

PRESENTATION SCHEDULE: ICACIE 2019

DAY-1

Regular Session 1.2.1:

Advanced Machine Learning Applications-I

21Dec 2019 @ 15:00 hrs - 17:00 hrs

Paper ID	Paper Details
027	Prediction of Stroke Risk Factors for Better Pre-emptive Healthcare: A Public Survey Based Approach <i>Debayan Banerjee and Jagannath Singh</i>
037	Multilevel Neuron Model Construction Related to Structural Brain Changes using Hypergraph <i>Shalini Ramanathan and Mohan Ramasundaram</i>
044	Language Identification-A Supportive Tool for Multilingual ASR in Indian Perspective <i>Basanta Kumar Swain and Sanghamitra Mohanty</i>
056	Ensemble Methods to Predict the Locality Scope of Indian and Hungarian Students for the Real Time: Preliminary results <i>Chaman Verma , ZoltánIllés, and Veronika Stoffová</i>
061	A Supervised Approach to Aspect Term Extraction Using Minimal Robust Features for Sentiment Analysis <i>Manju Venugopalan, Deepa Gupta, and Vartika Bhatia</i>
068	Correlation of Visual Perceptions and Extraction of Visual Articulators for Kannada Lip Reading <i>Nandini M S, Nagappa U. Bhajantri, and Trisiladevi C Nagavi</i>
071	Machine Learning Methods for Vehicle Positioning in Vehicular Ad-Hoc Networks <i>Suryakanta Nayak, Partha Sarathi Das, and Satyasen Panda</i>
094	Fusion of Artificial Intelligence for Multi-Disciplinary Optimization: Skidding Track – case study <i>Abhishek Nigam and Debi Prasad Ghosh</i>
105	SVM and Ensemble-SVM in EEG-based Person Identification <i>Banee Bandana Das, Saswat Kumar Ram, Korra Sathya Babu, and Ramesh Kumar Mohapatra</i>
144	A Technique to Classify Sugarcane Crop from Sentinel-2 Satellite Imagery Using U-Net Architecture <i>Shyamal Virnodkar, V. K. Pachghare, and Sagar Murade</i>
168	Performance Evaluation of RF and SVM for Sugarcane Classification Using Sentinel 2 Time Series NDVI <i>Shyamal Virnodkar, V. K. Pachghare , V. C. Patil , Sunil Kumar Jha</i>
186	Evaluation of Digital Forensic Tools in MongoDB Database Forensics <i>Rupali Chopade and Vinod Pachghare</i>

Regular Session 1.2.2
Advanced Computer Networks and Algorithms
21 Dec 2019 @ 15:00 hrs - 17:00 hrs

Paper ID	Paper Details
015	Detection and Prevention from DDoS Attack Using Software Defined Security <i>Sumit Badotra, S.N Panda, and Priyanka Datta</i>
026	Dynamic Resource Aware Scheduling Schemes for IEEE 802.16 Broadband Wireless Networks <i>M Deva Priya, A Christy Jeba Malar, S Sam Peter, G Sandhya, L.R Vishnu Varthan, R Vignesh</i>
046	Generic Framework for Privacy Preservation in Cyber-Physical Systems <i>Rashmi Agarwal and Muzzammil Hussain</i>
065	Detection and Classification of Tomato Pests using Support Vector Machine based on HOG and LBP feature Extraction Technique <i>Gayatri Pattnaik and K. Parvathi</i>
080	Automatic Short-Answer Grading using Corpus-based Semantic Similarity Measurements <i>Bhuvnesh Chaturvedi and Rohini Basak</i>
089	A novel authentication scheme for VANET with anonymity <i>Harshita Pal and Bhawna Narwal</i>
090	A Productive Review on Sentimental Analysis for High Classification Rates <i>Gaurika Jaitly and Manoj Kapil</i>
102	A Survey on Handover Algorithms in Heterogeneous Wireless Network <i>Mithun B. Patil and Rekha Patil</i>
180	Load Balancing Using Firefly Approach <i>Manisha Tapale, R. H. Goudar, and Mahantesh Birje</i>
182	Scaled Document Clustering and Word Cloud based Summarization on Hindi Corpus <i>Prafulla B. Bafna and Jatinderkumar R. Saini</i>

DAY-2

**Regular Session 2.1.1:
Advanced Image and Video Processing
22Dec 2019 @ 10:30 hrs - 12:30 hrs**

Paper ID	Paper Details
014	Crack Detection on Inner Tunnel Surface Using Image Processing <i>Debanshu Biswas, Ipsit Nayak, Shaibal Choudhury, Trishaani Acharjee, Mayank Mishra, and Sidhant</i>
034	Novel Approach for Resolution Enhancement of Satellite Images Using Wavelet Techniques <i>Mansing Rathod, Jayashree Khanapuri, and Dilendra Hiran</i>
057	Vehicle Number Plate Detection: An Edge Image Based Approach <i>Kalyan Kumar Jena, Soumya Ranjan Nayak, Sasmita Mishra, and Sarojananda Mishra</i>
069	A High Precision Pixel Mapping Method for Image Sensitive Areas based on SVR <i>Huang Jing, Amit Yadav, Asif Khan, and Dakshina Yadav</i>
079	SVM Based Drivers Drowsiness Detection using Machine Learning and Image Processing Techniques <i>Rasna P and Smihamol M B</i>
082	Nucleus Segmentation from Microscopic Bone Marrow Image <i>Shilpa, Rajesh Gopakumar, and Vasundhara Acharya</i>
093	Developing a Framework for Acquisition and Analysis of Speech <i>Md. Billal Hossain, Mohammad Shamsul Arefin, and Mohammad Ashfaq Habib</i>
138	A Self Acting Mechanism to Engender Highlights of a Tennis Game <i>Ramanathan Arunachalam and Abishek Kumar</i>
233	ISS: Intelligent Security System using Facial Recognition <i>Rajesh Kumar Verma and Praveen Singh</i>

**Women in Engineering (WiE) Session 2.1.2:
22Dec 2019 @ 10:30 hrs - 12:30 hrs**

Paper ID	Paper Details
092	BOSCA- A hybrid Butterfly optimization algorithm modified with Sine Cosine algorithm <i>Sushmita Sharma and Apu Kumar Saha</i>
117	Effective Identification and Prediction of Breast-Cancer Gene Using Volterra Based LMS/F Adaptive Filter <i>Lopamudra Das, J.K. Das, and Sarita Nanda</i>
120	An Experimental Setup to Study the Effect of Switching Transients for Underground Distribution Cable <i>Sanhita Mishra, A. Routray, and S.C. Swain</i>
135	Gait-based Person Identification, Gender Classification, and Age Estimation: A review <i>Rupali Patua, Tripti Muchhal, and Saikat Basu</i>
147	Performance Analysis of Recursive Rule Extraction Algorithms for Disease Prediction <i>Manomita Chakraborty, Saroj Kumar Biswas, and Biswajit Purkayastha</i>
150	Techniques for Preserving Privacy in Data mining for Cloud Storage: A Survey

	<i>Ila Chandrakar and Vishwanath R Hulipalled</i>
152	Recent Challenges in Recommender Systems: A Survey <i>Madhusree Kuanr and Puspanjali Mohapatra</i>
153	A QoS aware Binary Salp Swarm Algorithm for Effective Task Scheduling in Cloud Computing <i>Richa Jain and Neelam Sharma</i>
158	An Unsupervised Technique to Generate Summaries from Opinionated Review Documents <i>Ashwini Rao and Ketan Shah</i>
178	Fuzzy Cognitive Map based Genetic Algorithm for Community Detection <i>Haritha K and Judy M V</i>
211	IOT Security, Challenges and Solutions: A Review <i>Jayashree Mohanty, Sushree Mishra, Sibani Patra</i>

Special Session 2.1.3:**22Dec 2019 @ 10:30 hrs - 12:30 hrs**

Paper ID	Paper Details
04	Performance Evaluation of Composite Fading Channels using q-Weibull Distribution <i>Tanmay Mukherjee and Dilip Senapati</i>
013	A Novel Approach based on Associative Rule Mining technique for Multi-Label Classification (ARM-MLC) <i>Prathibhamol C.P, K Ananthkrishnan, Neeraj Nandan, Abhijith Venugopal, and Nandu Ravindran</i>
042	Rough Set Applications in Medical Health Care Data Analytics <i>Indrani Kumari Sahu, G.K. Panda, and Susant Kumar Das</i>
058	IOT based Modelling of Electronic Healthcare System through Connected Environment <i>Subhasis Mohapatra and Smita Parija</i>
067	Poly Scale Space Technique for Feature Extraction in Lip Reading: A New Strategy <i>Nandini M S, Nagappa U. Bhajantri, and Trisiladevi C Nagavi</i>
096	Smart Railway Management System using IoT <i>Dethe Tukaram and Uma Maheswari B</i>
101	SEHS: Solar Energy Harvesting System for IoT Edge Node Devices <i>Saswat Kumar Ram, Banee Bandana Das, and Kamala Kanta Mahapatra</i>
103	Adaptive Applications of Maximum Entropy Principle <i>Amit Kumar Singh, Dilip Senapati, Tanmay Mukherjee, and Nikhil Kumar Rajput</i>
106	A Non-stationary Analysis of Erlang Loss Model <i>Amit Singh, Dilip Senapati, and Nikhil Rajput</i>
111	A Novel Approach to Optimize Deep Neural Network Architectures <i>Harshita Pal and Bhawna Narwal</i>
125	Identifying Challenges in the Adoption of Industry 4.0 in the Indian Construction Industry <i>Arpit Singh and Subhas Chandra Misra</i>
174	An Efficient Emergency Management System based on Mobile Cloud <i>Ramasamy V, Gomathy B, and Rajesh Kumar Verma</i>

Regular Session 2.2.1:
Advanced Electronics Applications
22Dec 2019 @ 15:00 hrs - 17:00 hrs

Paper ID	Paper Details
028	Analysis of the Employability and Benefit of Application of Artificial Neural Net Based Monitoring System for Utility Networks <i>Shubhranshu Kumar Tiwary, Jagadish Pal, and Chandan Kumar Chanda</i>
040	Performance of Smart Antenna Arrays For WiMAX Application Under Fading Channels <i>Anupama Senapati, Pratyushna Singh, and Jibendu Sekhar Roy</i>
043	Performance Comparison of Variants of Hybrid FLANN-DE for Intelligent Nonlinear Dynamic System Identification <i>S. Swayamsiddha</i>
066	Load Cell and FSR Based Hand Assistive Device <i>Aneesha Acharya K, Somashekara Bhat, and Kanthi M</i>
073	Effectiveness of Swarm based metaheuristic algorithm in Data Classification Using Pi-Sigma Higher Order Neural Network <i>Nibedan Panda and Santosh Kumar Majhi</i>
088	Power Quality Analysis of a Distributed Generation System using Unified Power Quality Conditioner <i>Sarita Samal, Akansha Hota, Prakash Kumar Hota, and Prasanta Kumar Barik</i>
091	A hybrid: Biogeography based optimization-Differential Evolution algorithm based transient stability analysis <i>P.K. Dhal</i>
119	Restraining Voltage Fluctuations in Distribution System with Jaya Algorithm Optimized Electric Spring <i>K. Keerthi Deepika, Vijayakumar J., Gattu Kesava Rao</i>
130	Effect of Distributed Generator on Over-current Relay Behaviour <i>Tapaswini Biswal</i>

Regular Session 2.2.2:
Soft Computing Applications
22Dec 2019 @ 15:00 hrs - 17:00 hrs

Paper ID	Paper Details
076	Deep Learning for Cover Song Apperception <i>D. Khasim Vali, Nagappa U Bhajantri</i>
077	Exploration Of Cognition Impact: An Experiment with Cover Song Retrieval Through Indexing <i>D. KhasimVali and Nagappa U Bhajantri</i>
087	An effective hybrid approach for solving Prioritized Cube Selection problem using Particle Swarm Optimization and Tabu Search <i>Anjana Gosain and Heena Madaan</i>
112	A Novel Authentication Scheme for Wireless Body Area Networks with Anonymity <i>Upasna Singh and Bhawna Narwal</i>
129	Architecture of Proposed Secured Crypto-Hybrid Algorithm (SCHA) for Security and Privacy Issues in Data Mining

	<i>Pasupuleti Nagendra Babu and S. Ramakrishna</i>
133	An IoT-based Smart Parking System using Thingspeak <i>Anagha Bhat, Bharathi Gummanur, Likhitha Priya, and J Nagaraja</i>
137	Efficient Watermarking in Color Video Using DWT-DFT and SVD Technique <i>Mangal Patil, Preeti Bamane, and Supriya Hasarmani</i>
141	Human Action Recognition Using STIP Evaluation Techniques <i>H S Mohana and Mahanthesha U</i>
148	Motif Discovery and Anomaly Detection in an ECG Using Matrix Profile <i>Rutuja Wankhedkar and Sanjay Kumar Jain</i>
154	Framework to Detect NPK Deficiency in Maize Plants Using CNN <i>Padmashri Jahagirdar and Suneeta V. Budihal</i>
155	Stacked De-noising Auto-encoder: A Learningbased Algorithm for the Reconstruction of Handwritten Digits <i>Huzaiifa M. Maniyar, Nahid Guard, and Suneeta V. Budihal</i>
167	Preserving privacy of data in Distributed Systems using Homomorphic Encryption <i>Kalyani P, Masooda M, Namrata P</i>

DAY-3

Regular Session 3.1.1:

Advanced Machine Learning Applications-II

23 Dec 2019 @ 10:30 hrs - 12:30 hrs

Paper ID	Paper Details
023	Prediction of Depression using EEG: A Comparative Study <i>Namrata P. Mohanty, Sweta Shree Dash, Sandeep Sobhan and Tripti Swarnkar</i>
035	A Realistic Sensing Model for Event Area Estimation in Wireless Sensor Networks <i>Srabani Kundu, Nabanita Das, and Dibakar Saha</i>
036	Pre-emptive Spectrum Access for Cognitive Radio <i>Avirup Das, Sandip Karar, Nabanita Das, and Sasthi C. Ghosh</i>
053	AEDBSCAN – Adaptive Epsilon Density Based Spatial Clustering of Applications with Noise <i>Vidhi Mistry, Urja Pandya, Anjana Rathwa, Himani Kachroo and Anjali Jivani</i>
055	Impact of Pre-requisite Subjects on Academic Performance Using Association Rule Mining <i>Chandra Das, Shilpi Bose, Arnab Chanda, Sandeep Singh, Sumanta Das, and Kuntal Ghosh</i>
059	Benchmarking Performance of Erasure Codes for Linux File system EXT4, XFS and BTRFS <i>Shreya Bokare and Sanjay S. Pawar</i>
097	A Single Document Assamese Text Summarization Using a Combination of Statistical Features and Assamese WordNet <i>Nomi Baruah, Shikhar Kr. Sarma, and Surajit Borkotokey</i>
151	Extraction of Relation between Attributes and Class in Breast Cancer Data Using Rule Mining Techniques <i>Krishna Mohan, Priyanka C. Nair, Deepa Gupta, Ravi C. Nayar, and Amritanshu Ram</i>
172	Classification of Nucleotides Using Memetic Algorithms and Computational Methods <i>Rajesh Eswarawaka, S Venkata Suryanarayana, Purnachand Kollapudi, and Mrutyunjaya S Yalawar</i>
234	G.V Black Classification of Dental Caries Using CNN <i>Prerna Singh and Priti Sehgal</i>