ITC 2011 Accepted Full Papers

Paper ID	Title
9	Fault -Informant Distributed Deadlock Detection using Colored Probes
31	DBAM: Novel User Based Bandwidth Allocation Mechanism in WiMAX
32	Consensus based Dynamic Load Balancing for a Network of Heterogeneous Workstations
34	Experiments with a Behavior-Based Robot
36	A Semi-Supervised Learning Approach to Corporate News Classification and Organization-News Pairing
40	Materialized View Selection Approach Using an Efficient Algorithm
55	Logical Reasoning in NEURAL Networks
60	Information-Based Interactive Fuzzy AssociationRules in Domain Ontology Relationship
61	Investigation of Channel Capacity of Railway Power Lines for Track and Level cross Monitoring Applications
63	Ad-Hoc Scheme for Wireless Transmission of Audio Signals
64	Wavelet Transform Based Image RegistrationAnd Image Fusion
65	Energy Detection based CCA for Energy Constrained LR-WPAN
69	Applying a Predictive Approach for QoS Monitoring in Web Service
71	60 GHz Radio Channel Characteristics in an Indoor Environment for Home Entertainment Networks
75	Integral Multipath Routing in MPLS (Multiprotocol Label Switching)
78	An Efficent Cluster Based Message Dissemination Approch for Broadcasting the Emergency/Warning Messages Using a NovelScheduling in Vanets
83	A Distributed Weighted Cluster Based Routing Protocol for MANETs
89	Verilog HDL Implementation of High-Speed Parallel CRC Implementation Based on Unfolding, Pipelining, and Retiming
96	Optimizing the Performance of Dynamic Composite Web Service Using Caching
97	ReeRisk –A Decisional Risk Engineering Framework for Legacy System rejuvenation through Reengineering
98	Quantitative and Qualitative Comparison Study of Reference Based Time Synchronization Approach in Wireless Sensor Network
100	State-Space Modeling of DC Motor for Efficiency Enhancement in Textile Industries
101	Improved Back Propagation Algorithm to Avoid Local Minima in Multiplicative Neuron Model
103	FPGA Implementation of high area efficient and Low power Goertzel algorithm for spectrum analysis
106	A Reliable and Effective Cache Management Technique for DSR Protocol in Mobile Ad hoc Networks

107	A New Framework for efficient and quality Video Streaming in Wireless P2P networks using HIS-MDC Technique
109	A Novel Framework for Target Tracking and Data Fusion in Wireless Sensor Networks using Kernel Based Learning Algorithm
110	Denoising the Signals using Kalman Filter for Target Tracking in Wireless Sensor networks
111	Studies on Chaotic Behaviour of a Driven R-L-Varactor
112	Enhanced Scan is Introduced For The Design of Low Power Scan Testing
113	Performance Enhancement of Modified SOVA Decoding Algorithm for Turbo Codes
114	Speech Recognition System using Euclidean distance
116	A Low Power Lapped Bi-orthogonal Transform (LBT) For FPGA's
118	CASE-JigDFS: Context-Aware, Smart and Efficient JigDFS Network
120	Secure Geographic Routing Protocol in Manets
124	An Effective Performance of Fuzzy Hierarchical Clustering Using Time Series Data Streams
125	Credit Scoring using PCA-SVM hybrid Model
127	A Novel Dynamically QoS-Optimized Embedded Video Burst Scheduler
128	Channel Estimation on MIMO OFDM System Using Training Sequence over Rayleigh Fading Channel
134	Enhancement of Noisy Speech Signal Using SubBand Two Step Decision Directed Method With Adaptive Noise Estimation
145	Novel Stock Market Prediction using a Hybrid Model of Adptive Linear Combiner and Differential Evolution
149	Secure Self Organization of Wireless Sensor Network: A Need based Approach using Certificate less Public Key Infrastructure
151	Design of two dimensional fractional delay filters using various techniques
152	Design of high resolution, fast locking, low power Multiphase-Output Delay Locked Loop
155	A Novel Method for Software Effort Estimation Using Inverse Regression as firing Interval in fuzzy logic
157	Development of Educational Ontology for Software Risk Analysis
163	Reliable Confidentially Conserving Hierarchical Position Service for MANETs
508	Improved Acoustic Noise Cancellation Technique Using FT-LMS Over LMS and RLS Algorithms
531	Energy Efficient Data Aggregation & Routing in Wireless Sensor Networks
535	A Low Power Lapped Bi-orthogonal *Transform (LBT) For FPGA's*

541	Message Efficient Leader Finding Algorithm for Mobile Ad Hoc Networks
543	Dynamic Materialized View Selection Approach for Improving Query Performance
545	Approximate Pattern Matching for DNA Sequence Data
547	A Novel Method for Software Effort Estimation Using Inverse Regression as firing Interval in fuzzy logic
548	Energy Aware Topology Security Scheme for Mobile Ad Hoc Network
551	Object Recognition Using 2D Correlation
554	DFIG Based Wind Energy System (WES)
555	Voltage Stability Enhancement Using “Sen” Transformer
556	Message Efficient Leader Finding Algorithm for Mobile Ad Hoc Networks

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3	Quantum key distribution for free space communication
11	Organic Thin-Film Transistors with Gate Dielectric Insulator asDiamond-Like Carbon
14	Certification Authority and Ticket Granting Server with Kerberos Protocol
18	A VLSI Based Scheme for Implementaion of BIBD
19	ID Based Public Key Cryptography for Heterogeneous Wireless Sensor Networks
22	Cognitive Agents in Wireless Sensor Networks
24	Brain Structure Segmentation of Magnetic Resonance Imaging Using T – Mixture Algorithm
25	Critical Variable Partitioning for Reconfiguration of Mobile Devices
28	Target Selection of Customers for Telecom Service Providers Using K-Means Clustering and Backpropagation Artificial Neural Network
33	Template Matching Using Sum and Difference in Pixel Intensities
37	BlueSnarfing :A New Prank
38	Clouds:Elastic management of resources
39	Enchanced Expression of Gene Data
42	On 3D Streaming over Peer-to-Peer Networks
45	Active Real-Time Database Management and its Buffer Management
48	An Edge-based Algorithm for Text Extraction in Images and Video Frame

50	Pre-processed Depth First Search
51	Secure Identity-based Key Establishment Protocol
54	Efficent Image Smoothing And Sharpening By Using Adaptive Bilateral Filter
59	An Analysis on End-To-End Inference Methods Based On Packet Probing in Network
70	ST-Gait: A Framework for Human Identification based on Structural and Transitional Characteristics in Gait
73	Image fusion framework
79	Hybrid Routing for Ad hoc Wireless Networks
81	RSA Based Threshold Cryptography for Secure Data Forwarding and Key Exchange in Group Communication
85	Cooperative Caching Strategy in Mobile Ad Hoc Networks
104	Video Improvement Technique for Vibrating Video Signals in Surveillance Applications
105	Enhancement of Color Image using Forth order Partial Differential Equation Based on S-Type Enhancement
121	Face Recognition Using TPNMF Algorithm
122	Nearest Intersection Location Dependent Dissemination of Traffic Information in VANETs
126	An Enhancement to BioPPISVMExtractor using Multidimensional Support Vector Machine.
129	Trust Management System for Cloud Computing
131	Implementation of ARINC 429 16-Channel Transmitter Controller on FPGA
132	LTE Advanced: The 4G Mobile Broadband Technology
135	An Efficient Adaptive Encryption Algorithm for Digital Images.
138	Industrial Monitoring using Zigbee Network
139	Log based recovery with low overhead for mobile computing systems
140	A Machine Learning Approach for Fingerprint Based Gender Identification
141	Faster Arithmetic and Logical Unit CMOS Design with Reduced Number of Transistors
159	Intelligent Road Transport System Using UBIQUITOUS RFID
161	Micro-Calcification Detection Using SUSAN Filter
164	Energy Smart Ant-Based Routing Algorithm for Wireless Sensor Networks
510	Design of Student Classification Algorithm Using Decision Tree
512	Self-Checking Carry-Select Adder Design
515	The Multi-Modality Medical Image Fusion Using Wavelet Transform

528	Hybrid Routing for Ad hoc Wireless Networks
533	An Enhanced Round Robin Policy for Real Time Traffic
536	QoS Provision in MANETs by Improving the Channel Access Capability of *802.11 DCF*
537	A Fast Sentence Searching Algorithm
539	Constructing Models from Microarray Data with Swarm Algorithms
542	Solution of 0-1 Knapsack Problem by Genetic Algorithm
544	Custom Processor Implementation of a Self clocked Coding Scheme for Low Power RF Communication Systems
546	A Novel Message Routing In Unstructured P2P Using CIS And ANT Search Algorithm

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Paper ID	Title
7	Enhancement of Noise Handling Capacity with Cryptographic Algorithms using Convolution Encoding
12	Handover Decision System for Heterogeneous Wireless Environment
15	Building a Robust Biometric Identification for Use in Indian Voting System with Hierarchically Structured Servers
21	Search Engine Technique Using New Ranking Algorithm for Web Mining
26	Modified Graph Spectra Approach for Music Information Retrieval
27	The Role of Zigbee Technology in Future Wireless Communication System
30	Implementation of Improved Message Digest for Data Integrity in Network Security
41	Brain Wave Controller For Stress Removal And Automation of Automobile Ignition to Prevent Driving Under Influence
46	Cognitive Radio with Artificial Intelligence for Design and Security
47	Cooperative WLAN Infrastructure for Enterprise Environment
49	Cognitive WLAN: Centralized Management of WLAN
52	Dsp Implementation of Gesture Recognition System
56	Design and Implementation of KASUMI algorithm in ISMACryp encryption for video content protection in DVB-H application
58	Analysis and Optimisation of Various Transmission Issues in Video Streaming over Bluetooth
62	Analysis of Quality of Object Oriented systems using Object Oriented Metrics
67	Heterogeneous Data Mining Environment Based on DAM for Mobile Computing Environments
68	Empirical analysis and random respectful recombination of crossover and mutation in genetic algorithms.

72	A Descriptive Approach towards Data Warehouse and OLAP Technology: An Overview
74	Performance Improvement of Data Warehouse
77	An Empirical Biological Function Attribution:A Different Perspective
80	SOA enabled BPM rule engine
82	Watermarking: A Copyright Protection Tool
84	Data Classification Using Ant Miner with Threshold Cut-off
87	Design & Development of Device Drivers & Hardware for 8051 Development Board
88	An EAR Routing Protocol for Sensor Network
90	Implementation of FPGA Based Fault Injection Tool (FITO) For testing Fault Tolerant Designs
91	Verilog HDL Implementation of Low Power Audio Subword Sorter Unit for Security in Audio Streaming Applications
93	Remote Control as an Application of Wireless Networks
95	A Survey on Energy Efficient Cache Management in Wireless Sensor Networks
115	An Efficient Method For Content Aware Image Retargeting Using PSC
123	Requirements based Test Case Prioritization using Genetic Algorithm
133	Integration of Spatial and Transform Domain in LSB Steganography
137	Energy Consuption Analysis of Multicast Routing Protocols in Wireless AD HOC Networks Environment
143	Rail Road Strategy for SJF Starvation Problem
144	Fuzzy Logic Based Computer Vision System For Classification of Whole Cashew Kernel
146	Intelligent database for the SOA using BPEL
147	Business rules for data integration in heterogeneous database using Service Oriented Architecture (SOA)
148	Knowledge enabled Customer Relationship Management Based on SOA and CBR
150	Efficiently-enabled Inclusive Approach preventing SQL Injection Attacks
153	SA-OILINESS: A System to Measure Oiliness of Distant Subject Using Image Processing
154	Industrial Utilization of Wireless Sensor Networks
156	Wireless Sensor based Snow Monitoring System
158	HPGRID: A Novel Interconnection Network for P2P Grid Resource Management Systems
160	Cellphone Circuitry to Detect DIRTY Bombs
501	AKA-Protocol in UMTS
502	Vision Based Moving Object Tracking Through Enhanced Color Image segmentation Using Haar Classifiers
503	An Efficient algorithm for Prefix and Range Computation
504	Simulation of Firewall and Comparative Study

505	Performance Analysis of SOVA for Random Bit stream
506	Implementation of Logic gates with the use of 2:1 Mux
507	Multilayer perceptron
509	Design an Algorithm for Weblogs Analysis –An Application of Business Intelligence
513	A 32-bit 65-nm 6T-SRAM Designed for Manufacturability With Read and Write Assist Circuits
516	Performance Evaluation of Zigbee LAN by using Extended Queueing Petri nets and Markov Algorithm along with Adaboost algorithm
517	Network Intrusion Detection using data mining.
520	Feat Of Submerged Scheme Relevance In Power PC Processor Based FPGA Using FPGA IP Cores
521	Performance Analysis of Indoor Positioning System
522	Comparison of Performances of Acoustic Echo Cancellation *Systems based on Variable Step Size NLMS algorithms*
523	Exploring a new Dimension in Manets through a New Routing Protocol
529	An Approach for Composing Web Services through OWL
530	An Experience with Penetration Testing: Methodology and Evaluation
534	Research and Realization of Extraction Algorithm on Web Text Mining
540	Index Based Even Odd Multiple Pattern Matching Algorithm
549	Prediction Algorithm For Client Side Prefetching
550	Simulation Of Ultrasonic Phased Array Sensors For Time Of Flight Measurements
552	Algorithms For Estimating User Preferences in Single and Multi user Context Aware Environments
553	Enchancing And Deriving Actionable Knowledge From Decision Trees