

Technical Programme — Day 1: Thursday, 29 October 2015

08:00 – 09:30 Conference Registration
 09:30 – 11:00 Opening Ceremoney — *Refer Opening Ceremoney Program*

11:00 – 11:30 Tea/Coffee Break

Keynote 1

Date / Time 11:30 – 12:30 hrs
Title/By Dr. Aynur Unal, *Stanford University, USA*
Venue BIET-MBA Auditorium, lake view campus

Keynote 2

Date / Time 12:30 – 13:30 hrs
Title/By Dr. Samar Shailendra, *TCS, Banglaore*
Venue BIET-MBA Auditorium, lake view campus

13:30 – 14:30 Lunch Break

Session	1.1 – Theoretical Computer Science	[Parallel]
Date/Time	Thursday, 29 October 2015 / 14:30 – 15:30	
Venue	Electrical seminar hall, (CME Block)	
Chair(s)	Dr. Rakesh L , <i>Jain Institute of Technology</i>	

- 040 Chaotic Neural Network Based Pseudo-Random Sequence Generator for Cryptographic Applications
S. Lokesh, Manjunath R. Kounte
 Presenting Author: S. Lokesh — *Reva Institute of Technology & Management, Bangalore, India*
- 157 DES security Enhancement with Dynamic Permutation
M. Pranav, Archana K. Rajan
 Presenting Author: M. Pranav — *Amrita Vishwa Vidyapeetha, Kollam, India*
- 363 Dual Buffer Mechanism using LoCoDuo for Congestion Control in Healthcare WSN
S. Suprith, T. Padmashree, N. K. Cauvery
 Presenting Author: S. Suprith — *RVCE, Bengaluru, India*
- 373 Quantum Cryptography based Solution for Secure and Efficient Key Management for E-Governance in India
G. Murali, R. SivaramPrasad
 Presenting Author: G. Murali — *JNTUA College of Engineering, Pulivendula, India*
- 163 Efficient Lookup for NLAPB in Named Data Networking
K. L. Chandana, Premajyothi Patil, N. L. Taranath, Shantakumar B. Patil
 Presenting Author: K. L. Chandana — *AIT, Chikmagalur, India*

- 054 ■ Optimized Cryptographic Algorithm for Embedded Systems
Akshay Atul Deshmukh, Mintu Jothish, K. Chandrasekaran
 Presenting Author: Akshay Atul Deshmukh — *National Institute of Technology, Karnataka, India*

Session	1.2 – Communications Theory	[Parallel]
Date/Time	Thursday, 29 October 2015 / 14:30 – 15:30	
Venue	Mechanical seminar hall, (CME Block)	
Chair(s)	Prof. B.N. Veerappa, <i>UBDTCE, Davangere</i>	

- 124 A Wireless based Patient Monitoring System using Android Technology
S. Brunda, B.Sneha, V. Bhavana, T. S. Murali, S. Puneeth, B. A. Ravikiran
 Presenting Author: S. Brunda — *KSSEM, Bangalore, India*
- 225 Design of a Wideband Balun for Archimedean Spiral Antenna in Energy Harvesting
Kunwar Pal Singh, Raveesh Ranjan, Rohini Deshpande
 Presenting Author: Kunwar Pal Singh — *Visvesvaraya Technological University, Belgaum, India*
- 267 An ECDD Technique to Optimize QoS in Wireless Overlay Network for Multipath Video Streaming
B. Uma Maheswari, T. S. B. Sudarshan
 Presenting Author: B. Uma Maheswari — *Amrita Vishwa Vidyapeetham, School of Engineering, Bengaluru, India*
- 207 Performance Analysis and Comparison of FXLMS and NFXLMS Algorithms for Active Vibration Control
Mahommed Toufiq A Hindustani, P. Siva Subba Rao, S. Raja, C. M. Maheshan
 Presenting Author: Mahommed Toufiq A Hindustani — *U.V.C.E, Bengaluru, India*
- 150 ■ Random Sample Measurement and Reconstruction of Medical Image Signal using Compressive Sensing
Lakshminarayana M, Mrinal Sarvagya
 Presenting Author: Lakshminarayana M — *REVA University, Bangalore*
- 089 ■ A Quadra-Techniques for Face Recognition through OZMN
M. Shivamurthaiah, S. Manjula
 Presenting Author: M. Shivamurthaiah — *Davangere University, Davangere*

Session	1.3 – Computing Applications	[Parallel]
Date/Time	Thursday, 29 October 2015 / 14:30 – 15:30	
Venue	Civil seminar hall, (CME Block)	
Chair(s)	Dr. Srinivas Naik L, <i>UBDTCE, Davangere</i>	

- 069 Cloud Computing Architecture for Collaborative E-learning System
N. Venkatesh Naik, K. Madhavi
 Presenting Author: N. Venkatesh Naik — *Jawaharlal Nehru Technological University, A.P., India*
- 078 Improving the Efficiency of Mapreduce Scheduling Algorithm in Hadoop
R. Thangaselvi, S. Ananthbabu, S. Jagadeesh, R. Aruna
 Presenting Author: R. Thangaselvi — *VV College of Engineering, Tirunelveli, India*
- 165 A Novel Method for Energy-based Resource Allocation Optimization in Cloud
N Asha, G Raghavendra Rao
 Presenting Author: Asha N — *NIE, Mysore, VTU*
- 243 Parallelized Genomic Sequencing Model: A Big Data Approach for Bioinformatics Application
Leena I. Sakri, Siddu P. Algur
 Presenting Author: Leena I. Sakri — *SDM College of Engineering and Technology, Dharwad, India*

- 344 Public Auditing System: Improved Remote Data Possession Checking Protocol for Secure Cloud Storage
Patil Rashmi R., Sangve Sunil M.
 Presenting Author: Patil Rashmi R. — ZES's ZCOER, Pune, India
- 367 Analysis of Emerging Workflow Scheduling Algorithms in Cloud
S. Raghavan, K. Chandrasekaran
 Presenting Author: S. Raghavan — National Institute of Technology, Karnataka, India

Session	1.4 – Applications of Communication [Parallel]
Date/Time	Thursday, 29 October 2015 / 14:30 – 15:30
Venue	Aryabhatta Seminar hall, (Admin Block)
Chair(s)	Dr. Shreedhar K S, UBDTCE, Davangere

- 351 Design of Hybrid Power System for an Academic Institution
Anurag Pandey, Hanuman Prasad Agrawal
 Presenting Author: Anurag Pandey — JK Lakshmipat University, Jaipur, India
- 244 Design of Microstrip Narrowband Bandpass Filter using a Star Shaped Defected Ground Structure
K. G. Avinash, I. Srinivasa Rao
 Presenting Author: K. G. Avinash — Bapuji Institute of Engineering & Technology, Karnataka, India
- 149 Genetic Algorithm with a New Fitness Function to Enhance WSN lifetime
P. Nagarathna, R. Manjula
 Presenting Author: P. Nagarathna — VIT University, Vellore, India
- 147 EP-MOS based Secure Mobile Communication in LTE/SAE Networks
Krishna Prakash, Balachandra Muniyal
 Presenting Author: Krishna Prakash — Manipal Institute of Technology, India
- 009 Design of a Modular Real Time Smart Accessory
Rajeshwari Hegde, Adil A Kumar, Sree Sai Sharan P, Mohamed Rehan Rehan, BN Chandra Shekar
 Presenting Author: Rajeshwari Hegde — BMS College of Engineering
- 007 Sensor Selection and Scheduling for Tracking a Moving Object in a Wireless Sensor Network using the Markov Additive Chain Model
G. Mamatha, B. G. Premasudha
 Presenting Author: G. Mamatha — SIT, Tumkur, Karnataka, India
- 322 Real Time Tracking and EHR for Pilgrim
Sandeep Sangle, Sujata Kadam
 Presenting Author: Sandeep Sangle — Mumbai University, India
- 357 Overview of different Plagiarism Detection Tools
Rana Khudhair Abbas Ahmed
 Presenting Author: Rana Khudhair Abbas Ahmed — Alrafidain University College, Iraq, Baghdad.

15:30 – 16:00 Tea/Coffee Break

Session	2.1 – Theoretical Computer Science [Parallel]
Date/Time	Thursday, 29 October 2015 / 16:00 – 18:00
Venue	Electrical seminar hall, (CME Block)
Chair(s)	Dr. Pradeep N, BIET

- 206 Secure Digital Image Sharing using Diverse Image Media
Gayathri Soman, Jyothish K. John
 Presenting Author: Gayathri Soman — Federal Institute of Science And Technology, India

- 245 A Content based Image Retrieval System using Shape Analysis
Pushpalatha S. Nikkam, Nagaratna P. Hegde, B. Eswar Reddy
Presenting Author: Pushpalatha S. Nikkam — *SDM College of Engineering and Technology, Karnataka, India*
- 325 A PCT/PST Improved HMM-PCA Model for Pose Robust Facial Recognition
Kapil Juneja, Nasib Singh Gill
Presenting Author: Kapil Juneja — *Maharshi Dayanand University, Haryana, India*
- 196 Cryptography and Bioinformatics Techniques for Secure Information Transmission over Insecure Channels
V. Siddaramappa, K.B. Ramesh
Presenting Author: V. Siddaramappa — *R.V. College of Engineering , VTU, India*
- 326 Review Spamicity based on Rank and Content of the Review
Jyoti G. Biradar, Siddu P. Algur
Presenting Author: Jyoti G. Biradar — *Rani Channamma University, Karnataka, India*
- 112 Efficient Color Passport Size Photograph Compression using ROI Coding I Coding
Tawheed Jan Shah, M. Tariq Bandy
Presenting Author: Tawheed Jan Shah — *University of Kashmir, Srinagar, India*

Session	2.2 – Communications Theory	[Parallel]
Date/Time	Thursday, 29 October 2015 / 16:00 – 18:00	
Venue	Mechanical seminar hall, (CME Block)	
Chair(s)	Prof. S.B Mallikarjun, BIET	

- 176 Behavior-based P2P Traffic Identification using Fuzzy Approach
Invited *Jagan Mohan Reddy, Chittaranjan Hota, Muttukrishnan Rajarajan*
Presenting Author: Jagan Mohan Reddy — *BITS-Pilani Hyderabad Campus, Hyderabad, India*
- 296 A Duality Theorem for the Discrete Sine Transform (DST)
Madhukar Nagaraj, Sanjay Jain
Presenting Author: Madhukar Nagaraj — *New Horizon College of Engineering, Bangalore, India*
- 073 Enhancing the Performance of Parallel Network Consisting of Noise Reduction and Echo Cancellation Algorithms
S. Anand Chandra , Phani Kumar Nyshadham, Upena D. Dalal
Presenting Author: S. Anand Chandra — *Intel Mobile Communications Pvt. Ltd., Bangalore, India*
- 021 Separation of Singing Voice from Music Accompaniment using Matrix Factorization Method
Harshada Burute, P. B. Mane
Presenting Author: Harshada Burute — *AISSMSŠs Institute of Information Technology, Pune, India*
- 269 Comparison of different MCDM Techniques used to Evaluate Optimal Generation
Javeed Kittur, Vijaykumar S, Vijeta Bellubbi, Vishal P, Shankara M G
Presenting Author: Vishal Puttannavar — *BVBCET, Hubli, India*
- 300 Accumulative Distance Based optimized scanning for a LTE Network
Rajeshwari Hegde
Presenting Author: Rajeshwari Hegde — *BMS College of Engineering*
- 049 Assesment of Vanet Routing Protocols in Safety Paradigm
Manjunath P S, Narayana Reddy
Presenting Author: Manjunath P S — *BMS College of Engineering*
- 155 Cryptocoding System based on AES and Concatenated Coding Scheme Involving BCH and QC-LDPC
■ *Karthika Viswanath, P. V. Pearlsy*
Presenting Author: Karthika Viswanath — *FISAT, Ernakulam, Kerala, India*

- 210 A Bandwidth Efficient Coding Technique for Spatial Modulation and Its Error Performance
 ■ Anju Vincent, Basil.K.Jeemon
 Presenting Author: Anju Vincent — FISAT, Ernakulam, Kerala, India

Session	2.3 – Computing Applications [Parallel]
Date/Time	Thursday, 29 October 2015 / 16:00 – 18:00
Venue	Civil seminar hall, (CME Block)
Chair(s)	Prof. R D Shivanand, BIET

- 301 Class Clustering with Ant Colony Rank Optimization (CCACRO) for Data Categorization
 Deepika Kourav, Asha Khilrani, Rajesh Nigam
 Presenting Author: Deepika Kourav — TIT & Science, Bhopal, India
- 272 A Generic Framework Design to Enhance Capabilities of an Enterprise Test Automation Framework
 Joby Joy, Devendra Pratap Singh
 Presenting Author: Joby Joy — Systems Engineer - TCS, Bangalore, India
- 134 Captcha as Graphical Passwords-Enhanced with Video-Based Captcha for Secure Services
 K. Anjitha ,I. K. Rijin
 Presenting Author: K. Anjitha — Malabar Institute of Technology, Kerala, India
- 278 Tied Multi-Rubber Band Model for camera Distance, Shape and Head Movement Robust Facial Recognition
 Kapil Juneja, Nasib Singh Gill
 Presenting Author: Kapil Juneja — Maharshi Dayanand University, Haryana, India
- 158 Enabling Context-awareness: A Service oriented Architecture Implementation for a Hospital Use Case
 Ashok Immanuel V, Pethuru Raj
 Presenting Author: — Christ University, Bangalore
- 181 Design and Development of Z-Source Multi-Level Inverter for Solar Energy
 V. Ravi Kumar, A. Sreedevi
 Presenting Author: V. Ravi Kumar — RVCE, Bengaluru, India
- 297 Systematic Grid Reallocation Through Reliable ? Process
 R. Sivasubramanian, K. Kalaiaras
 Presenting Author: R. Sivasubramanian — Saraswathi Velu College of Engineering, Vellore, India
- 316 Object Oriented based Technique for Software Quality Prediction using Clustering and Chi- Square Test
 Asif Ali, Kavita Choudhary, Ashwini Sharma
 Presenting Author: Asif Ali — Jagannath University (Raj.), India
- 175 A Survey on Effective Way of Detecting Denial-of-Service Attack using Multivariate Correlation Analysis
 ■ Komal K. More, Pramod B. Gosavi
 Presenting Author: Komal K. More — GFŠs Godavari College of Engineering, Jalgaon, North Maharashtra University, India

- 215 A Survey for Restricting the DDOS Traffic Flooding and Worm Attacks in Internet
 ■ R. Saranya, S. Senthamarai Kannan, N. Prathap
 Presenting Author: R. Saranya — Pannai College of Engineering and Technology, Sivagangai, India

Session	2.4 – Applications of Communication	[Parallel]
Date/Time	Thursday, 29 October 2015 / 16:00 – 18:00	
Venue	Aryabhatta Seminar hall, (Admin Block)	
Chair(s)	Dr. Sunitha G S, BIET	

- 173 Evaluation of BSC Clock Frequency Drifts on HOSR - a Practical Perspective
 Invited R. K. Manjunath, K. Nagabhushan Raju
 Presenting Author: R. K. Manjunath — Sri Krishnadevaraya University, Ananthpur, India
- 079 Vehicular Communication using 5G
 Mehboob Raza Haider, Manoj M. Dongre
 Presenting Author: Mehboob Raza Haider — Mumbai University, India
- 337 A Formal Assessment of Anomaly Network Intrusion Detection Methods and Techniques using various Datasets
 Sunil M. Sangve, Ravindra Thool
 Presenting Author: Sunil M. Sangve — Zeal College of Engineering and Research, Pune, India
- 032 Evolutionary Design for Optimal Number of Wavelength Converters and their Placement in WDM
 S. Ramya, T. S. Indumathi
 Presenting Author: S. Ramya — K.S.Institute of Technology, Bengaluru, India
- 161 A Reliable Data Delivery Using Trust Management System Based on Node Behaviour Predication in MANET
 V. L. Pavani, B. Sathyanarayana
 Presenting Author: V. L. Pavani — Sri Krishnadevaraya University, Andhra Pradesh, India
- 088 Energy Efficient Secure Routing and Aggregation in Military Sensor Network using Multiagent Approach
 Ravikant Belagali, Anusha A M, Prashant Sangulagi
 Presenting Author: Ravikant Belagali — BEC Bagalkot
- 013 PHY-Layer Key Exchange for Wireless Communication
 Shashikala B. Roogi, Manjunath R. Kounte
 Presenting Author: Shashikala B. Roogi — Reva institution of technology and Management, Bangalore, India
- 291 Fuzzy Integrated HMM Model for Communication Optimization in Wormhole Attacked Clustered Mobile Network
 Megha Sharma, Ajay Khunteta, Deepak Sharma
 Presenting Author: Megha Sharma — Poornima college of Engineering
- 166 Security Agents for Detecting and Avoiding Cooperative Blackhole Attacks in MANET
 ■ Vaishali Gaikwad, Lata Ragha
 Presenting Author: Vaishali Gaikwad — Pacific Academy of Higher Education & Research University, Udaipur, India

Short Course 1

Date / Time	11:30 – 18:00 hrs
Title/By	The Resiliency of the Cloud Paradigm: the End-to-End Perspective by Dr. Pethuru Raj, IBM India, Bangalore
Venue	Room A344)

Technical Programme — Day 2: Friday, 30 October 2015

08:00 – 10:00 Conference Registration

Keynote 3

Date / Time 10:00 – 11:00 hrs
Title/By Mr. Sanjay Sahay, *IGP, Bangalore*
Venue Aryabhata Seminar hall, (Admin Block)

11:00 – 11:30 Tea/Coffee Break

Keynote 4

Date / Time 11:30 – 12:30 hrs
Title/By Dr. Karel L Sterckx, *Director of BU-CROCCS, Thailand*
Venue Aryabhata Seminar hall, (Admin Block)

12:30 – 14:00 Lunch

Session	3.1 – Theoretical Computer Science [Parallel]
Date/Time	Friday, 30 October 2015 / 14:00 – 15:30
Venue	Electrical seminar hall, (CME Block)
Chair(s)	Prof. Nirmala S O, BIET

- 286 Comparative Study and Analysis of Network Intrusion Detection Tools
Dhanashri Ashok Bhosale, Vanita Manikrao Mane
 Presenting Author: Dhanashri Ashok Bhosale — *Ramrao Adik Institute of Technology, Navi Mumbai, India*
- 023 Role of f0 and Formant Frequencies in Unsupervised Separation of Convolutional Speech Mixtures
M. K. Prasanna Kumar, R. Kumaraswamy
 Presenting Author: M. K. Prasanna Kumar — *BMS College of Engineering, Bangalore, India*
- 064 A Customer Classification Prediction Model based on Machine Learning Techniques
T. K. Das
 Presenting Author: T. K. Das — *VIT University, Vellore, India*
- 103 Handwritten Devanagari Word Recognition using Robust Invariant Feature Transforms
Prathima Guruprasad, Guruprasad
 Presenting Author: Prathima Guruprasad — *VKIT, Bangalore, India*
- 109 Implementation of Multikernel Sparse Representation on Remote Sensing Image Classification
G. S. Shivakumar, S. Natarajan, K. Srikanta Murthy
 Presenting Author: G. S. Shivakumar — *Srinivas Institute of Technology, Mangalore, India*
- 359 Plant Identification System using its Leaf Features
V. J. Madhumathi, Pradeep Nijalingappa
 Presenting Author: V. J. Madhumathi — *Bapuji Institute of Engineering and Technology, Karnataka, India*

- 067 FEROM (Feature Extraction and Refinement) using Genetic Algorithm
Ravita Mishra
 Presenting Author: Ravita Mishra — *Ramrao Adik Institute of Technology, Navi Mumbai, India*
- 324 Correlation Analysis of Audio and Video Contents: A Metadata Based Approach
Siddu P. Algur, Basavaraj A. Goudannavar, Prashant Bhat
 Presenting Author: Basavaraj A. Goudannavar — *Rani Channamma University, Belagavi, Karnataka, India*

Session	3.2 – Applications of Communication (1)	[Parallel]
Date/Time	Friday, 30 October 2015 / 14:00 – 15:30	
Venue	Mechanical seminar hall, (CME Block)	
Chair(s)	Dr. Mohamed Rafi, <i>UBDTCE, Davangere</i>	

- 035 Fuzzy Associative Classification Algorithm Based on MapReduce Framework
Raghuram Bhukya, Jayadev Gyani
 Presenting Author: Raghuram Bhukya — *Kakatiya Institute of Technology & Science, Warangal, India*
- 074 A Map Reduce Framework to Implement Enhanced K-means Algorithm
Bhimasen. V. Purohit, Rajashree Shettar
 Presenting Author: Bhimasen. V. Purohit — *R.V. College of Engineering, Bengaluru, India*
- 307 A Novel Approach for Simultaneous Compression and Encryption of Image in Wireless Media Sensor Network technique for Simultaneous compression and Encryption of Image in Wireless Media Sensor Network
Pranjanj Gupta, A. Karthikeyan, V. Srividhya, Naveen Rai
 Presenting Author: Pranjanj Gupta — *VIT University, Vellore, India*
- 194 Location based Semantic Information Retrieval from Web Documents using Web Crawler
A. B. Archana, Jalesh Kumar
 Presenting Author: A. B. Archana — *J.N.N College of Engineering, Karnataka, India*
- 335 ESVP-Cloud: Efficient Social-Aware Video Prefetching for Adaptive Multimedia Streaming and Video Sharing in the Clouds
Nikhil N. Katore, Nilesh J. Uke
 Presenting Author: Nikhil N. Katore — *Sinhgad College of Engineering, Pune, India*
- 350 A Systematic Review on Scheduling Types, Methods and Simulators in Cloud Computing System
Abhijeet P. Tikar, S. M. Jaybhaye, G. R.Pathak
 Presenting Author: Abhijeet P. Tikar — *Sinhgad College of Engineering, Pune, India*
- 115 Discriminative Analysis based Nonlinear Subspace Approach for Expression Recognition
G. P. Hegde, M. Seetha
 Presenting Author: G. P. Hegde — *SDM Institute of Technology, Ujire, India*

Session	3.3 – Computing Applications	[Parallel]
Date/Time	Friday, 30 October 2015 / 14:00 – 15:30	
Venue	Civil seminar hall, (CME Block)	
Chair(s)	Dr. Mohan, <i>SJBIT, Bengaluru</i>	

- 288 Robust Technique of Localizing Blurred Image Splicing based on Exposing Blur Type Inconsistency
Pranita Binnar, Vanita Mane
 Presenting Author: Pranita Binnar — *Ramrao Adik Institute of Technology, Navi Mumbai, India*
- 261 A Novel Video Summarization Technique using Weighted Combination of Color and Texture Feature
Pooja Tarare, Dipti Jadhav
 Presenting Author: Pooja Tarare — *RAIT, Navi Mumbai, India*

- 313 Fusion of SIFT and Hue Moments Features for Cloning Tamper Detection
Kshipra Ashok Tatkare, Vanita Mane
Presenting Author: Kshipra Ashok Tatkare — *Ramrao Adik Institute of Technology, Navi Mumbai, India*
- 343 Shadow Detection and Elimination using Geometric Approach for Static Images
Puja Vakhare
Presenting Author: Puja Vakhare — *Ramrao Adik Institute of Technology, Navi Mumbai, India*
- 317 Twitter Data Analysis for Unemployment Crisis
G. M. Roopa, K. R. Naveen Kumar, C. R. Nirmala
Presenting Author: G. M. Roopa — *Bapuji Institute of Engineering & Technology, Davangere, Karnataka, Indiadavangere-577004*
- 164 An Approach to Mining Information from Telephone Graph Using Graph Mining Techniques
Bapuji Rao, S. N. Mishra
Presenting Author: Bapuji Rao — *Raconsys Consultancy Services Pvt. Ltd., Bhubaneswar, India*
- 133 A Novel Approach for Medical Image Segmentation using PCA and K-means Clustering
Juilee Katkar, Trupti Baraskar, Vijay R. Mankar
Presenting Author: Juilee Katkar — *Maharashtra Institute of Technology, Pune, India*
- 192 Memory Leakage Testing using Aspects
Manish Jain, Dinesh Gopalani
Presenting Author: Manish Jain — *MNIT, Jaipur, India*
- 217 Software Quality Assurance for Object-Oriented Systems using Meta-Heuristic Search Techniques
Yeresime Suresh
Presenting Author: Yeresime Suresh — *BMS Institute of Technology & Management, Bengaluru, India*

Session	3.4 – Applications of Communication (2) [Parallel]
Date/Time	Friday, 30 October 2015 / 14:00 – 15:30
Venue	Aryabhatta Seminar hall, (Admin Block)
Chair(s)	Dr. Mallikarjuna S Holi, UBTDCE, Davangere

- 227 Location Privacy of Multiple Sink using Zone Partitioning Approach in WSN
Abhishek R. Malviya, Balaso N. Jagdale
Presenting Author: Abhishek R. Malviya — *MIT College of Engineering, Pune, India*
- 239 Highly Birefringent Photonic Crystal Fiber with Low Dispersion
Madhusmita Senapati, Pranaw Kumar
Presenting Author: Madhusmita Senapati — *KIIT University, Bhubaneswar, India*
- 240 Photonic Crystal Fiber with Anomalous Dispersion Behavior and High Birefringence
Priyanka Das, Pranaw Kumar
Presenting Author: Priyanka Das — *KIIT University, Bhubaneswar, India*
- 251 Analysis of Radio over Fiber System's Performance after Optimizing Delay Interferometer's Parameters and Incorporating Low Pass Chebyshev Filters at the Receiver
Pranjay Gupta, Sarthak Agrawal, R. Sivacoumar
Presenting Author: Pranjay Gupta — *VIT University, Vellore, India*
- 376 Design of Highly Birefringent Photonic Crystal Fiber with Low Dispersion at Communication Wavelength
Nishi Raj, Pranaw Kumar, Priyanka Das
Presenting Author: Nishi Raj — *KIIT University, Bhubaneswar, India*
- 002 Building Automation & Security using CAN and IoT
Rajeev Halemani, Rajagopal A
Presenting Author: Rajeev Halemani — *Visvesvaraya Technological University*

Session	4.1 – Theoretical Computer Science	[Parallel]
Date/Time	Friday, 30 October 2015 / 16:00 – 18:00	
Venue	Electrical seminar hall, (CME Block)	
Chair(s)	Prof. Ashalatha M E, BIET	

- 222
Invited Adaptive Traffic Management and Dynamic Optimal Redirection using Particle Swarm Optimization
Priyanka Ravi, Nivetha Thiruverahan, Shomona Gracia Jacob
Presenting Author: Priyanka Ravi — *SSN College of Engineering, Chennai, India*
- 030 Machine Learning Approach for Predicting Bumps on Road
Manjusha Ghadge, Dhananjay Kalbande, Dheeraj Pandey
Presenting Author: Manjusha Ghadge — *Sardar Patel Institute Technology, Mumbai, India*
- 216 Speaker Profiling by Extracting Paralinguistic Parameters using Mel Frequency Cepstral Coefficients
S. Selva Priyanka, Sudeep Galgali, B. R. Shashank, Annapurna P. Patil
Presenting Author: S. Selva Priyanka — *M. S. Ramaiah Institute of Technology, India*
- 219 Binary Categorization of DNA Data with Unbalanced Class Distribution for Prediction of Hepatocellular Carcinoma
V. Sruthi, Naren T. Kesh, R. Priyanka, Shomona Gracia Jacob
Presenting Author: V. Sruthi — *SSN College of Engineering, Chennai, India*
- 220 On the Feasibility of Solving Regression Learning Tasks with FFANN using Non-Sigmoidal Activation Functions
Udayan Ghose, Pravin Chandra, Apoorvi Sood
Presenting Author: Udayan Ghose — *Guru Gobind Singh Indraprastha University, Delhi, India*
- 242 BAT-ELM: A Bio Inspired Model for Prediction of Breast Cancer Data
M. Umme Salma, Doreswamy
Presenting Author: M. Umme Salma — *Mangalore University, Mangalore, India*
- 255 Improved Motion Estimation using Block Transform Scaling Technique for Video Compression
Ruchi Jain, Trupti Baraskar
Presenting Author: Ruchi Jain — *Maharashtra Institute of Technology, Pune, India*
- 257 Survey on Block Based Pattern Search Techniques for Motion Estimation
Ruchi Jain, Trupti Baraskar, Vijay R. Mankar
Presenting Author: Ruchi Jain — *Maharashtra Institute of Technology, Pune, India*
- 008
■ A Power Saving Cache Architecture
S. Subha
Presenting Author: S. Subha — *Vellore Institute of Technology, Vellore, India*

Session	4.2 – Communications Theory	[Parallel]
Date/Time	Friday, 30 October 2015 / 16:00 – 18:00	
Venue	Mechanical seminar hall, (CME Block)	
Chair(s)	Prof. B M Jayadevappa, BIET	

- 298
Invited Characterization of Underwater Acoustic Channels
G. Ranjani, G. Sadashivappa
Presenting Author: G. Ranjani — *R.V. College of Engineering, Karnataka, India*

- 247 Improved EAACK Scheme for Detection and Isolation of a Malicious Node in MANET
Ashish Patil, Nilesh Marathe, Puja Padiya
Presenting Author: Ashish Patil — *Ramrao Adik Institute of Technology, Navi Mumbai, India*
- 295 An Efficient Lossless Compression using Double Huffman Minimum Variance Encoding Technique
G. S. Sandeep, B. S. Sunil Kumar, D. J. Deepak
Presenting Author: G. S. Sandeep — *GM Institute of Technology, Karnataka, India*
- 029 Comparative Analysis of Different Filters in Power Line Harmonic Reduction
Sudipta Banerjee, Debanjan Mukherjee, Pallab Das
Presenting Author: Sudipta Banerjee — *Saroj Mohan Institute of Technology, West Bengal, India*
- 039 FPGA Implementation of BCH Decoder for Memory Systems
B. S. Chandrashekhara, K. L. Sudha
Presenting Author: B. S. Chandrashekhara — *Dayananda Sagar College of Engineering, Bangalore, India*
- 293 Generation of Chaos using a Simple Electronic Circuit
Alak Majumder, Dyapa Tharun Reddy, Rishu Shrivastawa
Presenting Author: Dyapa Tharun Reddy — *NIT Arunachal Pradesh*
- 323 Peak to Average Power Ratio Reduction in OFDM Systems using PRC and Clipping Techniques in Network Simulator - 2
Dheeraj Pandey, Meet Poladia
Presenting Author: Dheeraj Pandey — *Sardar Patel Institute of Technology, Mumbai, India*
- 177 QoS Provisioning using Cross Layer Architecture for Multimedia Communication
M. Vijayalakshmi, Linganagouda Kulkarni
Presenting Author: M. Vijayalakshmi — *B.V.B. College of Engineering and Technology, Hubli, India*
- 211 Underwater Acoustic Image Enhancement using Wavelet and K-L Transform
R. Priyadharsini, T. Sree Sharmila, V. Rajendran
Presenting Author: R. Priyadharsini — *SSN College of Engineering, Chennai, India*
- 101 Improving Recital of Transport Protocol in Cognitive Radio Mobile Ad Hoc Networks
A. Senthamarai Selvan, Ka. Selvaradjou
Presenting Author: A. Senthamarai Selvan — *Pondicherry Engineering College, Puducherry, India*

Session	4.3 – Computing Applications	[Parallel]
Date/Time	Friday, 30 October 2015 / 16:00 – 18:00	
Venue	Civil seminar hall, (CME Block)	
Chair(s)	Prof. Sunil Kumar B S, <i>GMIT, Davangere</i>	

- 159 Collaborative Filtering Technique based Recommendation in Ubiquitous Commerce
Shilpa H. Rathod, Lokesh B. Bhajantri, N. Nalini
Presenting Author: Shilpa H. Rathod — *Basaveshwar Engineering College, Bagalkot, India*
- 314 Automation Related to Professor Evaluation
Shraddha Ghogare, Chetan Mahajan, Preeti Mulay
Presenting Author: Shraddha Ghogare — *Symbiosis Institute of Technology, Pune, India*
- 209 A Cloud-Based Data Mining Framework for Improved Clinical Diagnosis through Parallel Classification
Y. V. Lokeswari, Shomona Gracia Jacob
Presenting Author: Y. V. Lokeswari — *SSN College of Engineering, Chennai, India*
- 084 Analysis of Imputation Algorithms for Microarray Gene Expression Data
Agaz Hussain Wani, H. L. Shashirekha
Presenting Author: Agaz Hussain Wani — *Mangalore University, Mangalore, India*
- 042 Prediction based Health Monitoring in Pregnant Women
B. N. Lakshmi, T. S. Indumathi, Nandini Ravi
Presenting Author: B. N. Lakshmi — *Visvesvaraya Technological University, Karanataka, India*

- 270 Region Duplication Forgery Detection in Digital Images using 2D-DWT and SVD
Varsha Karbhari Sanap, Vanita Manikrao Mane
 Presenting Author: Varsha Karbhari Sanap — *Ramrao Adik Institute of Technology, Navi Mumbai, India*
- 355 Query Language Framework For Pre-silicon Debug
Pooja Rajan Inamdar, Dayanand D. Ambawade
 Presenting Author: Pooja Rajan Inamdar — *Sardar Patel Institute of Technology, Mumbai, India*
- 289 Automation of Water Discharge Process at Canals
Shubhangi P. Bhat, Sunil R. Hirekhan
 Presenting Author: Shubhangi P. Bhat — *Govt. College of Engineering, Aurangabad, India*
- 254 Cost Efficient Realization & Synthesis of Reversible Presettable Program Counter for Processor
Alak Majumder, Prasoon Lata Singh, Barnali Chowdhury, Vinay Kumar
 Presenting Author: Vinay Kumar — *NIT Arunachal Pradesh*

Session	4.4 – Applications of Communication	[Parallel]
Date/Time	Friday, 30 October 2015 / 16:00 – 18:00	
Venue	Aryabhata Seminar hall, (Admin Block)	
Chair(s)	Dr. Prasad M, BIET	

- 285 Safety Time Improving for Source Node in WSN
Devdatt Nadre, Balaso N. Jagdale
 Presenting Author: Devdatt Nadre — *MIT College of Engineering, Pune, India*
- 218 Rank based Censoring of Cognitive Radios with Cooperative Spectrum Sensing under Hoyt Fading Channel
M. Ranjeeth, S. Anuradha
 Presenting Author: M. Ranjeeth — *National Institute of Technology, Warangal, India*
- 205 FPGA based PWM Control of Induction Motor Drive and its Parameter Estimation
Mukesh Payak, S. R. Kumbhar
 Presenting Author: Mukesh Payak — *Vivekananda Global University, Jaipur, India*
- 080 Improved Acknowledgement Intrusion Detection System in MANETs
Trupti Patil, Bharti Joshi
 Presenting Author: Trupti Patil — *Saraswati College of Engineering, Maharashtra, India*
- 111 LTE UE Performance Evaluation for Carrier Aggregation and Voice-over-LTE
Leena A. Sonkusare, Sudhir N. Dhage
 Presenting Author: Leena A. Sonkusare — *Sardar Patel Institute of Technology, University of Mumbai, India*
- 095 An Improved Quality of Service using M-AODV Protocol in MANETs
Siddlingappagouda Biradar, Prahlad Kulkarni
 Presenting Author: Siddlingappagouda Biradar — *VTU Unversity*

19:00 – 21:30 Conference Banquet -cum- Cultural Program

Tutorial

Date / Time 14:00 – 18:00 hrs
Title/By Design Challenges in the Wireless Sensor Communications Networks
Dr. Vivek Deshpande, MIT College of Engineering, Pune
Venue TBA

Technical Programme — Day 3: Saturday, 31 October 2015

08:00 – 09:30 Conference Registration

Keynote 5

Date / Time 09:30 – 10:15 hrs
Title/By Prof. Dr. Usha Batra, *Associate Head, The Northcap University, Gurgaon, India*
Venue Aryabhata Seminar hall, (Admin Block)

Keynote 6

Date / Time 10:15 – 11:00 hrs
Title/By Dr. Madhan Kumar Srinivasan, *Global Science & Technology Forum (GSTF), Singapore*
Venue Aryabhata Seminar hall, (Admin Block)

11:00 – 11:30 Tea/Coffee Break

Keynote 7

Date / Time 11:30 – 12:30 hrs
Title/By Mr. Rishi, *GE, Bangalore*
Venue Aryabhata Seminar hall, (Admin Block)

12:30 – 14:00 Lunch

Session	5.1 – Theoretical Computer Science [Parallel]
Date/Time	Saturday, 31 October 2015 / 14:00 – 15:30
Venue	Electrical seminar hall, (CME Block)
Chair(s)	Dr. B Poornima, BIET

362 Machine Learning Approach for the Identification of Diabetes Retinopathy and its Stages
B. Sandeep, Pradeep Nijalingappa
 Presenting Author: B. Sandeep — *Jawaharlal Nehru National College of Engineering, Shivamogga, India*

145 Empirical Study of Features and Classifiers for Fault Diagnosis in Motorcycles based on Acoustic Signals
Veerappa B. Pagi, Ramesh S. Wadawadagi, Basavaraj S. Anami
 Presenting Author: Veerappa B. Pagi — *Basaveshwar Engineering College, Bagalkot, Karnataka, India*

- 271 Robust Digital Image Watermarking based on Discrete Wavelet Transform and Harmony Search Algorithm Optimization Technique
Girija Nagar, Surendra Kumar Agarwal
Presenting Author: Girija Nagar — Govt. Women Engineering College, Ajmer, Rajasthan, India
- 358 Curvelet based CRLBP Texture Descriptor for Facial Expression Recognition
S. Nagaraja, C. J. Prabhakar
Presenting Author: S. Nagaraja — Karnatak Science College, Karnataka, India
- 076 A New Model for Color Image Compression using Modified Hierarchical Prediction
Suresh Babu Pavalavannan, Sathappan S
Presenting Author: Suresh Babu Pavalavannan — Bharathidasan College of Arts & Science, Erode, Tamilnadu
- 281 Design and Analysis of Modified Playfair Square Cipher Algorithm using 10 by 9 Matrix with 'N' Iteration Followed by 'N' Substitutions
■ Jawad Ahmad Dar, Mohd Rafiq Ganie, Firdous ul Rashid, Insha Altaf
Presenting Author: Jawad Ahmad Dar — Kurukshetra University Kurukshetra, Haryana, India
- 371 Estimation of Age Groups based on Facial Features
■ Ankit Kumar Soni
Presenting Author: Ankit Kumar Soni — Dronacharya College of Engineering
- 153 Texture based Classification of Arecanuts
S. Siddesha, S. K. Niranjana, V. N. Manjunath Aradhya
Presenting Author: S. Siddesha — Sri Jayachamarajendra College of Engineering, Mysuru, India

Session	5.2 – Applications of Communication(1)	[Parallel]
Date/Time	Saturday, 31 October 2015 / 14:00 – 15:30	
Venue	Mechanical seminar hall, (CME Block)	
Chair(s)	Dr. M S Nagaraj, BIET	

- 276 Compact Size K-band UWB Antenna for Surface Movement Radar: Design and Analysis
G. K. D. Prasanna Venkatesan, M. Pachiyannan
Presenting Author: G. K. D. Prasanna Venkatesan — SNS College of Engineering, Coimbatore, India
- 341 Design and Analysis of Rectangular Microstrip Patch Antenna using Metamaterial for WIMAX Application at 2.5 GHz
Rekha Kumari Bagri, Santosh Meena
Presenting Author: Rekha Kumari Bagri — Govt. Mahila Engineering College, Ajmer(Raj), India
- 321 SANC: Stochastic Approach for Noise Cancellation in GSM Signals
N. Rekha
Presenting Author: N. Rekha — K S Institute of Technology, Bangalore, India
- 162 Energy Efficient Device to Device Multicast Routing for Wireless Cellular Ad-Hoc Network
S. B. Sridhara, B. Ramesh
Presenting Author: S. B. Sridhara — Rajiv Gandhi Institute of Technology, VTU, Bangalore, India
- 169 Enhanced Variants of CTP for Improved Data Delivery Ratio and Energy Consumption
Pranesh. V. Kallapur, Vibha Prabhu
Presenting Author: Pranesh. V. Kallapur — NMAMIT(Affiliated to VTU), Nitte, Karnataka, India
- 034 4x4 Microstrip Antenna Array for Wireless Power Transmission
Karthik C. Airani, Manikala Nagababu, K. S. Karthik, M. Shambulinga
Presenting Author: Karthik C. Airani — R.V. College of Engineering, Bangalore, India

Session	5.3 – Computing Applications [Parallel]
Date/Time	Saturday, 31 October 2015 / 14:00 – 15:30
Venue	Civil seminar hall, (CME Block)
Chair(s)	Dr. C. Naveena, SJBIT, Bengaluru

- 249 Image Segmentation based on Modified Centroid Weight Particle Swarm Optimization and Spatial Fuzzy C-Means Clustering Algorithm
K. L. Hemalatha, S. Ranjitha, H. N. Suresh
 Presenting Author: K. L. Hemalatha — *Reva University, Bangalore, India*
- 193 Detection of a Brain Tumor using Segmentation and Morphological Operators from MRI Scan with FPGA
H. M. William Thomas, S. C. Prasanna Kumar
 Presenting Author: H. M. William Thomas — *Ballari Institute of Technology and Management, Bellary, India*
- 204 A FRLTA based Reconstruction Technique for Bio Medical Image Compression
H. Sunil, Sharanabasaweshwar G. Hiremath
 Presenting Author: H. Sunil — *Vemana Institute of Technology, Bangalore, India*
- 151 Necessity of Dynamic Composition Plan for Web Services
Sumathi, Niranjan N. Chiplunkar
 Presenting Author: Sumathi — *Canara Engineering College, Mangalore, India*
- 262 Design of controller for Additive Manufacturing Robot
Sanjay N, Premila Manohar
 Presenting Author: Sanjay N — *M. S. Ramaiah Institute of Technology Bangalore*
- 356 Content Based Medical Image Retrieval using Local Co-occurrence Patterns
Koteswara Rao L, Venkata Rao D
 Presenting Author: Koteswara Rao L — *Department of Electronics & Communication Engineering, JNTU Hyderabad, Andhra Pradesh*

Session	5.4 – Applications of Communication (2) [Parallel]
Date/Time	Saturday, 31 October 2015 / 14:00 – 15:30
Venue	Aryabhatta Seminar hall, (Admin Block)
Chair(s)	Prof. Leela G H, BIET

- 010 A Survey on Mobile-Agent Middleware Design Principals and Itinerary Planning Algorithms
K. Lingaraj, Rajashree. V. Biradar, V. C. Patil
 Presenting Author: K. Lingaraj — *RYMEC, Karnataka, India*
- 015 Improved Variant of CTP for Enhanced Data Delivery Ratio and Reduced Computation Overhead
Pranesh. V. Kallapur, Vibha Prabhu
 Presenting Author: Pranesh. V. Kallapur — *NMAMIT(Affiliated to VTU), Nitte, Karkala, Karnataka, India*
- 028 Performance Evaluation of Existing Wireless TCP Variants for High Data Rate Wireless Sensor Networks
Geetha V, Pranesh. V. Kallapur, L. Preetham, T. K. Darshan
 Presenting Author: Pranesh. V. Kallapur — *NMAMIT(Affiliated to VTU), Nitte, Karnataka, India*
- 077 Performance Evaluation of Wireless Routing Protocols based on RTP
J. Daniel Mano, S. Sathappan
 Presenting Author: J. Daniel Mano — *Erode Arts and Science College, Erode, India*
- 092 A Review on Network Partitioning in Wireless Sensor and Actor Networks
R. Pallavi, G. C. Banu Prakash
 Presenting Author: R. Pallavi — *Sir M. Visvesvaraya Institute of Technology, Bangalore, India*

- 102 A Survey on Different Techniques Used for Visible Light Communication
Lohit Penubaku, K. Lakshmeshree
 Presenting Author: Lohit Penubaku — *Reva University, Bangalore, India*
- 062 Side Lobe Level Suppression in a Thinned Linear Antenna Array Using Particle Swarm Optimization
V. S. Gangwar, A. K. Singh, Elvy Thomas, S. P. Singh
 Presenting Author: V. S. Gangwar — *LRDE (DRDO), Bangalore, India*
- 268 Analysis and Comparison of clipping Techniques for OFDM/OQAM Peak-to-Average Power Ratio Reduction
Vangala Sandeepkumar, S.Anuradha
 Presenting Author: Vangala Sandeepkumar — *National Institute of technology Warangal*

15:30 – 16:00 Tea/Coffee Break

Session	6.1 – Theoretical Computer Science (1) [Parallel]
Date/Time	Saturday, 31 October 2015 / 16:00 – 18:00
Venue	Electrical seminar hall, (CME Block)
Chair(s)	Dr. Sunitha G S, BIET

- 033 Improved Fragile Watermarking by Encoding of the Zeroes of Z-Transform
K. M. Varuna Rao, Umesh Ghanekar
 Presenting Author: K. M. Varuna Rao — *NIT, Haryana, India*
- 160 Multilevel Security and Compression of Text Data using Bit Stuffing and Huffman Coding
M. V. Jerabandi, M. M. Kodabagi, Nagaraj Gadagin
 Presenting Author: M. V. Jerabandi — *Rural Engineering College, Hulkoti, India*
- 024 Performance Evaluation of Enhanced Hierarchical and Partitioning Based Clustering Algorithm (EPBCA) in data mining
Gurpreet Singh, Jaskaranjit Kaur, MD. Yusuf Mulge
 Presenting Author: Gurpreet Singh — *Pacific Academy of Higher Education & Research University, Udaipur, India*
- 311 A Novel Approach of High Durable Super Battery
Soudip Sinha Roy
 Presenting Author: Soudip Sinha Roy — *University of Engineering & Management, Jaipur, India*
- 287 A Combinational Approach for Activity Recognition using Context
Bela Joglekar, Parag Kulkarni, Megha Sharma
 Presenting Author: Bela Joglekar — *Bharti Vidyapeeth University, Pune, India*
- 187 Enhanced Secure Mechanism for Image Encryption
 ■ *Gurpreet Kaur, Anurag Singh Tomar*
 Presenting Author: Gurpreet Kaur — *Lovely Professional University*
- 387 Content Based Video Retrieval Using Support Vector Machine Classification
 ■ *G S Nagaraja, T S Deepak*
 Presenting Author: G S Nagaraja — *RVCE*
- 375 Design and Analysis of 7-Bit Karnaugh map for Minimization of Logic Circuits Involving Seven Bit Variables and Performance Evaluation of Karnaugh Map through UML
 ■ *Jawad Ahmad Dar, Insha Altaf, Mohd Rafiq, Firdous ul rashid*
 Presenting Author: Jawad Ahmad Dar — *Kurukshetra University Kurukshetra, Haryana, India*

Session	6.2 – Theoretical Computer Science (2)	[Parallel]
Date/Time	Saturday, 31 October 2015 / 16:00 – 18:00	
Venue	Mechanical seminar hall, (CME Block)	
Chair(s)	Dr. Nirmala C R, BIET	

- 091 Automated Read-Write Kit for Blind Using Hidden Markov Model and Optical Character Recognition
V. Govardanam, T. N. Vignesh Babu, N. Sri Hari Kavim
Presenting Author: V. Govardanam — *Sri Sairam Engineering College, Chennai, India*
- 097 Flipping based High Performance Pipelined VLSI Architecture for 2-D Discrete Wavelet Transform
S. M. Todkar, P. V. S. Shastry
Presenting Author: S. M. Todkar — *Cummins College of Engineering for Women, Pune, India*
- 212 NetWatch:Empowering Software-Defined Network Switches for Packet Filtering
Deepa Balagopal, X. Agnise Kala Rani
Presenting Author: Deepa Balagopal — *Karpagam University, Coimbatore, India*
- 170 Facial Image Retrieval based on Local and Regional Features
A. Obulesu, Jangala. Sasi Kiran, V.Vijaya Kumar
Presenting Author: A. Obulesu — *Anurag Group of Institutions, Hyderabad, India*
- 214 An Extensive Review of Facial Expression Recognition Using Salient Facial Patches
Elsa Sabu, Paul P. Mathai
Presenting Author: Elsa Sabu — *Federal Institute Of Science And Technology, Angamaly, India*
- 132 Security Challenges for Cloud Computing
■ *Rajat Saxena, Somnath Dey*
Presenting Author: Rajat Saxena — *Indian Institute of Technology, Indore, India*
- 086 Color Based Multi Directional Local Motif XoR Patterns for Image Retrieval
■ *Koteswara Rao L, Venkata Rao D*
Presenting Author: Koteswara Rao L — *JNTU Hyderabad, Andhra Pradesh*
- 171 Classification of Child and Adulthood Using GLCM based on Diagonal LBP
A. Mallikarjuna Reddy, K. Subba Reddy, V.Venkata Krishna
Presenting Author: A. Mallikarjuna Reddy — *Anurag Group of Institutions, Hyderabad, India*

Session	6.3 – Computing Applications	[Parallel]
Date/Time	Saturday, 31 October 2015 / 16:00 – 18:00	
Venue	Civil seminar hall, (CME Block)	
Chair(s)	Dr. Kiran Y C, BNMIT, Bengaluru	

- 353 Algorithms for Ligand based Virtual Screening in Drug Discovery
Shubhankar Das, Khushboo Babaria, Sanya Ambegaokar, Hemant Palivela
Presenting Author: Shubhankar Das — *NMIMS University, Mumbai, India*
- 265 Analogizing the Thinning Algorithm on Fingerprint in Minutiae Extraction
J. Shiny Priyadarshini, D. Gladis
Presenting Author: J. Shiny Priyadarshini — *Madras Christian College, Chennai, India*
- 230 An Efficient Particle Swarm Optimization and Rule Mining for Fault Diagnosis of Dissolved Gas Analysis
Namrata Dehariya, Vinay Pathak, Ashutosh Kumar Dubey
Presenting Author: Namrata Dehariya — *Bhopal Institute of Technology, Bhopal, India*
- 294 Addition of Yellow Frequency in the Spectrum for Improving Vision due to Fog
Monika Verma, Vikash Yadav, Vandana Dixit Kaushik, Vinay Kumar Pathak
Presenting Author: Monika Verma — *Harcourt Butler Technological Institute, Kanpur, India*

Session	6.4 – Applications of Communication	[Parallel]
Date/Time	Saturday, 31 October 2015 / 16:00 – 18:00	
Venue	Aryabhatta Seminar hall, (Admin Block)	
Chair(s)	Dr. Chetana Prakash, BIET	

- 108 Data Sharing in Vehicular Ad Hoc Network (VANET) using DES
Sujeet More, Kalkundri Ravi, Mohammed Mujeeb Arab
 Presenting Author: Shaikh College of Engineering & Technology, Belagavi, India — *Shaikh College of Engineering & Technology, Belagavi*
- 191 A Taxonomy on Ant Colony based Routing Algorithms for Wireless Sensor Networks
C. G. M. Vishwas, M. Kiran
 Presenting Author: C. G. M. Vishwas — *J.N.N College of Engineering, Karnataka, India*
- 263 Architecture Elements of Securing Big Data with IoT and WSN
Sarafudheen M. Tharayil, Paul Rodrigues
 Presenting Author: Sarafudheen M. Tharayil — *Bharathiar University, India*
- 299 Enhancing Coverage / Connectivity with Retention of Network Lifetime in Wireless Sensor Network
Deepak S. Sakkari, T. G. Basavaraju
 Presenting Author: Deepak S. Sakkari — *JNTUH, Hyderabad, India*
- 340 Wireless Sensor Network for Dryland Farming
Sree Ramya Soratkal, Ravi Kishore Kodali
 Presenting Author: Sree Ramya Soratkal — *National Institute of Technology, Warangal, India*
- 195 Trust Model for WSNs
SreeRamya Soratkal, Ravi Kishore Kodali
 Presenting Author: SreeRamya Soratkal — *National Institute of Technology, Warangal, India*

Short Course 2

Date / Time	10:00 – 18:00 hrs
Title/By	Introduction to Big Data & Analytics <i>Ms. Revathy Padmanaban, Tata Consultancy Services (TCS) Limited, India</i>
Venue	Room A348)

End of the Conference