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S1: Signal, Image Processing and Pattern Recognition – I

1569756787	A Fast Hierarchical Patch-Based Approach for Mitigating Atmospheric Turbulence	Regular Paper	Ajinkya S. Deshmukh (Uurmi System Pvt. Ltd., India); Swarup S. Medasani (Uurmi System Pvt. Ltd., India); G. R. Reddy (Vellore Institute of Technology, India)
1569759569	Improved Cooperative Sensing Strategies Using Wavelet Denoising	Regular Paper	Navneet Garg (IIITM, India); Aditya Trivedi (ABV-Indian Institute of Information Technology and Management Gwalior, India)
1569760255	Design of Low-Cost Autonomous Water Quality Monitoring System	Regular Paper	Aravinda S. Rao (The University of Melbourne, Australia); Stephen Marshall (The University of Melbourne, Australia); Jayavardhana Gubbi (The University of Melbourne, Australia); Marimuthu Palaniswami (The University of Melbourne, Australia); Richard Sinnott (The University of Melbourne, Australia); Vincent Pettigrove (The University of Melbourne, Australia)
1569762981	Speech Enhancement Using Sub-Band Wiener Filter with Pitch Synchronous Analysis	Regular Paper	V. Sunnydayal (National Institute of Technology, Warangal, India); T. Kishore Kumar (National Institute of Technology, Warangal, India)
1569758109	Automatic Identification of Assamese and Bodo Multiword Expressions	Regular Paper	Anup Kumar Barman (Gauhati University, India); Jumi Sarmah (Gauhati University, India); Shikhar Kr. Sarma (Gauhati University, India)
1569758645	A Real-Time Stereoscopic Viewer for Telerobotics Using Open Source Software	Regular Paper	Pritam Prakash Shete (Bhabha Atomic Research Centre, India); Dinesh M. Sarode (Bhabha Atomic Research Centre, India); Surojit Kumar Bose (Bhabha Atomic Research Centre, India)
1569761145	Codes Over $Z4 + vZ4$ with Respect to Rosenbloom-Tsfasman Metric	Regular Paper	Rama Krishna Bandi (Indian Institute of Technology Roorkee, India); Maheshanand Bhaintwal (Indian Institute of Technology Roorkee, India)
1569757991	Monocular Vision Based Real-Time Exploration in Autonomous Rovers	Regular Paper	Prabhakar Mishra (PES Institute of Technology, Bangalore, India); J. K. Kishore (Indian Space Resaerch Organization, India); Rakshith Shetty (Broadcom, India); Akshay Malhotra (Ittiam Sytems, India); Rahul Kukreja (RBEI, India)
1569760295	Improved Digital Design of BPSK Modulator Using Look-Up Table Technique	Regular Paper	Alok Kumar Chaudhary (Shri Mata Vaishno Devi University, India); Pranay Pratik (Shri Mata Vaishno Devi University, India); Swastik Gupta (Shri Mata Vaishno Devi University, India); Vipan Kakkar (Shri Mata Vaishno Devi University, India)
1569756675	Cellular Automata Based Edge-Detection for Brain Tumor	Regular Paper	Manoj Diwakar (DIT Dehradun, India); Pawan Kumar Patel (IIT Kanpur, India); Kunal Gupta (Higher College of Technology, Muscat, India)
1569760987	Synthetic Reconstruction of Human Carotid Vasculature Using a 2-D/3-D Interface	Regular Paper	Ankita Banerjee (Jadavpur University, India); Sudipta Dey (Jadavpur University, India); Shubhankar Parui (Jadavpur University, India); Mita Nasipuri (Jadavpur University, India); Subhadip Basu (Jadavpur University, India)
1569761495	ROC Analysis of Classifiers in Automatic Detection of Diabetic Retinopathy Using Shape Features of Fundus Images	Regular Paper	R. Geetha Ramani (Anna University, India); Lakshmi Balasubramanian (Anna University, India); Shomona Gracia Jacob (Anna University, India)

S2: Data Mining, Clustering and Intelligent Information Systems – I

1569755455	Air Quality Based Optimal Path Search Model for Spatio-Temporal Data Set	Regular Paper	Komathy Karuppanan (Anna University, India); Adhirai Manickam (Anna University, India); Elakya Karthikeyan (Anna University, India); Monica Narayanan (Anna University, India)
1569756805	Neural Network Based Classification of Pollen Grains	Regular Paper	V. R. Dhawale (Laboratory of Artificial Intelligence, India); J. A. Tidke (Laboratory of Reproductive Biology of Angiosperm, India); S. V. Dudul (Sant Gadgebaba Amravati University, Amravati(M.S.), India)
1569758115	Automatic Assamese Text Categorization Using WordNet	Regular Paper	Jumi Sarmah (Gauhati University, India); Anup Kumar Barman (Gauhati University, India); Shikhar Kr. Sarma (Gauhati University, India)
1569760887	Analysis of VBR Coded VoIP for Traffic Classification	Regular Paper	Paromita Choudhury (Centre for Artificial Intelligence and Robotics, India); K. R. Prasanna Kumar (Centre for Artificial Intelligence and Robotics, India); G. Athithan (DRDO, India); Sukumar Nandi (Indian Institute of Technology, Guwahati, India)
1569752715	Design and Analysis of LRTB Feature Based Classifier Applied to Handwritten Devnagari Characters: A Neural Network Approach	Regular Paper	Dinesh V. Rojatkar (Government College of Engineering, Chandrapur, India); Krushna D. Chinchkhede (SGB Amravati University, Amravati, India); G. G. Sarate (Government Polytechnic, Amravati, India)
1569761421	Identifying the Best Feature Combination for Sentiment Analysis of Customer Reviews	Regular Paper	C. Priyanka (Amrita Vishwa Vidyapeetham Deemed University, India); Deepa Gupta (Amrita Vishwa Vidyapeetham Deemed University, India)
1569752363	Domain Driven Approach for Coherent Rule Mining	Regular Paper	Arti Deshpande (Mumbai University, India); Anjali Mahajan (Priyadarshini Institute of Engineering and Technology, India); Apurva Kulkarni (Thadomal Shahani Engineering College, India); Sayali Sakhalkar (Thadomal Shahani Engineering College, India)
1569760123	Fuzzy Based Multilevel Queue Scheduling Algorithm	Regular Paper	Vaishali Chahar (ITM University, India); Supriya Raheja (ITM University, India)

S3: Cognitive Radio and Cognitive Networks

1569752685	Performance Analysis of Angle of Arrival Estimation Algorithms for Dynamic Spectrum Access in Cognitive Radio Networks	Regular Paper	Tanuja S. Dhope (Shendkar) (University of Zagreb, India); Dina Simunic (University of Zagreb, Croatia); Nikhil Dhokariya (SIT Lonavala, India); Vishal Pawar (SIT Lonavala, India); Bhawana Gupta (SIT Lonavala, India)
1569758149	An Analytical Framework for Channel Reservation Scheme in Cognitive Radio Network	Regular Paper	Tamal Chakraborty (Jadavpur University, India); Iti Saha Misra (Jadavpur University, India)
1569748251	Average Detection Probability Analysis for Cooperative - MIMO Spectrum Sensing in Cognitive Radio Networks	Regular Paper	S. Hariharan (National Institute of Technology, Tiruchirapalli, India); S. Venkata Siva Prasad (NIT, Tiruchirapalli, India);
1569758271	Collaborative Spectrum Sensing in Real Cognitive Radio Network	Regular Paper	Tanumay Manna (Jadavpur University, India); Iti Saha Misra (Jadavpur University, India)
1569759811	A Routing Protocol for Cognitive Networks in Presence of Co-Operative Primary User	Regular Paper	Nitul Dutta (Sikkim Manipla Institute of Technology, India); Hiren Kumar Dev Sarma (Sikkim Manipal Institute of Technology, India)
1569759989	Particle Swarm Optimization with Cognitive Avoidance Component	Work-in-Progress	Anupam Biswas (Motilal Nehru National Institute of Technology Allahabd, India); Anoj Kumar (Motilal Nehru National Institute of Technology Allahabd, India); K. K. Mishra (MNNIT, India)
1569760305	Exploiting Opportunistic Decode-and-Forward Cooperation for Cognitive Radio Relay Channels in Multi-Antenna Cognitive Radio Networks	Work-in-Progress	Sadhana Mishra (ABV-IIITM, India); Aditya Trivedi (ABV-Indian Institute of Information Technology and Management Gwalior, India)

S4: Software Engineering

1569758451	A Unique Aspect-Oriented Program Slicing Technique	Regular Paper	Jagannath Singh (National Institute of Technology, Rourkela, Orissa, India); Durga Prasad Mohapatra (NIT, Rourkela, India)
1569761513	An ARSM Approach Using PCB-QoS Classification for Web Services: A Multi-Perspective View	Regular Paper	Maya Rathore (Devi Ahilya University, India); Ugrasen Suman (Devi Ahilya University, India)
1569762895	An Ameliorated Methodology for the Identification of Project Activities of Software Development Projects	Regular Paper	Shivanand M. Handigund (Bangalore Institute of Technology, Bangalore, India); B. N. Arunakumari(Bangalore Institute of Technology, Bangalore, India)
1569760707	Class Point Approach for Software Effort Estimation Using Soft Computing Techniques	Regular Paper	Shashank Mouli Satapathy (National Institute of Technology (NIT), Rourkela, India); Mukesh Kumar (National Institute of Technology (NIT), Rourkela, India); Santanu Kumar Rath (National Institute of Technology (NIT), Rourkela, India)
1569762089	An Ameliorated Methodology for Design and Development of a Work Process Diagram to be Incorporated in UML	Regular Paper	Shivanand M. Handigund (Bangalore Institute of Technology, Bangalore, India); S. B. Kshama (Bangalore Institute of Technology, Bangalore, India); N. Ranjana (Bangalore Institute of Technology, Bangalore, India)
1569763019	An Approach for Reduced Test Path Set Selection	Regular Paper	P. Prema (National Institute of Technology, India); B. Ramadoss (National Institute of Technology, India); S. R. Balasundaram (National Institute of Technology,
1569761181	Risk Analysis of a System at Design Level Using UML Diagrams	Regular Paper	Suchitra Kumari Mishra (NIT Rourkela, India); Alina Mishra (NIT Rourkela, India); D. P. Mohapatra (NIT Rourkela,

S5: Cloud Computing and Networked Systems – I

1569757075	Steganography Based on Neighbourhood Pixels	Regular Paper	Rhythm Walia (Center for Development of Advance Computing, India)
1569759715	Robustness and Oppurtuneness Based Approach for Cloud Deployment Model Selection	Regular Paper	Mitesh Soni (iGATE Global Solutions Limited, India); Jyoti Namjoshi (iGATE Global Solutions Limited, India); Sreekumar Pillai (iGATE Global Solutions Limited, India)
1569761361	SignedQuery: Protecting Users Data in Multi-Tenant SaaS Environments	Regular Paper	Eyad Saleh (Hasso-Plattner-Institute, Germany); Ibrahim Takouna (Hasso Plattner Institute -University of Potsdam, Germany); Christoph Meinel (Hasso Plattner Institute - University of Potsdam, Germany)
1569760211	Deadline Based Virtual Machine Provisioning to Improve QoS in Cloud Computing	Regular Paper	Suhradam Patel (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India); Rakesh Kumar Bhujade (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India); Asif Ullah Khan (RGPV, Bhopal, India); Sugney Kathrotia (Gujarat Technological University, India)
1569741551	A Dynamic Data Placement Scheme for Hadoop Using Real-Time Access Patterns	Regular Paper	Viju P. Poonthottam (NIT Calicut, India); S. D. Madhu Kumar (National Institute of Technology Calicut, India)
1569757257	A Framework for Executing Android Applications on the Cloud	Regular Paper	Sourabh Ghorpade (University of Pune, India); Nikhil Chavan (University of Pune, India); Akash Gokhale (University of Pune, India); Deepak Sapkal (University of
1569741401	Cloud Computing – Phone Call as a Service: A Concept	Regular Paper	R. Monica (PES Institute of Technology, India); H. A. Dinesha (PES Institute of Technology, India); V. K. Agrawal (PES Institute of Technology, India)
1569760189	A Framework for Secure Live Migration of Virtual Machines	Regular Paper	M. R. Anala (RVCE, India); Jyoti Shetty (R V College of Engineering, India); G. Shobha (RVCE, India)
1569758037	Phase Offset Reduction Strategy for OFDMA Based WiMAX System Using Raised Cosine Filter	Regular Paper	Budhaditya Bhattacharyya (Jadavpur University, India); Iti Saha Misra (Jadavpur University, India); Salil Kumar Sanyal (Jadavpur University, Kolkata, India)
1569755295	A Desktop Notification Based Scheme for Preventing Online Frauds Attempts to Cloud Users S|pp|S	Regular Paper	Sanchika Gupta (Indian Institute of Technology Roorkee, India); Padam Kumar (Indian Institute of Technology Roorkee, India)
1569759229	Using Location Based Encryption to Improve the Security of Data Access in Cloud Computing	Regular Paper	Meer Soheil Abolghasemi (University of Guilan, Iran); Mahdi Mokarrami Sefidab (University of Guilan, Iran); Reza Ebrahimi Atani (University of Guilan, Iran)

S6: Wireless Communications and Mobile Computing – I

1569739705	Transformation of ACS Module to CSA Module of Low-Power Viterbi Decoder for Digital Wireless Communication Applications	Regular Paper	Sayak Bhowal (Jadavpur University, India)
1569746535	Performance Study of Hybrid Decode-Amplify-Forward (HDAF) Scheme in Distributed Alamouti Coded Cooperative Network	Regular Paper	Kiran Kumar Gurrala (National Institute of Technology, Rourkela, India); Susmita Das (National Institute of Technology, Rourkela, India)
1569752577	New Algorithm with Simple Training Symbol for Timing Error Estimation of OFDM System	Regular Paper	A. P. Rathkanthiwar (RTM Nagpur University, India); A. S. Gandhi (Visvesvaraya National Institute of Technology, India)
1569758201	Data Collection Point Based Mobile Data Gathering Scheme with Relay Hop Constraint	Regular Paper	Srijit Chowdhury (Bengal Engineering and Science University, India); Chandan Giri (Bengal Engineering and Science University, India)
1569761995	Design and Implementation of Reliable Auctioning Algorithms for Multi-Robot Systems	Regular Paper	Nazeeruddin Mohammad (Prince Mohammad Bin Fahd University, Saudi Arabia); Shahabuddin Muhammad (Prince Mohammad Bin Fahd University, Saudi Arabia); Mayez Al-Mouhamed (King Fahd University of Petroleum and Minerals, Saudi Arabia)
1569760465	Optimization of Reconfiguration Time During Client Movement on Siena	Regular Paper	S. D. Madhu Kumar (National Institute of Technology Calicut, India); Babitha Balachandran (National Instiue of Technology, India)
1569746297	Energy Efficiency of IEEE 802.15.6 Based Wireless Body Area Networks in Scheduled Access Mode	Regular Paper	K. S. Deepak (N. I. T, Calicut, India); A. V. Babu (National Institute of Technology Calicut, India)
1569761043	Magnitude and Phase Tracking with Adaptive Aperture for Multi-Antenna Framework in High Data Rate Wireless Channels	Regular Paper	Parismita A. Kashyap (Tezpur University, India); Kandarpa Kumar Sarma (Gauhati University, India)
1569756451	De Bruijn Sequences as Secure Spreading Codes for Wireless Communications	Regular Paper	Chirag Warty (University of Mumbai/Ahilya Technologies, India); Sandeep Mattigiri (California State University, USA); Ennio Gambi (Università Politecnica delle Marche, Italy); Susanna Spinsante (Università Politecnica delle Marche, Italy)
1569724269	Line-of-Sight Multi-Input Multi-Output Capacity Improvement Using Change of Carrier Frequency	Regular Paper	Satinder Singh Gill (University of New Brunswick, Canada); Brent R. Petersen (University of New Brunswick, Canada)
1569759937	Modulation Classification of PSK Signals in Multipath and Frequency Offsets	Regular Paper	N. Anantha Krishna Karthik (UURMI Systems, India); M. S. Jameer Ali (UURMI Systems, India)
1569761543	Application of Stochastic Counterpart Optimization to Contrast-Detection Autofocusing	Regular Paper	Przemysław Śliwiński (Wrocław University of Technology, Poland); Paweł Wachel (Wrocław University of Technology, Poland)
1569762839	5GHz WLAN Band-Notched UWB Symmetrical Slotted PI-Notched Parasitic Planar Printed Antenna	Regular Paper	M. Neelaveni Ammal (SRM University, India); B. Ramachandran (SRM University, India); P. H. Rao (SAMEER, Center for Electro Magnetics, India); Donthu Narendra Kumar (SRM University, India)

S7: Signal, Image Processing and Pattern Recognition – II

1569727753	Hybrid System for Lymphatic Diseases Diagnosis	Regular Paper	Hanaa Elshazly (Scientific Research Group in Egypt (SRGE), Egypt); Ahmed Taher Azar (Benha University, Egypt); Abeer El-korany (Faculty of Computers and Information, Egypt); Aboul Ella Hassanien (University of Cairo, Egypt)
1569745985	Stereo Correspondence for Underwater Images Using Adaptive Weight-Based Cross-Correlation	Regular Paper	P. U. Praveen Kumar (Kuvempu University, India); C. J. Prabhakar (Kuvempu University, India)
1569748663	3D Information Retrieval for Visual Odometry System of Planetary Exploration Rovers - A Stereo Vision Approach	Regular Paper	K. Chitra (Vikram Sarabhai Space Centre, India); Sudin Dinesh (Vikram Sarabhai Space Centre, India); Deepak Mishra (Indian Institute of Space Science Technology, Thiruvananthapuram, India); V. Brinda (Vikram Sarabhai Space Centre, India); V. R. Lalithambika (Vikram Sarabhai Space Centre, India); B. Manoj Kumar (Vikram Sarabhai Space Centre, India)
1569759859	Segmentation of Retinal Vasculature Using Phase Congruency and Hierarchical Clustering	Regular Paper	M. R. N. Tagore (Vasireddy Venkatadri Institute of Technology, India); Giri Babu Kande (Vasireddy Venkatadri Institute of Technology, India); E. V. Krishna Rao (Andhra Loyola Institute of Engineering and Technology, India); B. Prabhakar Rao (JNTU Kakinada, India)
1569761277	Obstacle Detection & Elimination of Shadows for an Image Processing Based Automated Vehicle	Regular Paper	C. R. Prashanth (BMS College of Engineering, India); T. Sagar (BMS College of Engineering, India); Naresh Bhat (BMS College of Engineering, India); D. Naveen (BMS College of Engineering, India); Sudhir Rao Rupanagudi (WorldServe Education, India); R. Ashok Kumar (BMS College of Engineering, India)
1569761685	Automatic Detection of Drug Interaction Mismatches in Package Inserts	Regular Paper	Majid Rastegar-Mojarad (University of Wisconsin-Milwaukee, USA); Brian Harrington (University of Toronto, USA); Steven M. Belknap (Northwestern University, Chicago IL, USA)
1569724619	Sharpness for Texture Retrieval in Multiscale Domain	Regular Paper	Jiuwen Zhang (Lanzhou University, P.R. China); Chao Yang (Lanzhou University, P.R. China); Zhiquan Yu (Lanzhou University, P.R. China)
1569738567	Extraction and Interpretation of Charts in Technical Documents	Regular Paper	Jagadish S. Kallimani (Jawaharlal Nehru Technological University, India); K. G. Srinivasa (M S Ramaiah Institute of Technology, India); B. Eswara Reddy (JNTUA, India)
1569741763	Neural Network Based Iris Pattern Recognition System Using Discrete Walsh Hadamard Transform Features	Regular Paper	Mrunal M. Khedkar (Sipna College of Engineering & Technology, India) S. A. Ladhake (Sipna College of Engineering & Technology, India)
1569752911	A Fast Restoration Method for Atmospheric Turbulence Degraded Images Using Non-Rigid Image Registration	Regular Paper	Kalyan Kumar Halder (The University of New South Wales, Australia); Murat Tahtali (The University of New South Wales, Australia); Sreenatha G. Anavatti (University College, ADFA, Australia)
1569760351	The Art of Medical Image Fusion: A Survey	Regular Paper	Ashwini Galande (Vishwakarma Institute of Technology, pune, India); Ratna Patil (Vishwakarma Institute of Technology, pune, India)
1569695757	Combining Frequent 2-itemsets and Statistical Features for Texture Classification in Wavelet Domain	Regular Paper	Li Liu (Lanzhou University, P.R. China); Haojie Wang (Lanzhou University, P.R. China); Meijiao Wang (Lanzhou University, P.R. China); Cheng Zhang (Lanzhou University, P.R. China)
1569748801	Band Elimination of Hyperspectral Imagery Using Correlation of Partitioned Band Images	Regular Paper	Aloke Datta (Center for Soft Computing Research, ISI, Kolkata, India); Susmita Ghosh (Jadavpur University, India); Ashish Ghosh (ISI Kolkata, India)

S8: Security, Trust and Privacy

1569756779	Efficient Identity Based Multi-Proxy Multi-Signcryption Scheme Using Bilinear Pairings Over Elliptic Curves	Regular Paper	G. Swapna (Andhra University, India); P. Vasudeva Reddy (Andhra University, India); T. Gowri (GITAM University, India)
1569768963	A Novel Framework for Video Content Infringement Detection and Prevention	Regular Paper	Gummaluri Sai Kumar (MVGR College of Engineering, India); Gudipudi Manikanta (MVGR College of Engineering, India); B. Srinivas (MVGR College of
1569738257	A Methodology for Self Correction Scheme Based Fast Multi Criterion Exploration and Architectural Synthesis of Data Dominated Applications	Regular Paper	Anirban Sengupta (Indian Institute of Technology Indore, India)
1569754977	ESKIMO 2-Way Handshake	Regular Paper	Idris Ahmed (Tecomex Forensics Ltd., United Kingdom); Anne James (Coventry University, United Kingdom)
1569761113	Alert-BDI: BDI Model with Adaptive Alertness Through Situational Awareness	Regular Paper	Manu S. Hegde (Manipal University, India); Sanjay Singh (Manipal Institute of Technology, India)
1569761527	Anticrasher: Predicting and Preventing Impending Crashes on Runtime at User End	Regular Paper	Anil Kumar Karna (Shanghai Jiao Tong University, P.R. China); Yuting Chen (Shanghai Jiao Tong University, P.R. China)
1569758785	Towards the Growth of Image Encryption and Authentication Schemes	Regular Paper	Amitesh Singh Rajput (SOIT RGPV Bhopal, India); Nishchol Mishra (SOIT RGPV Bhopal, India); Sanjeev Sharma (Rajiv Gandhi Technological University, India)
1569759987	Ciphers Based on Special Graphs	Regular Paper	P. L. K. Priyadarsini (PRIST University, India); Ramakalyan Ayyagari (National Institute of Technology, Trichy, India)
1569761511	Detection and Filtering of Collaborative Malicious Users in Reputation System Using Quality Repository Approach	Regular Paper	H. K. Jnanamurthy (MIT, Manipal, Manipal University, India); Sanjay Singh (Manipal Institute of Technology, India)
1569759837	Spam Control Mechanisms Over VoIP	Regular Paper	O. Salcedo (Universidad Distrital Francisco Jose de Caldas, Colombia); C. Ortiz (Universidad Distrital Francisco Jose de Caldas, Colombia); F. Gamboa (Universidad Distrital Francisco Jose de Caldas Colombia, Colombia); G. López Rubio (Universidad Pontificia de Salamanca Campus de Madrid Facultad de Ingeniería, Colombia)
1569714865	A Context Based Cryptographic Content Sharing System	Work-in-Progress	Chinmoy Mukherjee (Infosys, India); Mehak Soni (IIIT-Delhi, India); Rajarathnam Nallusamy (Infosys Limited,
1569759507	A Digital Watermarking for Anaglyph 3D Images	Work-in-Progress	Sanjay R. Zadokar (Pune University, India); Vishal B. Raskar (Pune University, India); Sachin V. Shinde (Bharati Vidyapeeth Deemed University, India)
1569762091	Detecting SOQL-Injection Vulnerabilities in SalesForce Applications	Work-in-Progress	Amitabh Saxena (Accenture Technology Labs, India); Shubhashis Sengupta (Accenture Technology Labs, India); Pradeepkumar Duraisamy (Accenture Technology Labs, India); Vikrant Kaulgud (Accenture Technology Labs, India); Amit Chakraborty (Accenture Technology Labs,

S9: Data Mining, Clustering and Intelligent Information Systems – II

1569760245	Crowd Density Estimation Based on Optical Flow and Hierarchical Clustering	Regular Paper	Aravinda S. Rao (The University of Melbourne, Australia); Jayavardhana Gubbi (The University of Melbourne, Australia); Slaven Marusic (The University of Melbourne, Australia); Paul Stanley (ARUP, Australia); Marimuthu Palaniswami (The University of Melbourne, Australia)
1569761529	Data Labeling Method Based on Cluster Purity Using Relative Rough Entropy for Categorical Data Clustering	Regular Paper	H. Venkateswara Reddy (Vardhaman College of Engineering, India); S. Viswanadha Raju (JNTUH College of Engineering, India); Pratibha Agrawal (University of Delhi, India)
1569755691	Location Based Personalized Restaurant Recommendation System for Mobile Environments	Regular Paper	Anant Gupta (VIT University, India); Kuldeep Singh (Deloitte Consulting India Private Limited, India)
1569760387	KF-PSO: Hybridization of Particle Swarm Optimization and Kernel-Based Fuzzy C Means Algorithm	Regular Paper	D. Binu (Aloy Labs, India); Aloysius George (Aloy Labs, India)
1569761531	Study of Spectral Reflectance Characteristics of Asphalt Road Surface Using Geomatics Techniques	Regular Paper	Pankaj Pratap Singh (IIT Roorkee, India); R. D. Garg (IIT Roorkee, India)
1569758145	Using Formal Concept Analysis for Mining Hyomethylated Genes Among Breast Cancer Tumors Subtypes	Regular Paper	Islam Ibrahim Amin (University of Cairo, Egypt); Samar K. Kassim (Ain Shams University, Egypt); Aboul Ella Hassanien (University of Cairo, Egypt); Hesham A. Hefny (University of Cairo, Egypt)
1569758993	Suffix Stripping Algorithm for Kannada Information Retrieval	Regular Paper	Yashaswini Hegde (NIE Institute of Technology Mysore, India); Shubha Kadambe (Rockwell Collins, USA); Prashantha Naduthota (Freelancer, India)
1569760599	Modified Artificial Bee Colony Algorithm Using Differential Evolution and Polynomial Mutation for Real-Parameter Optimization	Regular Paper	Aditya Narayan Hati (IIT Kharagpur, India); Rajkumar Darbar (NIT Durgapur, India); Nanda Dulal Jana (NIT Durgapur, India); Jaya Sil (Bengal Engineering and Sc. University, India)
1569760845	sArAmsha - A Kannada Abstractive Summarizer	Regular Paper	Varsha R. Embar (MSRIT, India); Surabhi R. Deshpande (MSRIT, India); A. K. Vaishnavi (MSRIT, India); Vishakha Jain (MSRIT, India); Jagadish S. Kallimani (Jawaharlal Nehru Technological University, India)
1569762401	Primal-Dual Parallel Algorithm for Continuous Aggregate Query Dissemination	Regular Paper	Mahesh Gadiraju (S. R. K. R. Engineering College, India); Vastavayi Valli Kumari (Andhra University, India)

S10: Advanced Micro Architecture Techniques & MEMS Technologies – I

1569741789	Efficient Carry Select Adder using 0.12μm Technology for Low Power Applications	Regular Paper	A. Ramakrishna Reddy (MRITS, India); M. Parvathi (MRITS, India)
1569756043	A Novel Zero Overhead Obfuscation Technique for Securing FPGA Designs	Regular Paper	Abhishek Tiwari (Centre for Development of Advanced Computing, India)
1569757255	An Efficient Intersection Avoiding Rectilinear Routing Technique in VLSI	Regular Paper	Partha Pratim Saha (MCKV Institute of Engineering, India); Sumanta Saha (MCKV Institute of Engineering, India); Tuhina Samanta (Bengal Engineering and Science University, Shibpur, India)
1569757527	Performance Analysis of Cosimulating Processor Core in VHDL and SystemC	Regular Paper	Syed Saif Abrar (Tallinn University of Technology, Estonia); A. Shyam Kiran (Amrita School of Engineering, Bangalore, India); Maksim Jenihhin (Tallinn University of Technology, Estonia); Jaan Raik (Tallinn University of Technology, Estonia); C. Babu (Amrita Vishwa Vidyapeetham, India)
1569758235	An Optimum ADC Output Word Length Selection for Low Power Communication Architectures	Regular Paper	N. Alivelu Manga (JNTU, Hyderabad, India); M. Madhavi Latha (JNTU, Hyderabad, India)
1569759013	CPL-Adiabatic Gated Logic (CPLAG) XOR Gate	Regular Paper	Manoj Sharma (BVCOE, India); Arti Noor (Centre for Development of Advanced Computing, Noida, India)
1569759019	Design of Basic Gates Using ECRL and PFAL	Regular Paper	Ashmeet Kaur Bakshi (BVCOE, India); Manoj Sharma (BVCOE, India)
1569755637	D-Logic Exploration: Rapid Search of Pareto Fronts During Architectural Synthesis of Custom Processors	Regular Paper	Anirban Sengupta (Indian Institute of Technology Indore, India); Vipul Kumar Mishra (Indian Institute of Technology Indore, India)
1569757139	Polarization Encoded Optical Shadow Casting Logic Units: Design of Trinary Half Subtractor Using Various Input Coding Scheme	Regular Paper	Abdullah Al Hadi (Instituto Superior Technico, Portugal); Jamal Uddin Ahmed (Ahsanullah University of Science and Technology, Bangladesh)
1569758439	On the Sum-of-Squares-Modulus Indicator of <italic>q</italic>-ary Functions	Regular Paper	Deep Singh (IIT Roorkee, India); Maheshanand Bhaintwal (IIT Roorkee, India)
1569758653	Design and FPGA Implementation of an 2D Gaussian Surround Function with Reduced on-Chip Memory Utilization	Regular Paper	M. C. Hanumantharaju (Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore, India); M. Ravishankar (DSCE, Bangalore, India); D. R. Rameshbabu (DSCE, Bangalore, India)

S11: Wireless Communications and Mobile Computing – II

1569757297	An Adaptive Cross-Layer Routing Protocol for Delay-Sensitive Applications Over MANETs	Regular Paper	Chhagan Lal (Malaviya National Institute of Technology, India); Vijay Laxmi (Malaviya National Institute of Technology, India); Manoj Singh Gaur (Malaviya National Institute of Technology, India)
1569757299	ns-3 Emulation on ORBIT Testbed	Regular Paper	Sonal Yadav (Malaviya National Institute of Technology, India); M. S. Gaur (Malaviya National Institute of Technology, India); V. Laxmi (Malaviya National Institute of Technology, India)
1569761485	A Novel Cross Layer Routing and Interface Assignment in Multi-Radio Wireless Mesh Network	Regular Paper	D. G. Narayan (B. V. Bhoomraddi College of Engineering and Technology, India); Pavan Gandmali (B. V. Bhoomraddi College of Engineering and Technology, India); Uma Mudenagudi (B. V. Bhoomraddi College of Engineering and Technology, India)
1569762011	Design and Implementation of User Interactive Wireless Smart Home Energy Management System	Regular Paper	Aryadevi Remanidevi Devidas (Amrita Vishwa Vidyapeetham, India); T. S. Subeesh (Amrita University Kollam Kerala India, India); Maneesha Vinodini Ramesh (Amrita University, India)
1569758727	Performance Enhancement of Optical QPSK Systems with Coherent Reception for High Speed Links	Regular Paper	D. Jokhakar Jignesh (NITK, Surathkal, India); U. Sripatia (NITK, Surathkal, India); Muralidhar Kulkarni (NITK, Surathkal, India)
1569760503	Physical Layer Authentication for Mobile Terminals Over MIMO Fading Wiretap Channels	Regular Paper	Mahendra Kumar Shukla (ABV-Indian Institute of Information Technology and Management Gwalior, India); Aditya Trivedi (ABV-Indian Institute of Information Technology and Management Gwalior, India); Om Jee Pandey (ABV-Indian Institute of Information Technology and Management Gwalior, India)
1569761135	Impact of Spatial Expansion on Channel Estimation Accuracy in HT and VHT Wireless LAN Systems	Regular Paper	Syed Zeeshan Ismail (Uurmi Systems Pvt. Ltd., India); Nanda Kishore Chavali (Uurmi Systems Pvt. Ltd., India)
1569761223	Performance Evaluation of New Multi Level Spreading Codes for DS CDMA Communication Over Rayleigh Fading Channel	Regular Paper	Usha Kamle (Osmania University, India); K. Jaya Sankar (Osmania University, India)
1569761937	Evaluation of Spectrum Usage for GSM Band in Indoor and Outdoor Scenario for Dynamic Spectrum Access	Regular Paper	Kishor Patil (Aalborg University, Denmark); Snehal Barge (University of Pune, India); Knud Skouby (Aalborg University, Denmark); Ramjee Prasad (Aalborg University, Denmark)
1569758437	Packet Loss Estimation Using Poisson Random Process for Improving Multimedia Transmission in MANETs	Regular Paper	Syed Jalal Ahmad (JNTUH, India); A. Damodaram (JNTUH, India); V. S. K. Reddy (IIT Kharagpur, India); P. Radha Krishna (Infosys Limited, Hyderabad, India)
1569760823	A Unique Method to Uniformly Distribute the Load in LEACH and Simulation	Regular Paper	Nitish Saboo (Department of Information Technology, National Institute of Technology Karnataka, India); Rahul Yadav (Department of Information Technology, National Institute of Technology Karnataka, India); Prajna Pandurang Bhat (Department of Information Technology, National Institute of Technology Karnataka, India); Suresh Panwar (Department of Information Technology, National Institute of Technology Karnataka, India); G. Ram Mohana Reddy (NITK, Surathkal, India)

S11: Wireless Communications and Mobile Computing – II (*Continued*)

1569761085	Microstrip-Fed Dipole Antenna for UWB Wireless Communications	Regular Paper	M. Divya (SRM University, India); J. S. Vidya (SRM University, India); Purva Shrivastava (SRM University, India); M. Susila (SRM University, India); T. Rama Rao (SRM University, India)
1569759855		Work-in-Progress	Octavio Salcedo Parra (Universidad Distrital Francisco Jose de Caldas, Colombia); Gustavo López Rubio (Universidad Pontificia de Salamanca Campus de Madrid Facultad de Ingeniería, Colombia); Fausto Gamboa Quiroga (Universidad Distrital Francisco Jose de Caldas Colombia, Colombia)

S12: Signal, Image Processing and Pattern Recognition – III

1569754657	GMM Based Approach for Human Face Verification Using Relative Depth Features	Regular Paper	Ankita Jain (KPIT Cummins Infosystems Ltd., India); Krishnan Kutty (KPIT Cummins Infosystems Ltd., India); Suresh Yerva (KPIT Cummins Infosystems Ltd., India)
1569757455	Weighted Semantic Fusion of Text and Content for Image Retrieval	Regular Paper	Nidhi Goel (University of Delhi, India); Priti Sehgal (Keshav College, University of Delhi, India)
1569757597	An Efficient Palmprint Identification System Based on an Indexing Approach	Regular Paper	M. L. Anitha (P. E. S. College of Engineering, India); K. A. Radhakrishna Rao (P. E. S. College of Engineering, India)
1569759979	Directional Edge Detection Using Parallel Cognitive Logic Cells	Regular Paper	Sherin Sugathan (Indian Institute of Information Technology and Management - Kerala, India); Alex Pappachen James (Nazarbayev University, Kazakhstan)
1569760267	Fractional Coefficients of Transformed Edge Palm Images with Cosine, Kekre and Slant Wavelet Transforms for Palm Print Identification	Regular Paper	Sudeep D. Thepade (University of Pune, India); Santwana S. Gudadhe (University of Pune, India)
1569760469	A State Transition Based Approach to Recognize Gestures Using Multi Level Color Tracking	Regular Paper	Suresh Alse (NITK, India); Shreekanthadatta Eligar (National Institute of Technology Karnataka, India); Shridhar G. Domanal (NITK, India); G. Ram Mohana Reddy (NITK, Surathkal, India)
1569755999	Two Stage Genetic Approach for Bio-Chemical Named Entity Recognition	Regular Paper	Asif Ekbal (IIT Patna, India); Sriparna Saha (IIT Patna, India)
1569756977	Multi-Oriented Video Text Detection and Extraction Using DCT Feature Extraction and Projection Based Rotation Calculation	Regular Paper	Sudir Prakash (VTU, India); M. RaviShankar (DSCE, India)
1569759111	Suppression of Gaussian Noise Using Bayesian Classifier in an Image	Regular Paper	Sarmila Padhy (NIT Rourkela, India); Swati Sagarika Padhi (BPUT, India)
1569759973	The Players of Games: Evaluating and Recording Human and AI Game Playing Behaviour	Regular Paper	Hanno Hildmann (Etisalat BT Innovation Centre, UAE)
1569760575	HMM Based Isolated Kannada Digit Recognition System Using MFCC	Regular Paper	H. Muralikrishna (Manipal Institute of Technology, India); T. Ananthakrishna (Manipal Institute of Technology, India); Kumara Shama (Manipal Institute of Technology, India)
1569760655	Hand Gesture Recognition Using Self Organizing Map for Human Computer Interaction	Regular Paper	Nagaraj N. Bhat (Birla Institute of Technology, India); Y. V. Venkatesh (National University of Singapore, Singapore); Ujjwal Karn (Birla Institute of Technology, India); Dhruv Vig (Birla Institute of Technology, India)

S13: Data Mining, Clustering and Intelligent Information Systems – III

1569812861	Unsupervised Classification Based on Decomposition of RISAT-1 Images for Oil Spill Detection	Regular Paper	Lingenahalli Jayadev Vijaya Kumara (VTU, India); J. K. Kishore (Indian Space Research Organization, India); P. Kesava Rao (Institute of Aeronautical Engineering, ISRO (Rtd), India)
1569754005	Pareto-Optimal Solutions for Question Paper Template Generation	Regular Paper	Dimple V. Paul (DM's College of Arts, Science and Commerce, Goa University, India); Jyoti D. Pawar (Goa University, India)
1569758033	Adaptive Neuro-Fuzzy Classifier for 'Petit Mal' Epilepsy Detection Using Mean Teager Energy	Regular Paper	K. Gopika Gopan (Mahatma Gandhi University, India); A. Harsha (Mahatma Gandhi University, India); Liza Annie Joseph (Mahatma Gandhi University, India); Eldho S. Kollialil (Mahatma Gandhi University, India)
1569759123	Blocking Artifacts Reduction for Highly Compressed Frames with Adaptive Threshold	Regular Paper	Pratik K. Pasiyawala (Sarvajanik College of Engineering & Technology Surat, India); Nehal N. Shah (Sarvajanik College of Engineering & Technology Surat, India)
1569757883	A Novel Algorithm for Determinant Calculation of NxN Matrix	Work-in-Progress	Sayed Mostafa Taheri (University College London (UCL), United Kingdom); Jafar Boostanpour (Ferdowsi University of Mashhad (FUM), Iran); Bahareh Mohammadi (BAHAR Institute of Higher Education, Iran)
1569758619	An Improved Matching Functions for Information Retrieval Using Genetic Algorithm	Work-in-Progress	Anuradha D. Thakare (University of Pune, India); C. A. Dhote (Amravati University, India)
1569762745	Comparative Structure of Homoeopathy Language with Other Medical Languages in Machine Translation System	Work-in-Progress	Sanjay K. Dwivedi (Babasaheb Bhimrao Ambedkar University, India); Pramod P. Sukhadeve (Babasaheb Bhimrao Ambedkar University, India)
1569746519	Intelligent Plagiarism Detection Mechanism Using Semantic Technology: A Different Approach	Work-in-Progress	Juhi Agarwal (Graphic Era University, India); R. H. Goudar (Graphic Era University, India); Pratik Kumar (Graphic Era University, India); Nishkarsh Sharma (Graphic Era University, India); Vishesh Parshav (Graphic Era University, India); Robin Sharma (Graphic Era University, India); Anubhav Srivastava (Graphic Era University, India); Sreenivasa Rao (Jawaharlal Nehru Technological University, Hyderabad, India)
1569758793	Forecasting of Ionospheric Time Delay Using Holt-Winter Method for GPS Applications in Low Latitude Region	Work-in-Progress	Venkateswarlu Ginkala (Vasavi College of Engineering, India); Shoeb Mohammad (Osmania University, India); A. D. Sarma (Research &Training Unit for Navigational Electronics, India)
1569787371	Survey of Disease Outbreak Notification Systems	Work-in-Progress	Farag Azzedin (King Fahd University of Petroleum & Minerals, Saudi Arabia); Jaweed Yazdani (King Fahd University of Petroleum & Minerals, Saudi Arabia); Mustafa Ghaleb (King Fahd University of Petroleum & Minerals, Saudi Arabia)
1569808471	A Comparative Analysis of Image Transformations for Handwritten Odia Numeral Recognition	Work-in-Progress	Tusar Kanti Mishra (National Institute of Technology Rourkela, India); Banshidhar Majhi (National Institute of Technology Rourkela, India); Sandeep Panda (National Institute of Technology Rourkela, India)

S14: Cloud Computing and Networked Systems – II

1569760591	DisTree : A Scheme for DHT	Regular Paper	Niteesh Kumar (Indian Institute of Technology, Guwahati, India); Sukumar Nandi (Indian Institute of Technology, Guwahati, India)
1569761127	Privacy and Trust in Cloud Database Using Threshold-Based Secret Sharing	Regular Paper	Rahul Dutta (National Institute of Technology Karnataka, India); B. Annappa (National Institute of Technology Karnataka Surathkal, India)
1569762085	Controlling and Monitoring Process in Industrial Automation Using Zigbee	Regular Paper	M. Barathi Kannamma (SASTRA University, India); B. Chanthini (SASTRA University, India); D. Manivannan (SASTRA University, India)
1569762031	CR Based WSAN for Field Area Network in Smart Grid	Regular Paper	Mirza Sami Baig (Indian Institute of Technology Hyderabad, India); Srinit Das (National Institute of Technology Rourkela, India); Pachamuthu Rajalakshmi (Indian Institute of Technology Hyderabad, India)
1569762193	Modes Preserving Wavelet Based Multi-Scale PCA Algorithm for Compression of Smart Grid Data	Regular Paper	Rachit Mehra (VJTI, India); Viresh Patel (Mumbai University, India); Faruk Kazi (VJTI, India); N. M. Singh (VJTI, India);
1569758421	A Fundamental Traffic Management Strategy for Mobile Opportunistic Network	Regular Paper	Suvadip Batabyal (Jadavpur University, India); Parama Bhaumik (Jadavpur University, India)
1569770257	A Review of New Advances in Resource Discovery Approaches in Unstructured P2P Networks	Regular Paper	Fatemeh Sharifkhani (Azad University, Iran); Mohammad Reza Pakravan (Sharif University of Technology, Iran)
1569743153	Development of Multitenant SaaS Framework at Single Instance and with Zero Effort Multitenancy	Work-in-Progress	Sonali S. Kale (Smt. Kashibai Navale COE, Pune University, India); Ravindra H. Borhade (Smt. Kashibai Navale COE, Pune University, India)
1569761079	Deadline and Cost Based Workflow Scheduling in Hybrid Cloud	Work-in-Progress	Nitish Chopra (Panjab University, India); Sarbjeet Singh (Panjab University, India)
1569761713	E-Government Cloud Computing Proposed Model: Egyptian E_Government Cloud Computing	Work-in-Progress	Maha Attia Hana (CIC, Egypt)
1569760865	Big Data on Small Screens	Work-in-Progress	Aditya R. Desai (B V B College of Engineering and Technology Hubli, India)
1569806745	Resource Optimization and Cost Reduction by Dynamic Virtual Machine Provisioning in Cloud	Work-in-Progress	Suhradam Patel (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India); Rakesh Kumar Bhujade (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India); Amit Sinhal (Technocrats Institute of Technology, Bhopal, India); Sugney Kathrotia (Gujarat Technological University, India)

S15: Advanced Micro Architecture Techniques & MEMS Technologies – II

1569760535	Towards the Design of Fault Tolerant Reversible Circuits Components of ALU Using New PCMF Gate	Regular Paper	Rakshith Saligram (B M S College of Engineering, India); T. R. Rakshith (R V College of Engineering, India)
1569760911	A Multi Parametric Optimization Based Novel Approach for an Efficient Design Space Exploration for ASIC Design	Regular Paper	TulasiKrishna Parvathaneni (VIT University, Chennai, India); Priyam Sachdeva (VIT University, India); Suraj Kumar Dhanuka (VIT University, Chennai, India); Mohit Gagrani (VIT University, India); Pallabi Sarkar (VIT University, Chennai, India)
1569758689	Modified Error Insertion Technique for Information Set Based Decoders	Regular Paper	Girija Ramesan Karthik (Amrita University, India)
1569753097	A Low Voltage Wide Swing Level Shifted FVF Based Current Mirror	Regular Paper	Bhawna Aggarwal (Guru Govind Singh Indraprastha University, India) Maneesha Gupta (Netaji Subhas Institute of Technolgy, India) Anil Kumar Gupta (National Institute of Technology,
1569753439	A Randomized Methodology for Post-Silicon Validation of CAN and Other Communication Modules	Regular Paper	Debabrata Ghosh (Infineon Technologies, India); Ramasamy Subramanian (Infineon Technologies, Singapore); Vinay Murthy (Infineon Technologies, India)
1569760213	GPU Accelerated Relational Hash Join Operation	Regular Paper	N. Devarajan (SSN College of Engineering, India); S. Navneeth (SSN College of Engineering, India); S. Mohanavalli (SSN College of Engineering, India)
1569761479	A New Customized Testing Technique Using a Novel Design of Droplet Motion Detector for Digital Microfluidic Biochip Systems	Regular Paper	Pranab Roy (Bengal Engineering & Science University, Shibpur, India); Hafizur Rahaman (Bengal Engineering & Science University, Shibpur, India); Parthasarathi Gupta (Bengal Engineering & Science University, Shibpur, India); Parthasarathi Dasgupta (Indian Institute of Management Calcutta, India)
1569707497	A Novel State Metric Normalization Technique for High-Throughput Maximum-a-Posteriori-Probability Decoder	Regular Paper	Rahul Shrestha (Indian Institute of Technology Guwahati, India) Roy Paily (Indian Institute of Technology Guwahati, India)
1569758433	Design and FPGA Implementation of Block Synchronizer for Viterbi Decoder	Regular Paper	Satish Sharma (ISRO Satellite Centre, India); Sunil (ISRO Satellite Centre, India); H. S. Vasudevamurthy (ISRO Satellite Centre, India); N. Valarmathi (ISRO Satellite
1569762339	A Novel Monolithic Integrated Phased Array Antenna Using 4-Bit Distributed MEMS Phase Shifter and Triangular Patch Antenna	Regular Paper	Anamika Das (Lovely Professional University, India); Manish Puri (Lovely Professional University, India); Jitendra Singh Sengar (Lovely Professional University, India)

S16: Signal, Image Processing and Pattern Recognition –IV

1569760777	A Novel Gaussian Firefly Algorithm for ROI Extraction from Medical Images	Regular Paper	Anita Sahoo (JSS Academy of Technical Education, India); Satish Chandra (Jaypee Institute of Information Technology, India)
1569761455	Kinect Based Real-Time Gesture Spotting Using HCRF	Regular Paper	Mahesh Chikkanna (National Institute of Technology Karnataka, India); Ram Mohana Reddy Guddeti (NITK, Surathkal, India)
1569761545	Phoneme Independent Pathological Voice Detection Using Wavelet Based MFCCs, GMM-SVM Hybrid Classifier	Regular Paper	C. M. Vikram (Sri Jaya Chamarajendra College of Engineering, India); K. Umarani (Sri Jaya Chamarajendra College of Engineering, India)
1569760379	Syllable Based Continuous Speech Recognizer with Varied Length Maximum Likelihood Character Segmentation	Regular Paper	Akila A. Ganesh (DJ Academy for Managerial Excellence, India); Chandra Ravichandran (Bharathiar University, India)
1569761137	Fusion Based Denoise-Engine for Underwater Images Using Curvelet Transform	Regular Paper	M. Shanmugasundaram (Erode Arts and Science College, India); S. Sukumaran (Sri Krishna College of Engineering and Technology, India); N. Shanmugavadivu (Erode Arts and Science College, India)
1569761363	GLC Based Multi Label Image Annotation	Regular Paper	S. Chitrakala (Anna University, India); S. P. Surendernath (Anna University, India); N. Roophini (College of Engineering, Guindy, India)
1569761997	Baseball Hand Tracking from Monocular Video	Regular Paper	Kishore Venkateshan (PES Institute of Technology, Bangalore South Campus, India); Arvind Shekar (PES Institute of Technology, Bangalore South Campus, India); Snehanshu Saha (PES Institute of Technology, Bangalore South Campus, India)
1569762047	Performance Rise in Content Based Video Retrieval Using Multi-Level Thepade's Sorted Ternary Block Truncation Coding with Intermediate Block Videos and Even-Odd Videos	Regular Paper	Sudeep D. Thepade (Pimpri-Chinchwad College of Engineering, Akurdi, Pune, India); Krishnasagar S. Subhedarpage (Pimpri-Chinchwad College of Engineering, Akurdi, Pune, India); Ankur A. Mali (Pimpri-Chinchwad College of Engineering, Akurdi, Pune, India)
1569760933	Trace Transform Based Identifier for Speech Based Image Retrieval on Mobile Phones	Regular Paper	S. M. Meena (B.V.Bhoomaraddi College of Engg and Technology, India); Sachin S. Shetty (BVBCET, Hubli, India)
1569761275	Ensemble Based Active Annotation for Biomedical Named Entity Recognition	Regular Paper	Mridula Verma (Delhi Technological University, India); Utpal Sikdar (IIT Patna, India); Sriparna Saha (IIT Patna, India); Asif Ekbal (IIT Patna, India)
1569761309	Rational Value Sequence Based Singular Value Decomposition for Facial Recognition	Work-in-Progress	Ganeshayya I. Shidaganti (Sambhram Institution of Technology, India); Satyadhyan Chickerur (B.V. Bhoomaraddi College of Engineering & Technology, Hubli, Karnataka, India)

S17: Sensor Networks, MANET and VANET – I

1569756769	Improving Recovery Probability of Mobile Hosts Using Secure Checkpointing	Regular Paper	Suparna Biswas (West Bengal University of Technology, India); Sarmistha Neogy (Jadavpur University, India)
1569740583	ZEEP: Zone Based Energy Efficient Routing Protocol for Mobile Sensor Networks	Regular Paper	Juhi R. Srivastava (Amrita Vishwa Vidyapeetham, India); T. S. B. Sudarshan (Amrita School of Engineering, India)
1569756813	A Distributed Fault-Tolerant Clustering Algorithm for Wireless Sensor Networks	Regular Paper	Md Azharuddin (Indian School of Mines, India); Pratyay Kuila (Indian School of Mines, India); Prasanta K. Jana (Indian School of Mines, India)
1569744937	Deployment of Multiple Base-Stations in Clustering Protocols of Wireless Sensor Networks (WSNs)	Regular Paper	N. GouthamSekhar Reddy (International School of Information Management, Mysore, India); Neeranjan Chitare (GuruNanak Institute of Engineering and Management, Nagpur, India); Srinivas Sampalli (Dalhousie University, Canada)
1569756671	An Unequally Clustered Multihop Routing Protocol for Wireless Sensor Networks	Regular Paper	U. Hari (SRM University, India); B. Ramachandran (SRM University, India); Chris Johnson (SRM University, India)
1569746619	BDCP: A Backoff-Based Distributed Clustering Protocol for Wireless Sensor Networks	Regular Paper	Tarachand Amgoth (Indian School of Mines Dhanbad, India); Prasanta K. Jana (Indian School of Mines Dhanbad, India)
1569757137	Energy-Efficient Edge-Based Network Partitioning Scheme for Wireless Sensor Networks	Regular Paper	K. Muni Venkateswarlu (National Institute of Technology Karnataka, Surathkal, India); A. Kandasamy (National Institute of Technology Karnataka, Surathkal, India); K. Chandrasekaran (National Institute of Technology Karnataka, Surathkal, India)
1569757361	Reactive Security Scheme Using Behavioral Aspects of Attacks for Wireless Sensor Networks	Regular Paper	Roshan Zameer Ahmed (Reva Institute of Technology and Management, India); Anusha Anigol (Reva Institute of Technology and Management, India); R. C. Biradar (Reva Institute of Technology and Management, India)
1569758737	Analysis of Cautious Adaptive RED (CARED)	Regular Paper	Mohit P. Tahiliani (National Institute of Technology Karnataka, Surathkal, India); K. C. Shet (National Institute of Technology Karnataka, Surathkal, India)

S18: Sensor Networks, MANET and VANET – II

1569758031	A Scriptable Rapid Application Deployment Framework for Sensor Networks	Regular Paper	Sanat Sarangi (Indian Institute of Technology, Delhi, India); Subrat Kar (Indian Institute of Technology, Delhi, India)
1569747391	Meeting QoS-Assured Multi-Hop Connectivity Requirements in Vehicular Ad Hoc Networks	Regular Paper	A. V. Babu (National Institute of Technology Calicut, India)
1569759839	A Pilot Study of Urban Noise Monitoring Architecture Using Wireless Sensor Networks	Regular Paper	Jayavardhana Gubbi (The University of Melbourne, Australia); Slaven Marusic (The University of Melbourne, Australia); Aravinda S. Rao (The University of Melbourne, Australia); Yee Wei Law (The University of Melbourne, Australia); Marimuthu Palaniswami (The University of Melbourne, Australia)
1569759355	Real Time Cooperative Path Planning for Multi-Autonomous Vehicles	Regular Paper	Sobers L. X. Francis (University of New South Wales, Australia); Sreenatha G. Anavatti (University of New South Wales, Australia); Matthew Garratt (University of New South Wales, Australia)
1569758455	On Implementing Graded Precision Localization with Sensor Networks in Indoor Spaces	Regular Paper	Sanat Sarangi (Indian Institute of Technology, Delhi, India); Subrat Kar (Indian Institute of Technology, Delhi, India)
1569760783	BHCDA:Bandwidth Efficient Heterogeneity Aware Cluster Based Data Aggregation for Wireless Sensor Network	Regular Paper	Dnyaneshwar Mantri (Aaborg University, Denmark); Neeli Rashmi Prasad (Center for TeleInFrastructure (CTIF), Denmark); Ramjee Prasad (Aaborg University, Denmark)
1569760957	Energy Efficient Audio Compression Scheme Based on Red Black Wavelet Lifting for Wireless Multimedia Sensor Network	Regular Paper	Ipsita Dutta (Bengal Engineering and Science University, Shibpur, India); Rajib Banerjee (B. C. Roy Engineering College, India); Sipra Das Bit (Bengal Engineering and Science University, India)
1569746823	Enhanced Beaconless Routing Mechanism in VANET	Work-in-Progress	Bency Wilson (Rajagiri School of Engineering and Technology, India); K. G. Preetha (Rajagiri School of Engineering and Technology, India)

S19: Multimedia, Video Systems and Human Computer Interaction

1569760019	Extracting and Evaluating Assistive Summary for Reading Difficulties	Regular Paper	K. Nandhini (National Institute of Technology, India); S. R. Balasundaram (National Institute of Technology,
1569756677	A Low Cost Smart Shopping Facilitator for Visually Impaired	Regular Paper	M. Mathankumar (KRCT, India); N. Sugandhi (Muthayammal Engineering College, India)
1569773333	Topic Dependent Cross-Word Spelling Corrections for Web Sentiment Analysis	Regular Paper	Swapnil Ashok Jadhav (National Institute of Technology Warangal, India); D. V. L. N. Somayajulu (National Institute of Technology Warangal, India); S. Nagesh Bhattu (National Institute of Technology, India); R. B. V. Subramanyam (National Institute of Technology, India); P. Suresh (Infosys Limited, India)
1569762063	WiCard: A Context Aware Wearable Wireless Sensor for Cardiac Monitoring	Regular Paper	Abishek Thekkeyil Kunnath (Amrita Vishwa Vidyapeetham, India); Dilraj Nadarajan (Amrita University, India); Manesh Mohan (Amrita University, India); Maneesha V. Ramesh (Amrita Vishwa Vidyapeetham, India)
1569759797	PCA Based Single Channel Speech Enhancement Method for Highly Noisy Environment	Regular Paper	Sangita Bavkar (University of Pune, India); Shashikant Sahare (Cummins College of Engineering for Women, Pune, India)
1569758507	Classification of Archaeological Monuments for Different Art Forms with an Application to CBIR	Regular Paper	Padmashree Desai (VTU, India); Jagadeesh Pujari (Gulbarga University (Deputed from S.D.M. College of Engg. & Tech., Dharwad.), India); N. H. Ayachit (BVBCET, India);
1569740945	A Study on Indoor Navigation Techniques Using Smartphones	Work-in-Progress	Manasvi Jain (Siemens Technology and Services Pvt. Ltd., India); C. P. Rahul Raj (Siemens Technology and Services Pvt. Ltd., India); SeshuBabu Tolety (Siemens Technology and Services Pvt. Ltd., India)
1569784767	Primary Education for the Specially-Abled	Work-in-Progress	Saarthak Chandra (National Institute of Technology Karnataka, Surathkal, India); M. Sagar (National Institute of Technology, Surathkal, India); Pushpanjali Rout (National Institute of Technology, Karnataka Surathkal, India); Pranay Khattri (National Institute of Technology Karnataka, India); Shridhar Domanal (NITK, India); Ram Mohana Reddy Guddeti (NITK, Surathkal, India)

S20: Internet and Web Computing – I

1569759637	Application of a Non-Cooperative Game Theory Based Traffic Assignment	Regular Paper	Caixia Li (The University of New South Wales, Australia); Sreenatha Gopalarao Anavatti (The University of New South Wales, Australia); Tapabrata Ray (The University of New South Wales, Australia)
1569757331	Apriori Resource-Determination Based Task Scheduling Algorithm (ARTS)	Regular Paper	Sanath S. Shenoy (Siemens, India); C. R. Vijeth (Siemens, India); Raghavendra Eeratta (Siemens Technology and Services Pvt Ltd, India)
1569758515	Multiple E-mail Address Certificate	Regular Paper	M. Tariq Banday (University of Kashmir, India); Shafiya Afzal Sheikh (University of Kashmir, India)
1569759057	Artificial Intelligence Learning Based on Proportional Navigation Guidance	Regular Paper	Chethan Chithapuram (Moog India Technology Center, India); Yogananda Jeppu (Moog India Technology Center, India); Cherukuri Aswani Kumar (VIT University, India)
1569757801	Heuristic for Maximum Matching in Directed Complex Networks	Regular Paper	Ayan Chatterjee (Jadavpur University, India); Debayan Das (Jadavpur University, India); Mrinal K. Naskar (Jadavpur University, India); Nabamita Pal (Techno India Salt-lake, India); Amitava Mukherjee (IBM India Pvt Ltd, Calcutta, India)

S21: Internet and Web Computing – II

1569717531	An Ontology Based System for Social Networking for Health Application Support	Regular Paper	Ahmed Loubiri (University of Quebec at Montréal, Canada); Abdel Obaid (University of Quebec at Montréal, Canada); Fatiha Sadat (University of Quebec at Montréal,
1569760229	Enhancing the Performance of Web Proxy Server Through Cluster Based Prefetching Techniques	Regular Paper	Nanhay Singh (Ambedkar Institute of Advanced Communication Technologies & Research, India); Arvind Panwar (Ambedkar Institute of Advanced Communication Technologies & Research, India); Ram Shringar Raw (Ambedkar Institute of Advanced Communication Technologies & Research, India)
1569726731	Blog Text Analysis Using Topic Modeling, Named Entity Recognition and Sentiment Classifier Combine	Work-in-Progress	Pranav Waila (Banaras Hindu University, India); V. K. Singh (Banaras Hindu University, India); M. K. Singh (Banaras Hindu University, India)
1569761855	Information Diffusion Model for Spread of Misinformation in Online Social Networks	Regular Paper	K. P. Krishna Kumar (BITS-Pilani, Hyderabad Campus, India); G. Geethakumari (BITS-Pilani, Hyderabad Campus, India)
1569772255	Survey and Analysis of Temporal Link Prediction in Online Social Networks	Work-in-Progress	Yugchhaya Dhote (SOIT, RGPV, India); Nishchol Mishra (SOIT, RGPV, India); Sanjeev Sharma (Rajiv Gandhi Technological University, India)
1569760425	Bridging the Gap Between Traditional and Online Shopping Methods for Indian Customers Through Digital Interactive Experience	Work-in-Progress	Raina Agarwal (Indian Institute of Technology Guwahati, India); Y. Pradeep (Indian Institute of Technology Guwahati, India)
1569754241	Evolving Conspicuous and Profligate Web Applications	Work-in-Progress	Rachit M Garg (Infosys Ltd., Mysore, India); Mohpreet Singh (Infosys, Hebbal Electronic City, Mysore, india, India); Surabhi Dharmendra Pandey (AMRITA VISHWAVIDYAPEETHAM, India)
1569760209	Cost Effective Dynamic Packaging Systems in E-Tourism Using Semantic Web	Work-in-Progress	Juhi Agarwal (Graphic Era University, India); R H Goudar (Graphic Era University, India); Nishkarsh Sharma (Graphic Era University, India); Pratik Kumar (Graphic Era University, India); Vishesh Parshav (Graphic Era University, India); Robin Sharma (Graphic Era University, India); Sreenivasa Rao (Director, Jawaharlal Nehru Technological University, Hyderabad, India)

S22: Bioinformatics and Bio-Computing

1569771563	A Parameter Free Algorithm of Cooperative Genetic Algorithm for Nurse Scheduling Problem	Regular Paper	Makoto Ohki (Graduate School of Tottori University, Japan); Satoru Kishida (Graduate School of Tottori University, Japan)
1569772521	Predicting 3D Structure of Proteins from Genomic Sequences: A Genetic Algorithm Approach	Regular Paper	Jyotshna Dongardive (University of Mumbai, India); Siby Abraham (University of Mumbai, India)
1569741649	Eagle Strategy with Flower Algorithm	Regular Paper	Xin-She Yang (Middlesex University, United Kingdom); Suash Deb (C. V. Raman College of Engineering, India); Xingshi He (Xi'an Polytechnic University, P.R. China)
1569762137	An Improved Hybrid Neuro Fuzzy Genetic System (I-HNFGS) for Protein Secondary Structure Prediction from Amino Acid Sequence	Regular Paper	Andey Krishnaji (Swarnandhra College of Engineering and Technology, India); Allam Appa Rao (Director, AIMSCS, University of Hyderabad Campus, Gachibowli Hyderabad, India)
1569758465	Protein Multiple Sequence Alignment Based on Secondary Structure Similarity	Regular Paper	Sarvenaz Hamidi (Ferdowsi University of Mashhad, Iran); Mahmod Naghibzadeh (full Computer Engineering at Ferdowsi University, Iran); Javad Sadri (University of Birjand, Iran)
1569761393	A Novel Approach for Diagnosis and Severity Grading of Diabetic Maculopathy	Regular Paper	Adarsh Punnolil (Anna University Chennai, India)
1569762369	New Quantum Inspired Meta-Heuristic Methods for Multi-Level Thresholding	Regular Paper	Sandip Dey (Camellia Institute of Technology, India); Indrajit Saha (Jadavpur University, India); Ujjwal Maulik (Jadavpur University, India); Siddhartha Bhattacharyya (RCC Institute of Information Technology, India)
1569765435	Directed Artificial Bat Algorithm (DABA) – A New Bio-Inspired Algorithm	Work-in-Progress	Amr Rekaby (Egyptian Research and Scientific Innovation Lab, Egypt)

ISEI: International Symposium on Education Informatics (ISEI – 2013)

1569766045	On Wideband Comb Compensator	Regular Paper	Godana Jovanovic Dolecek (INAOE, Mexico)
1569773577	Unimate: A Student Information System	Regular Paper	Prabhu T. Kannan (Arizona State University - Poly Campus, USA); Srividya K Bansal (Arizona State University - Poly Campus, USA)
1569773967	The Use and Impact of ICT for HEP in India	Regular Paper	Anmol Aggarwal (Guru Gobind Singh Indraprastha University, India); Nikhilesh Chhabra (Bharati Vidyapeeth's College of Engineering, India); Manoj Sharma (BVCOE, India)
1569774459	A Review of Paradigm Shift from Conventional to Personalized e-Learning	Regular Paper	Manish Joshi (North Maharashtra University, India); Ravindra Vaidya (ME Society's Institute of Management and Career Courses, India)

KiSE: International Symposium on Knowledge-intensive Software Engineering (KiSE'13)

1569729315	Usability Evaluation of PS Using SUMI (Software Usability Measurement Inventory)	Regular Paper	Rajesh Hanmanthrao Kulkarni (Bhivarabai Sawant College Of Engineering and Research, India); Palloncha Padmanabham (Bharat Institute of Engineering and Technology, India); Varsha Sagare (Bhivarabai Sawant College Of Engineering and Research, India); Vipul Maheshwari (Bhivarabai Sawant College Of Engineering and Research, India)
1569759841	A Neuro-Fuzzy Classifier for Website Quality Prediction	Regular Paper	Ruchika Malhotra (Delhi Technological University, India); Anjali Sharma (National Physical Laboratory, India)
1569764195	Knowledge-Theoretic Methods for Certification of Cloud-Based Network Systems	Regular Paper	Kaliappa Ravindran (City University of New York, USA)
1569770779	A Software for Insurance Consultancy	Regular Paper	Yachna Gupta (Vellore Instute Of Technology, India); Anmol Sarwana (Vellore Institute of Technology, India); Meenal Gogia (Vellore Institute Of Technology, India); M. K. Nallakaruppan (Vellore Institute Of Technology,

GNDS: International Symposium on Green Networks and Distributed Systems (GNDS-2013)

1569792707	Experimental Analysis of an Event Tracking Energy-Efficient WSN	Regular Paper	Ravi Kishore Kodali (National Institute of Technology, Warangal, India)
1569787083	Network Adaptive Round-Time Clustering Algorithm for Wireless Sensor Networks	Regular Paper	Vipin Pal (MNIT, Jaipur, India); Girdhari Singh (MNIT, Jaipur, India); R. P. Yadav (Rajasthan Technical University, Kota, India)
1569790345	Energy Efficiency and Latency Improving Protocol for Wireless Sensor Networks	Regular Paper	Dilip D. Chaudhary (Sinhgad Institute of Technology, Lonvala, India); L. M. Waghmare (SGGS Institute of Engg and Tech, Nanded, Maharashtra, India)
1569792049	SVM Based Data Redundancy Elimination for Data Aggregation in Wireless Sensor Networks	Regular Paper	Prakashgoud Patil (B V Bhoomaraddi College of Engineering and Technology, India); Umakant Kulkarni (SDM Engineering College, India)
1569792069	A Bottom-Up Approach Towards Achieving Semantic Web Services	Regular Paper	S. Sowmya Kamath (National Institute of Technology, Surathkal, India); V. S. Ananthanarayana (NITK, India)
1569787619	EEDF-MAC: An Energy Efficient MAC Protocol for Wireless Sensor Networks	Regular Paper	Maaz M. Mohiuddin (Indian Institute of Technology Hyderabad, India); I. Adithyan (Indian Institute of Technology Hyderabad, India); P. Rajalakshmi (Indian Institute of Technology Hyderabad, India)
1569789065	Optimizing Energy Efficiency in Multi-User OFDMA Systems with Genetic Algorithm	Regular Paper	Su Fong Chien (MIMOS Berhad, Malaysia); T. O. Ting (Xi'an Jiaotong-Liverpool University, P.R. China); Xin-She Yang (Middlesex University, United Kingdom); Alvin Kee Ngoh Ting (MIMOS, Malaysia); Derek William Holtby (MIMOS Berhad, Malaysia)
1569790233	Sustainable Wireless Internet Connectivity for Rural Areas	Regular Paper	Abhishek Thakur (BITS Pilani, Hyderabad Campus, India); Chittaranjan Hota (Birla Institute of Technology & Science, Pilani, Hyderabad Campus, India)

AVCDCT: International Workshop on Advances in VLSI Circuit Design and CAD Tools (AVCDCT13)

1569781199	Design and Analysis of Mux Using Adiabatic Techniques ECRL and PFAL	Regular Paper	Arun Kumar (Bharati Vidyapeeth's College of Engineering, Delhi, India); Manoj Sharma (BVCOE, India)
1569777515	Reconfigurable Digital Sequential System on Chip Design with Its Analysis of Various Parameters & Power Reduction Using Dynamic Partial Reconfiguration	Regular Paper	Navneet Agrawal (Maharana Pratap University of Agriculture & Technology, India); Mayuri Jain (College of Technology and Engineering, India)
1569786067	Design and Implementation of a High Performance Computing System Using Distributed Compilation	Regular Paper	Sunil Kr. Singh (Bharati Vidyapeeth College of Engineering, New Delhi, India); Aman Madaan (BVCOE, Paschim vihar Delhi, India); Ankur Aggarwal (BVCOE Paschim Vihar Delhi, India); Ankur Dewan (BVCOE, Paschim vihar Delhi,
1569773137	An Efficient Delay Estimation Model for High Speed VLSI Interconnects	Regular Paper	M. Kavicharan (NIT Warangal, India); N. S. Murthy (NIT Warangal, India); N. Bheema Rao (NIT Warangal, India)
1569782653	Computer Aided Partitioning for Design of Parallel Testable VLSI Systems	Regular Paper	Deepa Jose (Anna University, India); P. Nirmal Kumar (Anna University, India); L. Saravakanthan (Anna University, India); R. Dheeraj (Anna University, India)

MMSC: International Workshop on Mathematical Modelling and Scientific Computing (MMSC-2013)

1569756339	Electrical Power Generation Using Foot Step for Urban Area Energy Applications	Regular Paper	Joydev Ghosh (National Institute of Technology, India); Supratim Sen (Aryabhatta Institute of Engineering and Management, India); Amit Saha (Aryabhatta Institute of Engineering and Management, India); Samir Basak (Bengal College of Engineering and Technology, India)
1569762307	Normality of Binary Codes in Rosenbloom-Tsfasman Metric	Regular Paper	R. S. Selvaraj (National Institute of Technology Warangal, India); Venkatrajam Marka (National Institute of Technology Warangal, India)
1569764093	The Feedforward-Feedback System of the Hypothalamus-Pituitary-Adrenal Axis	Regular Paper	Pornsarp Pornsawad (Faculty of Science, Silpakorn University, Thailand)
1569768389	MC-RANSAC: A Pre-Processing Model for RANSAC Using Monte Carlo Method Implemented on a GPU	Regular Paper	Priyank Trivedi (VIT University, India); Tejaswi Agarwal (Vellore Institute of Technology-Chennai, India); K. Muthunagai (VIT University, India)
1569770373	Numerical Solution of Breakage Population Balance Equations Using Differential Algebraic Equations Form	Regular Paper	Nageswara Rao Narni (Rajiv Gandhi University of Knowledge Technologies, India)
1569770525	Mathematical Modelling of Automotive Electric Power Assist Steering System	Regular Paper	Mayurika Chatterjee (KPIT Cummins Infosystems Ltd., India); Chaitanya Rajguru (KPIT Cummins Infosystems India, India); Aditya Wadkar (KPIT Cummins Infosystems India, India)
1569807421	Meshfree Methods: An Efficient Advanced Computing Approach for Bio-Medical Problems	Regular Paper	Rama Bhargava (Indian Institute of Technology Roorkee, India); Sonam Singh (Indian Institute of Technology Roorkee, India)
1569769589	On the Modeling of Employee Voluntary Early Exercise for the Valuation of Employee Stock Options	Regular Paper	Erwinna Chendra (Institute of Technology Bandung, Indonesia); Kuntjoro Adji Sidarto (Institute of Technology Bandung, Indonesia); Dila Puspita (Institute of Technology Bandung, Indonesia); Muhammad Syamsuddin (Institute of Technology Bandung, Indonesia); Siska Lismayanti (Institute of Technology Bandung, Indonesia)

VCSN: International Workshop on Vehicular Communication Systems and Networks (VCSN 2013)

1569769661	In-Vehicle RF Propagation Measurements for Electronic Infotainment Applications at 433/868/915/2400 MHz	Regular Paper	D. Balachander (SRM University, India); T. Rama Rao (SRM University, India)
1569769769	Intersection Based Traffic Aware Routing In VANET	Regular Paper	Sangheethaa Sukumaran (Coimbatore Institute of Technology, India); Lakshmi Ramachandran (University of Calicut, India); Surya Rani Sunny (University of Calicut,
1569771977	Probability Distribution of Link Life Time in Vehicular Ad Hoc Networks	Regular Paper	Siddharth Shelly (National Institute of Technology Calicut, India); A. V. Babu (National Institute of Technology Calicut, India)
1569773001	Cluster-Based MAC in VANETs for Safety Applications	Regular Paper	Aboobeker Sidhik Koyamparambil Mammu (University of Deusto, Spain); Unai Hernandez-Jayo (University of Deusto, Spain); Nekane Sainz (University of Deusto,
1569773181	Performance Analysis of Basic Support Protocol (BSP) in Nested Network Mobility (NeNEMO)	Regular Paper	Bhaskar Sardar (Jadavpur University, India); Debashis Saha (Indian Institute of Management (IIM)- Calcutta, India)
1569773527	Project Concept: Design Concept of Ad-Hoc Information Network System for Disaster Mitigation	Regular Paper	Keiko Shimazu (Keio University, Yokohama, Japan); Yoichi Kitsuta (Tokyo University, Japan); Masahiko Ito (Keio University, Yokohama, Japan); Naohiro Kawashima (Keio University, Kawasaki, Japan)

EEWCN: International Workshop on Energy Efficient Wireless Communications and Networking (EEWCN 2013)

1569757573	Energy-Efficient and Fast Collection Method for Smart Sensor Monitoring Systems	Regular Paper	Hyuntae Cho (Pusan National University, Korea); Chong-Min Kyung (Korea Advanced Institute of Science and Technology, Korea); Yunju Baek (Pusan National University, Korea)
1569767069	Design and Implementation of an Energy Aware Routing Extension for Energy Autarkic Wireless M-Bus Networks	Regular Paper	Axel Sikora (University of Applied Sciences Offenburg, Germany); Rico Werner (University of Applied Sciences Offenburg, Germany); Jan O. Grafmüller (University of Applied Sciences Offenburg, Germany)
1569769689	Performance Comparison Study of AQ-DBPSK Modulation Scheme for Energy Efficient Wireless Sensor Communications	Regular Paper	M. S. Vasanthi (SRM University, India); Dharmesh Kumar (SRM University, India); T. Rama Rao (SRM University, India)
1569769975	Carrier Frequency Offset with I/Q Imbalance Analysis of Fifth Generation WiFi	Regular Paper	H. Lalitha (VTU, The Oxford College of Engineering, Bangalore, India); Reema Sharma (VTU, The Oxford College of Engineering, Bangalore, India); Navin Kumar (Institute of Telecommunication, Portugal)
1569770291	Energy Efficient Wireless Infrastructure Solution for Open Pit Mine	Regular Paper	Shanthi Vellingiri (Research, India); Deepaknath Tandur (ABB, India); Mallikarjun Kande (ABB, India)
1569770815	Computing Optimal Data Collection Rate for Energy Harvesting Sensor Networks	Regular Paper	Ashwini B. Sadlapur (PDA College of Engineering, Gulbarga, India); P. V. Pushpa (PDA College of Engineering, Gulbarga, India)
1569770957	BER Performance and Energy Efficiency of Luby Transform Codes with Varying BPSK Thresholds Over the Free Space Optical Channel	Regular Paper	Geetha Prakash (PES Institute of Technology, Bangalore, India); Muralidhar Kulkarni (NITK, Surathkal, India); U. Sripati (NITK, Surathkal, India)
1569771221	Performance Analysis of ZigBee Based Load Control and Power Monitoring System	Regular Paper	Deepak Karia (Sardar Patel Institute of Technology, India); Jaypal Baviskar (Sardar Patel Institute of Technology, India); Raj Makwana (Sardar Patel Institute of Technology, India); Niraj Panchal (Sardar Patel Institute of Technology, India)
1569773083	EHE-LEACH: Enhanced Heterogeneous LEACH Protocol for Lifetime Enhancement of Wireless SNs	Regular Paper	Sudhanshu Tyagi (JPIET, Meerut, India); Sumit Gupta (IIMT, Meerut, India); Sudeep Tanwar (BIT Meerut, India); Neeraj Kumar (Thapar University, India)
1569773089	Concave Lens Integrated Conical Horn at 60 GHz for Energy Efficient Wireless Applications	Regular Paper	Mohamed Shaik Honnur Vali (SRM University, India); T. Rama Rao (SRM University, India)
1569773351	A Study on Energy Issues in Construction of All-to-All Minimum Power Broadcast (A2A MPB) Trees in Wireless Networks	Regular Paper	Wilson Naik Bhukya (University of Hyderabad, India); Alok Singh (University of Hyderabad, India)
1569747003	Software Controlled Approach for Energy Efficient Radio Network Controllers	Work-in-Progress	Pawan S Bhandari (Alcatel-Lucent, India)
1569773211	Test Bed for Wireless Sensor Networks Using XMesh Networking Protocol	Work-in-Progress	Ravi Kishore Kodali (National Institute of Technology, Warangal, India); Narasimha Sarma (National Institute of Technology, Warangal, India)

NLP: Second International Symposium on Natural Language Processing (NLP'13)

Key01	Natutal Language Processing: Perspective of CIC-IPN	Invited Paper	A. Gelbukh (Centro de Investigación en Computación, Instituto Politécnico Nacional, Mexico City, Mexico)
1569756149	Quantifying Modified Opinion Strength: A Fuzzy Inference System for Sentiment Analysis	Regular Paper	Ritesh Srivastava (NSIT University of Delhi NEW Delhi, India); M. P. S. Bhatia (University of Delhi, India)
1569770617	Subjective and Objective Evaluation of English to Urdu Machine Translation	Regular Paper	Vaishali Gupta (Banasthali University, India); Nisheeth Joshi (Banasthali University, India); Iti Mathur (Banasthali University, India)
1569773357	Context Dependent Bag of Words Generation	Regular Paper	Swapnil Ashok Jadhav (National Institute of Technology Warangal, India); D. V. L. N. Somayajulu (National Institute of Technology Warangal, India); S. Nagesh Bhattu (National Institute of Technology Warangal, India); R. B. V. Subramanyam (National Institute of Technology Warangal, India); P. Suresh (Infosys Limited, India)
1569773369	A Named Entity Recognition Approach for Albanian	Regular Paper	Marjana Prifti Skënduli (University of New York in Tirana, Albania); Marenglen Biba (University of New York, Tirana, USA)
1569770045	Bengali Noun Morphological Analyzer	Regular Paper	Priyanka Das (The English and Foreign Languages University, Hyderabad, India); Arjun Das (Indian Statistical Institute, Kolkata, India)
1569770871	Quality Estimation of English-Hindi Outputs Using Naïve Bayes Classifier	Regular Paper	Rashmi Gupta (Banasthali University, India); Nisheeth Joshi (Banasthali University, India); Iti Mathur (Banasthali University, India)
1569771231	Improving the Quality of MT Output Using Novel Name Entity Translation Scheme	Regular Paper	Deepti Bhalla (Banasthali University, India); Nisheeth Joshi (Banasthali University, India); Iti Mathur (Banasthali University, India)
1569771251	Development of Marathi Part of Speech Tagger Using Statistical Approach	Regular Paper	Jyoti Singh (Banasthali University, India); Nisheeth Joshi (Banasthali University, India); Iti Mathur (Banasthali University, India)
1569756757	Tourist Activity Extraction from Text	Regular Paper	Dnyaneshwar Dewadkar (Verchaska Infotech Pvt Ltd Mumbai, India); Bharat Raisingani (Verchaska Infotech Pvt Ltd Mumbai, India); Anandkumar Chandran (Verchaska Infotech Pvt. Ltd., India); Aniket Upganlawar (Verchaska Infotech Pvt Ltd Mumbai, India)
1569766871	Unsupervised Clustering Technique to Harness Ideas from an Ideas Portal	Regular Paper	Arijit De (TCS, India); Sunil Kumar Kopparapu (Tata Consultancy Services, India)
1569771017	NLKBIDB - Natural Language and Keyword Based Interface to Database	Regular Paper	Axita Shah (AES Institute Of Computer Studies, Ahmedabad University, India); Jyoti Pareek (Gujarat University, India); Hemal Patel (Ahmedabad University, India); Namrata Panchal (Ahmedabad University, India)
1569773225	Sentiment Classification of Review Documents Using Phrase Patterns	Regular Paper	Basant Agarwal (MNIT Jaipur, India); Vijay Sharma (MNIT Jaipur, India); Namita Mittal (MNIT Jaipur, India)

ADM: Second International Workshop on Advances in Data Management (ADM'13)

1569763209	Aspect Based Sentiment Analysis Using Support Vector Machine Classifier	Regular Paper	Raisa Varghese (University of Calicut, India); Jayasree M (University Of Calicut, India)
1569763679	Extracting Anomalies from Time Sequences Derived from Nuclear Power Plant Data by Using Fixed Width Clustering Algorithm	Regular Paper	Aditya Gupta (Indian Institute of Technology Roorkee, India); Durga Toshniwal (Indian Institute of Technology Roorkee, India); Pramod K Gupta (Nuclear Power Corporation of India Ltd., India); Vikas Khurana (Nuclear Power Corporation of India Ltd., India); Pushp Upadhyay (Nuclear Power Corporation of India Ltd., India)
1569764285	Novel Technique to Reduce PAPR in OFDM Systems by Clipping and Filtering	Regular Paper	Bahubali Shiragapur (Faculty, India); Uday Wali (VTU Belgaum, India); Sandeep Bidwai (VTU Belgaum, India)
1569769535	Pattern Identification Using Rough Set Clustering for Spatio-Temporal Dataset	Regular Paper	Christina Jayakumaran (SRM Easwari Eng College, Anna University, India); Komathy Karuppanan (Anna University, India)
1569769813	Secure Login by Using One-Time Password Authentication Based on MD5 Hash Encrypted SMS	Regular Paper	Eko Sediyono (Satyawacana Christian University, Indonesia); Kartika Imam Santoso (STMIK Bina Patria Magelang, Indonesia); Suhartono (Diponegoro State University, Indonesia)
1569770115	Book Recommendation System Using Opinion Mining Technique	Regular Paper	Shahab Saquib Sohail (Aligarh Muslim University, India); Jamshed Siddiqui (Aligarh Muslim University, India); Rashid Ali (College of Computers and Information Technology, Taif University, Saudi Arabia)
1569772801	An Efficient Approach for Intrusion Detection Using Data Mining Methods	Regular Paper	Kapil Wankhade (G. H. Raisoni College of Engineering Nagpur, INDIA, India); Sadiya Patka (G. H. Raisoni College of Engineering Nagpur, INDIA, India); Ravindra Thool (SGGS Institute Of Engineering & Technology Vishnupuri Nanded Maharashtra State, India)
1569772807	A Method for Evolving Data Streams	Regular Paper	Kapil Wankhade (G. H. Raisoni College of Engineering Nagpur, INDIA, India); Tasneem Hasan (G. H. Raisoni College of Engineering Nagpur, INDIA, India); Ravindra Thool (SGGS Institute Of Engineering & Technology Vishnupuri Nanded Maharashtra State, India)
1569773325	Performance Evaluation of Unstructured NoSQL Data Over Distributed Framework	Regular Paper	Suyog Nyati (Pune University, India); Shivanand Pawar (Augment IQ data Science, Pune, India); Rajesh Ingle (PICT Pune, India)

CLOUD-ID: Second International Workshop on Cloud Computing & Identity Management (CloudID 2013)

1569754417	Agent-Based Approach for Distributed Access Control in Cloud Environments	Regular Paper	Manoj Thomas (NITK, Surathkal, India); K. Chandra Sekaran (National Instittute of Technology Karnataka, India)
1569767211	IDRBT Community Cloud for Indian Banks	Regular Paper	Gayatri Sattiraju (IDRBT, India); S. Lalit Mohan (IDRBT, India); Shakti Mishra (MNNIT Allahabad, India)
1569773573	Simplified File Assured Deletion (SFADE) – A User Friendly Overlay Approach for Data Security in Cloud Storage System	Regular Paper	Ashfia Binte Habib (North South University, Bangladesh); Tasnim Khanam (North South University, Bangladesh); Rajesh Palit (North South University, Bangladesh)
1569752995	Remote Laboratories as a Service – Use of Cloud Technologies in e-Learning	Regular Paper	C. M. Markan (Dayalbagh Educational Institute, India); Satendra Gupta (Dayalbagh Educational Institute, India); Sajal Mittal (Indian Institute of Technology, Kanpur, India); Goutam Kumar (Software Developer, India)
1569770243	Local Authentication and Authorization System for Immediate Setup of Cloud Environments	Regular Paper	Alexander Stanik (Technische Universität Berlin, Germany); Patrick Bittner (Technische Universität Berlin, Germany); Marvin Byfield (Technische Universität Berlin, Germany); Fridtjof Sander (Technische Universität Berlin, Germany); Daniel Schröder (Technische Universität Berlin, Germany)
1569758787	Rent or Self-Execute? Resource Management Strategies for Cloud Providers	Regular Paper	Aviral Nigam (National Institute of Technology, Calicut, India); Snehal Chauhan (National Institute of Technology, Calicut, India); Varsha Murali (National Institute of Technology, Calicut, India)
1569769843	Provable Data Possession Scheme with Constant Proof Size for Outsourced Data in Public Cloud	Regular Paper	B. R. Purushothama (National Institute of Technology Warangal, India); B. B. Amberker (National Institute of Technology, Warangal, India)
1569781803	Architectural Design for iCloudIDM Layer-II (iCloudIDM-LII) Subsystem of eCloudIDS Generic Security Framework	Regular Paper	Madhan Kumar Srinivasan (Infosys Limited, India); K. Sarukesi (Hindustan University, India); P. Revathy (Infosys Technologies Limited, India)

RAMI: Second International Workshop on Recent Advances in Medical Informatics (RAMI-2013)

1569771215	ICA Based ECG Signal Denoising	Regular Paper	Mrinal Phegade (University of Pune, India); P. Mukherji (Pune University, India)
1569772471	Prototype Development of Dynamic Predictive Models for Disease Prevention	Regular Paper	Goutam Roy (Siemens Technology and Services Private Limited, India)
1569773069	Edge-Enhanced Dynamic MR Imaging Using Compressed Sensing	Regular Paper	Rajikha Raja (International Institute of Information Technology - Bangalore, India); Neelam Sinha (International Institute of Information Technology, India)

ICAIS: International Symposium on Control, Automation, Industrial Informatics and Smart Grid (ICAIS'13)

1569756395	Grid Tie Inverter Based Interfacing Model and Its Design	Regular Paper	Rohan Isawe (Sardar Patel Institute of Technology, India); Mukta Darekar (Sardar Patel Institute of Technology, India); Tejas Shah (Sardar Patel Institute of Technology, India);
1569767111	Design Modeling and Simulation of Low Voltage Squirrel Cage Induction Motor for Medium Weight Electric Vehicle	Regular Paper	Prasun Mishra (Central Mechanical Engineering Research Institute, India); Suman Saha (Scientist, India)
1569767661	Design, Development and Testing of MEMS Based Seismometer for Space Application	Regular Paper	Gaurav Saxena (LEOS-ISRO, India); Etika Agarwal (ISRO, India); P Selvaraj (LEOS-ISRO, India); V. Thamarai (LEOS, ISRO, India); Jiju John (LEOS, ISRO, India); Kalpana Arvind (LEOS, ISRO, India); Rafiqul Islam (LEOS, ISRO, India)
1569767833	Model-Based Engineering of Cyber-Physical Software Systems for Smart Worlds: A Case Study of Automobile Control Systems	Regular Paper	K. Ravindran (City University of New York, USA); S. Ramesh (GM Technical Center, Bangalore, India)
1569760235	Position Control of Interior Permanent Magnet Synchronous Motor Using Adaptive Backstepping Technique	Regular Paper	K. V. Prashanth (National Institute of Technology Karnataka, Surathkal, India); H. Girisha Navada (National Institute of Technology Karnataka, Surathkal, India)
1569768335	A Novel Digital Controller for Microstepping Stepper Motor Drive Using FPGA for Solar Array Drive Assembly in Satellites – A Comparison with Alternative Schemes	Regular Paper	Sachin Angadi (The National Institute of Engineering, India); V. Saikumar (The National Institute of Engineering, India); B. Satyanarayana Kumari (ISRO Satellite Centre, India)
1569769651	3D Tools for the Robust Design Optimization of an Autonomous Underwater Vehicle	Regular Paper	Andrey Kirsanov (The University of New South Wales at Australian Defence Force Academy, Australia); Sreenatha G. Anavatti (University College, ADFA, Australia); Tapabrata Ray (University of New South Wales at ADFA, Australia)
1569771869	Enhancing Effectiveness and Reducing Time of System Validation for Interactive Multimedia LED TV	Regular Paper	Pratibha Markande (Reva Institute of Technology and Management, India); Prashant V. Joshi (Reva Institute of Technology and Management, India); S. S. Manvi (Reva Institute of Technology and Management, India)
1569772725	Angular Measurement Using MEMS Digital Gyroscope with PIC and LabVIEW Interface for Space Applications	Regular Paper	Renjith Das (VSSC, ISRO, India); Aditya Mandsorwale (VSSC, ISRO, India); P. P. Antony (VSSC, ISRO, India); R. G. Harikumar Warrier (VSSC, ISRO, India); B. Manoj Kumar (VSSC, ISRO, India)
1569764063	Advanced Estimator Based Sensorless BLDC Motor Control	Regular Paper	Siva V. Girish (Velammal Engineering College, India); R. K. Sababathy (Velammal Engineering College, India); S. Vijayakumar (Velammal Engineering College, India); B. Venkatalakshmi (Velammal Engineering College, India)
1569768035	Evaluation of Different PWM Techniques for Two Level Inverter in Grid Connected WECS	Regular Paper	Arjun Mudlapur (Manipal Institute of Technology, India); A. Raju (B V Bhoomaraddi College of Engineering and Technology, India); Uma Rao (R V College of Engineering, India)
1569769847	On Electrical Load Disaggregation Using Factor Graphs	Regular Paper	Y. G. Goutam (Tata Consultancy Services, India); M. Girish Chandra (Tata Consultancy Services, India); Krishnan Srinivasarengan (Tata Consultancy Services, India); Swanand Kadhe (Texas A&M University, USA)
1569772767	Stability Analysis of Nonlinear Systems Using Dynamic-Routh's Stability Criterion: A New Approach	Regular Paper	Basant Kumar Sahu (National Institute of Technology, Rourkela, India); Madan Gupta (University of Saskatchewan, Canada); Bidyadhar Subudhi (NITRKL,

PRIP: Second International Symposium on Pattern Recognition and Image Processing (PRIP – 2013)

1569730517	Ink Width Independent Global Features for Writer Verification	Regular Paper	Sharada Kore (BVDUCOE India, India); Shaila Apte (Pune University, Rajarshi Shahu College of Engineering, India)
1569760717	Moving Object Detection Using Gaussian Background Model and Wronskian Framework	Regular Paper	Badri Narayan Subudhi (Indian Statistical Institute, Kolkata, India); Susmita Ghosh (Jadavpur University, India); Ashish Ghosh (ISI Kolkata, India)
1569760743	Efficient Silhouette Based Contour Tracking	Regular Paper	Ajoy Mondal (Indian Statistical Institute, India); Susmita Ghosh (Jadavpur University, India); Ashish Ghosh (ISI Kolkata, India)
1569765091	An Efficient and Computationally Effective Random Valued Impulse Noise Detector	Regular Paper	Brijraj Singhawat (Center for Converging Technologies, University of Rajasthan, India); Saroj K. Meher (Indian Statistical Institute, Bangalore Centre, India)
1569765193	Multimodal Biometric Fusion of Face and Palmprint at Various Levels	Regular Paper	S. Noushath (College of Applied Sciences, Sohar, Oman) Mohammad Imran (College of Applied Sciences, Sohar, Oman); Karan Jetly (College of Applied Sciences, Sohar, Oman); Ashok Rao (Freelance Academician, India); G. Hemantha Kumar (University of Mysore, India)
1569768609	Malayalam OCR: N-Gram Approach Using SVM Classifier	Regular Paper	Ashitta T. Jia (Calicut University, India); Yahkoob Ayappally (Calicut University, India); K. Syama (Calicut
1569770583	A Fuzzy Approach for Word Level Script Identification of Text in Low Resolution Display Board Images Using Wavelet Features	Regular Paper	S. A. Angadi (Basaveshwar Engineering College, India); M. M. Kodabagi (Basaveshwar Engineering College, India)
1569770817	An Automated Video Surveillance System Using Viewpoint Feature Histogram and CUDA-Enabled GPUs	Regular Paper	Saurabh Jha (VIT University, India); Priyank Trivedi (VIT University, India)
1569772095	Zone Based Handwritten Kannada Character Recognition Using Crack Code and SVM	Regular Paper	Ganapat Singh G. Rajput (Gulbarga University, India); Rajeshwari Horakeri (Gulbarga University, India)
1569773367	Novel Inpainting Algorithm for Heavily Occluded Face Reconstruction	Regular Paper	A. Bindu (VTU, India); C. N. Ravi Kumar (Sri Jayachamarajendra College of Engineering, India)
1569754617	Classification of Plant Leaves Using Morphological Features and Zernike Moments	Work-in-Progress	B. S. Harish (Sri Jayachamarajendra College of Engineering, Mysore, India); Aditi Hedge (Sri Jayachamarajendra College of Engineering, Mysore, India); OmPriya Venkatesh (Sri Jayachamarajendra College of Engineering, Mysore, India); D. G. Spoorthy (Sri Jayachamarajendra College of Engineering, Mysore, India); D. Sushma (Sri Jayachamarajendra College of Engineering, Mysore, India)
1569757045	Visualization Technique for Unmanned Ground Vehicles Using	Work-in-Progress	Saurabh Trikande (University of Pune, India); Manohar K. Kodmelwar (University of Pune, India)
1569765027	Identification of Odissi Dance Video Using Kinect Sensor	Work-in-Progress	Sriparna Saha (Jadavpur University, India); Shreya Ghosh (Jadavpur University, India); Amit Konar (Jadavpur University, Kolkata, India); Ramadoss Janarthanan (TJS Engineering College, India)
1569772791	A New Feature Selection Algorithm for Stream Data Classification	Work-in-Progress	Kapil Wankhade (G. H. Raisoni College of Engineering Nagpur, India); Dhiraj Rane (G. H. Raisoni College of Engineering Nagpur, India); Ravindra Thool (SGGS Institute of Engineering & Technology Vishnupuri Nanded Maharashtra State, India)

NIS: The New Internet Symposium (NIS-2013)

1569717749	Integrated Wireless Sensor Network for Large Scale Intelligent Systems	Regular Paper	P. K. Tiwari (IBM, India); S. Parthasarathy (IBM, India); A. N. Chatterjee (IBM, India); N. Krishna (IBM, India)
1569770889	Time Synchronization Protocol for 6LoWPAN	Regular Paper	Anandghan Waghmare (IIT Patna, India); Arka Prokash Mazumdar (IIT Patna, India); Ashok Singh Sairam (Indian Institute of Technology Patna, India)
1569773361	Signalling Aspects of Optimized Inter-Domains Point to Multipoint Paths in Multi Protocol Label Switched Networks	Regular Paper	Mohamad Chaitou (AUCE, Lebanon); Hussein Charara (AUCE, Lebanon)
1569773407	Simulation of Multipoint to Multipoint Hierarchy for Fast Rerouting in Multi Protocol Label Switching Networks	Regular Paper	Mohamad Chaitou (AUCE, Lebanon); Hussein Charara (AUCE, Lebanon)
1569806523	Developing an Architecture: Scalability, Mobility, Control, and Isolation on Future Internet Services	Regular Paper	Dhananjay Singh (Hankuk University of Foreign Studies, South Korea)
1569764951	Contribution to Intelligent Environment's Security	Work-in-Progress	Othmane Mahmoudi (Eletronics & Computer Science, Computer Science Department, Algeria); Abdelkader Belkhir (USTHB University, Algeria)

INTERNATIONAL SYMPOSIUM ON WOMEN IN COMPUTING AND INFORMATICS (WCI-2013)
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WCI-01: International Symposium on Women in Computing and Informatics (WCI-2013)

1569789313	ScrumTutor: A Web-Based Interactive Tutorial for Scrum Software Development	Regular Paper	Sindhura Potineni (Arizona State University - Poly Campus, USA); Srividya K. Bansal (Arizona State University - Poly Campus, USA); Ashish Amresh (Arizona State University, USA)
1569789089	EC2 Instance Provisioning for Cost Optimization	Regular Paper	Vidya K. Bhise (RIT, Islampur, India); Ajit S. Mali (RIT, Islampur, India)
1569789235	Performance Evaluation of IP Wireless Networks Using Two Way Active Measurement Protocol	Regular Paper	N. Soumyalatha (Reva Institute of Technology and Management, India); Rakesh Kumar Ambhati (Central Research Laboratory, BEL., India); Manjunath R. Kounte (Reva Institute of Technology and Management, Bangalore, India)
1569789239	Game Theoretic Multi-Agent Approach to Traffic Flow Control	Regular Paper	Seema Purohit (University of Mumbai, India); Shruti Mantri (University of Mumbai, India)
1569789275	Resilient PUMA (Protocol for Unified Multicasting Through Announcement) Against Internal Attacks in Mobile Ad Hoc Networks	Regular Paper	A. Menaka Pushpa (Easwari Engineering College, India); K. Kathiravan (Easwari Engineering College, India)
1569776547	Personalized and Adaptive User Interface Framework for Mobile Application	Regular Paper	Mahasivam Nivethika (University of Peradeniya, Sri Lanka); Ilanthalaisingam Vithiya (University of Peradeniya, Sri Lanka); Sebastiankularatnam Anntharshika (University of Peradeniya, Sri Lanka); Sampath Deegalla (University of Peradeniya, Sri Lanka)
1569782753	Temperature Aware Resource Scheduling in Green Clouds	Regular Paper	Amritpal Kaur (Sri Guru Granth Sahib World University, India); Supriya Kinger (Sri Guru Granth Sahib World
1569787615	Novel Architecture for Inverse Mix Columns for AES Using Ancient Vedic Mathematics on FPGA	Regular Paper	Sushma Huddar (WorldServe Education, India); Sudhir Rao Rupanagudi (WorldServe Education, India); Ramya Ravi (New Horizon College of Engineering, India); Shikha Yadav (New Horizon College of Engineering, India); Sanjay Jain (New Horizon College of Engineering, India)
1569788853	An Insight into Properties of Real World Networks	Regular Paper	Pooja Wadhwa (Netaji Subhash Institute Of Technology, India); M. P. S. Bhatia (Delhi University, India)
1569789225	VMON-Virtual Environment Application Monitoring	Regular Paper	Chethan C. Thimmarayappa (VIsveshaiah Technological University, India); Anandhi Jayadharmarajan (VIsveshaiah Technological university, India)
1569797777	Enhanced Optimized Link State Routing Protocol for VANET Using Fuzzy Rough Set	Regular Paper	Komathy Karuppanan (Anna University, India); S. Mahalakshmi (Anna University, India)

WCI-02: International Symposium on Women in Computing and Informatics (WCI-2013)

1569789221	Multi-Class JPEG Steganalysis Using Extreme Learning Machine	Regular Paper	Veenu Bhasin (University of Delhi, India); Punam Bedi (University of Delhi, India)
1569788525	Continuous Density Hidden Markov Model for Context Dependent Hindi Speech Recognition	Regular Paper	Shweta Sinha (Birla Institute of Technology, India); S. S. Agrawal (KIIT Group of Colleges, Gurgaon, India); Aruna Jain (Birla Institute of Technology, India)
1569788831	Cumulant Based Teager Energy Operator for ECG Signal Modeling	Regular Paper	V. Sharmila (Jawaharlal Technological University, India); E. Hari Krishna (KU College of Engineering & Technology, India); K. Ashoka Reddy (Kakatiya University, India)
1569789169	Robust Image Steganography with Wavelet Transform and Hybrid Wavelet Transform Generated Using Kekre, Walsh and Sine Transforms	Regular Paper	Sudeep D. Thepade (University of Pune, India); Smita S. Chavan (University of Pune, India)
1569789263	Human Activity Recognition Using Body Pose Features and Support Vector Machine	Regular Paper	Megha D. Bengalur (BVBCET, India)
1569790325	Linearizing Thermistor Characteristics by Piecewise Linear Interpolation in Real Time FPGA	Regular Paper	Durlav Sonowal (Tezpur University, India); Manabendra Bhuyan (Tezpur University, India)
1569790917	Multiagent Synchronization Under Delay in Position and Velocity with Application to Formation Control	Regular Paper	Amruta Kulkarni (Veermata Jijabai Technological Institute (VJTI), Mumbai, India); Faruk Kazi (VJTI, India); Navdeep Singh (VJTI, India)
1569772117	On Wideband Comb Compensator	Regular Paper	Godana Jovanovic Dolecek (INAOE, Mexico)
1569789001	Improved Noise Tracking Algorithms for Speech Enhancement Using LabVIEW	Regular Paper	M. Kalamani (Bannari Amman Institute of Technology- Sathyamangalam, India); S. Valarmathy (Bannari Amman Institute of Technology- Sathyamangalam, India)
1569789207	De-Noising of Seismic Signal based on Gabor Transform	Regular Paper	Roshan Kumar (IIT Roorkee, India); P. Sumathi (IIT Roorkee, India); Ashok Kumar (IIT Roorkee, India)
1569789277	On the Design of Very Sharp Narrowband FIR Filters by Using IFIR Technique with Time-Multiplexed Subfilters	Regular Paper	Miriam Cruz Jimenez (Institute INAOE, Mexico); Godana Jovanovic Dolecek (INAOE, Mexico)
1569789289	Thepade's Hartley Error Vector Rotation for Codebook Generation in Vector Quantization	Regular Paper	Sudeep D. Thepade (University of Pune, India); Vandana Mhaske (Pimpri Chinchwad College Of Enginnering, India) Vedant Kurhade (ATSS CBSCA, India)

WCI-03: International Symposium on Women in Computing and Informatics (WCI-2013)

1569789449	Categorical Data Analysis Using Multiobjective Differential Evolution Based Fuzzy Clustering	Regular Paper	Indrajit Saha (Jadavpur University, India); Debasree Maity (MCKV Institute of Engineering, India); Ujjwal Maulik (Jadavpur University, India)
1569803741	Discriminating Most Urgent Trajectories in a Road Network Using Density Based Online Clustering	Regular Paper	M. V. Sreedhanya (Peruman Engineering College, India); Sabu M. Thampi (Indian Institute of Information Technology and Management - Kerala, India)
1569789621	Application of Adaptive Neuro-Fuzzy Inference System for Predicting Software Change Proneness	Regular Paper	Akshit Peer (Delhi Technological University, India); Ruchika Malhotra (Delhi Technological University, India)
1569788157	A Fuzzy Based Road Network Extraction from Degraded Satellite Images	Regular Paper	Lizy Abraham (LBS Institute of Technology for Women, India); M. Sasikumar (Marian Engg. College, India)
1569788431	An Informal Method for Identifying Standards to Enable Meaningful Exchange of Public Health Records	Regular Paper	Rohini R. Rao (Manipal Institute of Technology, Manipal, India); Krishnamoorthi Makkithaya (Manipal University, India)
1569789159	Dual Quaternion Applications to Bioinformatics for Kinematical Analysis of Protein Backbone	Regular Paper	Isha Wasnik (Veermata Jijabai Technological Institute, India); Rucha Sawlekar (Veermata Jijabai Technological Institute, India); Faruk Kazi (VJTI, India); Navdeep Singh (VJTI, India)
1569789217	A New Cluster Validity Index for Type-2 Fuzzy C-means Algorithm	Regular Paper	O. Mema Devi (Assam University Silchar, India); Shahin Ara Begum (Assam University Silchar, India)
1569789249	Incremental Language Model and Dynamic Decoder for Tamil Chat System	Regular Paper	Rajeswari Sridhar (Anna University, Chennai, India); K. V. Madhavan (Anna University, Chennai, India); S. Nagarajan (Anna University, Chennai, India); S. Nishanth (Anna University, Chennai, India)
1569789577	Off-Line Signature Verification Based on Chain Code Histogram and Support Vector Machine	Regular Paper	R. K. Bharathi (S. J. College of Engineering, Mysore, Karnataka, India); B. H. Shekar (Mangalore University, India)
1569791287	Quality Attribute Focused Multilayer Requirement Elicitation: Judicious Approach to Drive Business Value	Regular Paper	B. R. Shubhamangala (Dayananda Sagar Institution, India); V. Suma (Dayananda Sagar Institution, India); P. Amarendra Reddy (MLRIT, India); C. Goodluck Singh (Wipro Technologies, India)

WCI-04: International Symposium on Women in Computing and Informatics (WCI-2013)

1569787855	Weighted Difference Entropy Based Similarity Measure at Two Levels in a Recommendation Framework	Regular Paper	Harita Mehta (University of Delhi, India); Veer Sain Dixit (University of Delhi, India); Punam Bedi (University of Delhi, India)
1569787791	Contextual Information Based Recommender System Using Singular Value Decomposition	Regular Paper	Rahul Gupta (Manipal Institute of Technology, India); Arpit Jain (Manipal Institute of Technology, India); Satakshi Rana (Manipal Institute of Technology, India); Sanjay Singh (Manipal Institute of Technology, India)
1569788739	A Sliding Window Based Meta-Majority of Voting Ensemble for Credit Risk Assessment	Regular Paper	Lopamudra Pradhan (Ajou University, Suwon, South Korea); Gi-Nam Wang (Ajou University, Suwon, South Korea); Satchidananda Dehuri (Ajou University, Suwon, South Korea)
1569788863	Measuring Privacy Leaks in Online Social Networks	Regular Paper	Agrima Srivastava (BITS Pilani, Hyderabad Campus, India); G. Geethakumari (BITS Pilani, Hyderabad Campus, India)
1569789103	Using Ant Colony Optimization in Software Development Project Scheduling	Regular Paper	Bharti Suri (Guru Gobind Singh Indraprastha University, Delhi, India); Pooja Jajoria (Guru Gobind Singh Indraprastha University, Delhi, India)
1569787509	Item-Based Hybrid Recommender System for Newly Marketed Pharmaceutical Drugs	Work-in-Progress	Shruthi Bhat (Meenakshi Sundararajan Engineering College, India); K. Aishwarya (Meenakshi Sundararajan Engineering College, India)