

Date	Session - I			
13 th September 2013	Track 1 (2.00pm-3.00pm) Chair: Dr. Brian Subirana Co-Chair: Ms. Polynia Kharbuli		Track 2 (2.00pm-3.00pm) Chair: Dr. Pushpak Bhattacharya Co-Chair: Ms. Medari J. Tham	
	Paper ID	Topics	Paper ID	Topics
	IC238	Automatic Facial Expression Recognition Using LBP of Essential Facial Parts and Feed Forward Neural Network, <i>Sunny Bagga</i>	IC052	Reconstruction Of Speech Signal Using Empirical Mode Decomposition Based Glottal Source Extraction, <i>Nisha Goswami</i>
	IC255	Gloved and Free Hand Tracking based Hand Gesture Recognition, <i>Dharani Mazumdar</i>	IC053	Recurrent Neural Network based Approach to Recognize Assamese Fricatives using Experimentally Derived Acoustic-Phonetic Features, <i>Chayashree Patgiri</i>
	IC261	Performance Evaluation of Feature Selection Methods for ANN Based Iris Recognition, <i>Thiyam Churjit Meetei</i>	IC133	A Novel Approach for Design of a Speech Enhancement System using NLMS Adaptive Filter and ZCR based Pattern Identification, <i>Sivaranjan Goswami</i>
	IC268	A Topological Calculus for Firewalls, <i>Shobhanjana Kalita</i>	IC148	Recurrent Neural Network based Approach to Recognize Assamese Vowels using Experimentally Derived Acoustic-Phonetic Features, <i>Mridusmita Sharma</i>
	IC282	Communication by Gestures in Personal Emergency Response System, <i>Andrews Samraj</i>	IC188	Implementation of ANN based Assamese Character Recognition System with reinforcement of Radon Transform and PCA based Feature Extraction, <i>Purnima Kumari Sharma</i>

Date	Session - II			
14 th September 2013	Track 1 (11.30am-1.15pm) Chair: Dr. Raghu Krishnapuram Co-Chair: Ms. Probidita Roychoudhury		Track 2 (11.30am-1.15pm) Chair: Dr. Basav Roychoudhury Co-Chair: Ms. Ibanroilin Nongrum	
	Paper ID	Topics	Paper ID	Topics
	IC017	Design of Low Power Comparator Circuit Based on Reversible Logic Technology, <i>H.P.Shukla</i>	IC022	A Novel Steganography Technique Through Variable Bit Manipulation, <i>Bikromaditya Mondal</i>
	IC031	Double-Gate Junctionless Transistor for Low Power Digital Applications, <i>Ratul Kumar Baruah</i>	IC054	Narrow Band Interference (NBI) Mitigation Technique for TH-PPM UWB Systems in IEEE 802.15.3a Channel Using Wavelet Packet Transform, <i>Brijesh Kumbhani</i>
	IC056	Design of an Adaptive Calibration technique based on LSSVM for Liquid Level Measurement, <i>Santhosh K V</i>	IC063	Effect of Noise on Electro Absorption Modulator (EAM) and Optimization – Used For Optical Communication, <i>Pranab Hazra</i>
	IC062	Performance Evaluation of Task Assignment Algorithms in Cube-Based Multiprocessor Systems, <i>Abdus Samad</i>	IC077	Adaptive Aperture Aided Multi-Antenna Framework for High Data Rate Wireless Channels , <i>Parismita A. Kashyap</i>
	IC078	Towards Implementation of Fault Tolerant Reversible Circuits, <i>Anugrah Jain</i>	IC082	Model Checking a Firewall for Anomalies, <i>Nayan Basumatary</i>
	IC155	A Reliability Prediction Model for Complex Systems Using Data Flow Dependency, <i>Dipankar Majumdar</i>	IC084	DTC: A framework to Detect Traffic Congestion by Mining versatile GPS data, <i>Anand Gupta</i>
	IC205	Analog Field Programmable CMOS Operational Transconductance Amplifier (OTA), <i>G. Kapur</i>	IC286	FPGA Implementation of Less Area Overhead Radix – 4 Threshold Viterbi Decoder With Trace Forwarding for OFDM Based Cognitive Radio, <i>Poornima Narayanasamy</i>
IC259	A New Efficient Layer Assignment Algorithm for Partitioning in 3D VLSI Physical Design, <i>Ajoy Kumar Khan</i>	IC292	Distributed Extraction and A Novel Association Rule Mining Mechanism for WSN: An Empirical Analysis, <i>Anjan Das</i>	

Date		Session - III			
14 th September 2013	Track 1 (2.00pm-3.15pm) Chair: <i>Dr.Alok Chakrabarty</i> Co-Chair: <i>Ms. Aiusha V. Hujon</i>		Track 2 (2.00pm-3.15pm) Chair: <i>Dr. T.K.Sinha</i> Co-Chair: <i>Ms.Polynia Kharbuli</i>		
	Paper ID	Topics	Paper ID	Topics	
	IC025	Nuclei Segmentation from Breast Cancer Histology Images, <i>Amresh Nikam</i>	IC007	On the Study of GRBF and Polynomial Kernel Based Support Vector Machine in Web Logs, <i>Pulak Sahoo</i>	
	IC068	Power Efficient Odd Parity Generator & Checker Circuits, <i>Reginald H Vanlalchaka</i>	IC102	MSDoT- Memory Size and Depth of Tier Based Queuing Model for Scheduling a Multi-Tier Cloud, <i>A.Stanislas</i>	
	IC158	Performance Analysis of Service Classes for IEEE 802.16m QoS Optimization, <i>Sajal Saha</i>	IC134	Hybridizing Chemical Reaction Optimization and Artificial Neural Network for Stock Future Index Forecasting, <i>S. C. Nayak</i>	
	IC165	Recognition of Motion Events Of Directed Points Using a Language Based Framework, <i>Rupam Baruah</i>	IC098	Constraint Estimation For RSSI Based Handoff Between UMTS And WLAN, <i>Diganta Kumar Pathak</i>	
	IC265	Unified Framework for Representation, Analysis of Multimedia Content for Correlation and Prediction, <i>S. Nissi Paul</i>	IC224	Classification of ECG using Some Novel Features, <i>Pratiksha Sarma</i>	
	IC287	A Novel Approach for and Efficient Implementation of 2 Level 2D DWT using ASIC and FPGA, <i>Parvatham Vijay</i>	IC269	Intelligent Relaying of UPFC based Transmission Lines Using Decision Tree, <i>Manas Kumar Jena</i>	

Date		Session - IV			
14 th September 2013	Track 1 (3.30pm-4.45pm) Chair: <i>Dr.R. S. Thakur</i> Co-Chair: <i>Mr. Kesterlee L. Syiemiong</i>		Track 2 (3.30pm-4.45pm) Chair: <i>Dr. Anjan Das</i> Co-Chair: <i>Mr. Amit Gurung</i>		
	Paper ID	Topics	Paper ID	Topics	
	IC092	Nonlinear Model based Prediction of Time Varying SISO-MIMO Channels using FANN-DFE Combination, <i>Manasjyoti Bhuyan</i>	IC064	Management and Validation of VGI, <i>Vartika Bajpai</i>	
	IC066	A Comparative Analysis of FETToy Simulation of CNTFET Characteristics, <i>Sanjeet Kumar Sinha</i>	IC076	An Empirical Study of Community and Sub-Community Detection in Social Networks Applying Newman-Girvan Algorithm, <i>Deepjyoti Choudhury</i>	
	IC069	False Circle Detection Algorithm based on Minimum Support Percentage and Euclidean Distance, <i>Virendra Kumar Yadav</i>	IC213	Finite Element Modelling of Piezoelectric Micro-Cantilever as Gas Sensor, <i>Sandeep Arya</i>	
	IC094	A Colour Image Encryption Based On DNA Coding and Chaotic Sequences, <i>Sukalyan Som</i>	IC140	A Framework for Medical Text Mining using a Feature Weighted Clustering Algorithm, <i>Anirban Chakrabarty</i>	
	IC214	The Development of an Intelligent Aid for Blind and Old People, <i>Himanshu Singhal</i>	IC173	New Clustering Algorithm for Vector Quantization using Slant Transform, <i>Sudeep D. Thepade</i>	
	IC293	Preliminary investigation of a Morphological Analyzer and Generator for Khasi, <i>Medari Janai Tham</i>	IC289	Linear Regression Approach for Predicting the Stock Market Trends Based on Open and Close Price of the Month, <i>Sachin Kamley</i>	