

PRESENTATION SCHEDULE: ICACIE 2017

DAY-1

Regular Session 1.2.1:

Advanced Image Processing

23 Nov 2017 @ 16:00 hrs - 18:45 hrs

Paper ID	Paper Details
124	Patch Based Feature Extraction Algorithm for Mammographic Cancer Images <i>Rajasree P M and Anand Jatti</i>
130	Segmentation and Detection of Lung Cancer Using Image Processing and Clustering Techniques <i>Preeti Joon, Shalini Bhaskar Bajaj, and Aman Jatain</i>
173	A Correlative Study of Contrary Image Segmentation Methods Appending Dental Panoramic Xray Images to Detect Jawbone Disorders <i>Veena Divya. K, Anand Jatti, Revan Joshi, and Deepu Krishna S.</i>
326	Image Quilting for Texture Synthesis of Gray-scale Images Using Gray Level Cooccurrence Matrix and Restricted Cross-correlation <i>Mudassir Rafi and Sushanta Mukhopadhyay</i>
346	Tongue Recognition and Detection <i>Divya Meena and Ravi Saharan</i>
391	Sample Entropy based Selection of Wavelet Decomposition Level for Finger Movement Recognition Using EMG <i>Nabasmitta Phukan and Nayan M Kakoty</i>
393	A Novel Approach for Data Hiding with Random LSB Steganography <i>Khalil Ahmed and Jasleen Kour</i>
399	Skin Detection using Hybrid Colour Space of RGB-HCMYK <i>P. Shanmugavadivu and Ashish Kumar</i>
475	Cryptanalysis on Digital Image Watermarking based on Feature Extraction and Visual Cryptography <i>NehaShashni, Ranvijay, and Mainejar Yadav</i>
504	Spoofing Security Approach for Facial Biometric Data Authentication in Unconstraint Environment <i>Naresh Kumar and Aditi Sharma</i>
547	GPU based Approach for Human Action Recognition in Video <i>Vikas Tripathi, Vaishali Dabral, Pooja Sharma, Ishita Dutta</i>

Regular Session 1.2.2
Machine Learning and Data Mining - I
23 Nov 2017 @ 16:00 hrs - 18:45 hrs

Paper ID	Paper Details
046	Protein Sequence in Classifying Dengue Sterotypes <i>Pandiselvam Pandiyarajan and Kathirvalavakumar Thangairulappan</i>
090	An Assistive Bot for Healthcare using Deep Learning - Conversation-as-a-Service <i>Dhvani Shah, and Joel Philip</i>
105	A Comprehensive Recommender System for Fresher and Employer <i>Bhavna Gupta, Sarthak Kanodia, Nikita Khanna, Saksham</i>
115	A New Approach of Learning Based on Episodic Memory Model <i>Rahul Shrivastava and Sudhakar Tripathi</i>
140	A Hybrid Model for Mining and Classification of Gene Expression Pattern for Detecting Neurodegenerative Disorder <i>S. Geeitha and M. Thangamani</i>
152	Quadrature Synchronization of Two Van der Pol Oscillators Coupled by Fractional Order Derivatives <i>Aman Kumar Singh and R. D. S. Yadava</i>
174	A New Deterministic Method of Initializing Spherical k-means for Document Clustering <i>Iti Sharma, Fatima Gulnashin, and Harish Sharma</i>
487	Gradient-based Swarm Optimization for ICA <i>Rasmikanta Pati, Vikas Kumar, and Arun K. Pujari</i>
514	Empirical Evaluation of Inference Technique for Topic Models <i>Pooja Kherwa and Poonam Bansal</i>
540	Action Recognition Framework based on Normalized Local Binary Pattern <i>Shivam Singhal and Vikas Tripathi</i>

Regular Session 1.2.3:
Cryptography and Information Security
23 Nov 2017 @ 16:00 hrs - 18:45 hrs

Paper ID	Paper Details
020	Two-Phase Validation Scheme for Detection and Prevention of ARP Cache Poisoning <i>Sweta Singh, Dayashankar Singh, and Aanjei Mani Tripathi</i>
092	Software Defined Networking (SDN) and Distributed Denial of Services (DDoS) <i>Subham Kumar, Sumit Kumar, and Valluri Sarimela</i>
100	A Fast Image Encryption Technique Using Henon Chaotic Map <i>Kapil Mishra and Ravi Saharan</i>
106	A New Approach to Provide Authentication Using Acknowledgment <i>Vijay Paul Singh, Naveen Aggarwal, Muzzammil Hussain, Charanjeet Kour Raina</i>
155	Prevention of Replay Attack Using Intrusion Detection System Framework <i>Mamata Rath and Binod Kumar Pattanaik</i>
168	Appending Photoplethysmographic Signal as a security key for encryption of Medical Image using Watermarking Technique <i>Vidya M J and Padmaja K V</i>
215	Hierarchical Autoconfiguration Scheme for IPv6 Based MANETs <i>Reshmi TR</i>
328	Improved (k,n) Visual Secret Sharing based on Random grids <i>Pritam Kumari and Rajneesh Rani</i>
332	Efficient Motion Encoding Technique for Activity Analysis at ATM Premises <i>Prateek Bajaj, Monika Pandey, Vikas Tripathi, and Vishal Sanserwal</i>
388	EKRV: Ensemble of kNN and Random Committee Using Voting for Efficient Classification of Phishing <i>Niranjan A, Haripriya D K, Pooja R, Sarah S, P Deepa Shenoy, Venugopal K R</i>
389	Enhanced Digital Video Watermarking Technique Using 2 Level-DWT <i>Rashmi Jakhmola and Rajneesh Rani</i>

DAY-2

Regular Session 2.1.1:
Optical and Wireless Networks
24 Nov 2017 @ 09:30 hrs - 12:10 hrs

Paper ID	Paper Details
014	Design and Implementation of OFDM Transceiver Using Different Modulation Techniques over CDMA <i>Shikha Bharti, Hemant Rathore, Arun Kumar, and Manish Kumar Singh</i>
078	Discrimination of Healthy and Parkinson Diseased Subjects Using Thomson Multitaper Mel Frequency Cepstral Coefficients as Voice Features <i>Savitha S Upadhya, A. N. Cheeran, and J.H. Nirmal</i>
114	Resource Monitoring Using Virtual Ring Navigation through Mobile Agent for Heterogeneity Oriented Inter-connected Nodes <i>Rahul Singh Chowhan and Rajesh Purohit</i>
185	Energy Harvesting Based Two Hop Clustering for Wireless Mesh Network <i>Sudeep Tanwar, Shivangi Verma, and Sudhanshu Tyagi</i>
197	A Compact and High Selective Microstrip Dual band Bandpass Filter <i>Dwipjoy Sarkar and Tamasi Moyra</i>
214	An Energy Aware Coordination Mechanism for EH-WSAN <i>Jagadeesh Kakarla</i>
217	A Simulation Study: LMI based Sliding Mode Control with Attractive Ellipsoids for Sensorless Induction Motor <i>Deepika Sharma, Shiv Narayan, and Sandeep Kaur</i>
444	Text-to-Speech Synthesis System for Mymensinghiya Dialect of Bangla Language <i>Afruza Begum, S Md S Askari, and Utpal Sharma</i>
469	An Effective Intrusion Detection System Using Flawless Feature Selection, Outlier Detection and Classification <i>Rajesh Kambattan Kovarasan and Manimegalai Rajkumar</i>

Regular Session 2.1.2:**Cloud Computing Security, Distributed Systems and Software Engineering**

24 Nov 2017 @ 09:30 hrs - 12:10 hrs

Paper ID	Paper Details
054	Secured Cloud-based Federation for EHR using Multi-Authority ABE <i>Siddhesh Mhatre and Anant V. Nimkar</i>
113	A Brief Study on Build Failures in Continuous Integration: Causation and Effect <i>Romit Jain, Saket Kumar Singh, and Bharavi Mishra</i>
189	Relating Vulnerability & Security Service Points for Web Application through Penetration Testing <i>Rajendra Kachhwaha and Rajesh Purohit</i>
338	Web Services Regression Testing through Automated Approach <i>Divya Rohatgi and Gyanendra Dwivedi</i>
374	Securing Healthcare Information over Cloud Using Hybrid Approach <i>Kirit J. Modi and Nirali Kapadia</i>
437	Standardization of Intelligent Information of Specific Attack Trends <i>Ashima Rattan, Navroop Kaur, and Shashi Bhushan</i>
525	Performance Evaluation of Wireless Sensor Networks in the Presence of Wormhole Attack <i>Manish Patel, Akshai Aggarwal, and Nirbhay Caubey</i>
544	Challenges to Cloud PLM Adoption <i>Shikha Shukla Singh and Subhas Chandra Misra</i>
556	Millimeter Wave (MMW) Communications for Fifth Generation (5G) Mobile Networks <i>Umar Farooq and Ghulam Mohammad Rather</i>
567	MBA: Mobile Cloud Computing Approach for Handling Big Data Applications <i>Rajesh Kumar Verma, Chhabi Rani Panigrahi, Ramasamy V., Bibudhendu Pati, Krishna Prasad P. E. S. N.</i>
610	An Efficient Task Consolidation Mechanism for Minimizing Energy Consumption in Cloud <i>Sanjay Kumar Giri, Chhabi Rani Panigrahi, Bibudhendu pati, and Joylal Sarkar</i>

Regular Session 2.1.3:
Machine Learning and Data Mining -II
24 Nov 2017 @ 09:30 hrs - 12:10 hrs

Paper ID	Paper Details
270	Learners' Player Model for Designing an Effective Game Based Learning <i>Lamyae Bennis, Said Benhlima, and M.Ali Bekri</i>
271	Improvements in Crowd Estimation Algorithm for High Density Crowd Analysis <i>Aakash Bansal, Shivam Sehgal, and Gitansh Anand</i>
289	Classification of Spam Email Using Intelligent Water Drops Algorithm with Naïve Baye's Classifier <i>Maneet Singh</i>
327	Saliency Detection in Text Documents using Policy- Driven Reinforcement Learning Methodologies <i>Gaurav Meena, Pradeep Kumar Singh, and Ravi Raj Chaudhary</i>
341	Evaluation of Neuropsychological Tests in Classification of Alzheimer's Disease <i>Vinutha N, Jayasudha R, Inchara K S, Hajira Khan, Sonu Sharma, P Deepa Shenoy, Venugopal K R</i>
362	Population Dynamics Indicators for Evolutionary Many-Objective Optimization <i>Raunak Sengupta, Monalisa Pal, Sriparna Saha, and Sanghamitra Bandyopadhyay</i>
363	Classification of Electrical Home Appliances Based on Their Harmonic Content Using ANN <i>Bighnaraj Panda, Madhusmita Mohanty, and Bidyadhar Rout</i>
373	Brain Visual State Classification of fMRI Data Using Fuzzy Support Vector Machine <i>Kavitha Srinivasan, Bharathi B, Pravish S, and Purushothaman S.S.</i>
378	Reducing Time Delay Problem in Asynchronous Learning Mode Using Metadata <i>Barsha Abhisheka and Rajeev Chatterjee</i>
400	Intelligent Mobile Agent Framework for Searching popular e-Advertisements <i>Roopa G M and Nirmala C R</i>
415	A Bayesian Approach for Flight Fare Prediction based on Kalman Filter <i>Abhijit Boruah, Kamal Boruah, Biman Das, Manash Jyoti Das, and Niranjan Borpatra Gohain</i>

Regular Session 2.2.1:
Soft Computing Applications and Pattern Recognition
24 Nov 2017 @ 16:15 hrs - 18:15 hrs

Paper ID	Paper Details
070	A Hybrid Machine Learning Technique for fusing fast kNN and training Set Reduction: Combining both Improves the Effectiveness of Classification <i>Bhagirath Parshuram Prajapati and Dhaval R. Kathiriya</i>
320	An Improved Bio Inspired BAT Algorithm for Optimization <i>Gopal Purkait, Dharmpal Singh, Madhusmita Mishra, Amrut Ranjan Jena, and Abhishek Banerjee</i>
349	Primitive feature-based Optical Character Recognition of the Devanagari Script <i>Richa Sharma and Tarun Mudgal</i>
361	Coplanar Waveguide UWB Bandpass Filter Using Defected Ground Structure and Interdigital Capacitor <i>Pratibha Verma, Tamasi Moyra, Dwipjoy Sarkar, Sarbani Sen, Priyansha Bhowmik, and Dharmvir Kumar</i>
386	Brain Tumor Classification for MR Imaging Using Support Vector Machine <i>Monika, Rajneesh Rani, and Aman Kamboj</i>
407	Multi Header Pulse Interval Modulation (MH-PIM) for Visible Light Communication System <i>Sandip Das and Soumitra Mandal</i>
428	Improved forecasting of CO2 emissions based on an ANN and Multiresolution Decomposition <i>Lida Barba and Nivaldo Rodríguez</i>
491	Order Reduction of Discrete System Models Employing Mixed Conventional Techniques and Evolutionary Techniques <i>Prabhakar Patnaik, Lini Mathew, Preeti Kumari, Seema Das, and Ajit Kumar</i>

Regular Session 2.2.2:
Machine Learning and Data Mining-III
24 Nov 2017 @ 16:15 hrs - 18:15 hrs

Paper ID	Paper Details
455	Clustered Support Vector Machine for ATM Cash Repository Prediction <i>Pankaj Kumar Jadwal, Sonal Jain, Umesh Gupta, and Prashant Khanna</i>
484	A Novel LtR and RtL Framework for Subset Feature Selection (Reduction) for Improving the Classification Accuracy <i>Sai Prasad Potharaju and M. Sreedevi</i>
560	Enhancements to Randomized Web Proxy Caching Algorithms Using Data Mining Classifier Model <i>Julian Benadit.P, Sagayarj Fancis.F, and James Raj. A.M</i>
564	Extraction and Classification of Liver Abnormality Based on Neutrosophic and SVM Classifier <i>Jayanthi Muthuswamy</i>
590	Medicinal Plant Information Extraction System: A Text Mining Based Approach <i>Niyati Kumari Behera and G.S.Mahalakshmi</i>
618	Efficient Classification Technique on Health Care Data <i>R.Usha Rani and Jagadeesh Kakarla</i>

DAY-3

Regular Session 3.1.1:

Big Data Applications, Internet of Things and Data Science

25 Nov 2017 @ 09:30 hrs - 12:10 hrs

Paper ID	Paper Details
051	An Efficient Framework for Smart City Using Big Data Technologies and Internet of Things <i>Krishna Kumar Mohbey</i>
128	A Practical Implementation of Optimal Telecommunication Tower Placement Strategy Using Data Science <i>Harsh Agarwal, Bhaskar Tejaswi, and Debika Bhattacharya</i>
206	Evaluation of IoT-Based Computational Intelligence Tools for DNA Sequence Analysis in Bioinformatics <i>Zainab Alansari, Nor Badrul Anuar, Amirrudin Kamsin, Safeeullah Soomro and Mohammad Riyaz Belgaum</i>
293	Efficient Data Deduplication for Big Data Storage Systems <i>Naresh Kumar</i>
353	Strategies for inducing Intelligent Technologies to enhance last mile connectivity for Smart Mobility in Indian cities <i>Moushila De, Shailja Sikarwar, and Vijay Kumar</i>
401	A Proposed System for Prediction of Coronary Heart Disease Using Raspberry Pi 3 <i>Sahas Parimoo, Chailtali Chandankhede, Pulkit Jain, Shreya Patankar, , and Aishwarya Bogam</i>
454	Simulation of Analytical Chemistry Experiments on Augmented Reality Platform <i>Ishan R. Dave, Vikas Chaudhary, and Kishor P. Upla</i>
532	MCC and Big Data Integration for Various Technological Frameworks <i>Praveen Kumar Singh, Rajesh Kumar Verma, and Joy Lal Sarkar</i>
611	Smart HIV/AIDS Digital System Using Big Data Analytics <i>Ramasamy V., Gomathy B, and Rajesh Kumar Verma</i>
612	Applications of Smart HIV/AIDS Digital System Using Hadoop Ecosystem Components <i>Ramasamy V., Gomathy B, and Rajesh Kumar Verma</i>

Regular Session 3.1.2:
Social Networks and Sentiment Analysis
25 Nov 2017 @ 09:30 hrs - 12:10 hrs

Paper ID	Paper Details
041	Fused Sentiments from Social Media and its Relationship with Consumer Demand <i>Pushkal Agarwal, Shubham Upadhyaya, Aditya Kesharwani and Kannan Balaji</i>
076	A Prototype for Semantic Knowledge Retrieval from Educational Ontology Using RDF and SPARQL <i>S Mahaboob Hussain, Prathyusha Kanakam, and D. Suryanarayana</i>
150	Social Trust Analysis: How your behavior on the web determines reliability of the information you generate? <i>Sukthanker Rhea Sanjay and Saravanakumar K.</i>
162	Automatic Emotion Classifier <i>Nida Hakak, Mahira Kirmani, Mudasir Ahmed Muttoo, and Mohsin Mohd</i>
259	Sentiment Analysis of Tweets through Data Mining Technique <i>Taranpreet Singh Ruprah and Nitin Trivedi</i>
282	UPLBSN: User Profiling in Location Based Social Networking <i>Vasanthakumar G U, Ashwini G R, Srilekha K N, Swathi S, Ankita Acharya, P Deepa Shenoy, and Venugopal K R</i>
350	Performing Interest Mining on Tweets of Twitter Users for Recommending Other Users with Similar Interests <i>Richa Sharma, Shashank Uniyal, Vaishali Gera</i>
589	Improving Accuracy of Short Text Categorisation Using Contextual Information <i>V. Vasantha Kumar, S. Sendhilkumar, and G.S. Mahalakshmi</i>
501	Design of a Compact Ultra-Wideband Bandpass Filter Employing Defected Ground Structure and Short Circuited Stubs <i>Sarbani Sen and Tamasi Moyra</i>
507	Crop Suitability and Fertilizers Recommendation using Data Mining Techniques <i>Archana Chougule, Vijay Kumar Jha, and Debajyoti Mukhopadhyay</i>

Regular Session 3.2.1:
Advanced Networks, Software Defined Networks, and Robotics
25 Nov 2017 @ 14:30 hrs - 16:00 hrs

Paper ID	Paper Details
227	Design and Implementation of Autonomous UAV Tracking System Using GPS and GPRS <i>Devang Thakkar, Pruthvish Rajput, Rahul Dubey, and Rutu Parekh</i>
244	Mobile Robot Navigation in Unknown Dynamic Environment Inspired by Human Pedestrian Behavior <i>Nayan M. Kakoty, Mridusmita Mazumdar, and Durlav Sonowal</i>
262	Mobility Predication for Dynamic Location Area in Cellular Network Using Super Vector Regression <i>Nilesh B. Prajapati and Dhaval R. Kathiriya</i>
305	Object Surveillance Through Real-Time Tracking <i>Mayank Yadav and Shailendra Narayan Singh</i>
335	Handover between Wi-Fi and WiMAX Technologies Using GRE Tunnel <i>Aroof Aimen, Saalim Hamid, Suhail Ahmad, Surinder Singh Khurana, Mohammad Ahsan Chisti, and Amandeep Kaur</i>
519	Improved SLReduct Framework for Stress Detection using Mobile Phone Sensing Mechanism in Wireless Sensor Network <i>Prabhjot Kaur and Sheenam Malhotra</i>
570	Mobility Paradigm through Software Defined MANETs <i>Jyotsna Verma and Nistha Kesswani</i>
571	Implementing Time-Bounded Automatic Test Data Generation Approach based on Search Based Mutation Testing <i>Shweta Rani, Hrithik Dhawan, Gagandeep Nagpal, and Bharti Suri</i>

Regular Session 3.2.2:
Algorithms, Emerging Computing and Intelligent Engineering
25 Nov 2017 @ 14:30 hrs - 16:00 hrs

Paper ID	Paper Details
058	NavIC - An Indigenous Development for Self Reliant Navigation Services <i>Dinesh Kumar Misra and Mirza Mohammad Zaheer</i>
081	Modelling of Force and Torque due to Solar Radiation Pressure Acting on Interplanetary Spacecraft <i>Aman Kumar Sinha, and Mirza Mohd Zaheer</i>
131	A Tree Based Graphs Coloring Algorithm Using Independent Set <i>Harish Patidar and Prasun Chakrabarti</i>
135	Low Complexity MPN Preemption Policy for Real Time Task Scheduling <i>Kiran Arora, Savina Bansal, and Rakesh Kumar Bansal</i>
138	A Non-autonomous Ecological Model with Some Applications <i>Jai Prakash Tripathi, Vandana Tiwari, and Syed Abbas</i>
142	On Algebraic Characterization of IF-automata <i>Vijay K. Yadav, Swati Yadav, M. K. Dubey, and S. P. Tiwari</i>
146	Efficient Traffic Management on Road Network Using Edmonds-Karp Algorithm <i>Rajalakshmi V and Ganesh Vaidyanathan S</i>
266	On the Category of Quantale Semimodules <i>M. K. Dubey, Vijay K. Yadav, and S. P. Tiwari</i>