DATI	DATE: 19th Oct. 2012 (TRACK: T1, SESSION: S1)	
33	Two-Channel Monopulse Tracking Receiver for Onboard Antenna Tracking System	
	Pankaj kr Gupta, Ramesh Vaghela, K A Bhatt and S S Valdiya	
200	A Novel CPW-FED Circular Square-Corner Fractal Antenna with Varying Notch-Band for UWB	
	Applications	
	Kailas K. Sawant, Raj Kumar and Arun N. Gaikwad	
252	Slotted Patch Antennas with EBG Structure for ISM Band	
	Priti N. Bhagat and V. B. Baru	
294	Channel Capacity of Adaptive Receivers with L-SC Systems in κ-μ Fading Channels	
	Rupaban Subadar and Aheibam Dinamani Singh	
295	Broadband Proximity fed Modified Rectangular Microstrip Antenna	
	Amit A. Deshmukh, Vivek D., Darpan S., Sagar K. and K. P. Ray	
415	Dualband Notch Loaded Semi-circular Disk Microstrip Patch Antenna	
	Ashish Singh, J. A. Ansari, Kamakshi, Anurag Mishra and Mohd. Aneesh	
58	Eliminating Interference on TV Transmitter due to adjacent FM transmitter by using an Intermediate	
	Frequency Filter	
	Ravi Prakash, Swati Lamdharia and Ganesh Chandra Deka	
162	Study and Design of Target Tracking and AntiMissile Launching by Amplitude Comparison Monopulse	
	Radar Tracking using Matlab	
	Umang Patel, Rahul Petkar, Durvijay Sharma and Sonal Vazirani	

DATI	DATE: 19th Oct. 2012 (TRACK: T2, SESSION: S2)	
62	Word Boundary Detection of BODO and RABHA Language using Energy and Pitch Control Aanalysis	
	Talukdar Jyotismita, Talukdar Pran Hori and Deka Ganesh Chandra	
130	Speaker Identification using Feature Vector Reduction of Row Mean of Different Transforms	
	H. B. Kekre and Vaishali Kulkarni	
291	Pitch Detection in Time and Frequency Domain	
	Savitha S Upadhya	
358	DSP Based Improved Speech Recognition System	
	Swapnil D. Daphal and Sonal K. Jagtap	
380	Comparative Evaluation of Transform Domain Speech Compression Techniques	
	Mohammad Arif and R. S. Anand	
203	Karaoke Machine Implementation and Validation Using Out of Phase Stereo Method	
	Nirmal R. Bhalani, Jaikaran Singh and Mukesh Tiwari	
55	Contour-Traversal Based Algorithm for Insertion of Virtual Advertisements in Videos	
	Akshay Hegde, Deepa Anil Kumar and Gowri Srinivasa	
72	Varous Techniques for Low Bit Rate Video Coding	
	Sangeeta Mishra and Sudhir Sawarkar	

DATE	DATE: 19th Oct. 2012 (TRACK: T3, SESSION: S3)	
318	Trust Framework for Calculating Security Strength of a Cloud Service	
	Rizwana Shaikh and M. Sasikumar	
346	Architectural Framework for Diffused Cloud	
340	Sukhada Bhingarkar, Bharati Ainapure, Ravi Iyer, Aditya Ambre, Prasanna Deolankar and Deven Shah	
403	Amanda Back-up of SQLite	
403	Prithviraj Patil, Santosh Bhutkar, Nachiket Ashtaputre and Ashish Kumar	
406	Distributed Verification Protocols for Data Storage Security in Cloud Computing	
400	Priodyuti Pradhan, P. Syam Kumar, Gautam Mahapatra and R. Subramanian	
414	'Robot-Cloud': A Framework to Assist Heterogeneous Low Cost Robots	
414	Rajesh Doriya, Pavan Chakraborty and G. C. Nandi	
329	Graph Based Forecasting for Social Networking Site	
329	Sanam Kadge and Gresha Bhatia	
369	TORRENTZSHARE: Search and Recommendation of torrents	
309	Damini Kapse, Ritesh Mittal, Manali Jiwtode and Prachi Gharpure	
383	CVPD: A Tool Based on a Social Network Analysis to Combating Viruses Propagation	
363	Seema Mishra, Udit Agrawal and G C Nandi	

DATI	DATE: 19th Oct. 2012 (TRACK: T4, SESSION: S4)	
13	Low Power Random Number Generator using Single Electron Transistor	
	Swamit Tannu and Abhishek Sharma	
67	Reversible Implementation of Novel Multiply Accumulate (MAC) Unit	
	Swaraj Raman M, Arun Kumar K and Srinivas Reddy K	
71	Low Leakage Nanoscaled Body on Insulator FinFET with Underlap and high K Dielectric	
	Sarika Bukkawar and Nisha Sarwade	
120	FVF based CDTA and Its Application	
	Mohammad A Maktoomi, Muzaffar A Siddiqi and M Prem Pyari	
131	A Low Power High Speed Dual Data Rate Acquisition System using FPGA	
	Abhishek Tiwari	
190	Ternary SRAM for Low Power Applications	
	Jayashree H V and Sai Shruthi V P	
224	Photonic Crystal Devices for Optical Networks	
	Asha K.A, R.D Patne and Jyothi Digge	
402	Mitigation of Simultaneous Switching Noise on EBG planes using Firefly Algorithm	
	Priya Ranjan Pani, Raj Kumar Nagpal, Rakesh Malik and Nisha Gupta	

DATI	DATE: 19th Oct. 2012 (TRACK: T1, SESSION: S5)	
296	Analysis of Stub loaded Equilateral Triangular Microstrip Antennas	
	Amit A. Deshmukh, Pranali S., Nikita G., Monika K. and K. P. Ray	
267	Satellite Positioning Simulation System	
	Pranali Pisolkar, Sneha Parmar, Chitra Poojari and Dhananjay Kalbande	
149	Designing of Radar Systems for Passive Detection and Ranging : Target Aquisition Without Transmission	
	Parthasarathy P. Iyer	
169	Development of Vehicle Tracking System using Passive Sensors	
	Pranali Choudhari	
391	Multi Resolution Signal Analysis Using Improved Wigner Ville Distribution	
	Azeemsha Thacham Poyil and Nasimudeen K M	
167	Mixed-Signal Convolutional Encoder for a MB-OFDM Transmitter	
	Rupam Das, Asok Kumar, Mrinmoy Sarkar, Soumyadep Dutta and Vivekananda Mukherjee	
312	Enhanced Traffic Aware LSP Selection Method in MPLS Networks	
	Ravindra Kumar Singh, Narendra. S. Chaudhari and Kanak Saxena	
396	Performance Analysis of Optical Burst Switching (OBS) Network using Fiber Delay Line: A Simulation	
	Approach	
	Vinay Chamola, Manoj Kr. Dutta and V. K. Chaubey	
85	Effective Energy Efficient Communications in Wireless Sensor Networks for Multiplicity of Environment	
	Mrinal Kanti Debbarma, Alak Roy and Sudipta Roy	
86	Energy Efficient Cluster Based Routing in MANET	
	Alak Roy, Manasi Hazarika and Mrinal Kanti Debbarma	

D 4 707	E 101 O 1 2012 (ED 101 ES CECTON CO
	E: 19th Oct. 2012 (TRACK: T2, SESSION: S6)
28	Speaker Recognition using Vector Quantization by MFCC and KMCG Clustering Algorithm
	H. B. Kekre, V. A. Bharadi, A. R. Sawant, Onkar Kadam, Pushkar Lanke and Rohit Lodhiya
91	Video Retrieval using Singilar Value Decomposition and Latent Semantic Indexing
	Kalpana S. Thakare, Archana M. Rajurkar, Deepa Deshpande and Ramchandra Manthalkar
50	An Affine Combination of Two Time Varying LMS Adaptive Filters
	Abdullah Md Kaleem and A. I. Tamboli
342	Optimization of IIR Digital filters using Particle Swarm Optimization
	Ranjit Singh and Sandeep K. Arya
352	Design and Optimization of Microstrip Hairpin-Line Bandpass Filter using DOE Methodologies
	Tanvi Singh, Jesseena Chacko, Neha Sebastian, Roshni Thoppilan, Ashwini Kotrashetti and Sudhakar
	Mande
359	Intelligent Processing : An Approach of Audio Steganography
	Pooja P. Balgurgi and Sonal K. Jagtap
68	Intonation Pattern in BODO and RABHA Language
	Talukdar Jyotismita, Deka Ganesh Chandra, Talukdar Pran Hori and Nabankur Pathak
136	Tracking of a Target Person Using Face Recognition by Surveillance Robot
	Sachin Kansal, Abhijit Makhal, Pavan Chakraborty and G. C. Nandi
302	Modified Joint Channel Source Decoding Structure for Reliable Image Transmission
	Om Prakash Singh, Abhijit Mitra and Rohit Sinha
123	Fusion of Modified Block Truncation Coding and Kekre Transform Patterns for Colour & Texture Based
	CBIR
	H. B. Kekre, V.A. Bharadi, Bijith M. and Arti R. Sawant

DATE	DATE: 19th Oct. 2012 (TRACK: T3, SESSION: S7)	
6	An Analysis of Execution Plans in Query Optimization	
	Sunita M. Mahajan and Vaishali P. Jadhav	
122	A Robust Watermarking Approach for Non Numeric Relational Database	
122	Vidhi Khanduja, Anik Khandelwal, Ankur Madharaia, Dipak Saraf and Tushar Kumar	
357	Big Data Analytics	
337	Sachchidanand Singh and Nirmala Singh	
202	Extracting New Product Ideas from Consumer Blogs	
202	Amiya Tripathy, Suman Raina, Rylan Mascarenhas, Sonu Pangotra and Rilesh Rodrigues	
388	EKSS : An Efficient Approach for Similarity Search	
366	Shelley Gupta, Avinash Dwivedi, R. K. Issac and Sachin Kumar Agrawal	
142	Ant Colony Optimizer as an Adaptive Classifier	
142	Achal Tayade and Leena Ragha	
197	Performance Comparison of Various Information Retrieval Models Used in Search Engines	
197	Shivangi Raman, Vijay Kumar Chaurasiya and Venkatesan S.	
185	A Markov-Graph Cache Replacement Policy for Mobile Environment	
163	Hariram Chavan, Suneeta Sane and H. B. Kekre	
127	Tabu Search for Solving Personnel Scheduling Problem	
127	Amol C. Adamuthe and Rajankumar S. Bichkar	
128	Genetic Algorithmic Approach for Security Personnel Scheduling	
128	Amol C. Adamuthe, Sandeep U. Mane and G. T. Thampi	

DATI	DATE: 19th Oct. 2012 (TRACK: T4, SESSION: S8)	
186	Retinal Scan Recognition using Wavelet Energy Entropy	
	Rita A. Vora, V. A. Bharadi and H B Kekre	
194	Real-Time Implementation of an Adaptive Channel Coding System using Reed-Solomon Codes	
	Vinit Gala, Harshal Nishar, Hardik Dave and Y. S. Rao	
198	Radon Transform Based Uniform and Non-uniform Motion Blur Parameter Estimation	
	Ashwini M. Deshpande and Suprava Patnaik	
236	Detection of Multiple Points of Contact on an Imaging Touch-Screen	
	Prashanth C Ravoor, Sudhir Rao Rupanagudi and Ranjani B.S	
261	Multiscale Wavelet Based Edge Detection and Independent Component Analysis(ICA) for Face Recognition	
	Karande Kailash J	
275	A Semi-blind Image Watermarking based on Discrete Wavelet Transform and Secret Sharing	
	B. Surekha and G N Swamy	
278	The Impact of Digital Filtering to ECG Analysis: Butterworth Filter Application	
	Sonal k. Jagtap and M.D Uplane	
281	Row, Column and Fused Row-Col R, G, B Plane's Feature Vector Generation using DCT, DST and Kekre	
	Wavelet for CBIR	
	H. B. Kekre and Kavita Sonawane	
292	Quality Advancement of EEG by Wavelet Denoising for Biomedical Analysis	
	Suhas S. Patil and Minal K. Pawar	
300	Image Inpainting Using Multiresulution Wavelet Transform Analysis	
	Aarti S.Deshmukh and P. Mukherji	
138	Novel Feature Vector Selection Methods for Iris Recognition	
	H B Kekre, Tanuja K. Sarode and Sunayana V. Jadhav	

DATI	DATE: 20th Oct. 2012 (TRACK: T1, SESSION: S9)	
164	Cluster Based Cooperative Sensing:-A Survey	
	Tanuja Satish Dhope and Dina Simunic	
177	Reducing Handover Failure Probability by Repetitive Scanning Process	
	Shubhajeet Chatterjee, Jayanta Kr. Bag and Milton Samadder	
251	Simulation and Performance Evaluation of GSM propagation Channel under the Urban, Suburban and Rural	
	Environments	
	Vishal Nimavat and G. R. Kulkarni	
271	A Fast Scanning Technique for Mobility Management by Optimized Angular Segmentation Method	
	Milton Samadder, Shubhajeet Chatterjee and Jayanta Kr. Bag	
331	Performance Analysis of Alamouti Scheme in Rayleigh Channel	
	Namita Agarwal and Shikha Nema	
223	Performance Analysis of Free Space Optical Links Encoded Using Luby Transform codes	
	Geetha Prakash, Murlidhar Kulkarni, U. Sripati and Mahesh Nayak Kalyanpur	
381	An Efficient Algorithm for Irregular Low Density Parity Check Code with Reduced Computational	
	Complexity and Error Floor	
	Devichand P Rathod and Raval N. Awale	
421	Nondirected Indoor Infrared Wireless Channel Modeling using Modulation Schemes	
	Prakash H. Patil and Dilip D. Shah	

DAT	DATE: 20th Oct. 2012 (TRACK: T2, SESSION: S10)	
73	Performance Improvement using Average Query Fired to Bins of Four Statistical Moments for CBIR	
	H. B. Kekre and Kavita Sonawane	
82	Object Oriented Framework for CUDA based Image Processing	
	Pritam Prakash Shete, Venkat P. P. K., Dinesh M. Sarode, Mohini Laghate, S. K. Bose and R. S. Mundada	
83	A Zernike Moment Based Methodology for Heart Disease Detection	
	Abhyuday Das	
84	Image Fusion using Kekre's Hybrid Wavelet Transform	
	H. B. Kekre, Tanuja Sarode and Rachana Dhannawat	
93	Real Time Feature Extraction of ECG Signal on Android Platform	
	Pankaj K. Gakare, Abhilasha M. Patel, Jignesh R. Vaghela and R. N. Awale	
94	A Deviant Transform Based Approach for Color Image Registration	
	H. B. Kekre, Tanuja K. Sarode and Ruhina B. Karani	
102	Extended Visual Cryptography for Color Images using Coding Tables	
	Meera Kamath, Arpita Parab, Aarti Salyankar and Surekha Dholay	
111	Comparative Analysis of Off-line Signature Recognition	
	Rahul Dubey and Dheeraj K.Agrawal	

DATE	DATE: 20th Oct. 2012 (TRACK: T3, SESSION: S11)	
353	A New Crossover Operator in Differential Evolution for Numerical Optimization	
	Devendra Tayal, Charu Gupta and Amita Jain	
409	Comparing Performance of Collaborative Filtering Algorithms	
409	Vandana A. Patil and Lata Ragha	
310	A Novel Approach for Saliency Detection based on Multiscale Phase Spectrum	
	Deepak Singh and Sukadev Meher	
98	Software Complexity: A Fuzzy Logic Approach	
	Sangeeta Sabharwal, Ritu Sibal and Preeti Kaur	
210	An Expert Advisory System for ISO 9001 based QMS of Maufacturing Environment	
	Anand K. Bewoor, Laxmi A. Bewoor and Maruti S. Pawar	
344	Wireless Network Security using Dynamic Rule Generation of Firewall	
344	Bhushan Chaudhari, Prathmesh Gothankar, Abhishek Iyer and D. D. Ambawade	
172	VEDD- A Visual Wrapper for Extraction of Data using DOM Tree	
1/2	A. K. Tripathy, Nilakshi Joshi, Steffy Thomas, Shweta Shetty and Namitha Thomas	
175	An Energy Efficient and Reliable Internet of Things	
1/3	Shyam Sundar Prasad and Chanakya Kumar	

DAT	DATE: 20th Oct. 2012 (TRACK: T4, SESSION: S12)	
286	Analysis of Two-Stage CMOS Op-Amp for Single-Event Transients Henil Langalia, Sarthak Lad, Mangesh	
	Lolge and Surendra Rathod	
389	Neural Implementation of Cascaded INA for Yokto Level Signal Processing	
	Ahmad Shadab, Neha Srivastava and Gaurav Shukla	
392	A 6-17 GHz Linear Wide Tuning Range Ring Oscillator and Low Power in 45 nm CMOS for Electronic	
	Warfare	
	B.S. Patro, J. K. Panigrahi and Sushanta K. Mandal	
404	Design and Implementation of Floating Point Multiplier based on Vedic Multiplication Technique	
	Aniruddha Kanhe, Shishir Kumar Das and Ankit Kumar Singh	
135	Design and Hardware Implementation of a Low Complexity MIMO OFDM System	
	Bhavin Kamdar, Dhaval Shah, Shahid Sorathia and Y S Rao	
182	Hardware Software Co-design Using Profiling and Clustering	
	Ashish Mishra, Kritika Garg, A. R. Asati and Kota Solomon Raju	
385	Detection of Cardiac Hypertrophy by ECG Analysis	
	Rajendra G. Sutar and A. G. Kothari	
132	Modeling a Bipedal Humanoid Robot Using Inverted Pendulum towards Push Recovery	
	Akash, Shruti Chandra, Abha and G. C. Nandi	

DATI	DATE: 20th Oct. 2012 (TRACK: T1, SESSION: S13)		
4	Stable path selection and safe backup routing for Optical Border Gateway Protocol (OBGP) and Extended		
	Optical Border Gateway Protocol (OBGP+)		
	Shailesh P. Bendale and Girish V. Chowdhary		
11	Energy Efficient Switching Transmission Scheme for a Cooperative WSN		
	Lalitha Kumari and Subaashini		
57	U-LEACH: A Novel Routing Protocol for Heterogeneous Wireless Sensor Networks		
	Naveen Kumar, Sandeep, Pawan Bhutani and Prity Mishra		
97	Priority-based Congestion Control Protocol (PCCP) for Controlling Upstream Congestion in Wireless		
	Sensor Network		
	Dipti Patil and Sudhir N. Dhage		
108	Study of Congestion Control using AODV and Signal Strength by Avoiding Link Failure in MANET		
	Sunita Nandgave-Usturge		
153	Comparison of Frame Aggregation Mechanism in 802.11n WLAN		
	Jyoti Kolap, Shoba Krishnan and Ninad Shaha		
157	Sector Coded Transmission Protocol for Cognitive Radio Networks		
	Vinayak Abrol and Pulkit Sharma		
207	Finding Optimal Topology for Coverage and Connectivity using Layered Deployment Model: A		
	comparative study		
	Sonali Sen Baidya, Chandan Kr. Bhattacharyya and Swapan Bhattacharyya		
284	Prediction of DoS Attack Sequences		
	Alpa Reshamwala and Sunita Mahajan		
330	Interference Analysis of IEEE 802.11n		
	Pritesh Chandaliya, Nitin Dhakate, Udaykumar Lokhande and D. D. Ambawade		

DATE	DATE: 20th Oct. 2012 (TRACK: T2, SESSION: S14)		
305	Feature Extraction using DCT Fusion based on Facial Symmetry for Enhanced Face Recognition		
	Prathik P, Rahul Ajay Nafde, K. Manikantan and S. Ramachandran		
311	Robust Digital Image Watermarking Algorithm in DWT-DFT-SVD Domain for Color Images		
	Rahim Ansari, Mrutyunjayya M. Devanalamath, K. Manikantan and S. Ramachandran		
317	Optimal Multilevel Thresholding Based on Tsallis Entropy Using Fibonacci Particle Swarm Optimization		
	for Improved Image Segmentation		
	Apoorva N., Divya Ramesh, K. Manikantan and S. Ramachandran		
321	Novel DCT Based Feature Extraction for Enhanced Iris Recognition		
	Abhiram M. H, Chetan Sadhu, K. Manikantan and S. Ramachandran		
322	A New Approach to Object Recognition for Multi Viewed Objects		
	Sunita Dalai and Debaraj Rana		
324	Background Removal Using K-Means Clustering as a Preprocessing Technique for DWT Based Face		
	Recognition		
	Surabhi A. R., Shwetha T. Parekh, K. Manikantan and S. Ramachandran		
335	Facial-Feature Based Human-Computer Interface for Disabled People		
	Kaushik Parmar, Bhavin Mehta and Rupali Sawant		
351	Performance Evaluation of DCT, Walsh, Haar and Hartley Transforms on Whole Images and Partial		
	Coefficients in Image Classification		
	H.B Kekre, Tanuja.K Sarode and Fauzia Ansari		
368	Compression Strategy for Handwritten Gray Level Document Images		
	Smita V. Khangar, Dinesh P. Bharne and Latesh G. Malik		
371	Reliable Face Detection in Varying Illumination and Complex Background		
	Varsha Powar and Aditi Jahagirdar		
394	Modified BPCS Steganography using Hybrid Cryptography for Improving Data Embedding Capacity		
	Smita P. Bansod, Vanita M. Mane and Leena R. Ragha		
412	An Effectual Method for Extraction of ROI of Palmprints		
	H. B. Kekre, Tanuja Sarode and Rekha Vig		

DATE	DATE: 20th Oct. 2012 (TRACK: T3, SESSION: S15)		
3	Review of Significant Researches on Multimedia		
	Information Retrieval		
	Sunita M. Jadhav and Vikram S. Patil		
376	Disk Load Balancing and Video Ranking Algorithm for Efficient Access in Video server		
	Sudhir Dhage and B.B.Meshram		
245	Featured Based Sentiment Classification for Hotel Reviews using NLP and Bayesian Classification		
	Tushar Ghorpade and Lata Ragha		
201	Cost Optimization of Supply Chain Network of Departmental Store		
	Kadambari Deherkar, Mayuri Cherku, Fiona D'Souza and Manasi Dandekar		
176	Integrating ERP to Accelerate Business Process Agility: A Case Study and Critical Research Review		
	in Indian Pharmaceutical Industry		
	Dhananjay Kalbande, Chaitali Shah, Apurva Nigam and Priti Kothawade		
26	Neuro Analytical Hierarchy Process (NAHP) Approach for CAD/CAM/CIM Tool Selection in the Context		
	of Small Manufacturing Industries		
	D. R. Kalbande, Sumaiya Khan and G. T. Thampi		
372	Security Issues of Data Query Processing and Location Monitoring in MANETS		
	Mohammed Qayyum, P. Subhash and Mohammed Husamuddin		
196	On the Performance of AoA Estimation Algorithms in Cognitive Radio Networks		
	Tanuja Satish Dhope and Dina Simunic		

DATI	DATE: 20th Oct. 2012 (TRACK: T4, SESSION: S16)		
221	Hardware Implementation of PAPR Reduction Scheme for OFDM System		
	Bhavin Kamdar, Dhaval Shah, Shahid Sorathia and Y S Rao		
268	Performance of Router Design for Network-On-Chip Implementation		
	Ranjana Sharma, V. V. Joshi and V. M. Rohokale		
355	Real Time Speech Recognition using IIR Digital Filters Implemented on an Embedded System		
	Bhavin Kamdar, Bhisham Mirchandani, Dhaval Shah and Y S Rao		
417	Discrete Time Control Technique for Induction Heating System		
	Swamit S. Tannu, R. R. Sawant and Y. S. Rao		
343	Grid Computing based Back Propagation Network		
	Ahlam Shakeel Ahmed Ansari and Kailas K. Devadkar		
378	Finite Element Analysis of GPS Based Vehicle Tracking System with Enclosure for Dynamic Assessment		
	Shreenivas Jog, Prateek Gupta, Mukul Sutaone, V. V. Badave, Avinash Kumar, Sneha Gade and Kshitij		
	Deshpande		
387	Tumor Segmentation by Tolerance Near Set Approach in Mammography and Lesion Classification with		
	Neural Network		
	Vibha Bafna Bora, A. G. Kothari and A. G. Keskar		
39	Performance Evaluation of an Intelligent Controller Design for a Ceramic Infrared Heater		
	Vineet Shekher, Pankaj Rai and Om Prakash		