

## Oral Presentation

- 11 Reliability aware Self-healing FFT System Employing Partial Reconfiguration for Reduced Power Consumption
- 22 Sensitivity improvement of resonant sensor with PID controller
- 46 EMBEDDING AND RETRIEVING PATIENT'S IDENTIFICATION AND COMPRESSION OF ELECTROCARDIOGRAM SIGNAL (ECG)
- 57 Coordination Based Motion Control in Mobile Wireless Sensor Network
- 78 Fault tolerant FPGA computing system using evolutionary techniques for real time applications
- 86 Cluster-based Myopic and Non-myopic Scheduling for Wireless Sensor Network
- 93 A Modified Thinning Strategy to Handle Junction Point Distortion for Bangla Characters
- 96 Transverse Non-uniform Slotted Substrate Integrated Waveguide Leaky-Wave Antenna
- 100 Double-Fault Tolerant Architecture Design for Digital Adder
- 115 RF Performance Analysis of Graphene Nanoribbon Interconnect
- 119 Use of Data Driven Optimal Filter to obtain Significant Trend present in Frequency Domain Parameters for Scalp EEG
- 123 Comparative Analysis of Different Classification Algorithms using an Imbalanced Geological Dataset: A Case Study
- 136 Anomaly Detection in Nuclear Power Plant Data using Support Vector Data Description
- 139 Synthesis of Simultaneous Sum and Difference Patterns in Uniformly Excited Time-Modulated Linear Arrays using Firefly Algorithm
- 142 Environment interpretation for autonomous indoor navigation
- 146 A Simplified Space Vector PWM Scheme for any N-Level Inverter
- 154 Load Reduction with Multiple Mobile Sinks in Wireless Sensor Networks
- 203 Towards a RISC Instruction Set Architecture for the 32-bit VLIW DSP Processor Core
- 217 ANN Based Sensorless Vector Controlled Induction Motor Drive Suitable for Four Quadrant Operation
- 236 A Fully Differential Amplifier with CMOS Feedback Biasing for sensing CMUT signals
- 237 A Novel Approach for Image Compression Based on Multi-level Image Thresholding using Shannon Entropy and Differential Evolution
- 245 CORDIC Based Reconfigurable Architecture for DS-CDMA/CI Transmitter
- 247 A Cascade Framework for Unoccluded and Occluded Pedestrian Detection
- 251 Side Information Refinement Scheme in Transform Domain Distributed Video Coding
- 261 A Generic and Efficient Modeling of Phase Margin of High Performance CMOS OpAmps
- 268 Improving Convergence of Nonlinear Active Noise Control Systems
- 270 Color Pass: An Intelligent User Interface to Resist Shoulder Surfing Attack
- 272 A Comparative Study of F0 contour of Native (L1) and Nonnative (L2) English Speech at Prosodic Levels: Analyzed by Empirical Mode Decomposition Technique
- 278 Cluster Validation Techniques for Bibliographic Databases
- 291 An Online Dynamic Set Point Weighting Scheme for PID Controller

- 292 Dynamic Performance Enhancement of Voltage Source Inverter By Constant-Frequency Hysteretic Current Controller (paper ID 292)
- 305 Fabrication and characterization of p-Si/n-ZnO heterojunction ultraviolet photodetector  
A Platform to Develop Entertainment and Social Interaction Applications to Improve  
307 Quality of Life (QoL) of People with Cerebral Palsy
- 316 Video Error Concealment Using Speeded Up Robust Features and Affine Transformation
- 323 Novel Particle Swarm Optimization Based Hyper Beamforming of Linear Antenna Arrays
- 326 A simple low cost scheme for closed loop operation of MEMS capacitive accelerometer
- 355 An Automated Method for Detecting Systolic Peaks from Arterial Blood Pressure Signals  
Geant4: GATE and GAMOS - A Systematic Implementation of HEP Simulation toolkit to  
361 Oncology therapy  
A Survey on Image Retrieval Performance of Different Bag of Visual Words Indexing  
364 Techniques  
Comparative Analysis of Single Span High Speed 40 Gbps Long Haul Optical Link Using  
382 Different Modulation Formats in the Presence of Kerr Nonlinearity  
383 Stability analysis of Human Respiratory System

IEEE TechSym 2014/  
List of selected papers

## Poster Presentation

- 4 Model Identification, Controller Design and Validation of Nano Positioning System using Time Domain Analysis
- 9 Cognitive Framework for Flexible Queuing Strategy in Next Generation Networks
- 24 Wireless Health Monitoring System for Modern Health Care Centres
- 26 Novel Self balancing Single Phase 7 Level Inverter with Coupled inductors
- 41 Design of an Energy Efficient, High Speed, Low Power Full Subtractor Using GDI Technique
- 44 Analysis and Design of 2nd Order Sigma-Delta Modulator for Audio Applications
- 50 A Differential Protection Scheme for Tapped Transmission line Containing UPFC and Wind farm
- 60 Energy Efficient Routing Technique for Privacy Preservation of Assets Monitored with WSN
- 72 A Novel Method for Distributed Image Steganography
- 73 Effective Approach for Iris Localization in Non-ideal Imaging Conditions
- 75 An Ultra-Thin LC Resonator Structure for Radar Cross Section Reduction
- 77 New Improved High Speed Low Power Double Tail Comparator Design for 2.5 GHz Input Signal
- 91 Novel Tunable Band Reject Filter Using RF MEMS Technology
- 95 Winding Deformation Analysis in Power Transformers Using Finite Element Method
- 99 Frequency Response of a Microwave Notch Filter in Presence of Two Interfering Tones
- 121 Text Line Identification in Tagore's Manuscript
- 144 Determination of Criticality of Nuclear Reactors Using Neutron Diffusion Theory
- 147 Application of Population Based Optimization for Tuning of PID Controller for an Automatic Voltage Regulator System
- 160 A Gaze Estimation Approach for Intelligent Viewing in Tele-operation
- 166 Re- defining learning experience
- 168 Comparative Analysis of LCL Filter with Active and Passive Damping Methods for Grid-Interactive Inverter System
- 169 RoboG: Robo Guide with simple learning strategy
- 172 Learn Through Play – Augmented Reality Gaming For Children
- 177 Gravitational Search Algorithm For the Static Synchronous Series Compensator Based Damping Controller Design
- 185 Segment size Optimization to Guarantee Healthcare Application perceived QoS over UDP
- 195 Weak GNSS signal acquisition using Prolate Spheroid Wave function based compressive sensing
- 209 Effective Approach for Iris Localization in Non-ideal Imaging Conditions
- 212 A New Approach for Contrast Enhancement based on Parametric Sigmoid Function
- 216 Modelling and Analysis of Resistive Superconducting Fault Current Limiters
- 220 On Multi-cycle Path Support in Model based High-level Synthesis
- 223 Design of Modified Rhomboidal Dualband Antenna for Bluetooth and UWB Applications
- 225 Annular Ring Embedded L-slot Rectangular Microstrip Patch Antenna
- 232 Krishi-Bharati: An Interface for Indian Farmer
- 243 Parameters Optimization of Lateral Impact Ionization MOS (LIMOS)

246	Multi-classifier framework for lung tissue classification
256	Threshold voltage roll-off and DIBL Model for DMDG SON MOSFET : A Quantum Study
262	Voting Based Decision Framework for Optimum selection of Interpolation Technique for 3-D Rendering Applications
275	Modified Proportional Loss Allocation Technique
289	An analytical framework for area and switching power estimation of a fixed-point FFT algorithm
293	ESDF: Ensemble Selection using Diversity and Frequency
299	Modified Design of Microstrip Patch Antenna for WIMAX Communication System
301	Growth and characterization of Al <sub>0.15</sub> Ga <sub>0.85</sub> As/GaAs pseudomorphic heterostructure by MBE
309	Effect of Longitudinal Electric Field and Self Heating of Channel on Linearity and Gain of AlGa <sub>N</sub> /Ga <sub>N</sub> HEMT on Sapphire (0001)
311	Information Asymmetry Minimization System for Potential Clients of Healthcare Insurance in Indian Context using Semantic Web
319	A simple MEMS structure as effective methane gas sensing application
329	Synthesis of ESOP-based Reversible Logic using Negative Polarity Reed-Muller Form
332	Node movement Stability and Congestion aware Anycast Routing in Mobile Ad hoc Networks
358	Analog circuit performance of high mobility ultrathin-body InAsSb-on-insulator MOSFETs
362	Mobility Managed Energy Efficient Android Mobile Devices using Cloudlet
363	FPGA Based Implementation & Power Analysis of Parameterized Walsh Sequences
370	A novel method to determine minimum capacitance of the self-excited induction generator
378	Framework for surveillance of Instant Messages in IM and SNS using Data Mining and Ontology
388	Stability issues in a cardiovascular circulation
395	Joint Diagonalization in ACMA and Its Application to Multiple-Tag RFID Systems
397	Alpha amylase activities of some common medicinal plants – A comparison
400	A Thermal and Congestion Driven Global Router For 3D Integrated Circuits
403	500 MHz Differential Latched Current Comparator for Calibration of Current Steering DAC