

2nd International Conference on Cybernetics, Cognition & Machine Learning Applications (ICCCMLA) (29th -30th August 2020)

Programme Schedule



Day 1 (29th Aug 2020)

10.00 AM - 12.00 PM - IOT and Smart Communication Track 1

Joining Link - <https://zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09>

Meeting ID: 973 1586 6288 (Pass code: 746733)

S. No	Paper ID	Title of the Paper
1	7	IOT Smart Locker
2	41	HARfog: An Ensemble Deep Learning Model for Activity Recognition leveraging IoT and Fog Architectures
3	46	Potential Use-Cases of Natural Language Processing for a Logistics Organization
4	57	MANET based communication system using Zigbee and LoRaWAN protocols for IoT applications in Remote Locations
5	65	IOT based patient vital measuring system
6	68	Fabrication of IoT System for Structural Health Monitoring Considering Maintenance 4.0
7	70	E-waste Management and Sustainability through IoT
8	98	Review on Unit Selection based Concatenation approach in Text to Speech Synthesis System
9	100	Enhancing the Security of Confidential Data using Video Steganography
10	115	Enhancement of Mammogram images using CLAHE and Bilateral Filter Approaches
11	139	Temporal localization of topics within videos
12	169	Modeling and simulation of automatic centralized micro grid controller
13	170	Massive video classification with neutral neural networks
14	171	The VLSI realization of sign-magnitude decimal multiplication efficiency

10.00 AM - 12.00 PM - Data Science and Deep Learning Track 2

Joining Link - <meet.google.com/ccw-djtz-aty>

S. No	Paper ID	Title of the Paper
1	29	A Deep Learning Technique for Image inpainting with GANs
2	40	Student Performance Prediction - A Data Science Approach
3	45	Performance Evaluation and Identification of Optimal Classifier for Credit Card Fraudulent Detection
4	48	Partial Consensus and Incremental Learning Based Intrusion Detection System
5	83	Type Inference in Java: Characteristics and Limitations
6	85	Generating Prediction Intervals for Macroeconomic Variables using LSTM based LUBE Method
7	95	Automation of answer scripts evaluation-A Review
8	103	Data Mining and Analysis of Reddit User Data
9	104	Deep Learning Chatbot With Feedback
10	111	Wireless battery monitoring system for electric vehicle

11	121	Wildlife Video Captioning based on ResNet and LSTM
12	128	Design and investigation of the performance of composite spiral antenna for direction finding applications
13	131	Signal Strength Based Routing Using Simple Ant Routing Algorithm
14	162	Comparison of Parameter of Sentimental Analysis using different classifiers

12.15 PM - 01.30 PM - CNN Track 3

Joining Link - <https://zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09>
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S. No	Paper ID	Title of the Paper
1	9	Using CNN to predict regressive STD drug efficacy score
2	10	Emotion Recognition in Hindi Speech using CNN-LSTM Model
3	50	AI Enabled Context Sensitive Information Retrieval System
4	53	Delay feedback H-infinity control for neutral stochastic fuzzy systems with time delays
5	60	AI Model Compression for Edge Devices Using Optimization Techniques
6	110	Design and Development of a CNN model based Android application for detection of plant leaf diseases in-home grown plants in Saudi Arabia
7	123	Building Image Classification Using CNN
8	145	Fast Training of Deep Networks with One-Class CNNs

12.15 PM - 01.30 PM - Cognitive Science and Cybernetics Track 4

Joining Link - <meet.google.com/ccw-djtz-aty>

S. No	Paper ID	Title of the Paper
1	20	Analysis of Human Activity Recognition
2	35	Adaptation and Evolution of Decision Support Systems - A Typological Survey
3	38	Real-Time Implementation of Brain Emotional Controller for Sensorless Induction Motor Drive with Adaptive System
4	52	Personalization of News for a Logistics Organisation by Finding Relevancy using NLP
5	80	Decoding motor behavior biosignatures of arm movement tasks using electroencephalography
6	89	Intelligent Character Recognition with shared features from Resnet
7	113	Iris Recognition using selective feature set in frequency domain using deep learning perspective: FrDIrisNet
8	134	Learning based approach for subtle maintenance in Large Institutions
9	149	Recognition of Isolated English Words of E-Lecture Video Using Convolutional Neural Network
10	150	Indoor Object Location finding using UWB Technology
11	161	Comparison paper on Human Activity Recognition

Day 2 (30th Aug 2020)

10.00 AM - 12.00 PM - AI, Machine Learning and Robotics Track 5

Joining Link - <https://zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09>

Meeting ID: 973 1586 6288 (Pass code: 746733)

S. No	Paper ID	Title of the Paper
1	22	Refinery Profit Planning via Evolutionary Many-Objective Optimization
2	27	LORA based smart garbage alert monitoring system using ATMEGA328, 2560,128
3	31	A Comparative Study on Distributed File Systems
4	49	Performance analysis of Single Stage PV connected Three Phase Grid System under steady state and dynamic conditions
5	71	Navigation through proxy measurement of location by surface detection.
6	73	Unsupervised learning algorithms for Hydropower's sensor data
7	75	Feature Construction on moving objects for computer vision in Transfer learning using Neural Networks
8	81	Emergency Robot
9	82	Chatbot via A Machine Learning and Deep Learning Hybrid
10	90	Detection and correction of potholes using machine learning
11	97	SVM and Naïve Bayes Models for Estimation of Key Process Variables in Nuclear Power Plant
12	105	A Non-Monotonic Activation Function for Neural Networks Validated on Benchmark Tasks

10.00 AM - 12.00 PM - AI, Machine Learning and Robotics contd Track 6

Joining Link - meet.google.com/bcz-kwom-awv

13	109	Sensor-Based Analysis of Gait and Assessment of Impacts of Backpack Load on Walking
14	112	Experiences in Machine Learning Models for Aircraft Fuel Flow & Drag Polar Predictions
15	116	Supervised Cross-Database Transfer Learning-based Facial Expression Recognition
16	125	Enhancement of degraded images via fuzzy intensification model
17	129	Prediction of Stock Indices, Gold Index, and Real Estate Index Using Deep Neural Networks
18	141	Fake News Detection Using Convolutional Neural Networks and Random Forest: A Hybrid Approach
19	152	An Enhanced Fuzzy TOPSIS in Soft Computing for the Best Selection of Health Insurance
20	154	Non-intrusive load monitoring with ANN based active power disaggregation of electrical appliances
21	159	Design and tuning of improved current predictive control using hybrid controller for PMSM
22	160	Prediction of Dimension of a Building from its Visual Data using Machine Learning : A Case Study
23	164	Parametric Analysis of Texture Classification using Weighted Probabilistic Neural Network (WPNN)
24	168	System Model to Effectively Understand Programming Error Messages Using Similarity Matching and Natural Language Processing
25	173	Enhanced Accuracy in Machine Learning Using Feature Set Bifurcation

12.15 PM - 01.30 PM - Engineering in Medicine and Healthcare Track 7Joining Link - <https://zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09>

Meeting ID: 973 1586 6288 (Pass code: 746733)

S. No	Paper ID	Title of the Paper
1	33	An Organized approach for Analysis of Diabetic Nephropathy Images using Watershed and Contrast Adaptive Thresholding
2	34	A Literature Survey on Identification of Asthma Using Different Classifier and Clustering Techniques
3	47	Pre-birth Prognostication of Education and Learning of a Fetus while in the Uterus of the Mother Using Machine Learning
4	59	Modeling Crosstalk of Tau and ROS Implicated in Parkinson's Disease using Biochemical Systems Theory
5	77	An empirical study and analysis of various Electrooculography (EEG) Artefact Removal Methods
6	91	Detecting COVID-19 using Convolution Neural Networks
7	93	Electroencephalography Measurements and Analysis of Cortical Activations among Musicians and Non-Musicians for Happy and Sad Indian Classical Music.
8	94	Signal Processing in Yoga-Related Neural Circuits and Implications of Stretching and Sitting Asana on Brain Function.

12.15 PM - 01.30 PM - Engineering in Medicine and Healthcare contd Track 8Joining Link - meet.google.com/bcz-kwom-awv

9	96	Diabetes Mellitus Detection and Diagnosis using AI classifier
10	101	Face Recognition using Transfer Learning on Facenet: Application to Banking Operations
11	106	Analysis of DNA Sequence Pattern Matching: A Brief Survey
12	107	Analysis of Approaches for Automated Glaucoma Detection and Prediction System
13	117	Innovative Approach for Prediction of Cancer Disease by Improving Conventional Machine Learning Classifier
14	118	Influence of AI on detection of COVID 19
15	120	Study of Medicine Dispensing Machine and Health Monitoring Devices
16	124	Analysis of COVID-19 Pandemic and Lockdown effects on the National Stock Exchange NIFTY indices
17	126	COVID-19 Detection using Computer Vision and Deep Convolution Neural Network