

# Ganpat University

International Conference on Computing Science, Communication and Security

(COMS2-2020) & Doctoral Colloquium

March 26<sup>th</sup> -28<sup>th</sup> , 2020

Venue: Ganpat University, Mehsana, Gujarat, India

<http://coms2.gnu.ac.in/>

## *Proposed Program Schedule of COMS2-2020*

***(Online Virtual International Conference through Zoom Meeting from Home)***

<b>Day 1: Thursday, 26<sup>th</sup> March 2020</b>	
Time	Session
09:00 A.M. - 9:20 A.M. (GMT + 5:30 Hours)	Invocation, National Anthem Welcome Address by <b>Dr. Mahendra Sharma, Pro Chancellor, Ganpat University, India</b>
09:20 A.M. - 9:50 A.M. (GMT + 5:30 Hours)	Plenary Session Talk 1: <b>Ph.D Pursuing Areas</b> Speaker: <b>Dr. D. P. Kothari</b> , Former Vice Chancellor, VIT Vellore, India
09:50 A.M. - 10:20 A.M. (GMT + 5:30 Hours)	Plenary Session Talk 2: <b>Big Data and Machine Learning in Life Science</b> <b>Speaker: Dr. Himanshu Mazumdar</b> , Head, R&D, D.D. University, Nadia, Gujarat, India and Ex. Scientist, Physical Research Laboratory (PRL), Ahmedabad, Gujarat, India.
10:20 A.M. - 11:00 A.M. (GMT + 5:30 Hours)	Plenary Session Talk -3 : <b>Linux Traffic Control subsystem.</b> Speaker: <b>Dr Mohit P Tahiliani</b> , National Institute of Technology, Karnataka, India
11:00 A.M. - 3:00 P.M. (GMT + 5:30 Hours)	<b>Session Track-1: AI and ML</b> Session Chairs: Dr. Maulika Patel, CVM University, Gujarat, India Dr. Devesh Shrivastava, Manipal University, Jaipur, India Dr. Snehal Joshi, Veer Narmad South Gujarat University, Gujarat, India Dr. Rakesh Vanzara, Ganpat University, India Dr. Satyen Parikh, Ganpat University, Gujarat, India Dr. Nirbhay Chaubey, Ganpat University, Gujarat, India Dr. Devang Pandya, Adani University, Gujarat, India

Online Presentation of papers:

Timing	Paper id	Paper title
11:00 A.M. – 11:20 A.M. (GMT + 5:30 Hours)	006	Floor plan recognition and vectorization using combination UNet, Faster-RCNN, statistical component analysis and Ramer-Douglas-Peucker
11:20 A.M. – 11:40 A.M. (GMT + 5:30 Hours)	009	Demystifying Computational Techniques used to Diagnose Tuberculosis
11:40 A.M. – 12:00 NOON (GMT + 5:30 Hours)	015	Applications of classical and deep learning techniques for polar bear detection and recognition from aero photography
12:00 NOON - 12:20 P.M. (GMT + 5:30 Hours)	041	"Prediction of Lung Cancer using Machine Learning Classifier"
12:20 P.M. – 12:40 P.M. (GMT + 5:30 Hours)	044	Indian Currency recognition from live video using Deep learning
<b>12:40 P.M. TO 1:20 P.M. - BREAK</b>		
01:20 P.M.- 01:40 P.M. (GMT + 5:30 Hours)	052	Emotion Classification with Reduced Feature Set S G D Classifier, Random Forest and Performance Tuning
1:40 P.M.- 2:00 P.M. (GMT + 5:30 Hours)	053	Deep Recurrent Neural Network with Tanimoto Similarity and MKSIFT Features For Medical Image Search and Retrieval

2:00 P.M. – 2:20 P.M. (GMT + 5:30 Hours)	067	Malware Detection Framework using PCA based ANN
2:20 P.M. – 2:40 P.M. (GMT + 5:30 Hours)	073	Crime Prediction Using Spatio-Temporal Data
2:40 P.M. – 3:00 P.M. (GMT + 5:30 Hours)	084	Cyber Security Intrusion Detection using Machine Learning Techniques
3:00 P.M. to 3:20 P.M. IST (GMT +5:30 Hours)	085	A Rule Based Expert System to Assess Coronary Artery Disease under Uncertainty

**\*\*\*\* End of the Session \*\*\*\***

## Day 2: Friday, 27<sup>th</sup> March 2020

Time	Session																														
09:30 A.M. - 03:50 P.M. (GMT + 5:30 Hours)	<p><b>Session Track-2: Networking and Communication</b></p> <p>Session Chairs:            Dr. Vishvjit Thakkar, Ph. D. IIT, Mumbai, Currently working with Gokul Global University, Gujarat, India            Dr. Vrushank Shah, Indus University, India            Dr. Hemal Shah, Ganpat University, India            Dr. Nilesh Modi, B.R. Ambedkar Open University, Gujarat, India            Dr. Satyen Parikh, Ganpat University, Gujarat, India            Dr. Nirbhay Chaubey, Ganpat University, Gujarat, India</p>																														
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12:30 P.M. – 12:50 P.M. (GMT + 5:30 Hours)	071	Predicting Passenger Flow in BTS and MTS using Hybrid Stacked Auto-Encoder and Softmax Regression
<b>12:50 P.M. TO 1:30 P.M. - BREAK</b>		
<p><b>Session Track-3: Computing Science and Security</b></p> <p>Session Chairs:  Dr. Savita Gandhi, Gujarat University, Ahmedabad, India  Dr. Kiran Amin, Ganpat University, Gujarat, India  Dr. Satyen Parikh, Ganpat University, Gujarat, India  Dr. Nirbhay Chaubey, Ganpat University, Gujarat, India</p> <p>Online Presentation of papers:</p>		
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1:50 P.M. – 2:10 P.M. (GMT + 5:30 Hours)	024	Color Image Watermarking in Encryption Domain
2:10 P.M. – 2:30 P.M. (GMT + 5:30 Hours)	042	Melanoma detection using HSV with SVM Classifier and De-duplication Technique to Increase Efficiency.
2:30 P.M. – 2:50 P.M. (GMT + 5:30 Hours)	054	A new Approach to Solve Job Sequencing Problem using Dynamic Programming with Reduced Complexity
2:50 P.M.- 3:10 P.M. (GMT + 5:30 Hours)	055	Optimizing Complexity of Quick Sort
3:10 P.M.- 3:30 P.M. (GMT + 5:30 Hours)	062	Comparison of Bioinspired Algorithms Applied to the Timetabling Problem
3:30 P.M. – 3:50 P.M. (GMT + 5:30 Hours)	079	Signature based malicious behavior detection in Android
5:30 P.M. – 5:50 P.M. (GMT + 5:30 Hours)	<b>Valedictory Session</b>  --Vote of Thanks --	

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