

International Conference on
Innovations in Computational Intelligence and Computer Vision (ICICV-2020)
 January 17-19, 2020

PAPER PRESENTATION SCHEDULE

Day 1: January 17, 2020 (Friday)		
Parallel Technical Session 1: [2.00 PM – 3.30 PM]		
Venue: Room No: 23, 2-AB		
Track: Artificial Intelligence and Computer Vision		
PID	Authors	Title
26	Raghav Sharma and Rohit Pandey	SWD: Low Compute Real Time Object Detection Architecture
35	Veena P V, Jitendra Kumar and Devadatta Prasad	NER tagging of Free Text Queries to Search Data for Developing Autonomous Driving System
62	Sweta Kumari, Aravindakshan S, Umangi Jain and V. Srinivasa Chakravarthy	Convolutional Elman Jordan Neural Network for Classification and Reconstruction Using Attention Window
103	Priaynsh Saxena, Akshat Maheshwari and Saumil Maheshwari	Predictive modeling of brain tumor: A Deep learning approach
104	Nitin Bakshi, Shivendra Shivani and Shailendra Tiwari	Optimized Z-buffer using Divide and Conquer for Visual Surface Detection
127	Jesus Malo	Channel capacity in psychovisual deep-nets: Gaussianization versus Kozachenko-Leonenko
150	Karishma Pawar and Vahida Attar	Automated Surveillance Model for Video based Anomalous Activity Detection using Deep Learning Architecture
195	Sweta Panigrahi, U.S.N. Raju, Pranay Raj R, Sindhu Namulamettu and Vishnupriya Thanda	Pedestrian Detection: Unification of Global and Local Features

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Day 1: January 17, 2020 (Friday)		
Parallel Technical Session 1: [2.00 PM – 3.30 PM]		
Venue: Room No: 25, 2-AB		
Track: Advanced Computing		
PID	Authors	Title
12	Sarthak Agarwal and Naina Narang	Machine Learning Techniques for Predicting Crop Production in India
37	Megha Rathi, Pranav Goyal, Dara Nanda Gopala Krishna and Divyansh Jain	Foodborne Disease Outbreak Prediction Using Deep Learning
38	Mirza Azeem Beg, Mahfooz Alam and Mohammad Shahid	A Workflow Allocation Strategy under Precedence Constraints for IaaS Cloud Environment
101	Robin T. Bye, Magnus Gribbestad, Ramesh Chandra and Ottar L. Osen	A comparison of GA crossover and mutation methods for the traveling salesman problem
135	Madhu Bhan and Rajanikanth K	Estimation of View Size Using Sampling Techniques
166	Suresh Kumar, Deepak Sharma, Payal Arora and Mansi .	Evaluation of AOMDV Routing Protocol for Optimum Transmitted Power in a Designed Ad-hoc Wireless Sensor Network
168	Yogesh Gupta and Ashish Saini	A new automatic query expansion approach using Term selection and document clustering
202	Lal Pratap Verma, Neelaksh Sheel and Chandra Shekhar Yadav	Concurrent Multipath Transfer using Delay Aware Scheduling

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Day 1: January 17, 2020 (Friday)		
Parallel Technical Session 2 [3.45 PM – 5.30 PM]		
Venue: Room No: 23, 2-AB		
Track: Advanced Computing in Interdisciplinary Areas		
PID	Authors	Title
39	Arpana Chaudhary, Chetna Soni, Chilka Sharma and Pawan Kumar Joshi	Artificial Neural Network analysis for predicting spatial patterns of urbanisation in India
43	Chetna Soni, Arpana Chaudhary, Uma Sharma and Chilka Sharma	Satellite Radar Interferometry for DEM Generation using Sentinel-1 Imagery
154	Anamika Sharma and Siddhartha Chauhan	Information Fusion based Intruder Detection Techniques in Surveillance Wireless Sensor Network
218	Akshita Gupta and Anand Sharma	Implementation of Recommender System using Neural Networks and Deep Learning
230	Chandrima Roy, Ekansh Maheshwari, Siddharth Rautaray, Manjusha Pandey and Rabindra Barik	GeoCloud4EduNet: Geospatial Cloud Computing Model for Visualization and Analysis of Educational Information Network
231	Poorna Surendran, Amitha Deep, Karthik Hariharan, Rishi Raj Jain and Shweta Krishnan	A Transfer Learning Approach for Drowsiness Detection from EEG signals
240	Peeyush Kumar, Ayushe Gangal and Sunita Kumari	Prognosis of Breast Cancer by implementing Machine Learning Algorithms using Modified Bootstrap Aggregating
249	Senthil Kumar Thangavel, Sridhar P and Latha Parameswaran	A new approach for Fire pixel detection in Building Environment using Vision Sensor
260	Saumil Maheshwari, Rishu Garg and Anupam Shukla	Decision Support System for Detection and Classification of Skin Cancer using CNN
272	Anuja Agarwal, Mahendra Parihar and Tanvi Shah	Feasibility of Adoption of Blockchain Technology in Indian Banking and Finance Sector

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Day 1: January 17, 2020 (Friday)		
Parallel Technical Session 2 [3.45 PM – 5.30 PM]		
Venue: Room No: 25, 2-AB		
Track: Image Processing & Innovative Practices		
PID	Authors	Title
17	Deepti Maduskar and Nitant Dube	Navier-Stokes based Image inpainting for Restoration of Missing Data due to Clouds
25	Dr. Cheruku Sandesh Kumar, Aishwarya Singh, Dr. Ashwani Kumar Yadav and Vinod Kumar Sharma	Perception of Plant Diseases in colour images through Adaboost
139	Softya Sebastian, Sk. Atahar Ali, Alok Das and Swarup Roy	pARACNE: A Parallel Inference Platform for Gene Regulatory Network using ARACNe
141	Vishakha Chourasia, Sudhakar Pandey and Sanjay Kumar	Packet Priority-based routing Approach for Vehicular Delay Tolerant Network
144	Deep Shikha and Siddhartha Chauhan	Aadhaar Based Authentication and Authorization Scheme for Remote Healthcare Monitoring
145	Mohammad Ahsan and T. P. Sharma	Influence of Internal and External Sources on Information Diffusion at Twitter
178	Zhou Ting, Dakshina Yadav, Asif Khan and Amit Yadav	Successful delivery probability and performance analysis of Network Coding with multi-generation mixing in wired network
196	Aiman Jan, Shabir Ahmad Parah and Bilal Ahmad Malik	Logistic map based Image Steganography using Edge Detection
207	Vivek Upadhyaya and Mohammad Salim	Analysis of MRI Image Compression Using Compressive Sensing
267	Richa Sharma, T.P Sharma and Ajay Kumar Sharma	Reputation Based Stable Grouping Strategy for Holistic Content Distribution in IoV

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Day 2: January 18, 2020 (Saturday)		
Parallel Technical Session 3 [11.30 AM - 01:00 PM]		
Venue: Room No: 23, 2-AB		
Track: Interdisciplinary Areas		
PID	Authors	Title
24	Monika Saini, Ashish Kumar and Kuntal Devi	Stochastic Investigation of Two-unit Redundant System with Provision of Repair and Priority
93	Aleksandar Karadimche, Natasa Paunkoska Dimoska, Dijana Capeska Bogatinoska, Ninoslav Marina and Amita Nandal	Guided analytics software for smart aggregation, cognition and interactive visualisation
210	Sudhanshu Singh, Rakesh Verma and Saroj Koul	Big Data platform selection at a hospital: A Rembrandt system application
229	Rajender Kumar Beniwal and Manish Kumar Saini	Analysis of PQ disturbances in renewable grid integration system using Non-parametric spectral estimation approach
242	Bharat Garg, Prateek Jeet Singh Sohi, Nikhil Sharma and K V Arya	Noise Density Range Sensitive Mean-Median Filter for Impulse Noise Removal
246	Shivani Saxena and Prof. Ritu Vijay	Detection of life threatening ECG arrhythmias using morphological patterns and Wavelet transform method
265	Vidyadhar Aski, Vijaypal Singh Dhaka and Anubha Parashar	An Attribute Based Break-Glass Access Control Framework for Medical Emergencies
266	Jitender Tanwar, Sanjay Kumar Sharma and Mandeep Mittal	Faster and Secured Web Services Communication Using Modified IDEA and Custom Level Security

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Day 2: January 18, 2020 (Saturday)		
Parallel Technical Session 3 [11.30 AM – 01:00 PM]		
Venue: Room No: 25, 2-AB		
Track: Image Processing & Innovative Practices		
PID	Authors	Title
59	Alagu S and Bhoopathy Bagan K	Computer assisted classification framework for detection of acute myeloid leukemia in peripheral blood smear images
68	Nilima Shah, Dhanesh Patel and Pasi Franti	Fast Mumford-Shah two phase image segmentation using proximal splitting scheme
77	Chander Kant and Komal	An Efficient Multimodal Biometric System Integrated with Liveness Detection Technique
78	Chander Kant and Sheetal Chaudhary	A Multimodal Biometric System Based on Finger Knuckle Print, Fingerprint and Palmprint Traits
83	Anjali Kapoor and Rekha Agarwal	Image segmentation of MR images with multi-directional region growing algorithm
174	Chetna Dabas, Gaurav Nigam and Himanshu Nagar	Investigating Large Scale Graphs for Community Detection
222	Somya Goyal and Pradeep Bhatia	Software Quality Prediction using Machine Learning Techniques
257	Padmavathi Karuppusamy, Dr.A.V.Senthilkumar Appasamy Venkatraman and Dr.Amitdutta Amitdutta	HYBRID FEATURE SELECTION METHOD FOR PREDICTING MEMBRANOUS NEPHROPATHY DISEASE

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Day 2: January 18, 2020 (Saturday)		
Parallel Technical Session 4 [02:00 PM - 03.45 PM]		
Venue: Room No: 23, 2-AB		
Track: Artificial Intelligence and Computer Vision for Advancement		
PID	Authors	Title
89	Somosri Hore and Kumarshankar Raychaudhuri	Cyber Espionage - An Ethical Analysis
106	Medara Rambabu, Swati Gupta and Ravi Shankar Singh	Data Mining in Cloud Computing: Survey
109	Usha Soni Verma and Dr Namit Gupta	Optimal Nodes Communication Coverage Approach for Wireless Sensor Network Path Planning
110	Usha Verma and Dr Namit Gupta	Reliability Enhancement of Wireless Sensor Network Using Error Rate Estimation(ERE) Method
118	Aman Apte, Aritra Bandyopadhyay, Akhilesh Shenoy, Jason Peter Andrews, Manish Agnihotri, Aditya Rathod and Aditya Jajodia	Countering Inconsistent Labelling by Google's Vision API for Rotated Images
142	Varsha Garg, Vidhi Markhedkar, Shalvi Lale and T. N. Raghunandan	Video Tagging and Recommender System using Deep Learning
149	Ritabrata Sanyal, Manan Jethanandani and Ram Sarkar	DAN : Breast Cancer Classification from High Resolution Histology Images using Deep Attention Network
201	Ishita Joshi, Satyabrata Roy, Krishna Kumar, Ravinder Kumar and Deepak Sinwar	A Novel Framework for Autonomous Driving
219	Ankit Grover, Nitesh Pradhan and Prashant Hemrajani	Comparison based Study to Predict Breast Cancer: A Survey
223	Umashankar Rawat, Satyabrata Roy, Saket Acharya and Krishna Kumar	A Secure and Efficient Technique to access Cryptographic File System over Network File System

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Day 2: January 18, 2020 (Saturday)		
Parallel Technical Session 4 [02:00 PM – 03.45 PM]		
Venue: Room No: 25, 2-AB		
Track: Image Processing and Video Analysis		
PID	Authors	Title
121	Manju Devi, Shailendra Tiwari and Sukhdip Singh	Computed Tomography Image Reconstruction using Fuzzy Complex diffusion Regularization
126	Fagul Pandey, Priyabrata Dash and Divyanshi Sinha	A Random-walk based cancelable biometric template generation
130	Anupam Shukla, Ifsha Wadhwa, Aakanksha Gupta, Simran Jaglan and Shivendra Shivani	An efficient Self-embedding Fragile Watermarking Scheme based on Neighborhood Relationship
147	Nidhi Malik, Ashwin Balaji, Ritika Chauhan, Shubham Kotnala and Tulika Rohilla	Personality Traits prediction from handwriting Images
180	Vishwas Rajashekar and Shylaja Ss	Analysis of Gait and Face Biometric Traits from CCTV Streams for Forensics
186	Anand Ghuli, Dayanand Savakar and Shivanand Pujar	Multiple digital image watermarking using SWT, FWHT and R, G, B channel
193	Unnati Koppikar, Sujatha C, Prakashgoud Patil and P S Hiremath	Face Liveness Detection to Overcome Spoofing Attacks in Face Recognition System
214	Ishita Swami and Dr. Anil C. Suthar	Smart Vehicle Tracker for Parking Sytem
245	Shyo Prakash Jakhar, Amita Nandal and Rahul Dixit	Classification and measuring accuracy of Lenses using Inception Model V3
255	Ritabrata Sanyal, Manan Jethanandani, Deepak Reddy and Abhijit Kurtakoti	Localizing license plates in real time with RetinaNet object detector