

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#11: Biomedical Signal and Speech Processing**

**Venue:**

**Session Chairs:**

SUBMISSION ID	AUTHORS NAME	TITLE
597	Vineet Kumar Gurpreet Singh	Estimation of Respiration rate from ECG Using Canonical Components Analysis and Ensemble Empirical Mode Decomposition
326	Garima Chandel Omar Farooq Yusuf U Khan Mayank Chawla	Seizure Onset Detection by Analyzing Long Duration EEG Signals
506	Sadaf Iqbal Muhammed Shanir P. P Yusuf Uzzaman Khan Omar Farooq	Time Domain Analysis of EEG to Classify Imagined Speech
50	Biswajit Nayak Manoj Kumar Pradhan	Text Dependent Vs Text Independent Speech Emotion Recognition
52	Kanaka Durga Returi Vaka Murali Mohan Y. Radhika	A Novel Approach for Speaker Recognition By Using Wavelet Analysis and Support Vector Machines
511	Lakshmi Prakash Neethu Mohan Sachin Kumar S Soman K.P	Accurate Frequency Estimation Method based on Basis Approach and Empirical Wavelet Transform
562	Rahul Sharma Y.V. Srinivasa Murthy Shashidhar G. Koolagudi	Audio Songs Classification based on Music Patterns
540	Jagadeesh M Anand Kumar M Soman K P	Deep Belief Network based Part of Speech Tagger for Telugu Language

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#12: Optical Networks, Embedded Systems and Applications**

**Venue:**

**Session Chairs:**

SUBMISSION ID	AUTHORS NAME	TITLE
531	Sunu S Babu Anju S. Pillai	Design and Implementation of Two Wheeled Self Balancing Vehicle Using Accelerometer and Fuzzy Logic
551	Anurag Joshi Himanshu Agrawal	Simultaneous Localization and Mapping For Visually Impaired People For Outdoor Environment
554	E. Ajith Jubilson P. Dhanavanthini P. Victor Paul V. Pravinpathi M. RamCoumare S. Paranidharan	Intelligent Tele-Communication System Using Semantic Based Information Retrieval
215	Suhas Machhindra Gaikwad Rahul Raghvendra Joshi Dr.Preeti Mulay	System Dynamics Modeling for Analyzing Recovery Rate of Diabetic Patients by Mapping Sugar Content in Ice Cream and Sugar Intake for the Day
200	Rajat Sharma Swarnima Gupta	A One to One Communication Model to Facilitate Conversation between Differently-abled People by a Portable and Handy Machine
496	Dhaval Shah Dilipkumar Kothari	Mitigation of Fog and Rain Effects in Free Space Optical Transmission Using Combined Diversity
580	Vipul Agarwal Vijayshri Chaurasia	All Optical Soa-Mzi Based Encryption Decryption System Using Co Propagating Optical Pulses And CW Wave At 40 Gb/S
64	Anuraj S. Premalatha P Gireeshkumar T.	High Speed Network Intrusion Detection System Using FPGA
259	Shantanu Manish Sharma Bhupendra Singh Mohit Agarwal Amit Kumar	Gesture Controlled Wireless Device for Disabled

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#13: Fuzzy Systems in Intelligent Computing**

**Venue:**

**Session Chairs:**

SUBMISSION ID	AUTHORS NAME	TITLE
116	Arunodaya Raj Mishra Divya Jain D. S. Hooda	Intuitionistic Fuzzy Similarity and Information Measures with Physical Education Teaching Quality Assessment
145	Siddhartha Sankar Biswas Bashir Alam M. N. Doja	Real Time Graphs For Communication Networks: A Fuzzy Mathematical Model
133	Kardile Vilas Vasanttrao Chitra G Desai	"Jugaad"- the creativeness For Selection of software development methodology advisory system- Fuzzy expert system
151	P. Gopala Krishna D. Lalitha Bhaskari	Fuzzy C-means and Fuzzy TLBO for Fuzzy Clustering
390	Divya Davis P. Supriya	Implementation Of Fuzzy Based Robotic Path Planning
415	Chandrashekhar Azad Vijay Kumar Jha	A Novel Fuzzy Min Max Neural Network and Genetic Algorithm based Intrusion Detection System
431	Dhruba Ghosh Sunil Kumar Paurush Bhulania	A Novel Solution Of Dijkstra's Algorithm For Shortest Path Routing With Polygonal Obstacles In Wireless Networks Using Fuzzy Mathematics
553	Mohd Zeeshan Ansari M. M. Sufyan Beg Manoj Kumar	Enhancement of Fuzzy Rank Aggregation Technique
256	Pratik K Agrawal Abrar S. Alvi G. R. Bamnote	Natural Language based Self Learning feedback Analysis System
281	Sheetal Dhande G.R. Bamnote	Improving Query Processing Performance Using Optimization Techniques for Object Oriented DBMS

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#14: Wireless Sensor Networks**

**Venue:**

**Session Chairs::**

SUBMISSION ID	AUTHORS NAME	TITLE
558	Salavadi Ananda Kumar K. E. Sreenivasa Murthy	Minimizing Excessive Handovers by Using Optimized Cuckoo Algorithm in Heterogeneous Wireless Networks
582	Devendra Rao B V Vasumathi D Satyanarayana V Nandury	Exploiting Common Nodes in Overlapped Clusters for Path Optimization in Wireless Sensor Networks
591	G Vijaya Kumar C Shoba Bindu	Improving Performance Of Wireless Mesh Networks Through User Association Method
648	Ninni Singh Hemraj Saini	Formal Verification of Secure Authentication in Wireless Mesh Network (SAWMN)
672	Balamuralikrishna Potti Subramanyam M V Satya Prasad K	Genetic Algorithmic approach to mitigate Starvation in Wireless Mesh Networks
689	R.V.S.Lalitha Dr.G.JayaSuma	Vehicular Ad-hoc Networks: Trimming Pile-Ups in Data Dissemination using HTPVANET Algorithm
619	J.Amudhavela S.Padmapriyaa R.Nandhinia G. Kavipriyaa P.Dhavachelvanb V S K. Venkatachalapathyc	Recursive Ant Colony Optimization Routing In Wireless Mesh Network
84	Amit Tyagi	Location Privacy Preserving Techniques for Location Based Services in Vehicular Ad-hoc Networks
353	Sunita Gaurav Bharadwaj Nirma Kumawat	A Enhanced Microstrip Antenna Using Metamaterial At 2.4 GHz
357	Akansha Verma M.P. Singh Prabhat Kumar J. P. Singh	Adaptive MAC for Bursty Traffic in Wireless Sensor Networks

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#15: Computer Vision and Image Processing**

**Venue:**

**Session Chairs::**

SUBMISSION ID	AUTHORS NAME	TITLE
38	Pradip Salve Milind Sardesai Ramesh Manza Pravin Yannawar	Identification of the Plants Based on Leaf Shape Descriptors
44	Dipesh Vaya Sarika Khandelwal	A Fast and Hardware Efficient Visual Cryptography Scheme for Images
135	Pinjari Hameed Ramesh Shahabadka Chethan Sharma	Segmentation of Ancient and Historical Gilgit Manuscripts
152	Riddhi J. Shah Tushar V. Ratanpara	A Mean based Thresholding Approach for Broken Character Segmentation from Printed Gujarati Documents
205	Ch Mahesh R Pavan Kumar Reddy K Ravindra V Kamakshi Prasad	Cascading De-noising Algorithm for Improving GPS Positional Accuracy
212	Sandeep Kumar Manish Kashyap Akashdeep Saluja Mahua Bhattacharya	Segmentation of Cotton Bolls by Efficient Feature Selection Using Conventional Fuzzy C Means Algorithm With Perception of Color
172	Abdul Khader Jilani Saudagar Habeb Vulla Mohammed	Concatenation Technique for Extracted Arabic Characters for Efficient Content based Indexing and Searching
407	Chandra Shekhar Yadav Aditi Sharan Rakesh Kumar Payal Biswas	A New Approach for Single Text Document Summarization
408	Amol D. Vibhute Rajesh K. Dhumal Ajay D. Nagne Yogesh D. Rajendra K. V. Kale S. C. Mehrotra	Analysis, Classification and Estimation of Pattern for Land of Aurangabad Region Using High Resolution Satellite Image
702	G. Shyama Chandra Prasad A. Govardhan T. V. Rao	Accuracy Assessment of the Images Classification Using RBF with Multi Swarm Optimization Methodology

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#16: Application of Software Engineering in Multidisciplinary Domains**

**Venue:**

**Session Chairs::**

SUBMISSION ID	AUTHORS NAME	TITLE
24	Nida Afreen Asma Khatoon Mohd. Sadiq	A Taxonomy of Software's Non-Functional Requirements
65	Preeti Mulay Karuna Puri	Hawk Eye: A Plagiarism Detection System
82	Arvinder Kaur Kamaldeep Kaur Deepti Chopra	Application of Locally Weighted Regression for predicting Faults using Software Entropy Metrics
89	B. Rangaswamy N. Geethanjali T. Ragnathan B. Sudheer Kumar	Performance Improvement of Read Operations in Distributed File System through Anticipated Parallel Processing
146	Musheer Ahmad Danish Raza Rizvi Zishan Ahmad	PWLCM Based Random Search for Strong Substitution Box Design
199	Prema Nedungad TK Smruthy	Enhanced Higher Order Orthogonal Iteration Algorithm for Student Performance Prediction
570	Anitha Senathi Gopika Vinod Dipti Jadhav	Software Reliability based on Software Measures applying Bayesian Technique

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#17: Data Mining, Warehousing and Machine Learning**

**Venue:**

**Session Chairs::**

SUBMISSION ID	AUTHORS NAME	TITLE
69	Abirami S, Rashmi Vikraman Murugappan S	Large Scale Data Management System using Data De-duplication System
92	Vijaya Bhaskar Velpula MHM Krishna Prasad	A Novel Multi-View Similarity for Clustering Spatiotemporal data
95	Gurram Sunitha Dr. A. Rama Mohan Reddy	WRSP-Miner Algorithm for Mining Weighted Sequential Patterns from Spatio-Temporal Databases
195	Ch Mahesh K Ravindra V Kamakshi Prasad	Denoising of GPS positioning data using Wavelet based Hidden Markov Tree
306	Ch.N.Santhosh Kumar Dr. K. Nageswara Rao Dr.A.Govardhan	An Empirical Comparative study of novel Clustering algorithms for Class Imbalance Learning
324	ThenmozhiBanan ShangamitraSekar Judith Nita Mohan Prathima Shantha Kumar Saravana Kumar Kandasamy	Analysis of Student Feedback by Ranking the Polarities
339	Rakesh Kumar Aditi Sharan Chandra Shekhar Yadav	A Framework For Ranking Reviews Using Ranked Voting Method
423	Geethu Mohan Sikha O K	Completely Separable Reversible Data Hiding with Increased Embedding Capacity using Residue Number System
600	Sharan Agrawal Shivam Rana Tanvir Ahmad	Random Forest for the Real Forests
366	Sudhir Kumar Sharma Shilpa Bahl	A Minimal Subset of Features using Correlation Feature Selection Model for Intrusion Detection System
130	Sujay Ray Arundhati Banerjee Angshuman Bagchi	Molecular Level Insight into the Interactions of SoxC and SoxD from Epsilonproteobacteria Sulfurimonas denitrificans: A Bio-Molecular Computational Approach.

**Sunday, 26<sup>th</sup> July, 2015**  
**10: 00 am to 01: 00pm**

**Track#18: Soft Computing**

**Venue:**

**Session Chairs::**

SUBMISSION ID	AUTHORS NAME	TITLE
17	Somasree Bhadra Anirban Kundu	Priority based Classification: An Automated Traffic Approach
538	Chanda Panse Manali Kshirsagar Dhananjay Raje Dipak Wajgi	Imputation of Missing Gene Expressions for DNA Microarray using Particle Swarm Optimization
255	S N Gondakar S T Vasani Manoj Kumar Singh	Computational Intelligence based Parametrization on Force Filed Modeling for Silicon Cluster using ASBO
203	Rongali Srujana Yalavarthi Radhika	Parameter Optimization of Support Vector Machine by Improved Ant Colony Optimization
425	Sudhir Kumar Sharma Preeti Aggarwal	A Metric for Ranking the Classifiers for Evaluation of Intrusion Detection System
442	Nandhini K Elizabeth Shanthi I	Analysis of Mining, Visual Analytics Tools and Techniques in Space and Time
572	Harsh Bhasin Esha Khanna Kapil Sharma	Neural Network Based Automated Priority Assigner
478	Selva Rani B Vairamuthu S	An Intelligent Packet Filtering based on Bi-Layer Particle Swarm Optimization with Reduced Search Space
495	Debaditya Barman Anil Tudu Nirmalya Chowdhury	Opinion classification based on product reviews from an Indian e-commerce website
657	Sarbani Dasgupta Banani Saha	A framework for discovering important patterns through parallel mining of protein-protein interaction network
434	P.Lakshmi Devi S.Varadarajan	Image processing of Natural Calamity Images using Healthy Bacteria Foraging Optimization Algorithm
427	Sudhanva E.V V.N. Manjunath Aradhya C. Naveena	Analysis of Different Neural Network Architectures in Face Recogniton System