

International Conference on “Emerging Trends and Technologies on Intelligent Systems” (ETTIS-2022): Online Mode
22nd – 23rd March, 2022

Venue: CDAC Noida, B-30, Sector 62, Noida

Day 2: 23 rd March 2022, Wednesday	
Timings	Sessions
10:00-12:30	Session-3: Deep Learning, Fuzzy and Neural Systems Invited Talk by Session Chair: Prof. Abhijit Sen, Kwantlen Polytechnic University, Canada
	Session 4: Network Security and Emerging Technologies Invited Talk by Session Chair: Prof. Emil Pricop, Petroleum-Gas University of Ploiesti, Romania
Sessions	
10:30- 1:00	Session 5: AI and ML Invited Talk by Session Chair: Prof. Pravin Chandra, GGSIPU, Delhi
	Session 6: AI and ML Invited Talk by Session Chair: Prof. Gaurav Trivedi, IIT Guwahati
1:00-15:00	Lunch
15:00 –16:15	Valedictory Function

Day 2: 23 rd March 2022, Wednesday (10:00-12:30)		
Session 3: Deep Learning, Fuzzy and Neural System		
S.No.	Author	Paper Title
1	Avik Kundu and Saurabh Bilgaiyan.	Automatic Enhancement of Deep Neural Networks for Diagnosis of Covid-19 Cases with X-ray Images Using MLOps [36]
2	Hibah Ihsan Muhammad, Ankita Tiwari and Gaurav Trivedi.	A Survey of Learning Methods in Deep Neural Networks (DDN) [47]
3	Sandhya Ramakrishnan and Dhinesh L.D.	A study on Deep Learning Frameworks for Opinion Summarization [49]
4	Sudhir Nadda and Rajneesh Kumar Gautam	Hyperspectral Image Prediction Using Logistic Regression Model Regression Model [66]
5	Anfal Hamid Hammad and Azmi Shawkat Abdulbaqi.	Local Binary Patterns Modification for 2D ECG Images Classification Purposes [73]
6	Preeti Sharma and Pramila Rm.	Price Prediction of Ethereum using Time Series and Deep Learning Techniques [87]

Day 2: 23rd March 2022, Wednesday (10:00-12:30)**Session 4: Network Security and Emerging Technologies**

S.No.	Author	Paper Title
1	Navdeep Singh Chahal, Preeti Bali and P.K. Khosla.	Improvisation of Information Systems Security Posture through Continuous Vulnerability Assessment [54]
2	L. Senthil, A.K. Sharma and Piyush Sharma.	Design & Development of Microgrid-Networks for Demand Management System using Fuzzy Logic [56]
3	Ajay Kumar, Sajeesh C. S., Vineet Sharma, Vinod Kumar Boppana, Ajay S Chouhan and Gigi Joseph.	Endpoint Network Behavior Analysis and Anomaly Detection using Unsupervised Machine Learning [71]
4	Revathi A and Dr.S.G. Santhi	Routing based Restricted Boltzmann Machine Learning and Clustering Algorithm in Wireless Sensor Network [76]
5	Pragya Singh, Gaurav Choudhary, Shishir Kumar Shandilya and Vikas Kumar Sihag	Enhancing the Security of JSON Web Token Using Signal Protocol and Ratchet system [84]
6	Nagendra Singh, Chintala Srujan, Dhruva J Baruah, Divya Sharma and Rajesh Kushwaha	Light weight approach for agnostic optimal route selection [91]

Day 2: 23rd March 2022, Wednesday (10:30-01:00)**Session 5: AI and ML**

S.No.	Author	Paper Title
1	Md Imtiaz Ahmed	Analysis of Patient Tuberculosis Tenet Death Reason and Prediction in Bangladesh using Machine Learning [22]
2	Tanav Aggarwal, Nonita Sharma and Naveen Aggarwal	Gunshot Detection and Classification using a Convolution-GRU based approach [25]
3	Suparna Parua Biswas, Soumojit Roy and Dr Nabarun Bhattacharyya.	Non-destructive Quality Evaluation of Litchi fruit using E-Nose System [46]
4	Madhuri Gupta, Divya Srivastava, Deepika Pantola and Umesh Gupta	Brain Tumor Detection using Improved Otsu's Thresholding Method and Supervised Learning Techniques at Early Stage [62]
5	Sachin Bhat	An SVM based approach for the quality estimation of Udupi jasmine [74]

Day 2: 23rd March 2022, Wednesday (10:30-01:00)**Session 6: AI and ML**

S.No.	Author	Paper Title
1	Selin Sara Varghese, Manjiri Kherdekar, Benitta Mariam Babu and Prof. Archana Shirke	EmotiSync: Music Recommendation System using Facial Expressions [6]
2	Sudhanva Rajesh, Ashwath Krishnan and Natarajan S.	Sign2Sign: A Novel Approach Towards Real-Time ASL to ISL Translation [21]
3	Rakesh Savant, Jitendra Nasriwala and Preeti Bhatt	Different skin tone segmentation from an image using KNN for Sign Language Recognition [27]
4	Sakshee Sawant, Prathamesh Jadhav, Jayesh Shadi, Trupti Sonawane, Dr. Nadir Charniya and Anjali Yeole	M-Vahitaram: AI based Android Application for Automated Crowd Control Management In Bus Transport Service [33]
5	Richa Singh, Saravanakeerthana Perumal and Siddhi Rawal	Handling Cold-start Problem in Restaurant Recommender System using Ontology [72]