

International Conference on Data Analytics and Computing, 2022

ICDAC-Program Schedule (Time Zone: Beijing)

Venue: WKU CBPM A101, Wenzhou-Kean University, Wenzhou, China

May 28, 2022

May 29, 2022

08:30 AM-09:00 AM	Inauguration (Dr. Gaurav Gupta) Speech by Dr. Eric Yang VPAA, Wenzhou Kean University				
09:00 AM-10:00 AM	Dr. Xiahai Zhuang Fudan University, China		09:00 AM-10:00 AM	Dr. Seyedali Mirjalili Torrens University, Australia	
10:00 AM-11:00 AM	Dr. John Wang Montclair State University, New Jersey, USA		10:00 AM-11:00 AM	Dr. Naina Bandyopdhyay Findability Sciences Pvt. Ltd.	
11:00 AM-12:00 PM	Parallel Session 1		11:30 AM-1:00 PM	Parallel Session 4	
	Track A IDs: 10, 11, 30, 31 Session Chair: Dr. Anupam Yadav	Track B IDs: 7, 37, 40, 101, 106, 142 Session Chair: Dr. Sandeep Kumar		Track A IDs: 44, 137, 203, 212, 215, 216 Session Chair: Dr. Ali Ahmadian	Track B Paper IDs: 5, 117, 144, 150, 166, 172 Session Chair: Dr. Anuj Bhardwaj
12:00 PM-1:00 PM	Dr. Shenghua Gao ShanghaiTech University, China				
1:00 PM-1:30 PM	Joint conference workshop inaugural address by Dr. (Mrs.) Amita Dev, Hon'ble Vice Chancellor IGDTUW				
1:30 PM-3:00 PM	Parallel Session 2		1:00 PM-2:30 PM	Parallel Session 5	
	Track A IDs: 9, 29, 34, 82, 93, 147 Session Chair: Dr. Nidhi Goel	Track B IDs: 14, 58, 59, 63, 128, 205 Session Chair: Dr. Manoj Kumar		Track A IDs: 113, 119, 120, 134, 158, 213 Session Chair: Dr. Gaurav Gupta	Track B IDs: 2, 201, 202, 204, 208, 218 Session Chair: Dr. Ebenezer Atta Mills
3:00 PM - 4:30 PM	Parallel Session 3		2:30 PM - 4:00 PM	Parallel Session 6	
	Track A IDs: 19, 86, 100, 111, 112, 115 Session Chair: Dr. Omar Dib	Track B IDs: 23, 118, 140, 159, 217, 219 Session Chair: Dr. Eduardo Rodriguez		Track A IDs: 6, 49, 55, 81, 209 Session Chair: Dr. Triloki Pant	Track B IDs: 1, 206, 207, 210, 211 Session Chair: Dr. Puneet Rana
				Concluding	

Workshop Schedule:

- Workshop on Data Optimization and Security, 27 May 2022
Organizer: Dr. Manoj Kumar, Babasaheb Bhimrao Ambedkar University, Lucknow, India.
- Workshop on Deep Learning in Predictive Analytics, 28 May 2022
Organizer: Dr. Nidhi Goel, Indira Gandhi Delhi Technical University for women, India.
- Advanced Cyber Security Threats and Issues in Industry, 28 May 2022
Organizers: Dr. Manoj Kumar and Dr. Akashdeep Bhardwaj, University of Petroleum and Energy Studies, Dehradun, India.

(1) The Zoom link for the **Keynote Speaker/ Track A session** is [https://kean-](https://kean-edu.zoom.us/j/8697392805?pwd=bUxwbUJzREZmanZzQkItZ0dSVVpOdz09)

edu.zoom.us/j/8697392805?pwd=bUxwbUJzREZmanZzQkItZ0dSVVpOdz09, and the Zoom ID is 869 739 2805, and the password is kean1855.

(2) The Zoom link for the **Track B session** is [https://kean-](https://kean-edu.zoom.us/j/4337872374?pwd=Qy9YOE1vbFhUUnM4NW8yaFdPUXc1UT09)

edu.zoom.us/j/4337872374?pwd=Qy9YOE1vbFhUUnM4NW8yaFdPUXc1UT09, and the Zoom ID is 433 787 2374, and the password is kean1855.

List of Accepted Papers/ Abstracts in ICDAC 2022

Paper/ Abstract IDs	Author(s)	Paper/ Abstract Title
1	Akansha Singh, Dr. Krishna Kant Singh, Manisha Jangra and Sanjeev Kumar Dhull	Denosing Techniques for ECG Arrhythmia Classification Systems: An Experimental Approach
2	Dr. G. Kumaresan and Dr. N. P. Gopalan	Totalistic Cellular Automata based Multi-Factor Authentication System for accessing Web Services
5	Palak Handa, Rishita Anand Sachdeva and Nidhi Goel	CNN architecture-based image retrieval of colonoscopy polyp frames
6	Saurabh Verma, Renu Dhir and Mohit Kumar	Heart Disease Prediction using Stacking Ensemble Model based on Machine Learning Approach
7	Indu Bala and Anupam Yadav	Optimizing Reactive Power System Using Artificial Electric Field Algorithm
9	Dilip Kumar and Manoj Kumar	A KP-ABE based ECC approach for Internet of Medical Things
10	Yulia Kumar, Ahmed Abduljabbar, Jose Serra, J. Jenny Li, Patricia Morreale and Joseph Waldron	Assessment of an Integrated Development Environment for Usability and Inclusion
11	Hong-Seng Gan, Riries Rulaningtyas, Muhammad Hanif Ramlee, Wan Mahani Hafizah Wan Mahmud and Hafiz Basarudin	Improving the Performance of Generative Adversarial Network via Normalization Techniques Analysis
14	Dikshit Chauhan and Anupam Yadav	Artificial Electric Field Algorithm with Generalized Opposition-based Learning
19	Shilpi Harnal, Gaurav Sharma, Savita Khurana, Anand Muni Mishra and Prabhjot Kaur	An efficient human face detection technique based on CNN with SVM classifier
23	Premalatha S and Santhosh Kumar S	Results on Periodicity of Memristive Inertial Neural Networks with mixed delays
29	Javaid Ahmad Wani and Dr. Nonita Sharma	A Comparative Analysis of Fine-Tuned Deep Learning Models Based on Plant Leaf Disease Detection and Classification.
30	Maliha Haider and Daehan Kwak	Emotion Analysis on COVID-related Twitter Tweets
31	Anthony Diaz, Daehan Kwak and Jean Chu	The Use of Chatbots to Improve Mental Health
34	Anjali Goyal and Riya Aggarwal	FaMeD: A Deep Learning Framework for Face Mask Detection using Drone
37	Manju Maurya and Neha Yadav	A comparative analysis of gradient-based optimization methods for Machine Learning Problems
40	Surbhi Tilva and Jayesh Dhodiya	Developing a decision-making algorithm for solving multi-objective interval assignment problem
44	Surbhi Tilva and Jayesh Dhodiya	Fuzzy project schedule problem is solved by hybrid jaya algorithm
49	Bhupendra Kumar and Neha Yadav	NIFTY-50 Index Forecasting Using CEEMDAN Decomposition and Deep Learning Models

55	Urvi Latnekar and Mehar Gupta	Developing a mood meter to predict wellbeing through machine learning
58	Akanksha Sayogi and Narendra Kumar	Performance analysis of TLBO tuned FOPID controller for AGC of a multi area power system
59	Deepesh Sangwan and Narendra Kumar	Automatic Generation Control Using Optimized TID Controller in Multi-Area System
63	Priteesha Sarangi and Prabhujit Mohapatra	A Modified Hybrid GWO-SCA algorithm for solving optimization problems
81	Sunil Kumar, Vatsal Tulshyan, Gagandeep Bhatia, Sk Suryan, Prabhishek Singh, Manoj Diwakar and Yajush Pratap Singh	Predicting Faults using Logs and Graphs
82	Nandini Sethi and Amita Dev	Lipyantaran: An automated tool for English to Sanskrit Transliteration
86	Anantha Natarajan Vaithilingam and Sunil Kumar Malchi	Real Time intrusion detection in Wireless Adhoc Network using Machine Learning techniques
93	Rajiv Yadav, Indu Sreedevi and Daya Gupta	Performance Analysis of Energy-Efficient Cluster-based Routing Protocols with an Improved Bio-inspired Algorithm in WSNs
100	Shilpa Jain, Dr. S Indu and Dr. Nidhi Goel	Comparative Analysis of YOLO Algorithms for Intelligent Traffic Monitoring
101	Ali Sadollah	Real Data Internet Shopping Optimization Problems using Metaheuristics
106	Gauri Thakur and Dr. Ashok Pal	Performance Analysis of Mayfly Algorithm for Problem Solving in Optimization
111	Pushti Sharma and Navneet Kaur	Data Valuation Using Shapley Value in Machine Learning
112	Chaitali Choudhary, Inder Singh and Manoj Kumar	An Empirical Comparison of Community Detection Techniques for Amazon Dataset
113	Aazar Khan, Samyak Jain and Purushottam Sharma	Human Identification using Gait Analysis and AI
115	Rajendran Sivakumar, Seifedine Kadry, Sujatha Krishnsmoorthy, Gangadharam Balaji, S.U Nethrra, J Varsha and Rajinikanth Venkatesan	Deep-learning Supported Detection of COVID19 in Lung CT Slices: A Study
117	T Babu, Seifedine Kadry, Sujatha Krishnamoorthy, Gangadharam Balaji, P Deno Petrecia, M Shiva Dharshini and Rajinikanth Venkatesan	Early Detection of Breast Cancer using Thermal Images: A Study with Light Weight Deep Learning Models
118	Neha Vaish, Nidhi Goel and Gaurav Gupta	Attention based model for sentiment analysis
119	Samarjeet Satapathy, Narayan Nahak and Renu Sharma	Lightning Search Algorithm tuned Simultaneous Water Turbine Governor actions for Power Oscillation Damping
120	Lakshita Aggarwal and Puneet Goswami	Analysis of Covid-19 Impact on mental health using Data Analytics
128	Akash Kumar Sidana, Sarita Pippal and Puneet Rana	Heat Transfer Optimization in LTNE Vertical Free Convection Boundary layer Nanofluid Flow in Porous medium using Response Surface Methodology
134	Leekha Jindal and Ravinder Jindal	Syntactic error detection in Punjabi and Hindi Language using Pattern Matching Approach
137	Gursimran Kaur and Meenakshi Chawla	Rough Δ^m -Statistical Convergence of Generalized Difference Sequences in Intuitionistic Fuzzy Normed Spaces
140	Vidhi Bishnoi and Nidhi Goel	MVGG16 transfer learning approach for lung cancer classification
142	Pinkey Chauhan	Heuristic-based analysis of Turning Models

144	Divyasha Singh, Tanjul Jain, Nayan Gupta, Bhavishya Tolani and Seeja K.R.	Fake Image Detection Using Ensemble Learning
147	Pooja Gambhir and Amita Dev	Text-Independent Voiceprints Identification for limited voice sets using Feed-Forward Backpropagation Neural Networks
150	Aditya Kahol and Gaurav Bhatnagar	Ensemble inspired multi-focus image fusion framework
158	Anuraj Singh and Vaibhav Garg	Efficient Nets-Based Scalable Regression Model to Predict Pulmonary Fibrosis
159	Amit Kumar, Sarika Jain and Manoj Kumar	Automated Human tracing using Gait and Face Using Artificial Neural Network in Surveillance System
166	Sangeeta Gautam, Ruchi Agarwal and Manoj Kumar	Lossless Compression approach for Reversible Data Hiding in Encrypted Images
172	Shubhi Sharma, Manoj Kumar and T. P. Singh	Segmentation of ROI using two-fold image with Super Resolution Technique
201	Yassine Ezaier	Statistical study on the broken fiber of a composite membrane
202	Irfan Ullah Khan	Perceptions of Undergraduate Students Regarding the Role of Information Communication Technologies (ICTs) in Education after COVID-19
203	Alexander Fisher	Data Visualization Design and Development
204	Tanuja Punetha	Maximizing deviation method for multi criteria group decision making under picture fuzzy set environment
205	Imran Ali	Measuring research performance of academic departments using DEA
206	Umair Khan	Hybrid nanofluid flow past an unsteady porous stretching/shrinking sheet with Newtonian heating in a porous medium
207	Geeta Arora	Solution of Sine-Gordan equation using Exponential B-Spline
208	Uttam Kumar	Dynamic Pricing Policy for Deteriorating Items in Declining Market
209	Souvik Datta	Semi-Supervised Learning for Autonomous Navigation
210	Amoolya Garg	Eye Gaze Movement Detection
211	Lavanya V, Angelin Ponrani M, Pavithra T	Detection of spinal cord healthiness
212	Jonathan Rivera	Data visualization project featuring Tableau
213	Rajnee Tripathi	Some Trigonometric Distance Fuzzy Intuitionistic Measures
215	Kamal Kakish & Alexander Fisher	Integrated Courier Ticketing System
216	Jennifer Portillo	Sentiment and Emotion Analysis on Reddit Cancer Forum
217	Changjie Lu	Unsupervised Domain Adaptation for Cardiac Segmentation: Towards Structure Mutual Information Maximization
218	Yu Lining	ProtoSi: Prototypical Siamese Network with Data Augmentation for Few-Shot Subjective Answer Evaluation
219	Tian Litong	A factor analytic of online learning implications of academic success and social-emotional ability

Note: Four best paper presentation certificates will be awarded based on the session chairs' and conference committee's recommendations. The authors' names and titles will be published on the conference website.