



## 3<sup>rd</sup> International Conference on Recent Trends in Machine Learning, IoT, Smart Cities & Applications

(ICMISC 2022- 28<sup>th</sup> Mar 2022)

### Program Schedule

<b>Inauguration (28<sup>th</sup> Mar 2022)</b>		
<b>Joining URL:-</b> <a href="https://us06web.zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09">https://us06web.zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09</a>		
<b>10:30-11:10 AM</b>	<b>Keynote</b>	<b>Dr Kazuhiro Kosuge</b>  <b>Chair Professor of Robotic Systems</b> <b>The University of Hong Kong</b> <b>Title of Talk - Applications to Physical Human-Robot Interaction (pHRI)</b>
<b>11:20 – 12:00 PM</b>	<b>Keynote</b>	<b>Dr Hemraj Saini</b> <b>Hemraj Saini</b> <b>SM-IEEE, Professor, School of Computing DIT University, Dehradun, UK</b> <b>Title of Talk – IoT, Cloud, Edge &amp; Machine Learning</b>

<b>Valedictory (28<sup>th</sup> Mar 2022)</b>
<b>(4:00PM Onwards)</b>
<b>Joining URL:-</b> <a href="https://us06web.zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09">https://us06web.zoom.us/j/97315866288?pwd=cXB3V29LY09xWmdsT2d5MXcvYlg2dz09</a>
<ul style="list-style-type: none"><li>• Information on certificate, copyright form, Publication Timeline</li></ul>

# Paper Presentation Tracks

(12.00pm-3.30pm)

## Track 1: - Data Analytics & Information System

Session URL: - [https://www.youtube.com/playlist?list=PLVUYqKH7C\\_cGHKHLTyXwZ89x-iec62wv](https://www.youtube.com/playlist?list=PLVUYqKH7C_cGHKHLTyXwZ89x-iec62wv)

S.NO	Paper ID	Title
1	30	Development of Contextual Crop ontology for Effective Information Retrieval
2	82	Comparative Analysis of Software Defect Prediction Using Dimensionality Reduction
3	86	An Approach To Learn Structural Similarity Between Decision Trees
4	96	Review Paper on Technologies to curb Noise Pollution in No Honking Zones
5	97	News Channel Debate Analysis: A Detailed Insight
6	103	Perceiving Correlation among Spatiotemporal Gait parameters and verifying its relation: Pilot Study for Indian Population
7	149	A Portfolio Selection Model Using Whale Optimization Algorithm in German Stock Exchange
8	155	An Analysis of Levenshtein Distance Using Dynamic Programming Method
9	162	Prediction in Industry 4.0 with Lean Six Sigma
10	165	A state of art Approaches to Question Generation Techniques
11	175	Mono vs Multilingual BERT: A Case Study in Hindi and Marathi Named Entity Recognition
12	128	Emotional Labour And Perceived Stress At Workplace In Defence - HR Analytics
13	174	Estimation of the Variance of Parameters in a Model Proposed to Study Prognosis of Lung Cancer

## Track 2: - IOT & Smart City

Session URL: - [https://www.youtube.com/playlist?list=PLVUYqKH7C\\_cE6Nf5LYQzyN5jRPJxJ-a\\_r](https://www.youtube.com/playlist?list=PLVUYqKH7C_cE6Nf5LYQzyN5jRPJxJ-a_r)

S.NO	Paper ID	Title
1	22	Analysis of Deauthentication Attack Using IoT Technology
2	45	Detection of Hello Flooding Attacks on RPL in Internet of Things Networks Using Different Machine Learning Algorithms
3	59	GPS Based Real Time Vehicle Tracking System for Kid's Safety Using RFID and GSM
4	93	Design and Development of IoT based Intelligent Cattle Shed Management
5	159	IoT Enabled water Conservation System using LoRa LPWAN Networks
6	176	Role of Remote Sensing in Precision Agriculture
7	173	Solid Waste Management using Machine Learning Algorithm for Smart Cities

### Track 3: - Security & Threats

Session URL: - [https://www.youtube.com/playlist?list=PLVUYqKH7C\\_cGDXY2KbrAG1NyL\\_Drs2Ryq](https://www.youtube.com/playlist?list=PLVUYqKH7C_cGDXY2KbrAG1NyL_Drs2Ryq)

S.NO	Paper ID	Title
1	9	Security Threats in Healthcare Systems
2	46	Location Aided Secure Routing System In Ad-hoc Networks
3	53	A Review on Behavioral Biometric GAIT Recognition
4	60	Multifold Secured Bank Application authentication service using Random Visual Cryptography and Multimodal Steganography with Blockchain Technology
5	108	Detection of Fraudulent Credit Card Transactions in Real-Time using SparkML and Kafka
6	121	Robust and Scalable Network Monitoring System using Apache Spark
7	125	Managing data protection and privacy on cloud
8	127	Vehicular Communication Strategy using Machine Learning & Image Processing to Enhance Observations and Control on the Road Side Area
9	140	A Survey on Detecting Location Based Faults in Wireless Sensor Networks using Machine Learning and Deep Learning Techniques
10	154	Modified Mobility Aware Mac Algorithm to Improve The Life Time Of Dynamic Wireless Sensor Network
11	160	Review on Impact of attacks as a malicious node in MANET
12	163	Optimized Buffer Management System in Delay Tolerant Network
13	195	An Innovative Cloud Security and Data Sharing across Multi-Clouds through PACM Techniques

### Track 4: - Smart Healthcare Systems

Session URL: - [https://www.youtube.com/playlist?list=PLVUYqKH7C\\_cGQtzXddZMqqAiW9qEBrvRE](https://www.youtube.com/playlist?list=PLVUYqKH7C_cGQtzXddZMqqAiW9qEBrvRE)

S.NO	Paper ID	Title
1	1	Prognostic Investigation into Melancholic Maladies in Hinterlands
2	12	Impact of COVID-19 on Import and Export of Petroleum Products and Crude Oil in India
3	19	Stress Detection Using EEG Signal In Early Stage & Control Technique
4	54	Vital Role of 2D CNN in Brain Malignancy
5	55	Early-onset identification of stomach cancer Using CNN
6	98	Disease Recognition Of Plant Using Different Image Processing Algorithms
7	107	REMICARE – Medicine Intake Tracker & Healthcare Assistant
8	119	A survey on battery state of charge and state of health estimation using machine learning and deep learning techniques
9	66	Role of Blockchain in Health Care: A comprehensive study

## Track 5: - Machine Learning and Computational Intelligence

Session URL: - [https://www.youtube.com/playlist?list=PLVUYqKH7C\\_cFdZj1GzWruNbJxRrwuLLsv](https://www.youtube.com/playlist?list=PLVUYqKH7C_cFdZj1GzWruNbJxRrwuLLsv)

S.NO	Paper ID	Title
1	100	A Detailed Survey of sentimental analysis on social media
2	104	Radial Basis Neural Network Trained Minimum Snap Trajectory for Quadrotor
3	109	Real Time Face Detection and Face Recognition: Study of Approaches
4	129	Autonomous Traffic Sign Detection And Recognition In Real Time
5	130	Human Posture Monitoring
6	134	LightHARs: A Light Human Activity Recognition System
7	135	Twitter Data Analysis To Enhance Malware Detection Using ML
8	137	Prediction of Osteosarcoma using Machine Learning Techniques
9	142	Gesture Recognition and conversion to speech for Specially Abled
10	158	Formula One Race Analysis Using Machine Learning
11	189	Sign Language Recognition Using Machine Learning
12	212	Performance Analysis of Classification Algorithms
13	111	3D IC Integration using Block Chain

## Track 6: - Applied Artificial Intelligence

Session URL: - [https://www.youtube.com/playlist?list=PLVUYqKH7C\\_cFd-kiabJ7tVEqfbCk6yE3\\_](https://www.youtube.com/playlist?list=PLVUYqKH7C_cFd-kiabJ7tVEqfbCk6yE3_)

S.NO	Paper ID	Title
1	81	Research Trends in Artificial Intelligence and Nature Inspired Techniques
2	110	ASIC Implementation of AI Edge Network on Chip(NoC) At 28 nm Technology Node And Its Various Timing Optimization Techniques At Each Stage
3	161	Automation in Project Management 4.0 with Artificial Intelligence
4	213	Intelligent Information System for Detection of Covid-19 based on AI
5	214	Plant Quality Assessment and Disease Identification System using AI

## Track 7: - Deep Learning and Their Applications

Session URL: - [https://www.youtube.com/playlist?list=PLVUYqKH7C\\_cE8pjty1kETVjKG\\_Jnt7MS\\_](https://www.youtube.com/playlist?list=PLVUYqKH7C_cE8pjty1kETVjKG_Jnt7MS_)

S.NO	Paper ID	Title
1	70	A Deep Convolutional Neural Network incorporated with Long Short-Term Memory Recurrent Neural Network Model for Detection of Covid-19 Intensity Levels
2	114	Fire Detection Through Surveillance Videos Using Deep Learning In Real-World Applications
3	133	Classification of Devanagari characters dataset using Deep Learning methods

4	139	Detection of Age and Gender from Facial Images using CNN
5	185	A Novel 18-Convolutional layered Deep U-Net Architecture for COVID-19 Infection Diagnosis through Object Detection on Lung CT Scan Segmentation
6	215	Image-based Plant Disease Detection and classification using Deep Convolution Neural Network