

2nd International Conference on
Communication, Control & Intelligent System (CCIS-2016)
 21-22 October 2016
 GLA University, Mathura

Day 1 Technical Session details - Friday Nov 2016

1. Session: 11:55-13:25

Session 1: Track A: Wireless Ad hoc, Sensor Network and VANET :		Room No-2011	
<i>Session Chair:</i>			
Paper ID	Paper Title	Author(s)	Affiliation
#3	Comparative Analysis of Propagation Models in LTE Networks with Spline Interpolation	Purnima K Sharma, Dinesh Sharma and Paresh Chandra Sau	VRSEC, Vijayawada (A.P.)
#34	BER analysis of various modulation schemes over GG fading channel for differential dual hop relaying system	Swati Prasad and S Pratap Singh,	GCET, Greater Noida
#35	Automated Irrigation and Fire Alert System based on Hargreaves Equation using Weather Forecast and ZigBee Protocol	Kshitij Sirohi, Aastha Tanwar, Himanshu Dadrah and Poonam Jindal	NIT, Kurukshetra
#53	A Literature Survey on Various Clustering Approaches in Wireless Sensor Network	Shreshtha Misra and Rakesh Kumar	MMM University of Technology, Gorakhpur
#95	Optimization of DSR Routing Protocol in MANET using Passive Clustering	Amit Barve, Ashwin Kini, Onkar Ekbote and Dr. Jibi Abraham	College of Engineering, Pune Maharashtra
#96	Performance Analysis of Cooperative schemes under Total Transmit Power Constraint in Single Hop Wireless Relaying System	Rupali Sinha and Poonam Jindal,	NIT, Kurukshetra

2. Session: 15:50-17:30 Hrs

Session 2: Track B: Image, Signal and Speech Processing

Session Chair:

Paper ID	Paper Title	Author(s)	Affiliation
#4	Analysis of Dual-channel Surface Electromyogram using Second-order and Higher-order Spectral Features	Rinki Gupta and Ankita Kulshreshtha,	Amity University Noida
#48	Nodule detection from Posterior and Anterior chest radio graph Using Circular Hough Transform	Satyasavithri Tirumala and Chayadevi Senigalukuruba	JNTU , Hyderabad
#60	Unbiased two-stage Bilateral and Non-local Approach for MRI denoising	Gurpreet K.Punj	Punjabi University, Patiala
#65	A New Reweight Scheme for Bilateral and Non-local Means Approach for Image Denoising	Ankita Saraf	Punjabi University, Patiala
#129	60 Gbps transmission with reduced power and lower frequency in lightwave systems using negative dispersion optical fiber	Harminder Singh and Atul Mahajan	A.C.E.T., Amritsar
#203	Location based Throughput Gain in Cognitive Radio	Gaurav Verma and O.P. Sahu,	NIT, Kurukshetra

Day 2 Technical Session Details - Saturday 19 Nov 2016

3. Parallel Sessions: 11:40-13:10 Hrs

Session 3: Track B: Image, Signal and Speech Processing		Room no-2014	
Session Chair:			
Paper ID	Paper Title	Author(s)	Affiliation
<u>#99</u>	Automated Computer Vision Method for Optic Disc Detection from Non-uniform Illuminated Digital Fundus Images	Ashish Issac, Namita Sengar, Anushikha Singh, Parthasarathi Mangipudi and Malay Kishore Dutta	Amity university, Noida
#101	Study of Long-Term Quality of Online Signature Verification Systems	Tobias Kutzner, Ingrid Bönninger, Carlos M Travieso Gonzalez, Malay Kishore Dutta and Anushikha Singh	Amity university, Noida
#98	Biometric Data Encryption Using 3-D Chaotic System	Garima Mehta, Malay Kishore Dutta and Pyung Soo Kim	Amity university, Noida
#104	A DETAILED SURVEY AND COMPARATIVE STUDY OF SENTIMENT ANALYSIS ALGORITHMS	Harsha Sinha and Arashdeep Kaur	Amity university, Noida
<u>#108</u>	Biometric Personal Identification System Using Biomedical Sensors	Alain D. Diaz Alonso, Carlos M Travieso Gonzalez, Jesús B. Alonso, Anushikha Singh and Malay Kishore Dutta	Amity university, Noida
<u>#153</u>	A Robust image Watermarking Technique using 2-level Discrete Wavelet Transform (DWT)	Rita Choudhary and Girish Parmar	RTU, Kota

4. Parallel Sessions: 11:40-13:10 Hrs

Session 4: Track B: Image, Signal and Speech Processing		Room No:2015	
Session Chair:			
Paper ID	Paper Title	Author(s)	Affiliation
#109	Automatic Age Detection Based on Facial Images	Verónica Almeida, Carlos M Travieso Gonzalez, Jesús B. Alonso, Malay Kishore Dutta and Anushikha Singh	Amity University, noida
#100	Automated Segmentation of Blood Vasculature from Retinal Images	Varun Gupta, Namita Sengar and Malay Kishore Dutta,.	Amity university, Noida
#102	Real Time Speaker Identification System using Cepstral features	Prof. Sushanta Kumar Sahu, Monalisha Barik and Susanta Kumar Sarangi	College of Engineering and Technology Bhubaneswar
#122	Texture Classification Using Combination of LBP and GLRLM Features Along with KNN and Multiclass SVM Classification	Sourajit Das and Uma Ranjan Jena	Veer Surendra Sai University of Technology Sambalpur,
#204	A New Gender Detection Algorithm Considering The Non-Stationarity of Speech Signal	Mamta Kumari, Nilakshi Talukdar and Israj Ali	KIIT Bhubaneswar
<u>#212</u>	A New Method for Detection of Optical Disc and Macula for Diabetic Retinopathy	Suddha Shakti Goutam Ashe and Israj Ali	KIIT University, Bhubaneswar

5. Sessions: 15:30-17:00 Hrs**Session 5:** Track C: Control, Fuzzy Logic and ANN**Room No: 2011****Session Chair:**

Paper ID	Paper Title	Author(s)	Affiliation
#39	An Optimized Electrothermal Actuated Microgripper for Micro-Robotics Applications	Vijay Rundla and Ajay Khunteta	RTU, Kota
<u>#64</u>	Disturbance Observer Augmented Sliding Mode Control For Mismatched Uncertain System	Almas Ambreen and Ashwini Godbole	All India Shri Shivaji Memorial society College of Engineering, Pune
<u>#112</u>	A TEACHER-LEARNING BASED OPTIMIZATION APPROACH TO TUNE BACKSTEPPING CONTROLLER FOR A SINGLE-LINK FLEXIBLE-JOINT MANIPULATOR	Ayush Bhatnagar, Navtej S. Narula, Vineet Kumar and K.P.S. Rana,	NSIT, New Delhi
<u>#121</u>	Comparative Cost Analysis And Simulation For 1 HP Solar Water Pump	Saurabh Kumar Singh and Subhash Chandra	GLA University, Mathura
<u>#133</u>	Comparison on Behavior of Different Faults in Fuzzy Logic and PID Controlled Switched Reluctance Motor Drives	Nutan Saha, Dibya Swarup Choudhury, Sanjay Kumar Panda and Subhrajit Rath	VSSUT, Burla
#139	Performance Analysis of Kalman Filter, Fuzzy Kalman Filter and Wind Driven Optimized Kalman Filter for Tracking Applications	Khashirunnisa Shaik, Keerti Chand Bhupathi and Leela Kumari Balivada	UCEK, JNTU Kakinada

Day 3 Technical Session Details - Sunday 20 Nov 2016

6. Sessions: 11:10-12:40 Hrs

Session 6: Track D: VLSI Design, SoC and System Optimization Track F: Energy, Power, Transport, Logistics, and Management Techniques Room No:2011			
<i>Session Chair:</i>			
Paper ID	Paper Title	Author(s)	Affiliation
#32	A 40nm CMOS V-band VCO with On-chip Body Bias Voltage Control Technique	Qian Zhou, Yan Han, Shifeng Zhang, Xiaoxia Han, Lu Jie, C.C. Cheung Ray and Guangtao Feng	Institute of Microelectronics and Photoelectronics Zhejiang University, Hangzhou, China
#126	DC and RF Performance Analysis of AlGaIn/GaN Based HEMT	Tanmoy De, Meryleen Mohapatra and A. K. Panda	Siksha 'O' Anusandhan University Bhubaneswar
#152	Programmable Voltage Mode Multifunctional Filter using Modified CMOS Current Controlled Current Conveyor Transconductance Amplifier	Neha Gupta and Dr. P.P. Bansod,	Shree Govindram Seksaria Institute of Technology & Science, Indore
#159	Optimal LFC System of Interconnected Thermal Power Plants using hybrid Particle Swarm Optimization-Pattern Search Algorithm (hPSO-PS)	Niharika Soni, Girish Parmar and Rajesh Bhatt	RTU, Kota
#205	Network Controlled Distributed Energy Management System for Smart Cities	Abhishek Singh, Anuj Kumar and Ashok Kumar	Efficiency of Building Group, CSIR-Central Building Research Institute, Roorkee
#195	Safe, Intelligent Moving Machines (SIMM)	Amit Yadav and Prof. D.K. Chaturvedi,	Faculty of Engineering, DEI Dayalbagh, Agra

7. Sessions: 13:40-15:10 Hrs

Session 7: Track E: Data Mining, High Performance Computing, Cloud Computing, Cryptography, Security and Authentication algorithm
Track B: Image, Signal and Speech Processing

Session Chair:

Room No: 2011

Paper ID	Paper Title	Author(s)	Affiliation
<u>#52</u>	Resource Allocation Strategies used in Cloud Computing: A Critical Analysis	Neeraj Kumar Pandey, Sumit Chaudhary and Dr N K Joshi	Uttaranchal University, Dehradun
<u>#56</u>	Design and Development of low cost Multicore Processor for Parallel Computation	Ankit Bansal and Prerna Saini,	GLA University, Mathura
<u>#151</u>	A Novel Technique to Defend DDOS Attack in MANET	Neha Singh and Rakesh Sharma	Uttarakhand Technical University, Dehradun
#20	SEGMENTATION OF AN IMAGE : A REVIEW	Megha Divakar and Paresh Chandra Sau, Atul Bansal	GLA University, Mathura
#105	Improved Lip Contour Extraction Using K-Means Clustering and Ellipse Fitting	Bhuvan Singh, Swodeep Sahoo, Vikul Kumar, Ashish Issac and Malay Kishore Dutta	Amity University, Noida
#207	Efficient 2nd Order Full Band Digital IIR Integrator Design using Cuckoo Search Algorithm	Sreejith Nair, Kps Rana and Vineet Kumar	NSIT, Delhi
#113	Efficient FIR Filter Designs Using Constrained Genetic Algorithms Based Optimization	Kps Rana, Dr. Vineet Kumar and Sreejith S. Nair	NSIT, Delhi