

# 4<sup>th</sup> IEEE International Conference on Innovative Trends In Information Technology ICITIIT'23 (HYBRID)

February 11-12, 2023

Organized by the **Indian Institute of Information Technology Kottayam**  
Technically Co-sponsored by **IEEE Kerala Section**

## Technical Sessions

**Session: 1A**

**Date:** 11 Feb 2023

**Time:** 2:00 – 4:00 PM

SI No	Paper ID	Authors	Title
1	7824	Kainat Khan and Rahul Katarya	A Review of Machine learning Techniques for the prediction of Autism Spectrum Disorder
2	8400	Ezhilarasi S, Uma Maheswari P and Raghavi S	Recognition of Characters using PCE based Convolutional LSTM Networks from Palaeographic Writings
3	7576	Manukrishna V R and K S Nikhil	Improvement in breakdown voltage of Junctionless Power Transistor with Ga2O3 RESURF region
4	767	Shruti Jadon, D Adarsha Bhat, Yashawi Tb, Shashank R and Prasad H B	Mutable Blockchain for Identity Management
5	459	S Srinivasulu Raju, M. Parvathi, K Guravaiah, P Pandiyaan, B Teja, K Sai Tarun	A Three-Dimensional Approach for Stock Prediction Using AI/ML Algorithms: A Review & Comparison
6	9230	Manav Chandna, Pratishtha Bhatia, Surinder-Pal Singh and Saumya Suneja	Tiny Face Presence Detector using Hybrid Binary Neural Network
7	9576	Seda Aydin and Hasan Sakir Bilge	Optimal hardware implementation for end-to-end CNN-based classification
8	2496	Anusha Chhabra and Dinesh Kumar Vishwakarma	A Truncated SVD Framework for Online Hate Speech Detection on the ETHOS Dataset

**Session: 1B****Date:** 11 Feb 2023**Time:** 2:00 – 4:00 PM

SI No	Paper ID	Authors	Title
1	6536	Vijayalakshmi M, Subash A and Arvin Danny Cs	An Enhanced Hybrid Scheme for IP Traceback
2	7451	Neeraj Nautiyal, Piyush Agarwal and Sachin Sharma	Rechain: A Secured Blockchain-Based Digital Medical Health Record Management System
3	9623	Adarsh Vernekar, Akash Sakhare, Prashant Bhapkar, Saurabh Jadhav and Rahul Adhao	Blockchain Based Record Management System in Hospitals
4	9870	Ashwitha Noble, Hubert Veyannie and Summia Parveen	PHISHING PERCEPTION AND PREDICTION
5	6364	Satpalsing Rajput, Janhavi Gadge, Anvita Jadhav, Diya Tilani and Vaibhav Dalgade	Agricultural Food supply chain Traceability using Blockchain
6	3355	Sandip Kahate and Dr. Atul Raut	Design of a Deep Learning Model for Cyberbullying and Cyberstalking Attack Mitigation via Social Media Analysis
7	9635	Ruchitaa Raj N R, Nandhakumar Raj S and Vijayalakshmi M	Web Scrapping Tools and Techniques: A Brief Survey
8	7505	A.M. Abhishek Sai, Kalla Likhith Sai Eswar, Boddu Sasi Sai Nadh, Gottimukkala Sahil, Nisha K S, K.S. Reddy Banu Prakash and A.D. Mahesh	Friend Recommendation System Using Map-Reduce and Spark: A Comparison Study

**Session: 1C****Date:** 11 Feb 2023**Time:** 2:00 – 4:00 PM

SI No	Paper ID	Authors	Title
1	2436	Manojkumar V., Praveen Kumar Premkamal, Johnpaul C.I. and Silambarasan Elkana Ebinazer	Blockchain based Secure Data storage Verification Algorithm for Smart City Environment
2	8547	Divya P B, Johnson T P and Kannan Balakrishnan	Efficiency of Profile Closeness Attack-A case study of Sicilian Mafia Network
3	6282	Gimhan Rodrigo and Dimanthine De Silva	IoT enabled Contactless Doorbell with Facial Recognition
4	3782	Tharun T, Vamshi A and Eswari R	NFT Application for Music Industry using Blockchain Smart contracts
5	2707	Akshay Suryavanshi, Apoorva G, Mohan Babu T N, Rishika M, Abdul Haq N	The integration of Blockchain and AI for Web 3.0: A security Perspective
6	6341	Farhah Qonita, Muhammad Fariz Budiman, Valina Mayang Sari and Natalia Limantara	ANALYSIS OF USER EXPERIENCE ON THE GOVERNMENT APPLICATION OF INDONESIAN HIGHER EDUCATION INSTITUTIONAL INFORMATION SYSTEMS USING USABILITY METHOD
7	6726	Monilal S and Bhama Devi N	A Rear-view Aid System For Vehicles Based on Panoramic Vision

**Session: 2A****Date:** 12 Feb 2023**Time:** 9:30 AM – 12:00 PM

SI No	Paper ID	Authors	Title
1	9722	Ferdianto Ferdianto, Lius Steven Sanjaya, Titan Titan, Erwin Halim, Dyah Wahyu Sukmaningsih, Andy Effendi and Yulius Lie	Sales Application Solution for Small Medium Enterprise
2	527	Fredy Jingga, Zara Handra Fitria, Julian Alfi and Andreano Dwi Kusumajati	Factors influenced user in Using Streaming Music Applications Using the TAM Method: Technology Acceptance Model
3	763	Jafseer Kt, Shailesh S and Sreekumar A	Feature Drift Detection using Overlapping Window and Mann-Whitney U Test
4	2972	Ashish Bajaj and Dinesh Kumar Vishwakarma	Exposing the Vulnerabilities of Deep Learning Models in News Classification
5	5564	Abhishek Verma, Dr. Virendar Ranga and Dr. Dinesh Kumar Vishwakarma	Forecasting of Satellite Based Carbon-Monoxide Time-Series Data Using a Deep Learning Approach
6	8166	Sandeep B Kadam, Vijina Abhijith and Premlal Ajikumar Sreelekha	Visual based malware clustering using convolution neural network
7	356	K Sharon Sudheera, Swetha R, Tejaswini R, Vaishali Meena M and Anu G Kumar	Residential Load Forecasting based on Deep Neural Network

**Session: 2B****Date:** 12 Feb 2023**Time:** 9:30 AM – 12:00 PM

SI No	Paper ID	Authors	Title
1	833	Snehal A. Lohi, Dr. Chinmay Bhatt	Design of a Crop Disease Detection Model using Multi-parametric Bio-inspired Feature Representation and Ensemble Classification
2	1864	Satishkumar D, Joshua Daniel Raj J, Anoopkumar H S, Chethan D R, Deekshith More B and Kushal A Y	Herbs Ailment Diagnosis using AI Techniques for Sustainable Innovation in Agriculture
3	2183	Shreya Vaidya, Sameer Kavthekar and Amit Joshi	Leveraging YOLOv7 for Plant Disease Detection
4	3653	Kollabathula Kaushik, Duvvuru Jaswanth Reddy and Rahul Raman	Muzzle Based Identification of Cattle Using KAZE
5	3847	Ananya Pandey and Dinesh Kumar Vishwakarma	Attention based Model for Multi-modal Sentiment Analysis using Text-Image Pairs
6	4063	Shalaka Shankar, Hamna Musilhudeen, Shreya Ostwal, Pallapothula Sathvika and Anand Kumar M	CISER: Customized Institute Specific Search Engine for Retrieving Research Papers
7	5250	Kumar Shashvat, Arshpreet Kaur, Abhishek A and Vithan V	A Weighted Ensemble Model for Prediction of Dengue Occurrence in North India (Chandigarh)

**Session: 2C**

**Date:** 12 Feb 2023

**Time:** 9:30 AM – 12:00 PM

<b>SI No</b>	<b>Paper ID</b>	<b>Authors</b>	<b>Title</b>
1	7485	Rithvik Senthil, Lakshana Ravishankar, Snofy D. Dunston and Mary Anita Rajam V	Universal Adversarial Perturbation Attack on the Inception-Resnet-v1 model and the Effectiveness of Adversarial Retraining as a Suitable Defense Mechanism
2	7667	Premkumar Duraisamy, Yuvaraj S, Yuvaraj Natarajan and Niranjani V	An Overview of Different Types of Recommendations Systems - A Survey
3	8389	Dhiraj Sangwan, Kalit Naresh Inani and Kuldip Singh Sangwan	Machine Learning based framework for Drone Detection and Identification using RF signals
4	3661	Akanksha Kapruwan, Sachin Sharma and Himanshu Rai Goyal	Expert System Techniques in Intelligent Diagnostic Digital Cytopathology System for Cervical Intraepithelial Neoplasia Detection
5	1165	Gayathri N, Prawin R, Ranjith Kumar A and Manikandan R	Machine Learning techniques for identifying Cyberbullying on digital networks
6	3771	Sukesh Babu V S and Rahul Raman	Pedestrian Direction Estimation: An Approach via Perspective Distortion Patterns
7	5514	Mallikarjuna Mathada and Aditya Bhosle	Self-Driving Car: Simulation of Highly Automated Vehicle Technology Based on Convolution Neural Networks