DAY 1 : THURSDAY, 12 DECEMBER 2013	
8:30 Onwards	**Registration**
9:00 - 10:00	**Inaugration**
10:00 -11:00	**Keynote Talk1: Prof. R.K Shevgaonkar**
11:00 -11:15	**TEA BREAK**
11:15 - 12:45	**Technical Session 1**
	Session-C1.1 : Wireless Communication Systems, Venue: LT-4
	Session Chair: Prof. N. Kalyansundaram, JIIT Noida
	Session Rapporteur: Mr. Abhishek Kashyap & Mr. Amit Singhal
C1.1.1569799209	**Magneto-Optical Surface Plasmon Resonance Structures** Jaromír Pištora; Jaroslav Vlček; Michal Lesňák
C1.1.1569819169	**Performance Comparison of Non- Coherent IR-UWB Receivers** Ranjay Hazra
C1.1.1569822251	**Performance Improvement for Correlated 4x4 MIMO-OFDM Systems by Generalized Prefix Approach** Yusuf Acar; Todor Cooklev; Hakan Dogan; Hakan Yildiz
C1.1.1569826677	**Enhancing the Efficiency of Pulse Shaping in Satellite Communication Systems Using Multirate Filters** Aya Abou- Elkheir; Mohamed Khedr; Maha Sharkas
C1.1.1569822179	**An Energy Efficient Multicast Algorithm for an Adhoc Network using Network Coding and MAC Scheduling** Annapurna D
	Session-V1.1 : VLSI Circuits and Systems, Venue: LT-5
	Session Chair: Prof. B.K. Mohanti, JUET,Guna
	Session Rapporteur: Dr. Sajai vir Singh & Ms. Megha Agarwal
V1.1.1569819485	**Design and hardware development of power window control mechanism using microcontroller** Roushan Kumar; Adesh Kumar
V1.1.1569826417	**Synthesizing 4- Phase Handshaking Protocol Based Power Gating Sequence Logic for GALS architectures** Vasantha Kumar Petta
V1.1.1569818929	**Novel All-pass/ Notch Filter Configuration with Cascadability** Jitendra Mohan
V1.1.1569819541	**Electronically Tunable Voltage- Mode Multifunction Biquad Filter Using Single CCTA** Sajai Vir Singh
V1.1.1569818139	**Effect of temperature dependence on performance of Digital CMOS circuit technologies** Shruti Kalra
V1.1.1569817405	**Effect of Contact Thickness on Electrical Properties of Organic Thin Film Transistors** Shradha Saxena
12:45-13:30	**Keynote Talk2 Prof. Banmali Rawat**
13:30 - 14:00	**LUNCH**
14:00 - 15:30	**Technical Session 2**
	Session-C1.2 : RF Communication Systems-I, Venue: LT-4
	Session Chair: Dr. P.C. Jain, SNU ,Greater Noida
	Session Rapporteur: Mr. Deepender Debas & Mr. Anand Kumar
C1.2.1569818187	**A Microstrip Patch Antenna with Metamaterial and EBG Structures** Anand Kumar; Dinesh Vishwakarma
C1.2.1569818645	**Ultra Wideband Tapered Microstrip Antenna with Modified Ground Plane** Priyanka Jain; Shagun Maheshwari; Manish Kumar; Archana Agrawal
C1.2.1569823535	**Learning Based Spectrum Allocation for Optimizing Transmission Delay, Backoff Rate and Channel Utilization in Cognitive Radio Networks** Padmashree Ambare; Prem Nath Suman; Atul Rathore; Akhilesh Jain
C1.2.1569818781	**M-Sequence UWB Radar for Three Dimensional Through-the-wall-Imaging** Kishore Kumar; Kishore T
C1.2.1569818997	**Analysis of Low Cost Beamforming Techniques for LMS Communication Rx Terminal** Pankaj Gupta; J Hota
C1.2.1569803913	**Software based Precise Positioning for Indoor and Outdoor Environment** Arul Elango

	Session-S1.2: DSP System Implementation, Venue: LT-5	
	Session Chair: Dr. Sanjay Goyal, JIIT Noida	
	Session Rapporteur: Dr. Puli Kishore Kumar & Ms Shipra Kapoor	
	S1.2.1569800731	**A Design Method Using a Set of Objective Functions for Near-Perfect Reconstruction Filter bank Based Transmultiplexer for Onboard Transparent Processor** Neeraj Mishra;Pramod Mishra; Himanshu Shah;Alak Banik
	S1.2.1569818291	**DFT Implementation Aspects and Techniques suitable for VLSI Implementation: A Survey** Tanuj Chauhan; Vikram Karwal
	S1.2.1569819425	**Design of Frame Buffer for 1 THz Energy Efficient Digital Image Processor based on HSLVDCI I/O Standard in FPGA** Pooja Saigal; Bishwajeet Pandey; Ekta Walia Bhullar
	S1.2.1569821355	**Windowed r-point Update Algorithm for Discrete Fourier Transform** Adarsh Srivastava; Vikram Karwal
	S1.2.1569819343	**SSM Wavelets for Analysis of Music Signals usingParticle SwarmOptimization** Sinith M.S.; Shikha Tripathi; Kvv Murthy
15:30 -16:15	**Keynote Talk3 Prof. Jaromír Pištora**	
16:15 - 16:30	**TEA BREAK**	
16:30 -17:30	**Poster Session Inauguration**	

DAY 2 : FRIDAY , 13 DECEMBER 2013		
9:00 - 9:45	Keynote Talk4 : Prof. Kiseon Kim	
9:45 - 11:00	Technical Session 3	
	Session-C2.3 : Communication Systems - Hardware Implementation , Venue: LT-4	
	Session Chair: Mr. Chandrasekaran Natarajan, DARE, Bangalore	
	Session Rapporteur: Ms Priyanka Kwatra & Dr. Vipin Valyan	
	C2.3.1569802369	**THz Band Nanoantennas for Future Mobile Communication** Banmali S. Rawat; Anupama Bhat; Jaromír Pištora
	C2.3.1569825865	**Effect of Mutual Coupling in E and H plane on Microstrip Antenna Array Conformal on Cylindrical Surface** Samir Dev Gupta
	C2.3.1569819571	**A Novel Multi band notched Octagonal Shaped Fractal UWB Antenna** Shrivishal Tripathi; Akhilesh Mohan; Sandeep Yadav; Vivek Vijay; Ambesh Dixit
	C2.3.1569819655	**Implementation of Sphere Decoder with Early Termination using FPGA** Abha Chauhan; Rajesh Mehra
	C2.3.1569821473	**Multilayered Stacked Broadband Microstrip Patch Antenna** Ajay Singh
	Session-S2.3: Video and Image Processing-I, Venue: LT-5	
	Session Chair: Dr. J.Lee, Chosun University, South Korea	
	Session Rapporteur: Mr. Pushpendra Singh & Mr. Kapil Dev Tyagi	
	S2.3.1569819597	**Moment based wavelet filter design for fingerprint classification** Shachi Sharma
	S2.3.1569819603	**Directional Approach And Modified Self- Adaptive Ant Colony Optimization For Edge Detection** Deepak Sindhu
	S2.3.1569819915	**Robust Language And Speaker Identification Using Image Processing Techniques Combined With PCA** Deepak Joshi
	S2.3.1569820447	**Improved Directional Local Extrema Patterns as a Feature Vector for CBIR** KoteswaraRao L; Dhulipalla Venkata Rao; Rohini P
	S2.3.1569825085	**Novel Signal Processing Approach for Gait Based Human Identification System** Amit Singhal; Brejesh Lall
11:00 -11:15	TEA BREAK	
11:15 - 12:45	Technical Session 4	
	Session-C2.4 : Communication Networks, Venue: LT-4	
	Session Chair: Prof. Nagayoshi Morita, Japan	
	Session Rapporteur: Ms Raaziyah Shamim & Mr. Abhishek Kashyap	
	C2.4.1569802409	**Optical Communication Networks for Industrial Applications** Banmali S. Rawat; Sanathanan Thangaraj; Jaromír Pištora
	C2.4.1569818967	**A Novel CMOS Current Bleeding Mixer based on Inductive Degeneration** Irshad Mohd
	C2.4.1569815927	**Selective Soft Handover Calls Drop for OVSF based CDMA Networks** Vipin Balyan
	C2.4.1569818047	**Multiple Aggregator Multiple Chain Routing Protocol for Heterogeneous Wireless Sensor Networks** Harichandan Pulagam; Ashish Jaiswal; Sunil Kumar
	C2.4.1569818289	**ARQ Protocol Studies In Underwater Communication Networks** Priyanka Kwatra

	C2.4.1569818783	**Wireless LAN (WLAN) Spoofing Detection Methods- Analysis and the victim Silent case** Shikha Goel; Vijender Kaushik
		Session-S2.4: Audio and Speech Processing , Venue: LT-5
		Session Chair: Prof. Arun Kumar, IIT Delhi
		Session Rapporteur: Ms. Priyanka Kwatra & Ms. Megha Agarwal
	S2.4.1569819017	**Non-intrusive Objective Speech Quality Assessment using a Combination of MFCC, PLP and LSF Features** Rajesh Kumar Dubey; Arun Kumar
	S2.4.1569819123	**Design and Implementation of an Automatic Speaker Recognition System using Neural and Fuzzy Logic in Matlab** Shivam Jain; Preeti Jha
	S2.4.1569819337	**Performance Analysis of wavelets using unspoken words Recognition** Neeraj Bagri
	S2.4.1569820567	**Multiresolution Technique to Handwritten English Character Recognition Using Learning Rule and Euclidean Distance Metric** Dileep Patel; Tanmoy Som; Manoj Singh
	S2.4.1569822201	**Active Contour Model via Multiswarm PSO with Fuzzy Rule-based Adaptation of Inertia Factor** Ajay Khunteta; Debashis Ghosh
12:45-13:30		**Keynote Talk5 Prof. Surendra Prasad**
13:30 - 14:00		**Lunch**
14:00 - 15:30		**Technical Session 5**
		Session- C2.5: RF Communication Systems-II, Venue: LT-4
		Session Chair: Dr. B.K. Kannaujia, AIT, New Delhi
		Session Rapporteur: Mr. Deepender Debas & Mr. Anand Kumar
	C2.5.1569798951	**GPU Accelerated FDTD Solver Algorithm for Radiation from MMIC Passive Components** Nagayoshi Morita
	C2.5.1569827175	**Bandwidth Enhancement using Small Triangles on Sierpinski Fractal** Monika Singh
	C2.5.1569822647	**Orthogonal Spacetime Block Coding for Wireless Sensor Networks: Performance Results** Vibhav Kumar Sachan; Syed Imam
	C2.5.1569826219	**Performance & Probability Analysis of Lightweight Identification Protocol** Manju Lata; Adarsh Kumar
	C2.5.1569820653	**Design and Analysis of Subsystems for Concurrent Dualband Transceiver for WLAN Applications** Brijesh Iyer; Amarjit Kumar; Nagendra Prasad Pathak
	C2.5.1569824469	**Comparison of Coded-BOC and Uncoded BOC Modulation for Radionavigation** Rahul Kaushik, R.C.Jain
		Session-S2.5: Signal Processing for Systems Analysis, Venue: LT-5
		Session Chair: Dr. Vikas Saxena, JIIT, Noida
		Session Rapporteur: Mr. Bhartendu Chaturvedi & Mr. Pushpendra Singh
	S2.5.1569819535	**Designing of Speaker Based Wavelet Filter** Saurabh Jain
	S2.5.1569820927	**New Speech Enhancement Using Gamma tone Filters and Perceptual Wiener Filtering Based on Sub banding** Kishore Odugu
	S2.5.1569824443	**A Single Pass, High Throughput Reversible Watermarking Scheme for Audio based on Redundant Embedding** Ruchira Naskar; Ashok Raju; Rajat S Chakraborty
	S2.5.1569817985	**An Efficient Hybrid Adaptive Pulse Compression Approach to Radar Detection** Vikas Baghel; Ankita Panda; Ganapati Panda
	S2.5.1569819539	**An Overview of Methods for Snow Stratigraphy Studies** Kapil Dev Tyagi; Arun Kumar; Rajendar Bahl
	S2.5.1569826033	**Direction Of Arrival (DOA) Estimation Using High Resolution Algorithms: MUSIC And Pisarenko Methods** Khalaf Taha
15:30 - 16:15		**Keynote Talk6 Prof. A.B Bhattacharya**
16:15 - 16:30		**TEA BREAK**
16:30 -17:30		**Poster Session**

DAY 3 : SATURDAY , 14 DECEMBER 2013		
9:00 - 9:45	Keynote Talk7 Prof. Sneh Anand	
9:45 - 11:00	Technical Session 6	
	Session-S3.6: Video and Image Processing-II, Venue: LT-4	
	Session Chair: Dr. Vikram Karwal, JIIT Noida	
	Session Rapporteur: Mr. Bhartendu Chaturvedi & Mr. Alok Joshi	
	S3.6.1569820555	Investigation: Use of Electrocardiogram as a Biometric over Longer Time Period Prashant Gawande
	S3.6.1569803897	Low Power Reconfigurable FIR Filter Based on Window Techniques for On Chip Network Rainy Chaplot;Anurag Paliwal
	S3.6.1569822375	Video Object Segmentation based on Adaptive Background and Wronskian Change Detection Model Deepak Panda
	S3.6.1569822155	A Hybrid Model for Extraction of Brain Tumor in MR Images Ankit Vidyarthi
	S3.6.1569826435	Dichotomous Exponential Entropy Functional and Its Applications in Medical Diagnosis Amit Srivastava; Akhilesh Singh; Shikha Maheshwari
	Session-V3.6 : Microelectronic Devices, Venue: LT-5	
	Session Chair: Dr. R.K. Dwivedi, JIIT Noida	
	Session Rapporteur: Dr. Jitendra Mohan & Mr. Satyendra Kumar	
	V3.6.1569824893	CNTFET: The Emerging Post- CMOS Device Sanjeet Sinha
	V3.6.1569830639	Drive Matching Issues in Multi Gate CMOS Inverter Gaurav Kaushal
	V3.6.1569819637	Read SNM Free SRAM Cell Design in Deep Submicron Technology Satyendra Kumar
	V3.6.1569821551	Implementation of Rectangular Windowed Odd Discrete Cosine Transform Update Algorithm Using Distributed Arithmetic Approach Shamim Akhter; Vikram Karwal; R.C.Jain
11:00 -11:15	TEA BREAK	
11:15 - 12:00	Keynote Talk8 Prof. V.K.Jain	
12:00 - 13:30	Technical Session 7	
	Session-C3.7 :OFDM, Cognitive Radio and Co-operative Communication Systems, Venue: LT-4	
	Session Chair: Dr. Krishna Gopal, JIIT Noida	
	Session Rapporteur: Ms Shipra Kapoor & Ms. Raaziyah Shamim	
	C3.7.1569804437	Rural Wireless Broadband Internet Access in Wireless Regional Area network using Cognitive Radio Prem Chand Jain
	C3.7.1569818941	Phase Rotated ICI Self-Cancellation Scheme with Frequency Diversity for OFDM Systems Ashish Goel
	C3.7.1569818957	New Paradigm Shift in Wireless Communication Networks─ Cognitive Radio Shipra Kapoor
	C3.7.1569826545	Joint Chunk, Power and Bit Allocation in OFDMA Based LTE Systems Pankaj Yadav; Vivek Dwivedi; Vikram Karwal; Gaurav Kumar
	C3.7.1569821087	Pulse Shaped Spectrum Sharing in Cognitive Radio Juhi Gupta; Vivek Dwivedi
	C3.7.1569826605	Security in Mobile Wireless Networks Amin Al-Ka'bi

C3.7.1569822205	**Multiband fractal antenna design for Cognitive Radio Applications** Peshal Nayak; Sudhanshu Verma; Preetam Kumar
Session-S3.7: Video and Image Processing-III ,Venue: LT-5
Session Chair: Dr. Krishna Kant, JIIT Noida
Session Rapporteur: Mr. Amit Singhal & Mr. B Suresh
S3.7.1569806595	**A Simple Approach for Image Enhancement using New Power-Law Transformation Operators** Om Verma;Nitesh Gill; Pooja Gupta; Megha
S3.7.1569819305	**Vehicle Registration Plate Recognition System Using Template Matching** Savita Dabas; Savita Goel
S3.7.1569820277	**Design & Implementation of a Novel Cognitive Character Recognition Technique** Kaiser J. Giri; Rumaan Bashir
S3.7.1569826579	**Different Denoising Techniques for Medical Images in Wavelet Domain** Smriti Bhatnagar; Roop C Jain
S3.7.1569826547	**Assessment of Different Change Vector Analysis Techniques over Rugged Terrain MODIS Sensor Satellite Imagery** Sartajvir Singh
S3.7.1569815861	**Refinder** Ajit Samasgikar
13:30 -14:30	**Valedictory Session**
14:30	**LUNCH**