agrawal -** *A comparative study of the various optimizations applied on an LSTM for the application of Stock Price Predictions*
83	1655	12:45	**Avinash Jha and Ananthanarayana V. S. -** *Diabetic Retinopathy Severity Classification based on attention mechanism*

Session XII: **Google Meet Link (https://meet.google.com/ixy-ozfy-ebv)**
Session Chairs: **Prof A L Sangal,** NIT Jalandhar
                     Dr Avtar Singh, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
84	4543	11:00	**Deepak Dhingan, Santanu Ghosh, Banavath Balaji Naik, and PratyayKuila -** *Energy and*

			Delay Efficient Partial Offloading for UAV-assisted MEC Systems using Differential Evolution Algorithm
85	2360	11:15	**M. Raju, M. V. Surya Prasad, Harsha Vardhan Reddy, Lakshmi Prasanna Kodari, and Ch. Rohith -** *Exploring the Superior Performance of NOMA: A Comparative Study of Wireless Communication Techniques*
86	8595	11:30	**Devika Jaiswal, Kunj Arora, Manan Varshney and Trasha Gupta -** *A Hybrid Method for Network Intrusion Detection*
87	9117	11:45	**Sheela Shiva Sai Vardhan, E.Susmitha, Bheemavarapu Bhanu Rekha Reddy and Bandi Prashanth -** *Implementing a D2D e-Network Using Fuzzy C Means Clustering for Emergency Situations*
88	701	12:00	**Praneetha P Bhat and Geetha V -** *Performance analysis of PSO for solving coverage problem in WSN*
89	2050	12:15	**Yashwant Nogia, Samayveer Singh, and Vikas Tyagi -** *Multifactor Authentication Schemes for Multiserver Based Wireless Application: A Review*
90	3731	12:30	**Surender Singh and Naveen Bilandi -** *Energy Efficient Routing Methods in Wireless Body Area Networks: A Brief Study*
91	6600	12:45	**Chandan Kumar Sah and B. R. Chandavarkar -** *Adoption of Blockchain Technology in Land Registry Systems*

Keynote Address #3
by
Prof. Chia-Chen Lin
National Chin-Yi University, Taiwan

2:30 PM to 3:30 PM
27 May 2023 (Saturday)

On
"Deep Learning based Secret Sharing"

Join with Google meet: https://meet.google.com/xiv-rrre-hmo

Day 2: 27, May 2023 (Saturday), Time: 15:30-17:30

Session XIII: **Google Meet Link (https://meet.google.com/xiv-rrre-hmo)**
Session Chairs: **Prof Harsh K Verma,** NIT Jalandhar
                          Dr Krishna Pal Sharma, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
92	2259	15:30	**Vinay Kukreja, Rishabh Sharma and Satvik Vats -** *Early Detection and Prevention of Mustard Downy Mildew Disease using a Hybrid CNN-LSTM Model*
93	1538	15:45	**Anurag Dutta, John Harshith, Pijush Kanti Kumar, Yash Soni, Liton Chandra Voumik, and A. Ramamoorthy -** *Tagging of Quarks to Particle Shower Imagery vis-à-vis Intelligent Learning*
94	860	16:00	**Rishita Raj, Rajesh Wadhvani, Akhtar Rasool, Muktesh Gupta -** *Quantile Regression Approach in Analysis of Factors Affecting Song Popularity*
95	6661	16:15	**Vishal Kumar Verma, Hima Sagar Janagama and Nagamma Patil -** *An Efficient Rainfall Prediction Model Using Deep Learning Method*
96	7129	16:30	**Shashikant Kumar, Kunal Singh Lohiya and Nagamma Patil -** *Forecasting the Fury: A Deep Learning Approach to Predicting Cyclone Intensity*
97	1340	16:45	**Deepak Banerjee, Vinay Kukreja, Satvik Vats,Vishal Jain and Bhawna Goyal -** *Enhancing Accuracy of Yellowing Disease Severity Level Detection in Coconut Palms with SVM Regularization and CNN Feature* Extraction
98	7903	17:00	**Dipika Gupta and Manish Kumar -** *A comparative study of Deep Learning based Frameworks in Moving Object Segmentation*

| 99 | 7606 | 17:15 | **Vanishka Kadian, Arushi Singh and Kapil Sharma** - *A Robust Colon Cancer Detection Model Using Deep-Learning* |

Session XIV: **Google Meet Link (https://meet.google.com/uai-cemj-gqn)**
Session Chairs: **Dr Renu Dhir**, NIT Jalandhar
                          Dr Amritpal Singh, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
100	4007	15:30	**Anurag Dutta, John Harshith, Athilingam Ramamoorthy and Pijush Kanti Kumar** - *A Proposition to Advance Martian Manned Mission*
101	7819	15:45	**Amar Prakash Patil, Joshitha Devarakonda, Manognya Singuru, Smriti Tilak and Dr. Shruti Jadon** - *XAI for Securing Cyber-Physical Systems*
102	811	16:00	**Jyoti Maurya and Shiva Prakash** - *Privacy Preservation in Federated Learning, its Attacks and Defenses using SMC-GAN*
103	486	16:15	**Jhanvi Desai, Manavi Marnad, Srishti Jena and Dr. Rachana Avinash Dhannawat** - *SumTool: A hybrid pipeline approach to summarise various resources*
104	6110	16:30	**Sancheti Ramteke and Deepti Shrimankar** - *Increase sustainability of Indian agriculture by analyzing production*
105	2210	16:45	**P. Naveen, S. NithyaSai and B. Nataraj** - *Implementation of Extreme Learning Machine and Software as a Service for Recognition of Tamil Handwritten words*
106	4000	17:00	**Sristi Mitra, Zishnendu Sarker, Priyanka Patel and Pawan Singh Mehra** - *Multi-factor Assymetric Key Encryption(MAKE) for Mutual Authentication in Internet of Medical Things*
107	2060	17:15	**Putta Ritheesh, Neel Kamal Kumar and Kanwaljet Singh** - *Smart Classroom: Real time Monitoring of classroom through IoT*

Day 2: 27, May 2023 (Saturday), Time: 15:30-17:30

Session XV: **Google Meet Link (https://meet.google.com/hkr-wdfs-yfw)**
Session Chairs: **Dr Indu Saini,** NIT Jalandhar
                          Dr Rajneesh Rani, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
108	3768	15:30	**Shaikh Siddiq, Kamalpreet Kaur and Renu Dhir** - *Automatic Detection of Cloudy and Non Cloudy SAR Images using Convolutional Neural Networks*
109	9531	15:45	**Shivanshu Minz, Ritika Kanojia, Tushar Yadav and N.Jayanthi** - *Enhancing Accuracy in Handwritten Text Recognition with Convolutional Recurrent Neural Network and Data Augmentation Techniques*
110	3015	16:00	**Masabathula V S Raghavendra Rao, Surya Puligundla, Nikhil Sai Ekkala and Srilatha Chebrolu** - *Image Classification of Ischemic Stroke Blood Clot Origin using Stacked EfficientNetB0, VGG19 and ResNet152*
111	5021	16:15	**Sanjay Roka and Manoj Diwakar** - *D-CViT: A lightweight denoising approach for the real-time video anomaly detection*
112	8585	16:30	**Kanak Manjari, Animesh Animesh, Madhushi Verma and Gaurav Singal** - *Path Texture Detection for Visually Impaired using Transfer Learning*
113	4047	16:45	**Vishan Kumar Gupta, Vikas Tyagi, Priyank Pandey, Richa Gupta and Dinesh Kumar** - *Multilevel Face Mask Detection System using Ensemble based Convolution Neural Network*
114	6351	17:00	**Samarth Gupta, Geeta Sikka and Aruna Malik** - *A Review on Deep Learning-Based Polyp Segmentation for Efficient Colorectal Cancer Screening*

Session XVI: **Google Meet Link (https://meet.google.com/ixy-ozfy-ebv)**
Session Chairs: **Dr Dilbagh Singh,** NIT Jalandhar
                          Dr Naveen Kumar Gupta, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
115	2207	15:30	**Soorya Prabha Mohan & Jaya Nirmala S** - *A prescriptive analytics approach for tool wear monitoring using machine learning techniques*

116	8523	15:45	**Megha Bhushan, Raj Krishna, Manimit Haldar, Shreya Umrao, Priyanka Garg and Tanya Rajpoot** - *Machine Learning based Prediction of Liver Disease*
117	1592	16:00	**Megha Bhushan, Aariyan Sahu, Gracee Ranjan, Subham sharma, Khushi Sharma and Arun Negi** - *Prediction of Health Status using Machine Learning Techniques*
118	7499	16:15	**Lakshya Kumar Saini and Rajneesh Rani** - *Trends and Future Directions for Tuberculosis Detection Research: A Study from 2018 to 2022*
119	8345	16:30	**Chandradeep Bhatt, Akash Sayana, Rahul Chauhan and Teekam Singh** - *Text Extraction & Recognition from Visiting Cards*
120	300	16:45	**Priyadarshini N and Aravinth J** - *Emotion Recognition based on fusion of multimodal physiological signals using LSTM and GRU*
121	8431	17:00	**Kavita Bhatt, N. Jayanthi and Manjeet Kumar** - *Machine Learning Based Optimal Feature Selection Technique for Early Stage Prediction of Alzheimer's Disease*

Day 3: 28, May 2023 (Sunday), Time: 9:30-10:45

Session XVII: **Google Meet Link (https://meet.google.com/xiv-rrre-hmo)**
Session Chairs: **Dr Vijay Kumar,** NIT Jalandhar
                            Dr Kunwar Pal, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
122	6140	9:30	**Ochin Sharma, Rajb Gaurang Tiwari, Srikanta Mohapatra, Jayashree Mohanty, Pummy Dhiman and Anupam Nonkra** - *Predicting Agriculture Leaf Diseases (Potato): An Automated Approach using Hyper-parameter* Tuning and Deep Learning
123	1462	9:45	**Vihar Devalla, Arjun Vuppala, Srinivasa Raghavan S, Tejas Kumar S and Arti Arya** - *Temples Restoration using Gated Convolution and Contextual Attention in Generative Adversarial Networks*
124	7558	10:00	**Yogitha Sharma, Rachana P, Bharath B S, Basireddy Mounish Kumar Reddy and Ankireddy Rama Lingeswara Reddy** - *Copy-Move Forgery Localization Using DCT with LoG Filter*
125	599	10:15	**Vishesh Tanwar and Shweta Lamba** - *An Improved Deep Learning Model for Classification of the Multiple Paddy Disease*
126	6672	10:30	**Shailender Kumar, Garvit Kansal, Jatin Pandey and Harmeet Singh** - *Lightweight and Reliable Deep Learning Model for Plant Disease Detection*

Session XVIII: **Google Meet Link (https://meet.google.com/uai-cemj-gqn)**
Session Chairs: **Dr Vishal Sharma,** NIT Jalandhar
                            Dr Mohit Kumar, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
127	7050	9:30	**Harshit Raheja, Jahanvi Arora, Sunil Gupta, Prateek Gupta, Adarsh Singh and Archit Nangla** - *Artificial Intelligence-based Security Countermeasures for Internet of Things*
128	8397	9:45	**Tarun Tapadiya, Sayali Patil, Vedant Bairagi, and Dr. P. R. Deshmukh** - *Named Entity Recognition for Weather Domain in the Marathi Language*
129	7477	10:00	**Deepak Upadhyay, Saksham Mittal, Ayushi Jain, Ravi Sharma, Piyush Bagla, Neha Tripathi, and Pallavi Tiwari** - *An Artificial Intelligence Approach in 5G New Radio Beam Enhancement*
130	2941	10:15	**Abdulnaser Khalid Hamzah, Raed Khalid, Ali H. O. Al Mansor and Pardeep Singh** - *Ensuring Trust and Security in IoT Systems through Blockchain Integration*
131	7121	10:30	**Kaustuv Mandal and Aruna Malik** - *A Review on Fake News Detection Techniques*
132	7099	10:45	**Pratham, Nikhil Tawar, Nikhil Kansal** - *Study and Comparative Analysis of Data Hiding Methods for Animated GIFs*

Day 3: 28, May 2023 (Sunday), Time: 9:30-11:00

Session XIX: **Google Meet Link (https://meet.google.com/xiv-rrre-hmo)**
Session Chairs: **Prof. Krishan K Saluja,** Panjab University
                            Dr Nisha Chaurasia, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
133	9409	9:30	**Sheetal Takale, Shantanu Payal, Shubham Jagtap, Pranav Jagtap and Aftab Khan -** *Legal Data Assistive Tool Using Deep-Learning*
134	1659	9:45	**Sourabh Patil, Prof. Vishal Bhatnagar and Shyla Singh -** *Evaluation of Machine Learning Algorithms Performance in Comparison to Cloud Privacy Legislation*
135	5775	10:00	**Meenaxi M Raikar, Santosh Reddy,Kailash Angadi, Nagaraj Naik and Abhilash Doddwada -** *Fleet tracking and Geofencing using the Internet of Things (IoT)*
136	2153	10:15	**Talugula Ganesh Reddy, Sirumandla Chethan Sai, Borra Pavan Kumar, Ramineni Teja Venkatesh, Kakani Sathwik and Kanwaljeet Singh -** *Face Recognition Door Lock System Using Raspberry pi*
137	6572	10:30	**Sabah Auda AbdulAmeer, Raed Khalid, Ali H. O. Al Mansor, and Pardeep Singh -** *Hybrid Deep Neural Networks for Improved Sentiment Analysis in social media*
138	9750	10:45	**Rahul Chauhan, Manisha Aeri, Swati Joshi, Deeksha Singh and R.C Joshi -** *A comparative analysis of Deep Learning Algorithms for Breast Cancer Detection*

Session XX: **Google Meet Link (https://meet.google.com/uai–cemj-gqn)**
Session Chairs: **Dr Deepti Kakkar**, NIT Jalandhar
                     Dr Avni Vyas, NIT Jalandhar

S.No.	Paper ID	Time	Authors & Title
139	6909	9:30	**Vinay Kukreja, Rishabh Sharma, Satvik Vats -** *Revolutionizing Rice Farming: Automated Identification and Classification of Rice Leaf Blight Disease using Deep Learning*
140	6837	9:45	**Harsha Nandhini S and Aravinth J -** *Alzheimer's Disease Prediction by Spatio-Temporal Feature Fusion for MRI Data*
141	9093	10:00	**Gaurav Uttam, Prashant Dwivedi and Bibhudendra Acharya -** *High-Speed Enhanced Pipeline Architecture of LEA Light Weight Cipher for Resource Limited Applications*
142	3431	10:15	**Amit Kumar Mishra, Mohammad Wazid, and D. P. Singh -** *Design of a cloud-based security mechanism for Industry 4.0 communication*
143	3203	10:30	**Syed Zaheeruddin and K. Suganthi -** *Image Segmentation using Hybrid Relay Level Sets*
144	892	10:45	**Kusum and Vijay Chahar -** *Convolution Neural Network for Facial Kinship Verification*

Keynote Address #4
by
Prof. Manoj Misra
Indian Institute of Technology Roorkee

11:00 AM to 12:00 PM
28 May 2023 (Sunday)

On
"Recent Advances in Authentication Protocols"

Join with Google meet: https://meet.google.com/xiv-rrre-hmo