

**INTERNATIONAL CONFERENCE ON
RECENT INNOVATIONS IN SIGNAL – PROCESSING & EMBEDDING – SYSTEM**

RISE (2017)

Technical session – 1 (Image Processing)

Venue : Viceroy Hall

Date : 27/10/2017

Time : 02:30 PM – 04:00 PM

Paper ID	Paper Title	Authors
116	Safety Box on Vehicle's Front for Striking Object	Yashwant Kurmi,
123	Brain Tumor Detection and Classification in MRI Images using Image and Data Mining	Saumya Chauhan,
131	Denoising Techniques for Low Intensity Fluorescence Signal of DNA Microarrays	Rohit Sharma
233	A unified framework for the recognition of raised finger in a static hand posture	Dinesh Vishwakarma
206	Partial Encryption of Medical Images by Dual DNA Addition using DNA Encoding	Kiran P
145	Comparison of LSB Methods and Pattern	Jyoti Bharti,

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RISE (2017)

Technical session –2 (VLSI)

Venue:Emperor Hall

Date : 27/10/2017

Time : 02:30 PM – 04:00 PM

Paper ID	Paper Title	Authors
83	Analyzing Multi- core Cache Coherence Protocols from Energy and performance perspective	Amit D. Joshi
29	A Low-Power High-Speed 16T 1-Bit Hybrid Full Adder	Priya Agrawal
48	Design and Analysis of Reversible Multiplexer/Demultiplexer using R gates	Rita Jain
55	IMPLEMENTATION OF LEAKAGE REDUCTION TECHNIQUES IN FINFET BASED 3T DRAM BASED AT 45 NM TECHNOLOGY	Bharat Tripathi
56	IMPACT OF NBTI ON 8T FINFET BASED SRAM CELL	Saurabh Khandelwal,
63	Compact Chaotic Oscillator Using 180nm CMOS technology for its use in True Random Number Generator	Monika Priya

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RISE (2017)

**Technical session – 3 (Wireless Comm)
Venue : Sadat Hall**

Date : 27/10/2017

Time : 02:30 PM – 04:00 PM

Paper ID	Paper Title	Authors
13	Asynchronous Pilot Transmission with Pilot Sequence Hopping for Improved Channel Estimation in Massive MIMO System	Amrita Ruperee
28	QOS Parameter Comparison of DiffServ-Aware MPLS Network Using IPv4 and IPv6	Asma Mushtaq
68	Deepa Mehta, Indu Kashyap and Sherin Zafar	Deepa Mehta
72	ARA-MAC: Attacker Identification Using Logistic Regression	Dr.Piyush Kumar Shukla.
75	Extending OSGi bundle level resource monitoring for implementation portability	Jaison Jose
88	Failure Detection on Wireless Sensor Network Based on Comparative Study	Ali Al Dahoud

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RISE (2017)**

Technical session – 4 (Communication System)

Venue : Sadat Hall

Date : 28/10/2017

Time : 10:00 AM - 11:30 AM

Paper ID	Paper Title	Authors
104	A Review of Different Optimisation Algorithms for a Linear Phase FIR Filter	Neelam Singh
106	WSN Assisted Modulation Detection with Maximum Likelihood Approach, Suitable for Non-Identical Rayleigh Channels	Sudhanshu Arya
129	On the Performance of DF based Mixed Triple-Hop RFFSO- RF Cooperative System	Sanya Anees
146	Software Defined Radio Based Receivers Using RTL - SDR: A Review	Madhuram Mishra
150	Vehicle Detection and Identification In An Unconstrained Environment	Poonam Sharma
190	An Improved Resource Allocation Algorithm for OFDM Overlay Cooperative Cognitive Radio Network	Sajal Dwivedi

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RISE (2017)

Technical session – 5 (VLSI)

Venue : Dewan-e-khas

Date : 28/10/2017

Time : 10:00 AM - 11:30 AM

Paper ID	Paper Title	Authors
78	Nanoelectronics and Positron Diffusion Study of Zn _{1-x} Cu _x O Thin	Vandana Rathore
80	Design of Current Starved Voltage Control Oscillator with Band Gap Reference in 0.18 μ m CMOS Process	Vrushali Nasre.
85	High gain analog cell using biasing technique via gate and body terminals	Shikha Soni,
102	LOW POWER TEST PATTERN GENERATOR WITH MODIFIED CLOCK FOR BIST	Bharti Moryani
103	A Low Power Square-Wave Generator with Wide Tuning Range for Instrumentation Applications	Rakesh Tirupathi
110	A low power, low phase noise wide tuning LC VCO with varactor bank	Shephali Singh

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RISE (2017)

Technical session – 6 (Image Processing)

Venue : Viceroy Hall

Date : 28/10/2017

Time : 10:00 AM - 11:30 AM

Paper ID	Paper Title	Authors
16	Estimating vital signs through non-contact video-based approaches: A Survey	Ruchika Sinhal,
229	Analysis of Shape Alignment using Euclidean and Manhattan Distance Metrics	Rohit Kumar
27	Moving Object Detection Using Self Adaptive Gaussian Mixture Model for Real Time Applications	Syed Tariq Ali
89	PALMPRINT RECOGNITION USING BINARY WAVELET TRANSFORM AND LBP REPRESENTATION	Pawan Dubey,
133	Grape Leaf Disease Detection and classification Using Multi-class Support Vector Machine	Nitesh Agrawal
143	Color Image Segmentation Using Hierarchical Merge Tree	Madhulika Shah

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RISE (2017)**

Technical session – 7 (Communication System)

Venue : Sadat hall

Date : 28/10/2017

Time : 11:45 AM – 01:30 PM

Paper ID	Paper Title	Authors
191	Impulse Noise Removal with Zero's padding by Median Based Adaptive Filter	Prashant Goyal
172	Design of Patch Antenna with Omni directional radiation pattern for wireless LAN applications	Devi Punniamoorthy
202	DESIGN OF DUAL BAND AND DUAL MODE MICROSTRIP PATCH ANTENNAN FOR USING WIRELESS COMMUNICATION	Ramnaresh Pal
9	Multiband 2×1 annular ring microstrip antenna with Defected ground structure for c and ku band	Neha Rhangdale
122	A Printed Multi- Frequency Monopole Antenna for WLAN/Wi-MAX Systems	Kuldeep Singh Thakur
219	2X2 Microstrip Patch Antenna Array Fed by Substrate Integrated Waveguide for Radar Applications	Chandan Baranwal

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RISE (2017)**

Technical session – 8 (Computer App)

Venue : Deewan-e-khas

Date : 28/10/2017

Time : 11:45 AM – 01:30 PM

Paper ID	Paper Title	Authors
57	A Review of Federated Identity Management of OpenStack Cloud	Rohit Shere
92	A Generalized method for Securing the Cloud	Nagesh Salimath
93	An IoT Based Low Cost Air Pollution Monitoring System	Gagan Parmar,
113	A Novel Approach for Decomposition of Financial Time Series	Anjali Gautam
161	ANALYSIS OF PRIVACY PRESERVING MECHANISMS FOR OUTSOURCED DATA MINING	Khushbu Agrawal
174	Usability Improvement with Crop Disease Management as a Service	Komal Raikar.
212	Solar Photovoltaic Remote Monitoring System Using IOT	Ankit Kekre

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RISE (2017)**

Technical session – 9 (Image Processing)

Venue : Viceroy Hall

Date : 28/10/2017

Time : 11:45 AM – 01:30 PM

Paper ID	Paper Title	Authors
164	Automatic Traffic Sign Detection and Recognition Using Moment Invariants and Support Vector Machine	Rahul Chaurasiya
26	Classification of hazy and non-hazy images	Saurabh Shrivastava
39	A New Way to Enhance Efficiency & Security by using Symmetric Cryptography	Aumreesh Saxena
41	A Review on Various Image Fusion Algorithms	Nivedita Jha
45	Transform Based Image Denoising:A Review	Nidhi Soni
46	Review of image compression techniques	Abhipriya Singh

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RISE (2017)**

Technical session – 10 (Computer Application)

Venue : Sadat Hall

Date :28/10/2017

Time : 02:30 PM – 04:00 PM

Paper ID	Paper Title	Authors
98	Unique-ID Based Channel Hopping Rendezvous Algorithm for Cognitive Radio Ad Hoc Networks	Aishwarya Ukey
141	A Review on Intrusion Detection System in Mobile Ad-Hoc Network	Aumreesh Saxena
142	Combating against Wormhole Attack in Trust and Energy Aware Secure Routing Protocol (TESRP) in Wireless Sensor Network	Ranu Shukla,
175	Online Career Counseling System using Adaptive e-Learning	Kazi M
177	Design and Development of E-Farm with S.C.H.E.M.E.	Samruddhi Khandare
178	IoT Based Control and Automation of Smart Irrigation System	Yeshika B
217	A Survey of Autonomous Mobile Robot Path Planning Approaches	Anantha Sai

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RISE (2017)**

Technical session –11 (Image Processing)

Venue : Viceroy Hall

Date : 28/10/2017

Time : 02:30 PM – 04:00 PM

Paper ID	Paper Title	Authors
47	A Survey on Shadow Detection and Removal in Images	Rakesh Kumar Das
58	Performance Comparison of Various Filters for Removing Different Image Noises	Prashant Dwivedy,
76	An EMD based approach for discrimination of Apnea and Normal EEG Signals	Sumit Kumar Yadav,
87	A Novel Method for the Extraction of Primary Visual Features from an image through Intelligent Feature Descriptors	Abhinav Deshpande
101	Improved BEMD data hiding Scheme	Shuchi Agarwal
114	Bidimensional empirical mode decomposition based image fusion	Himanshu Sainthiya

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RISE (2017)

Technical session – 12 (VLSI)

Venue : Deewan-e-khas

Date : 28/10/2017

Time : 02:30 PM – 04:00 PM

Paper ID	Paper Title	Authors
183	Implementation of 16X16 SRAM Memory Array	Himanshu Banga
120	Realization of MEMS-based Silicon Cantilever using Bulk Micromachining	Devika Kataria
198	Design of 0.18nm cmos linear temperature sensor	Sandeep Joshi
187	FPGA-based beat detection of ECG signal using Histogram approach.	Akanksha Agrawal
210	Implementation of Blowfish Algorithm using Reconfigurable Platform	Shraphalya Nalawade
228	Design of a 2.4-GHz Differential Low Noise Amplifier using 180nm technology	Nandini Shrivastava
235	Stochastic Model Analysis for Hes1/Mir-9 Brain Cell Division System	Vandana Sikarwar

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RISE (2017)

Technical session – 13 (VLSI)

Venue : Deewan-e-khas

Date : 29/10/2017

Time : 10:00 AM - 11:30 AM

Paper ID	Paper Title	Authors
115	A Wide Tuning Range Voltage Controlled Ring Oscillator Using Injection Locking	Narendra Singh Dhakad
126	Low Power High Speed 1-bit Full Adder Circuit design at 45nm CMOS Technology	Ashish Yadav,
127	Single Bit -Line 10T SRAM cell for Low power and High SNM	Himanshu Banga
132	SWITCHED-CAPACITOR FILTER DESIGN FOR ECG APPLICATION USING 180nm CMOS TECHNOLOGY	Nitin Singh
134	Low Power, Low Phase Noise Current Reuse 2.45 GHz LC Oscillator with MOS Resistor	Deepak Agarwal.
157	Analysis of Delay of Dynamic Comparator	Salman Ulhaq
155	Physical Design, Implementation and FFT analysis of multistage Differential Amplifiers Circuits using C5 Process for deep submicron CMOS	<u>Ayoush Johari,</u>

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RISE (2017)**

Technical session – 14 (Communication System)

Venue : Sadat Hall

Date : 29/10/2017

Time : 10:00 AM – 11:30 AM

Paper ID	Paper Title	Authors
12	Broad Band Low Noise Amplifier for Wireless Application Using Double Order Gain Flatting and Inductive Feedback Technique	Zeenal Aafreen Khan,
30	Region Based Error Rates Computations for SQAM	Dharmendra Sadhwani
37	Modeling and Simulation of Solid State Power Amplifier for Mobile Communication	Shatrughna Prasad yadav
42	Analysis of Signal Processing based Spectrum Sensing Practices in Cognitive Radio: A Review	Bhoopesh Kumar Kumawat.
54	Comparative analysis of FEC Subsystem in Fixed Satellite Broadcasting Standards	Abha Jain
99	A Low-complexity Suboptimal Algorithm for Joint Resource and Subcarrier Assignment in Downlink OFDMA System	Satyendra Singh Yadav
65	Performance Analysis of Data Distribution Service on Error Prone Channels	M Irfan Ahmad

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RISE (2017)

**Technical session – 15 (Image Processing)
Venue : Viceroy Hall**

Date : 29/10/2017

Time : 10:00 AM - 11:30 AM

Paper ID	Paper Title	Authors
154	Comparative Study of AES, RSA, Genetic, Affine Transform with XOR Operation, And Watermarking for Image Encryption	Shahbaz Soofi,
158	Comparative study of DWT, DCT, BTC and SVD Techniques for Image Compression	Shahbaz Soofi
162	A Copy-Move Forgery Detection System Using Approximation Image Local Binary Pattern	Daljeet Kaur Kalsi
165	Digital Video Stabilization- Review with a Perspective of Real Time implementation	Mohammed Ahmed
185	Hybrid DCT-DHE Approach for Enhancement of Low Contrast Underwater Images	Nisheeth Dubey,
19	Gaussian Kernel Filtering For Video Stabilization	Paresh Rawat

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RISE (2017)

Technical session – 16 (Image Processing)

Venue : Viceroy Hall

Date : 29/10/2017

Time : 11:45 AM – 01:30 PM

Paper ID	Paper Title	Authors
147	Encryption based on Cell Shuffling and Scanning Techniques	Chandra Prakash Singar
151	Pixel based satellite image fusion using dual-tree complex and Curvelet transform	Pallavi Chaudhari
152	Comparative Study of MSVD,PCA, DCT, DTCWT, SWT and Laplacian Pyramid Based Image Fusion	Prashant Dwivedy
213	Empirical Wavelet Transform Based Pre-processing and Entropy Feature Extraction from Glaucomatous Digital Fundus Images	Bhupendra Kirar
218	Feedback Particle Filter Based Image Denoiser	Harish Kumar
67	A Novel Method of Model Reduction in Linear Systems Using Big Bang Big Crunch Optimization And Routh Pade Approximant	Priyanka Thakur

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RISE (2017)

Technical session – 17 (VLSI)

Venue : Deewan-e-khas

Date : 29/10/2017

Time : 11:45 AM – 01:30 PM

Paper ID	Paper Title	Authors
239	Embedded system for automatic real time weight based grading of fruits	Subir Kumar Chakraborty
90	Cuffless Blood Pressure Monitoring using PTT and PWV Methods	Biswajit Mishra
199	A Comparative Performance Analysis of CMOS XOR XNOR Circuits	Trapti Sharma
225	An Approach of Re-clustering Using WCA in DSR and OLSR Routing Protocols in MANET	Mahesh Gochar
234	CLOUD COMPUTING: A JUXTAPOSITIONING WITH GRID COMPUTING	Tasneem Bano Rehman
22	Radiation Hardened by Design technique to mitigate Single Event Transients in Combinational logic Circuits	Tokala Vinay Reddy

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Technical session – 18 (Computer Applications)

Venue : Sadat Hall

Date : 29/10/2017

Time : 11:45 AM – 01:30 PM

Paper ID	Paper Title	Authors
149	Novel Audio Feature Set for Monophonic Musical Instrument Classification	Shubham Bahre
227	Melody Extraction in Noisy Music of Different Genre	Bittu Kumar
156	PERFORMANCE ANALYSIS OF ROUTING PROTOCOL BASED ON SOJOURN TIME IN MANET	Shruchi Jain,
179	Survey on Website Evaluation Tools	Sushopti Gawade
135	Speaker Verification Using Mel-Frequency Cepstrum Coefficient And Linear Prediction coding	Shubhangi Agrawal
203	Area optimized Negative charge pump for localised body biasing in FDSOI	Arpit Jain