

2nd International Conference on Computing and Communication Systems (I3CS'16)
11 – 13 November, 2016

SCHEDULE

	9:00 AM	9:30 AM	10:15 AM	10:30 AM	11:00 AM	11:30 AM	12:00 PM	12:45 PM	1:30 PM	2:30 PM	3:15 PM	3:30 PM			5:30 PM	7:00 PM
11 NOV FRI	Registration			Inaugural Ceremony		High Tea	Keynote #1 (AKR)	Keynote #2 (JKM)	Lunch Break	Invited Talk #1 (SPM) & Invited Talk #2 (LD)	Tea Break	Technical Session-I			Banquet & Cultural Programme	
							Technical Session-IV			Technical Session-II						
							Technical Session-V			Technical Session-III						
							Technical Session-VI			Technical Session-VII						
12 NOV SAT	Invited Talk #3 (RL)		Invited Talk #4 (US) & Invited Talk #5 (RKP)		Tea Break	Technical Session-V			Lunch Break	Keynote #3 (DKB)	Tea Break	Technical Session-VIII				
						Technical Session-IV				Technical Session-IX						
						Technical Session-VI				Technical Session-VII						
						Technical Session-V				Technical Session-VIII						
13 NOV SUN	Local Sight Seeing															
	*AKR: Prof. Ajoy Kumar Ray, Director, IEST, Shibpur															
	*JKM: Prof. Jyotsna Kumar Mandal, University of Kalyani															
	*LD: Dr. Lipika Deka, De Montfort University, Leicestershire, United Kingdom															
	*RL: Dr. Rory Lewis, University of Colorado, Colorado Springs, USA															
	*US: Prof. Utpal Sharma, Tezpur University															
	*RKP: Prof. Rajat Kumar Pal, University of Calcutta															
	*DKB: Prof. Dhruba K Bhattacharyya, Tezpur University															
	*SPM: Prof. Santi Prasad Maity, IEST, Shibpur															

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Presentation Duration : 15 minutes

Date : 11/11/2016 (Friday)

Time : 03.30 p.m.

Technical Session-I: Network Protocols and Application, Venue: Room #1
Session Chair : Prof. J. K. Mondal, Session In-charge : Dr. Hemanta Kumar Kalita

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-75	Effective Verification Scheme For Filtering Injected False Data In Wireless Sensor Networks	Gayathri Santhosh
I3CS16-91	ISCP: Inter State changing problem in Wireless Sensor Network with dumb-behaving nodes	Subhransu Das
I3CS16-93	Effects of Persistent Misbehaving Nodes in Wireless Sensor Networks	Subhransu Das
I3CS16-161	Performance Comparison of Routing Protocols in Mobile Ad-Hoc Networks	Alak Roy
I3CS16-206	Secure Adhoc On-Demand Multipath Distance Vector Routing in MANET	V.VinothKumar
I3CS16-252	Reputation-based Trust for Selection of Trustworthy Cloud Service Providers	Monoj Kumar Muchahari
I3CS16-296	Global Common Sequence Alignment Using Dynamic Window Algorithm	lalit kumar Behera
I3CS16-316	TRUST BASED ROUTING FOR MITIGATING GRAYHOLE ATTACK IN MANET	Kefayat Ullah

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Technical Session-II: Artificial Intelligence and Soft Computing, Venue: Room #2
Session Chair : Prof. Rajat Kumar Paul, Session In-charge : Prof. Gautam Saha

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-79	Opinion Summarization using Product Feature based review classification	Vimal Kumar K
I3CS16-92	Generic Document Classification Using Clustering, Centrality and Voting	Ansul Verma
I3CS16-105	A Game for Shared Ontology Evolution	Dipika Boro
I3CS16-113	An Adaptive Genetic Algorithm Based Neural Network for Traversability Analysis under Uncertain Terrain Conditions	N.Samanvita
I3CS16-182	AUTOMATIC BRAIN TUMOR DETECTION AND CLASSIFICATION OF GRADES OF ASTROCYTOMA	Nilakshi Devi
I3CS16-219	A FAST ADAPTIVE FUZZY UNSYMMETRIC TRIMMED MEAN FILTER FOR REMOVAL OF IMPULSE NOISE FROM DIGITAL IMAGES	S. Vijaya kumar
I3CS16-242	MINING FUZZY CLASSIFICATION RULES WITH EXCEPTIONS: A COMPARATIVE STUDY	Amarnath Pathak
I3CS16-268	Impulse Noise Reduction in Digital Images using Fuzzy Logic and Artificial Neural Network	Kishore Medhi
I3CS16-289	Utility Aware Cooperative Spectrum Sensing using Coalitional Game Theory	Prakash Chauhan
I3CS16-318	Codon based Analysis of Alzheimer's disease (AD) using Soft Computational Tool	Hemashree Bordoloi

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Technical Session-III: Communication Engineering, Venue: Room #3
Session Chair : Prof. Santi Prasad Maity, Session In-charge : Dr. Arnab K. Maji

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-125	Dynamic Virtual Server for Optimized Web Service Interaction	Jayakumar L
I3CS16-192	Cross Layer Design Strategies for Power Control and Link Predictability	Dr. Jhunu Debbarma
I3CS16-198	Probability of Detection Analysis in Fading and Non-fading scenario using Cooperative Sensing Technique	Meenakshi Sharma
I3CS16-215	Selection Diversity Based Energy Detection over Weibull Fading Channels	Niharika Barman
I3CS16-239	Design of Dense Wavelength Division Multiplexing Passive Optical Network system using DQPSK modulation format	Dhiman Kakati
I3CS16-307	An Approach to Convergence Between LTE and DSRC	Raymond Star Jyrwa
I3CS16-309	A Novel Vehicular Network Clustering Scheme	Phidahunlang Chyne
I3CS16-328	Uplink Communication between WiMAX and IEEE 802.11P using subchannelization	V. Dhilip Kumar

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Technical Session-IV: Machine Learning and NLP, Venue: Room #1
Session Chair : Prof. Utpal Sharma, Session In-charge : Prof. Gautam Saha

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-103	Machine Learning based Comparative Analysis for the Classification of Earthquake Signals	Devendra Parihar
I3CS16-162	Temporal representation of vowels in Khasi dialects	Bronson Syiem
I3CS16-188	Hemodynamic Analysis on Human Cerebrovascular Phantom with and without Aneurysm	Subhadip Basu
I3CS16-225	Problems and Issues in Parsing Manipuri Text	Yumnam Nirmal
I3CS16-267	Classification of Bangla Compound Characters Using a HOG-CNN Hybrid Model	Nabeel Mohammed
I3CS16-276	GMM based Formant Transformation of the vowels/diphthongs of one Assamese variety to another	Sanghamitra Nath
I3CS16-280	English to Nepali Statistical Machine Translation System	Abhijit Paul
I3CS16-302	Language Identification on Code-mix Social Text	Nayan Jyoti Kalita

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Technical Session-V: Multi-Media and Speech Processing, Venue: Room #2
Session Chair : Prof. J. K. Mondal, Session In-charge : Dr. Hemanta Kumar Kalita

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-46	A Study on Variation of Supra Segmental Phonetic Appearance Considered for Prosody Design with Respect to Assamese Language	Parismita Sarma
I3CS16-58	A Hybrid Particle Swarm Optimization and Artificial Bee Colony algorithm for Image Contrast Enhancement	Saorabh Kumar Mondal
I3CS16-101	A Novel approach for segmenting WBCs in smartphones using color-based segmentation	Ratnadeep dey
I3CS16-143	Some issues related to Phone Recognition and Language Identification using Phonetic Engine	sushantakabir dutta
I3CS16-229	An image based approach for the classification of dementia from brain magnetic resonance images	Ibanylla Sari
I3CS16-234	A deblocking algorithm for JPEG compressed images using wavelet domain adaptive non local means filtering	Satyabrata Malla Bujar Baruah
I3CS16-244	Extracting Qualitative Spatio-Temporal Relations for Objects in a Video	Juwesh Binong
I3CS16-251	A Spell Correction Method for Query-Based Text Summarization	Nazreena Rahman
I3CS16-321	A Bengali-Sylheti Rule Based Dialect Translation System: Proposal and Preliminary System	Anup Sinha
I3CS16-323	"Study and Analysis of different Face Recognition Techniques based on Graph"	Sunita Warjri
I3CS16-327	Extraction and Analysis of Expression from a Captured Face	Imayanmosha Wahlang

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Technical Session-VI: Devices and Signal Processing, Venue: Room #3
Session Chair : Dr. Anup Dandapat, Session In-charge : Dr. Subhas C. Arya

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-45	An Approach Based on Information Theory for Selection of Sys-tems for Efficient Recording of Electrogastragrams	Paramasivam Alagumariappan
I3CS16-131	Pursuit-Evasion: Multiple Pursuer Pursue Multiple Evader Using WaveFront and Hungarian Method	Akshay Kumar
I3CS16-147	An efficient multiscale wavelet local binary pattern for biomedical image retrieval	Rakcinpha Hatibaruah
I3CS16-200	Coupling Characteristic of Silicon Based Optical Directional Coupler	Himanshu Ranjan Das
I3CS16-228	Characteristics of Visible Light Communication using Light Emitting Diodes	Sujit Chatterjee
I3CS16-235	C-band Silicon Optical Modulator for High Speed Optical Communication System	SILPEEKA MEDHI
I3CS16-269	Power spectral study of EEG signal from the frontal brain area ofautistic children	Bablu Lal Rajak
I3CS16-304	An Euler-path based Online Testing Technique to Detect Catastrophic Fault in Triangular DMFB	Amartya Dutta
I3CS16-320	Realization of Basic Gates using Universal Gates Using Quantum-dot Cellular Automata	Jayanta Pal

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Technical Session-VII: Cryptography and Network Security, Venue: Room #1
Session Chair : Dr. Joydeb Bhaumik, Session In-charge : Dr. Bubu Bhuyan

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-60	Collaborative Intrusion Detection System in SDN using Game Theory	Baratheraja R N
I3CS16-65	Intrusion Detection System for Software Defined Networks using Fuzzy System	V Vetriselvi
I3CS16-82	A (k; n) Multi secret sharing scheme with updated secret shadows	shyamalendu Kandar
I3CS16-95	Design and Analysis of LFSR-based Stream Cipher	Subhrajyoti Deb
I3CS16-128	A Modified RSA Cryptography Algorithm for Security Enhancement in Vehicular Ad-hoc Networks	Debasish Roy
I3CS16-179	Low-Rate and High-Rate DDoS Flooding Attack Detection using a-Divergence	Nazrul Haque
I3CS16-230	A Symmetric Key Based Image Encryption Scheme	Jaydeb Bhaumik
I3CS16-288	Anonymous RFID Authentication for IoT in LTE-A	Dr. Hiten Choudhury
I3CS16-326	An Indirect Addressing Image Steganographic Scheme using 9×9 Sudoku Matrix	Ambar Bandyopadhyay

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Technical Session-VIII: Data Mining, Venue: Room #2
Session Chair : Prof. Dhruba K Bhattacharyya, Session In-charge : Dr. Hemanta Kumar Kalita

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-20	MaDGM: Multi-aspect Dynamic Graph Miner	Rahul Khanna, Sakshi
I3CS16-62	Rule Derivation for Pulmonary Tuberculosis using Rough set Theory	Sujogya Mishra
I3CS16-81	Efficient Prior-Art Retrieval of Patent Documents using Map Reduce Paradigm	Girthana K
I3CS16-94	FCA based Ontology Revision	Zubin Bhuyan
I3CS16-96	A density based clustering for gene expression data using gene ontology	Koyel Mandal
I3CS16-100	Statistical Analysis of a Data Center Resource Usage Patterns: A Case Study	Anoop S Kumar
I3CS16-151	Classification of dsDNA virus through sequence patterns	Uddalak Mitra
I3CS16-157	Analysis of the firing behavior of STN-GPe network in Parkinson disease	Jyotsna Singh
I3CS16-174	DCRS: A multi-objective protein complex finding method	Pooja Sharma
I3CS16-261	Phenotype interweaved network of genes using rough set	Arnab Sadhu
I3CS16-292	River length calculation using map data	Deepshikha shrivastava

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Technical Session-IX: Microwave Engineering and MISC, Venue: Room #3
Prof. Rajat Kumar Paul, Session In-charge : Dr. Arnab Kumar Maji

PAPER ID	PAPER TITLE	AUTHOR(S)
I3CS16-33	Performance Optimization in Non-Uniform Directive Arrays	Avi Narayana Rao
I3CS16-53	Automatic Visualization of Product Features using LDA and Word2Vec	Thomas N T
I3CS16-76	An Improvised Back Propagation Neural network Model based on Gravitational Search Algorithm for Multinomial Classification	Rojalina Priyadarshini
I3CS16-113	An Adaptive Genetic Algorithm Based Neural Network for Traversability Analysis under Uncertain Terrain Conditions	N.Samanvita
I3CS16-181	Clustering based on Ant Colony Optimization and Relative Neighborhood(C-ACORN)	PARIKA JHANJI
I3CS16-248	Video Steganography Techniques in Spatial Domain- A Survey	Mukesh Dalal
I3CS16-249	Cancer Detection with Prostate Zonal Segmentation- A Review	Gaurav Garg
I3CS16-283	Stepped Impedance Resonator based U-shaped two-element monopole microstrip antenna array	Rakita Shaw
I3CS16-298	The Time of Arrival Statistics for Cellular Communication Using Multiple Concentric Annular Rings of Uniformly Distributed Scatterers	BabuSena Pal
I3CS16-310	Spatial Array of Microwave Sensors for IoT-Based Wireless Connectivity	Seyi Stephen Olokede
I3CS16-311	Miniaturized Microwave Sensor for Internet of Things Wireless Connectivity	Seyi Stephen Olokede
I3CS16-331	Parasitic Effect on Reduced Latency of SoC-Based Big Data	Seyi Stephen Olokede