

International Conference on Computing Science, Communication and Security (COMS2)

List of Accepted Research Papers

Sr. No.	Title	Authors
1	Coordinator controller election algorithm to provide failsafe through load balancing in Distributed SDN Control plane	Gaurang Lakhani, Amit Kothari
2	Prediction of Lung Cancer using Machine Learning Classifier	Radhanath Patra
3	A Combined Belief Rule Based Expert System to Predict Coronary Artery Disease	Iqbal Sarker
4	A new Approach to Solve Job Sequencing Problem using Dynamic Programming with Reduced Complexity	Tanzin Ahammad, Mahedi Hasan, Mohammad Hasan, et al
5	A New Channel-Aware Downlink Scheduling Algorithm for LTE-A and 5G HetNets	Flávio Ferreira, Paulo Guardieiro
6	Applications of classical and deep learning techniques for polar bear detection and recognition from aero photography	Mikhail Nakhatovich, Iliia Surikov, Dr. Vladimir Chernook, Natalia Chernook, Daniil Savchuk
7	Comparison of Bioinspired Algorithms Applied to the Timetabling Problem	Amelec Vilorio
8	Cost Optimization and Comparison of top THREE Cloud Services Google, Azure and AWS through Serverless Architecture	Rupendra Chourasiya
9	Crime Prediction Using Spatio-Temporal Data	Iqbal Sarker
10	Data-Driven Intrusion Detection Systems using Machine Learning Techniques	Iqbal Sarker
11	Deep Recurrent Neural Network with Tanimoto Similarity and MKSIFT Features For Medical Image Search and Retrieval	Hardik Bhatt, Dr. Anand Mankodia

12	Demystifying Computational Techniques used to Diagnose Tuberculosis	Dhruvi Ka Patel, Mosin Hasan, Narendra Patel
13	Design of a Network with Sensor-Cloud Technology applied to Traffic Accident Preventio	Amelec Vloria
14	Emotion Classification with Reduced Feature Set SGDClassifier, Random Forest and Performance Tuning	Kaushika Pal, Biraj V. Patel
15	Floor plan recognition and vectorization using combination UNet, Faster-RCNN, statistical component analysis and Ramer-Douglas-Peucker	Ilia Surikov, Mikhail Nakhatovich, Sergey Belyaev, Daniil Savchuk
16	Fuzzy Logic Controller for Cart-Inverted Pendulum Cart System Optimized by LQR & GA	Dr. Monika Jain
17	Identification of transit incidents from GPS public transport records	Amelec Vloria
18	Indian Currency recognition from live video using Deep learning	Kushal Bhavsar, Keyurbhai Jani
19	Interference Load Aware Routing Metric for Wireless Mesh Network	Satish Bhojannawar, Shrinivas Mangalwede
20	ITS based OBU: A Fallback Mechanism in Vehicular Ad-hoc Network	Bhavin Kayasth, RACHNA PATEL
21	Malware Detection Framework using PCA based ANN	Khyati Rami, Dr. Vinod Desai
22	Melanoma detection using HSV with SVM Classifier and De-duplication Technique to Increase Efficiency	Nilima Dongre (Jawade), Mayura Patil
23	Multiclass MI-Task Classification using Logistic regression and Filter Bank Common Spatial Patterns	Md. Mahmudul Haque Joy, Mohammad Hasan, Abu Saleh Musa Miah et. al
24	Optimization of driving efficiency for pre-determined routes	Amelec Vloria

25	Optimizing Complexity of Quick Sort	Md. Sabir Hossain, Snaholata Mondal, Rahma Simin Ali, Mohammad Hasan
26	PCA-based Decision Tree Model for Personalized Context-Aware Smartphone Apps Usage	Iqbal Sarker
27	Performance Evaluation of Conventional Transistor with Various Technology Nodes and Architectures	Pooja Srivastava
28	Ponte Message Broker Bridge Configuration using MQTT and CoAP Protocol for Interoperability of IoT	Madhavi Dave, Mohanish Patel, Dr. Jyotika Doshi, Dr. Harshal Arolkar
29	PREDICTING PASSENGER FLOW IN BTS AND MTS USING HYBRID STACKED AUTO-ENCODER AND SOFTMAX REGRESSION	Archana Nayak, Nirbhay Chaubey
30	RUBA: A Real Monitoring of Users HTTP Logs for Behavior Analysis and Monitoring	Shilpa Mahajan
31	Signature based malicious behavior detection in Android	Vikas Sihag, Ashawani Swami, Manu Vardhan, Pradeep Singh
33	VMI-Based Defence Against APTs in a Virtualization Environment	Darshan Tank, Akshai Aggarwal, Nirbhay Chaubey
33	Color Image Watermarking in Encryption Domain	Rohit Thanki, Ashish Kothari