Technical Program – Paper Presentation

19th December, Monday - Parallel Session 1: ROOM 1	
Social Networks	
11.30 – 11.45 **Paper ID 4**	An efficient System to find freelancing and remote work in IT field. Sharmila Shinde and Prasanna Joeg
11.45 – 12.00 **Paper ID 6**	A Novel Scheme for Abatement of Privacy Concern by Controlling the Reachability in Online Social Network Moumita Samanta, Pinakpani Pal and Abhik Mukherjee
12.00 – 12.15 **Paper ID 7**	Online clustering based concept lattice reduction Kumar Ravi and Vadlamani Ravi
12.15 – 12.30 **Paper ID 8**	Classification and Application of Social Recommender Systems Revathy V R and Anitha S Pillai

19th December, Monday - Parallel Session 1: ROOM 2	
Neural Networks and Fuzzy Systems	
11.30 – 11.45 Paper ID 16	Predicting Mobile Application Ratings using Artificial Neural Network Mehul Raje
11.45 – 12.00 Paper ID 26	Reconstruction of 3- dimensional scenes using depth from defocus and artificial neural networks trained on fractals Kevin Joseph and Alex Noel Joseph Raj
12.00 – 12.15 Paper ID 32	Advanced Deep Neural Networks for Pattern Recognition: An Experimental Study Jayashree Padmanabhan and Melvin Jose Premkumar J
12.15 – 12.30 Paper ID 42	Thermal IR Face recognition using Zernike Moments and Multi Layer Perceptron Neural Network (MLPNN) classifier Vijayalakshmi G V Mahesh, Alex Noel Joseph Raj and Arulmozhivarman P
12.30 – 12.45 Paper ID 104	On the Effectiveness of Cost Sensitive Neural Networks for Software Defect Prediction Muthukumaran Kasinathan, Amrita Dasgupta, Abhidnya Shirode and Lalita Bhanu Murthy Neti
12.45 – 13.00 Paper ID 112	A Fuzzy Filter based Hybrid ARIMA-ANN model for Time Series Forecasting Sibarama Panigrahi, H. S. Behera and Ajith Abraham

19th December, Monday - Parallel Session 2: ROOM 1

Network and Mobile Technologies

14.00 – 14.15 Paper ID 29	Design of Wide Beam Hexagonal Shaped Circularly Polarized Patch Antenna for WLAN Application Saravanan M. and Rangachar M.J.S.
14.15 – 14.30 Paper ID 48	Prevention of illegal content sharing in peer to peer systems Sumalatha Gopathoti and Vasanthi Mantri
14.30 – 14.45 Paper ID 60	Anomaly-based Network Intrusion Detection An Outlier Detection Techniques Neeraj Kumar and Upendra Kumar
14.45 – 15.00 Paper ID 67	Performance Evaluation of Proposed Secured Minimum Delay Routing Protocol (SMDRP) In Vehicular Ad Hoc Viswacheda Duduku V, Jamal Ahmad Dargham and Ali Chekma
15.00 – 15.15 Paper ID 91	Detection and Mitigation of DoS attacks in VANET using Secured Minimum Delay Routing Protocol Viswacheda Duduku V, Jamal Ahmad Dargham and Ali Chekima
15.15 – 15.30 Paper ID 92	Enhance Hybrid cloud security using vulnerability management Dhinakaran K, Kirtana Ravichandran, Gayathri Kumaresan and Devisri Rajasundaram
15.30 – 15.45 Paper ID 95	A Novel Intelligent Ensemble Classifier for Network Intrusion Detection System Akhil Jabbar Meerja, srinivas k and sai satyanarayana reddy s
15.45 – 16.00 Paper ID 74	PPS: Parallel Pincer Search for Mining Frequent Itemsets based on Spark Ramesh Dharavath, Krishan Kumar Sethi and Samuel Nyakotey
16.00 – 16.15 Paper ID 116	Towards an Ultra-lightweight Cryptosystem for IoT Tasnime Omrani, Layth Sliman, Rabie Becheikh, Safya Belghith and BELGACEM BENHEDIA
16.15 – 16.30 Paper ID 36	Security Enabled Cluster Head Selection for Wireless Sensor Network using Improved Firefly Optimization Achyut Shankar and N Jaisankar Natarajan

19th December, Monday - Parallel Session 2: ROOM 2

Learning and Classification

14.00 – 14.15 Paper ID 2	Sensitivity analysis on effect of biomechanical factors for classifying vertebral deformities Jiyo Athertya and Gurunathan Saravana Kumar
14.15 – 14.30 Paper ID 8	C3 Framework - Classification System in Big data environment with Cache and Clustering concepts Sabitha Muralidharan, Vijayalakshmi S, Balaji Venkataraman, Venkumar P and Rathikaa Sre Rm
14.30 – 14.45 Paper ID 17	Dimensionality Reduction of SIFT Descriptor Using Vector Decomposition for Image Classification Dhirendra Kumar and Ramesh Kumar Agrawal
14.45 – 15.00 Paper ID 65	Unsupervised Learning based Static Hand Gesture Recognition from RGB-D sensor Bindu Verma and Ayesha Choudhary
15.00 – 15.15 Paper ID 68	Design and evaluation of reinforcement learning based AI agent: A case study in gaming Jayashree Padmanabhan and Ramakrishnan K
15.15 – 15.30 Paper ID 69	Natural Image Interpolation using Extreme Learning Machine Aman Dubey, Akshay Lohiya, Vishwajeet Narwal, Abhinash Jha, Punjal Agarwal and Gerald Schaefer
15.30 – 15.45 Paper ID 77	Expectation Maximization Based PCA and Hessian LLE with suitable Post Classifiers for Epilepsy Classification from EEG Signals Sunil Kumar Prabhakar and Harikumar Rajaguru
15.45 – 16.00 Paper ID 64	Deep Learning Approach for Recognition of Handwritten Kannada Numerals Ashwin R. Jadhav, Anirudh Ganesh and Cibi Pragadeesh K
16.00 – 16.15 Paper ID 80	Zernike Moments and Machine Learning Based Gender Classification Using Facial Images Vijayalakshmi G V Mahesh and Alex Noel Joseph Raj
16.15 – 16.30 Paper ID 25	A Well Organized Phrase-based Document Clustering Using ASCII Values and Adjacency List Srikanth Lukka and Rizwana Shaik

20th December, Tuesday - Parallel Session 3: ROOM 1	
Image processing and Optimization	
10.30 -10.45 Paper ID 3	Soft Feature Based Personal Recognition Sujata Kulkarni, Ranjana Raut and Udhav Bhosle
10.45 – 11.00 Paper ID 10	A Novel Edge Based Image Steganography Technique Seeja K.R., Jyoti Rana, Srishti Priya and Latika Ahuja
11.00 – 11.15 Paper ID 78	Color Image Compression Based On Feature Extraction D.J.Ashpin Pabi, P. Aruna and N. Puviarasan
11.15 – 11.30 Paper ID 90	Survey Of Image Segmentation Algorithm For Medical Images : Challenges And Methodologies Chinmayi P, Agilandeeswari L and Prabukumar M
11.30 – 11.45 Paper ID 96	Restoration of Degraded Historical Kannada Handwritten Document Images using Image Enhancement Techniques Parashuram Bannigidad and Chandrashekar Gudada
11.45 – 12.00 Paper ID 100	An Adaptive Foreground-Background Separation Method for Effective Binarization of Document Images Bishwadeep Das, Showmik Bhowmik, Aniruddha Sahaand Ram Sarkar
12.00 – 12.15 Paper ID 43	DWT Based Source Localization using Microphone Array Manoj Mukul
12.15 – 12.30 Paper ID 39	Geometric Programming: Chaperoning the Optimization of Symmetric FinFET Circuits Magnanil Goswami
12.30 – 12.45 Paper ID 41	Solving Machine Part Cell Formation Problem using Genetic Algorithm based Evolutionary computing Sowmiya N, Valarmathi B and Srinivasa Gupta N
12.45 – 13.00 Paper ID 88	Efficient Initialization of Particle Swarm Optimization using Low Discrepancy Sequence Shubham Kumar Gupta, Himanshu Gupta, Sagar Arora, Pranshu Nayak and Tanmay Shrivastava

20th December, Tuesday - Parallel Session 3: ROOM 2	
Bid data and intelligent applications	
10.30 -10.45 Paper ID 7	Smart Manufacturing through Sensor Based Efficiency monitoring system Balaji Venkatarman, Venkumar P, Sabitha Muralidharan, Vijayalakshmi S and Rathikaa sre RM
10.45 – 11.00 Paper ID27	Performance Comparison between Apache Hive and Oracle SQL for Big Data Analytics Rotsnarani Sethy, Santosh Kumar Dash and Dr. Mrutyunjaya Panda
11.00 – 11.15 Paper ID 63	Software Defect Prediction using Augmented Bayesian Networks Muthukumaran Kasinathan, Srinivas Suri, Aruna Malapati and Lalita Bhanu Murthy Neti
11.15 – 11.30 Paper ID 66	A cloud based Environment for big data analytics in Healthcare Ritu Chauhan, Rajesh Jangade and Vimal Kumar
11.30 – 11.45 Paper ID 85	Effect of Dimensionality Reduction on Sparsity Based Hyperspectral Unmixing Swarna M, V Sowmya and Kp Soman
11.45 – 12.00 Paper ID 102	Applicability of Soft Computing and Optimization Algorithms in Software Testing and Metrics –A Brief Deepak Sharma and Pravin Chandra
12.00 – 12.15 Paper ID 115	Impact of machine learning and Internet of Things in agriculture – State of the art Juhi Reshma and S.Pillai

SoCPaR – CaSON 2016
December 19-21, 2016

December 19-21, 09:00 -16:00
Virtual Presentations: ROOM 3

A New Form of Fuzzy Reasoning Tool to Ensure both Accuracy and Readability Sayan Ghosh, Ayananta Das and Dilip Pratihar
RDE - Reconstructed mutation strategy for Differential Evolution Algorithm Meera Ramadas, Ajith Abraham and Sushil Kumar
A Comparative Analysis of the different Data Mining Tools by using Supervised Learning Algorithms Akarsh Goyal, Ishan Khandelwal, Rahul Anand, Anan Srivastava and Swarnalatha P.
Forecasting Data Center Resource Usage: An Experimental Comparison With Time-Series Methods Somnath Mazumdar and Anoop S Kumar
Towards Designing a Framework for Practical Keystroke Dynamics Based Authentication Shivani Payal, Bhushan Garware and Shubhangi Kelkar
Assessment of Speech Denoising using a Perceptual Measure-PESQ Dhivya Ramasamy and Judith Justin
Enhanced Asynchronous Differential Evolution using Trigonometric Mutation Vaishali, Tarun K. Sharma and Ajith Abraham
Overlapping Group Sparsity Induced Condition Monitoring in Rotating Machineries Athira Chandran, Anjali T, Neethu Mohan and Soman K P
A comparative study of preprocessing techniques for marker based localisation for UAV's Gautam Sridhar and Akshay Chawla
Design of H-Plane Tee Junction in RSIW for Ku-band Applications Anamika Banwari, Ridhi Garg and Sanjeev Saxena
Thyroid Nodule Classification in Medical Ultrasound Images R Vanithamani and Dhivya Ramasamy
Robust detection of Hard exudates for diagnosis of Non-Proliferative Diabetic Retinopathy using Integrated approach Deepashree Devaraj and Prasanna Kumar S.C.
Design of E-Plane Tee Junction in RSIW for C-band Applications Anamika Banwari, Shailza Gotra, Sanjeev Saxena and Richa Shreyam
A Review on Hierarchical Clustering-based Covariance Model to ncRNA Identification Lustiana Pratiwi, Yun-Huoy Choo and Azah Kamilah Muda
Isotonic Muscle Fatigue Prediction for Sport Training using Artificial Neural Network Modelling Nur Shidah Ahmad Sharawardi, Yun-Huoy Choo, Shin-Horng Chong and Nur Ikhwan Mohamad
Semantic-based Model Analysis towards Enhancing Information Values of Process Mining: Case Study of Learning Process Domain Kingsley Okoye, Abdel-Rahman Tawil, Usman Naeem, Syed Islam and Elyes Lamine
Decision quality enhancement in minimum-based possibilistic classification for numerical data Karim Baati, Tarek M. Hamdani, Adel M. Alimi and Ajith Abraham
Personality Detection by Analysis of Twitter Profiles Mehul Raje and Aakarsh Singh