

2010 International Conference on Computer and Communication Technology

(ICCCT 2010)

**Allahabad, Uttar Pradesh, India
17 – 19 September 2010**



**IEEE Catalog Number: CFP10ICB-PRT
ISBN: 978-1-4244-9033-2**

Table of Contents

Sr. No.	Title	Page No.
SESSION 1: COMPUTER COMMUNICATION AND NETWORK SECURITY		
1.	Security Policy Integration And Conflict Reconciliation For Data Integration Across Data Sharing Services In Ubiquitous Computing Environments Beneyaz Ara Begum, Rajesh Kumar Thakur and Prashanta Kumar Patra Paper id. 96	1
2.	Smart Card based Secure Authentication and key Agreement Protocol Sandeep K. Sood, Anil K.Sarje and Kuldip Singh Paper id. 105	7
3.	Comparative Assessment of WiMAX Scheduler in Fixed and Mobile WiMAX Networks for VoIP using QualNet Isha khirwar, Anjulata Yadav and Preeti Trivedi Paper id. 112	15
4.	Performance of an Optimum Packet based CDMA Wireless Sensor Network in Presence of Correlated Interferers Uma Datta, Chinmoy Kundu and Sumit Kundu Paper id. 123	22
5.	Optimal Transmit Power in Wireless Sensor Networks Using MRC Space Diversity in Presence of Shadow Fading Arnab Nandi, Dipen Bepari and Sumit Kundu. Paper id. 126	28
6.	A New Algorithm for Admission Control of Secondary Users in CDMA based Cognitive Radio Network Sanjay Dhar Roy, Soyomen Mandal and Sumit Kundu. Paper id. 153	35
7.	Some Investigation On Slot-Loaded Equitriangular Microstrip Antenna Manish Rai, Y. Tyagi, Raghvendra Singh and Mohd Shahab Paper id. 161	40
8.	Improved Rst-Attacks Resilient Image Watermarking Based On Joint SVD-DCT Pavan Kumar Gupta and Shailendra Sriwastava Paper id. 202	46
9.	An Analysis of Internet Integrated Mobile Adhoc Networks Prashant Kumar, Gautam Bose, Jitendra Kumar Gupta and Naveen Chauhan Paper id. 206	52
10.	Adaptive-Step Reverse Link Closed Loop Power Control CDMA System Krishan Kumar and Arvind Kumar Paper id. 207	56

Sr. No.	Title	Page No.
11.	An ID-based Multi-Proxy Multi-Signature Scheme Rajeev Anand Sahu and Sahadeo Padhye Paper id. 211	60
12.	Performance Optimization of LUT of Subthreshold FPGA in Deep Submicron Pable S.D., Ale Imran, Mohd. Hasan and Aminul Islam Paper id. 217	64
13.	Cross layer Energy Efficient Routing (XLE2R) for Prolonging Lifetime of Wireless Sensor Networks Kanojia Sindhuben Babulal and Rajiv Ranjan Tewari Paper id. 220	70
14.	The additional result over the work of Blomer and May Navaneet Ojha and Sahadeo Padhye Paper id. 182	75
15.	Critical Path Minimization of Data Networks without Compensating Reliability Mou Dasgupta and G.P. Biswas Paper id. 129	81
 SESSION 2: COMPUTER COMMUNICATION AND NETWORK SECURITY 		
16.	Secure Resilient High Performance File System for Distributed Systems Sunil Chakravarthy and Chittaranjan Hota Paper id. 312	87
17.	Geographical Distribution of Peers of BitTorrent in Multi-granularity Scale Lidong Yu and Ming Chen Paper id. 260	93
18.	A Proposed Model For Intrusion Detection System for Mobile Adhoc Network Husain Shahnawaz, Dr.S.C.Gupta, Chand.Mukesh and Dr. H. L. Mandoria Paper id. 330	99
19.	Efficient Modulation Formats For Higher Bit Rates Fiber Transmission Shradha Gupta, Narender Kr Shukla and Shikha Jaiswal. Paper id. 287	103
20.	High Capacity, Robust Lossless EPR Data hiding using CDCS with ROI Tamper Detection Sunita Dhavale and L. M. Patnaik Paper id. 333	108
21.	Forward Link Performance of Packet Data with LDPC in Cellular CDMA Sanjay Dhar Roy, Priyobrata Parida and Sumit Kundu Paper id. 335	113
22.	Protecting Location Privacy in Augmented Reality Using k-Anonymization and Pseudo-id Anoop Aryan and Sanjay Singh Paper id. 352	119

Sr. No.	Title	Page No.
23.	Modeling Freshness Concept to overcome Replay Attack in Kerberos Protocol using NuSMV Shilpa Rukmangada, Shreya Adyanthaya, Amrish Tiwari and Sanjay Singh. Paper id. 332	125
24.	Text Independent Speaker Identification using Wavelet Transform Gyanendra K Verma and U. S. Tiwary Paper id. 380	130
25.	A WiMAX Segmentation for 3rd Generation N/W Simulator Arun Kumar Singh, Neelam Srivastava ,Ankur Garg and Amardeep Gupta Paper id. 257	135
26.	Enhancing the Efficiency of Secure Network Monitoring through Mobile Agents Shashank Srivastava and G.C Nandi Paper id. 404	141
27.	Optimizing Velocity Based Adaptive Zone Routing Protocol Amit Kumar Jaiswal and Pardeep Singh Paper id. 441	149
28.	Using Mobile Agent in Clustering Method for Energy Consumption in Wireless Sensor Network Babak nikmard and Salman Taherizadeh Paper id. 447	153
29.	To Prevent Wormhole Attacks Using Wireless Protocol in MANET Sanjay Keer, Anil Suryavanshi Paper id. 44	159
30.	Model Checking Message Exchange in Location Based Services Ashwini Moily, Guru Prasanna, Keerthi S. Shetty and Sanjay Singh Paper id. 331	164
31.	Fuzzy Based Trust Management for Wireless Ad hoc Networks Pallavi Khatri and Shashikala tapaswi and U.P.Verma Paper id. 417	168
SESSION 3: COMPUTER GRAPHICS AND MULTIMEDIA		
32.	A Comparative Study of Thresholding Techniques for Image Denoising Vaibhav Nigam, Sajal Luthra and Smriti Bhatnagar. Paper id. 160	173
33.	A Hybrid DCT-VQ Based Approach for Efficient Compression of Color Images Arup Pal, G. P. Biswas and S. Mukhopadhyay. Paper id. 365	177
34.	Look-up Table based Multiple Watermarking with Minimum Distortion Jaishree Jain, Vijendra Rai and Suneeta Agarwal. Paper id. 268	182

Sr. No.	Title	Page No.
35.	A Perceptual Video Coder Incorporating Wavelet Based Intra Frame Coder Sreelekha G and Prashant G. Koparde. Paper id. 95	188
36.	A New Approach for Image Segmentation with MATLAB Saurabh Chaudhury and Indrani Pal. Paper id. 455	194
37.	Temporal Alignment of Non-gated image sequences for 4D cardiac imaging using wavelets S.Ennesai, K.A.Narayanankutty, M.Ganesan,.. Paper id. 546	198
38.	An Efficient Image Compression Algorithm for almost Dual-Color Image Based on K-Means Clustering, Bit-Map Generation and RLE Ayan Banerjee and Amiya Halder. Paper id. 345	201
39.	An Enhanced Method for Singular Points Detection in Fingerprint Images Zia Saquib, Nirmla Salam, Rekha Nair, Nipun Pandey Paper id. 90	206
40.	Blind Digital Image Watermarking Using Adaptive Casting Energy In Different Resolutions Of Wavelet Transform. Gurprakash Kang Paper id. 547	210
41.	An Efficient Automatic Hierarchical Image Segmentation Algorithm based on Modal Analysis and Mutational Agglomeration Sreya Banerjee, Amiya Halder and Ayan Banerjee Paper id. 344	216
42.	Image Processing Techniques for Grading & Classification of Rice Bhupinder Verma Paper id. 110	220
43.	Grayscale Image Quality Measure in Spatial Domain Niveditta Thakur, Swapna Devi and Prashant Upadhyay. Paper id. 120	224
44.	Curvelet Transform based Object Tracking Swati Nigam and Ashish Khare Paper id. 168	230
45.	2-D Separable Discrete Hartley Transform Architecture for Efficient FPGA Resource Vijay Kumar Sharma, Richa Agrawal, U. C. Pati and K. K. Mahapatra Paper id. 448	236
46.	Layered Mixed Media Painting Kapil Dev and Satish Chand Paper id. 308	242
47.	Reversible Fragile Medical Image Watermarking with zero Distortion Nagaraj V. Dharwadkar, B. B. Amberker, Supriya and Prateeksha B. Panchannavar. Paper id. 381	248

Sr. No.	Title	Page No.
SESSION 4: HARDWARE AND SOFTWARE DESIGN		
48.	Low Power Design of an SRAM Cell for Portable Devices Prashant Upadhyay, Rajesh Mehra and Niveditta Thakur. Paper id. 116	255
49.	Dynamically Reconfiguration Of PLL Using FPGA Archana S. Bhambore and R R Harkare. Paper id. 127	260
50.	Deep Sub-Micron SRAM Design for Low Leakage Sampath Kumar, Sanjay Kr Singh, Arti Noor and B.K.Kaushik. Paper id. 144	265
51.	A Novel Method For Diagnosis ff Board Level Interconnect Faults Using Boundary Scan Pankaj Kumar, R. K. Sharma, D. K. Sharma and B. K. Kaushik Paper id. 174	270
52.	A Comparative study of CMOS & CNFET based Current Conveyor at 32nm technology node Ale Imran, Pable S.D. and Mohd Hasan Paper id. 401	276
53.	A Novel Channel Select Filter For Multi Standard Wireless Receiver Neeta Pandey, Sajal K Paul and Asok Bhattachrayya. Paper id. 213	282
54.	A Novel Active Shunt-peaked MCML-based Four-Bit Ripple-Carry Adder for High Spees Applications K. Gupta, N. Pandey and M. Gupta. Paper id. 214	285
55.	Low Power High Throughput Current Mode Signaling Technique for Global VLSI Interconnect Sunil Jadav, Gargi Khanna, Ashok Kumar and Gaurav Saini Paper id. 232	290
56.	New Low-Power Techniques: Leakage Feedback with Stack & Sleep Stack with Keeper Pankaj Kr. Pal, Rituraj S. Rathore, Ashwani K.Rana and Gaurav Saini. Paper id. 234	296
57.	Leakage Behavior of Underlap FinFET Structure: A Simulation Study Gaurav Saini, Ashwani K Rana, Pankaj Kr. Pal and Sunil Jadav. Paper id. 235	302
58.	Resource Provisioning and Scheduling in Grids: Issues, Challenges and Future Directions Rajni and Inderveer Chana. Paper id. 250	306

Sr. No.	Title	Page No.
59.	Bandwidth Extension of A Cmos Constant Q Active Inductor Ashta Neekhra and Maneesha Gupta Paper id. 272	311
60.	Performance analysis of SiGe:C HBT Ritesh Kumar Jaiswal and R.K. Chauhan. Paper id. 323	314
61.	Modeling of On-Chip Global RLCG Interconnect Delay For Step Input Rajib Kar, V. Maheshwari, Aman Choudhary and Abhishek Singh. Paper id. 58	318
62.	High Performance Optimised CNFET based Current Conveyor at 32nm Technology Node Ale Imran, Mohd.Hasan, Pable.S.D. and M.W.Akram. Paper id. 179	324
 SESSION 5: COMPUTER COMMUNICATION AND NETWORK SECURITY 		
63.	A Cross-Layer Frame Work for Adaptive Video Streaming Over Wireless Networks Vijaykumar M and Santhosha Rao Paper id. 454	331
64.	Performance analysis of OFDM Mobile Systems for Wireless Communication Sarika pal, Avinash Kumar, and Narendra Pal. Paper id. 473	337
65.	Comprehensive Performance Analysis of MAC Protocols for Wireless Sensor Networks Bhoopendra Kumar, Rakesh Kumar Yadav and Rama Krishna Challa Paper id. 458	342
66.	Energy Efficient Sensor Network Security Using Stream Cipher Mode of Operation Shish Ahmad, Rizwan Beg and Qamar Abbas. Paper id. 478	348
67.	p-Cycle based Network Design to Control the Optical Path Lengths in Restored State of Transparent Network Raghav Yadav, Rama Shankar Yadav and Hari Mohan Singh. Paper id. 479	355
68.	Link Utilization in Survivable WDM Mesh Network Baibaswata Mohapatra, Rajendra K. Nagaria and Sudarshan Tiwari. Paper id. 481	360
69.	Performance Evaluation of TCP variants using Media Independent Handover in Heterogeneous network Vibha Tiwari, Sarita Kansal and Apurva Gaiwak Paper id. 512	367

Sr. No.	Title	Page No.
70.	Performance of Ad hoc Network Routing in IEEE 802.11 Chandra Shekar Reddy Putta, K.Bhanu Prasad, Dilli Ravilla, Murali Nath R.S and M.L.Ravi Chandra Paper id. 515	371
71.	Impact of Antenna Beam Joining on Resource Utilization in Wireless Mesh Networks using Smart Antenna Arvind Kumar and Rajeev Tripathi Paper id. 518	377
72.	Adaptive Channel Allocation Algorithm for Video Delivery Bijendra Kumar and Satish Chand. Paper id. 521	383
73.	Performance Evaluation of TCP Variants over Routing Protocols in Multi-hop Wireless Networks Mohit P. Tahiliani, K C Shet and T G Basavaraju Paper id. 525	387
74.	A Simple Delayed Acknowledgement Scheme Chandra Prakash Sahu, Manhendra Pratap Yadav, Manoj Rana and Ritesh Srivastava. Paper id. 532	393
75.	Performance Analysis of Support Vector Machine as Classifier for Voiced and Unvoiced Speech Sitanshu Gupta, Sharanyan S. and Asim Mukherjee Paper id. 540	397
76.	AODV and OLSR Routing Protocols for Wireless Ad-hoc and Mesh Networks Sunil Kumar and Jyotsna Sengupta Paper id. 544	402
77.	A Two Ray Propagation Model For Finding Mobile Location Over Plain Microcellular Environment D. Rajaveerappa and Fituri H. Belgassem. Paper id. 557	408
78.	Localization of Mobile Robots in a Network using Mobile Agents Shashank Srivastava and G.C Nandi. Paper id. 485	415
SESSION 6: ADVANCE DATABASE MANAGEMENT SYSTEM		
79.	Mobile Distributed Real Time Database Systems - A Research Challenges Vishnu Swaroop and Udai Shanker Paper id. 154	421
80.	An Approach To Graph Mining Using Gspan Algorithm Sadhana Priyadarshini and Debahuti Mishra Paper id. 493	425

Sr. No.	Title	Page No.
81.	A Comparative Study of Four Feature Selection Methods for Associative Classifiers Kavita Das and O. P. Vyas Paper id. 263	431
82.	Single Level Algorithm: An Improved Approach for Extracting User Navigational Patterns to Improve Website Effectiveness. Bhupendra Verma, Karunesh Gupta, Shivani Panchal and Rajesh Nigam. Paper id. 341	436
83.	Multi Agent System In Distributed Datawarehousing Latchoumi T.P and R. Sunitha Paper id. 163	442
84.	Re optimization of ID3 and C4.5 decision tree Devashish Thakur, Nisarga Markandaiah and Sharan Raj D Paper id. 369	448
85.	A Neuron Model for Documents Containing Multilingual Indian Texts Bhanu Prakash Kolla, M.A.Dorairangaswamy, and A.Rajaraman Paper id. 434	451
86.	Semantic Tagging and Classification of Blogs A. K. Singh and R.C. Joshi. Paper id. 553	455
SESSION 7: EVOLUTIONARY COMPUTING		
87.	Speech Corpus of Assamese Numerals Extracted using an Adaptive Pre-emphasis Filter for Speech Recognition Kandarpa Kumar Sarma, Mousmita Sarma and Krishna Dutta. Paper id. 25	461
88.	Performance of MBMS with Minimum SINR Algorithm Sanjay Dhar Roy and Sumit Kundu. Paper id. 56	467
89.	Implementation Of Object Oriented Approach For Copyright Protection Using Hadamard Transforms Chinta Someswara Rao, K.V.S. Murthy, V MNSSVKR Gupta, G.V Padma Raju, S. Viswanadha Raju, Adavi Balakrishna . Paper id. 59	473
90.	Prioritization of Test Case Scenarios Derived from Activity Diagram using Genetic Algorithm Chayanika Sharma, Sangeeta Sabharwal and Ritu Sibal. Paper id. 255	481
91.	SVM based Methods for Arrhythmia Classification in ECG Narendra Kohli, Nishchal Verma and Abhishek Roy. Paper id. 386	486

Sr. No.	Title	Page No.
92.	A Genetic Algorithm with entropy based initial bias for automated rule mining Saroj Ratnoo, Kapila Kundu, Dinesh Kumar and Kanika Anand. Paper id. 391	491
93.	A Relative Position based Algorithm to find out the Longest Common Subsequence from Multiple Biological Sequences Amit Shukla and Suneeta Agarwal Paper id. 497	496
94.	An Optimized Scheduling Algorithm for Migrated Jobs in Trusted Distributed Systems Shakti Mishra, Dharmender Singh Kushwaha and Arun Kumar Misra. Paper id. 498	503
95.	Differential Evolution Algorithm for Synthesis of Collinear Dipole Array of Arbitrary Length with Minimum Standing Wave Ratio and Fixed Side Lobe Level Banani Basu and Gautam Kumar Mahanti. Paper id. 508	510
96.	An Evolutionary approach for Protein Classification using Feature Extraction by Artificial Neural network Swati Vipsita and Santanu Rath Paper id. 514	516
97.	A Novel Fuzzy Logic Prediction Method to determine Scheduling Algorithm Parameters for Resource Intensive Network Dependent Applications on Digital Handheld Devices Suman Kumar S P and Vijay Anand S Paper id. 528	521
98.	A Comparative Analysis of Different Neural Networks for Face Recognition Using Principal Component Analysis, Wavelets and Efficient Variable Learning Rate Raman Bhati, Sarika Jain, Nilesh Maltare, Durgesh Kumar Mishra Paper id. 529	526
99.	Security Vs Cost: An Issue of Multi-objective Optimization for Choosing PGP Algorithms Divya Kumar, Divya Kashyap, K.K.Mishra and A.K. Misra. Paper id. 563	532
100.	Fuzzy Efficient and Pareto - Optimal Solution For Multiobjective Linear Plus Linear Frational Programming Problem Pitam Singh, Shiv Datt Kumar and R . K Singh. Paper id. 167	536
SESSION 8: ADVANCED SOFTWARE ENGINEERING		
101.	DNIT-A New Approach for Design Pattern Detection Akshara Pande, Manjari Gupta and A.K. Tripathi. Paper id. 157	545

Sr. No.	Title	Page No.
102.	An Event-Based Approach To Generate Test Scenarios Sangeeta Sabharwal, Sandeep Kumar Singh, Dhruv Sabharwal and Aditya Gabrani Paper id. 166	551
103.	Representing Join Point in UML Using Pointcuts Kirti Muley, Ugrasen Suman and Maya Ingle Paper id. 351	557
104.	A Systematic Literature Survey of Integration Testing in Component-Based Software Engineering S Phani Shashank, Praneeth Chakka and D Vijay Kumar. Paper id. 400	562
105.	Meta-Level Constructs in Content Personalization of a Web Application Annappa B, K. Chandrasekaran and K. C. Shet Paper id. 431	569
106.	Extracting The Similarity In Detected Software Clones Using Metrics Perumal. A, Kanmani. S and Kodhai. E Paper id. 435	575
107.	Modified Timeboxing Process Model For Proper Utilization Of Resources Pandaba Pradhan and Himadri Bhusan Mahapatra Paper id. 470	580
108.	Does Coupling Really Affect Complexity? A. Yadav and R. A. Khan Paper id. 471	583
109.	Designing Metrics for Caching Techniques For Dynamic Web Site Deepti Mehrotra, Renuka Nagpal and Pradeep Bhatia Paper id. 482	589
110.	Specifying Safety and critical Real-Time Systems in Z Sathish Kumar M and Shivani Goel Paper id. 519	596
111.	A Clustering Algorithm for Software Fault Prediction Deepinder Kaur, Arashdeep Kaur, Sunil Gulati, Mehak Aggarwal Paper id. 533	603
112.	Complexity measure based on Requirement Engineering Document and its Validation. Ashish Sharma and D. S. Kushwaha Paper id. 558	608
SESSION 9: HARDWARE AND SOFTWARE DESIGN		
113.	Migrating FPGA based PCI Express Gen1 design to Gen2 Sarun O.S Nambiar, Yogindra Abhyankar and Sajish Chandrababu. Paper id. 472	617

Sr. No.	Title	Page No.
114.	Modelling of Trapping Mechanism in MEMS Switches Kunal M. Dekate, Anju Gupta, Rajesh S. Pande Paper id. 490	621
115.	Multi Input Multi Output Biquadratic Universal Filter using Dual –X Current Conveyor(DXCCII) Shipra Maheshwari and Sudhanshu Maheshwari. Paper id. 506	626
116.	Novel PSO based FPGA Placement Techniques Prakash Kumar Rout, D. P. Acharya and G. Panda Paper id. 513	630
117.	Micro-strip Antenna Optimization using Genetic Algorithms Shibaji Chakraborty and Uddipan Mukherjee. Paper id. 552	635
118.	Fast Parallel Prefix on Multi-Mesh of Trees Sudhanshu Kumar Jha and Prasanta K. Jana. Paper id. 22	641
119.	An Extention of Edge Zeroing Heuristic for Scheduling Precedence Constrained Task Graphs on Parallel Systems using Cluster Dependent Priority Scheme Abhishek Mishra and Anil Kumar Tripathi. Paper id. 45	647
120.	3D Facial Model Construction and Expressions Synthesis from a Single Frontal Face Image Narendra Patel, Mukesh Zaveri Paper id. 467	652
121.	A Novel OTRA based oscillator with non interactive control Rajeshwari Pandey, Neeta Pandey, Rajendra Kumar, Garima Solanki Paper id. 254	658
122.	Adaptive Security Improvement using Dynamic Window Concept for Real Time Tasks on Cluster Sarsij Tripathi, Rama Shanker Yadav, Rajib Lochan Jana Paper id. 526	661
123.	Effect of Aggressor Driver Width on Crosstalk for Static and Dynamic Switching of Victim Line Devendra Kumar Sharma, B.K.Kaushik and R.K.Sharma Paper id. 541	667
124.	Accurate Estimation Of On-Chip Global RLC Interconnect Delay For Step Input R. Kar, V. Maheshwari, V. Agarwal, A. Choudhary, A.Singh, A. K. Mal and A. K. Bhattacharjee. Paper id. 412	673
125.	Design and Simulation of an improved Dual Band LNA for WLAN Applications Santosh Kumar Gupta, Abhash Garg and Nitin Prabhakar Singh Paper id. 347	678

Sr. No.	Title	Page No.
126.	Corner Effects in SOI-Tri gate FinFET by using 3D Process and Device Simulations M. Pavan Kumar , Santosh Kr Gupta and Madhumita Paul Paper id. 69	683
127.	An Approximate Algorithm for Degree Constraint Minimum Spanning Tree Sweetesh Singh, Rupesh Srivastava, Varun Kumar and Suneeta Agarwal Paper id. 334	687
128.	Graceful Degradation in Performance of WaveScalar Neha Sharma and Kumar Sambhav Pandey. Paper id. 542	693
SESSION 10: ARTIFICIAL INTELLIGENCE		
129.	Experimental Investigation on Mobile Robot Drive System through Resonant Induction Technique Ponnusamy Arunkumar, Shanmugam Nandhakumar and Alagappan Pandian. Paper id. 111	699
130.	Behavior-based Navigation of Multiple Robotic Agents using Hybrid-Fuzzy Controller Shubhasri Kundu and Dayal R. Parhi Paper id. 169	706
131.	Recognizing and Interpreting Indian Sign Language Gesture for Human Robot Interaction Anup Nandy, Soumik Mondal, Jay Shankar Prasad, Pavan Chakraborty and G.C.Nandi Paper id. 177	712
132.	Neutrosophic Modeling and Control Swati Aggarwal,Ranjit Biswas and A.Q.Ansari Paper id. 191	718
133.	An Enhanced Speech-based Internet Browsing System for Visually Challenged Prabhat Verma, Raghuraj Singh, Avinash Kumar Singh, Vibhash Yadav and Aditya Pandey Paper id. 229	724
134.	A New Data Mining Based Network Intrusion Detection Model Mrudula Gudadhe, Prakash Prasad and Kapil Wankhade Paper id. 275	731
135.	A Contemporary Approach to Hybrid Expert Systems Suresh Kumar and Dharm Raj Paper id. 278	736
136.	Decision Support System for Heart Disease based on Support Vector Machine and Artificial Neural Network Mrudula Gudadhe, Kapil Wankhade and Snehlata Dongre Paper id. 281	741

Sr. No.	Title	Page No.
137.	Adaptive Agent Generation Using Machine learning for Dynamic Difficulty Adjustment. Joy James Prabhu Arulsraj Paper id. 300	746
138.	Context Free Grammar Induction Library Using Genetic Algorithms Hari Mohan Pandey Paper id. 360	752
139.	Face Recognition based Verification with Reinforced Decision Support Karen Das, Hemashree Bordoloi and Kandarpa Kumar Sarma Paper id. 388	759
140.	Automatic standardization of spelling variations of Hindi Text Vishal Goyal and Gurpreet Singh Lehal. Paper id. 389	764
141.	Exploiting Grammatical Dependencies for Fine-grained Opinion Mining Ritesh Srivastava, M.P.S. Bhatia, Hemant Kr. Srivastava and C. P. Sahu Paper id. 405	768
142.	Rule Base to Resolve Translation Problems due to Differences in Gender Properties in Sibling Language Pair Gujarati-Hindi Kalyani A Patel and Jyoti S Pareek Paper id. 439	776
143.	Web service Selection based on Ranking of Qos using Naïve Bayes through Ontology Mapping Chitra S, Vidhya K A, and Aghila G. Paper id. 339	782

SESSION 11: COMPUTER COMMUNICATION AND NETWORK SECURITY

144.	A Printed F-Shaped Dual-band Monopole Antenna for RFID and WLAN Application Jyoti R. Panda and Rakesh S. Kshetrimayum. Paper id. 66	789
145.	Performance Evaluation of Authentication Protocols for IEEE 802.11 Standard P. Bachan and Brahmjit Singh. Paper id. 78	792
146.	Throughput/Delay Performance of Secondary User in Spectrum Underlay Sanjay Dhar Roy and Sumit Kundu. Paper id. 85	800
147.	A Planar Microstrip-Line Fed Elliptical UWB 5.2 GHz/5.8 GHz Notch Antenna With U-Shaped Slot Jyoti R. Panda and Rakesh S. Kshetrimayum. Paper id. 51	806

Sr. No.	Title	Page No.
148.	Influence of Computer Network Designing Parameters on Organizational Structure Factors Aziz Hatami and Abdolmajid Mosleh. Paper id. 23	812
149.	Optimal Number of Clusters in Wireless Sensor Networks: An FCM Approach A. S. Raghuvanshi, S Tiwari, R Tripathi and N. Kishor Paper id. 41	817
150.	LMS Adaptive Multiple Sub-filter based Acoustic Echo Cancellation Alaka Barik, Govind Murmu, Tarkeshwar Prasad Bhardwaj and Ravinder Nath Paper id. 505	824
151.	Emerging Mobile Communication Technologies for Health Basant Kumar, S. P. Singh and Anand Mohan Paper id. 503	828
152.	Identifying Cyber Black Holes (Deep Web) Pradeep Rai and Shubha Singh Paper id. 476	833
153.	Secure Routing Protocol for Hybrid Wireless Mesh Network (HWMN) Divya Bansal, Sanjeev Sofat, Gurdit Singh Paper id. 119	837
	Cwj qt 'Kpf gz	