ICIT 2008 Accepted papers

The following papers have been accepted for presentation in ICIT 2008 conference. An accepted paper will appear in the proceedings of the ICIT 2008 only when at least one authors of the paper registers before the deadline. The registration details and the deadline will appear in the ICIT website shortly. The reviews and categories of the papers will be sent to the corresponding authors shortly.

Track: Algorithms Chair: Prof. Rajeev Kumar

Sn	PaperID	Authors and Title	Status
1	108	L. Sunil Chandran, Mathew Francis and rogers mathew. Finding a Box Representation for a Graph in $O(n^2\Delta^2\ln n)$ time	**ACCEPT**
2	88	Alok Singh. A New Heuristic for the Minimum Routing Cost Spanning Tree Problem	**ACCEPT**
3	40	Malay Pakhira. Fast Image Segmentation using Modified CLARA Algorithm	**ACCEPT**
4	53	Banshidhar Majhi, Deepak Sahu and Ram Narayan Subudhi. An Efficient ID based Proxy Signature, Proxy Blind Signature and Proxy Partial Blind Signature	**ACCEPT**
5	123	Satchidananda Dehuri and Sung-Bae Cho. Honey Bee Behavior: A Multi-agent Approach for Multiple Campaign Assignment Problem	**ACCEPT**
6	97	Malay Pakhira and Prasenjit Das. On Development of a Generalized Visual Stochastic Optimizer	**ACCEPT**
7	100	S. P. Mohanty, B. N. B. Ray, S. N. PATRO and Alok Ranjan Tripathy. Topological Properties of A New Fault Tolerant Interconnection Network for Parallel Computer	**ACCEPT**
8	106	Bharath Kumar A. R. and Pradhan Bagur Umesh. An Improved Algorithm for Distributed Mutual Exclusion by Restricted Message Exchange in Voting Districts	**ACCEPT**
9	126	Satyasai Nanda and G. Panda. Development of a New Optimization Algorithm based on Artificial Immune System and Its Application	**ACCEPT**
10	117	Vivekananda Bhat K, Indranil Sengupta and Abhijit Das. Audio Watermarking based on BCH coding using CT and DWT	**ACCEPT**

Track: Architecture and Programming systems: Prof. Saraju Mohanty

SN	Paper ID	Authors and Title	Status
11	79	Satyendra Biswas, Sunil Das and Monsour Assaf. A NOVEL TECHNIQUE FOR INPUT VECTOR COMPRESSION IN SYSTEM-ON-CHIP TESTING	**ACCEPT**
12	115	Alpana Rajan, Anil Rawat and Rajesh Kumar Verma. Virtual Computing Grid using Resource Pooling	**ACCEPT**
13	140	Vinod Kumar, Kanchan Bokil, Ashwin Nivangune and Peeyush Jain. Semantics preserving micro-instant	**ACCEPT**

		implementation of synchronous programs	
14	5	sivasathya sundaram, Kuppuswami Subbaraya and Nagaseshu Kodela. Synchronous Replica Consistency Protocol with Notification and Response	**ACCEPT**
15	19	nibedita adhikari and Chitta Ranjan Tripathy. Folded Dualcube: A New Interconnection Topology For Parallel Systems	**ACCEPT**
16	122	Pabitra Choudhury, Sudhakar Sahoo and Mithun Chakraborty. Implementation of Basic Arithmetic Operations Using Cellular Automaton	**ACCEPT**

Track: Databases and Bioinformatics: Prof. Ashish Ghosh

SN	Paper ID	Authors and Title	Status
17	33	Sobha Rani T and Raju Bapi S. Cascaded multi-level promoter recognition of E.coli using dinucleotide features	**ACCEPT**
18	111	Ankit Agrawal and Xiaoqiu Huang. Pairwise DNA Alignment with Sequence Specific Transition-Transversion Ratio Using Multiple Parameter Sets	**ACCEPT**
19	118	Ankit Agrawal and Xiaoqiu Huang. Pairwise Statistical Significance of Local Sequence Alignment Using Substitution Matrices with Sequence-Pair-Specific Distance	**ACCEPT**
20	129	Anindya Halder, Susmita Ghosh and Ashish Ghosh. Aggregation Pheromone Density based Classification	**ACCEPT**
21	66	Asif Ekbal and Sivaji Bandyopadhyay. Part of Speech Tagging in Bengali using Support Vector Machine	**ACCEPT**
22	75	Abhijit R Tendulkar, Nikola Stojanovic and Robert Barber. Web-enabled classification of SNPs for genome-wide association studies	**ACCEPT**
23	104	Biswa R. Meher, M. V. Satish Kumar and Kausik Sen. Pressure induced conformational dynamics of HIV-1 protease: A Molecular Dynamics simulation study.	**ACCEPT**
24	121	Swarup Roy and Dhruba Bhattacharyya. SCOPE: An Efficient One Pass Approach to find strongly Correlated Item Pairs	**ACCEPT**
25	76	Rajesh Kumar Boora, D. S. Kushwaha and Arun Kumar Misra. High-Level Privacy Preserving Itemset Mining	**ACCEPT**
26	25	Chandra Das and Pradipta Maji. Prediction of Protein Functional Sites Using Novel String Kernels	**ACCEPT**
27	72	Anirban Mukhopadhyay, Ujjwal Maulik and Sanghamitra Bandyopadhyay. MRI Brain Image Segmentation using Multiobjective Variable String Length Genetic Fuzzy Clustering	**ACCEPT**
28	71	Ruchi Jain, Sandeep Ramineni and Nita Parekh. Integrated Genomic Island Prediction Tool (IGIPT)	**ACCEPT**

Track: Wireless and On-Chip Networks: Prof. Swades De

Sn	Paper ID	Authors and Title	Status
29	135	Siba Udgata, Sobbhit Srivastava, Hitesh Mahajan and Gauri Udgata. Channel Assignment and Reassignment using Co-channel Cells in Mobile Communication Network	**ACCEPT**
30	124	ASHOK RAJ NAGARAJAN, ARUN CHOCKALINGAM and MURUGAN KRISHNAN. IMPROVING THE EFFICIENCY OF ROUTE CACHE MECHANISM USING SMART PACKETS FOR DSR PROTOCOL IN MANET	**ACCEPT**
31	133	Amrita Bose Paul and Sukumar Nandi. Modified Optimized Link State Routing (M-OLSR) for Wireless Mesh Networks	**ACCEPT**
32	81	pabitra khilar and Jitendra Singh. Design and Evaluation of a Failure Detection Algorithm for Large Scale Ad Hoc Networks Using Cluster Based Approach	**ACCEPT**
33	116	Manoj Shukla. Analysis of Tree Based Interleaver for Iterative Receivers in IDMA Scheme	**ACCEPT**
34	37	SANJUKTA ROYCHOUDHURY, PARAMARTHA DUTTA and BISWAJIT MAITY. Enhancing efficiency towards handling mobility uncertainty in mobile ad-hoc network (MANET)	**ACCEPT**
35	90	Ash Mohammad Abbas. A Slotted and Cross Layer Node-Disjoint Mutipath Routing for Mobile Ad hoc Networks	**ACCEPT**
36	62	suchismita chinara and Santanu Kumar Rath. Mobility Based Clustering Algorithm and the Energy Consumption Model of Dynamic Nodes in Mobile Ad Hoc Network	**ACCEPT**
37	89	Ash Mohammad Abbas. Scalability and Overhead Analysis of a Hybrid Protocol for Node-Disjoint Multipath Routing in Mobile Ad hoc Networks	**ACCEPT**
38	120	Rupesh Kumar and S. V. Rao. Directional Greedy Routing Protocol (DGRP) in Mobile Ad-hoc Networks	**ACCEPT**
39	136	Siba Udgata, U. Anuradha, G. Pavan Kumar and Gauri Udgata. Assignment of Cells to Switches in a Cellular Mobile Environment using Swarm Intelligence	**ACCEPT**
40	95	Mrinal Nandi and Ashok Kumar Turuk. New Contention Avoidance Scheme in Optical Burst Switch Network	**ACCEPT**
41	132	dillip puthal, Bibhudatta sahoo and Ashok Kumar Turuk. Modified MAC for Priority Traffic with Slow Decrease of Contention Window and Reservationbased Packet Forwarding in IEEE 802.11 for QoS Provisioning	**ACCEPT**
42	67	dillip puthal. A Hardware Implementation of Modified MAC Behaviour for Multimedia Traffic in Wireless LAN for QoS	**ACCEPT**
43	73	Rao and Hrushikesha Mohanty. Design Issues of Policy Enforcer to Secure Multi-DomainEnvironment	**ACCEPT**

Track: Software Engineering and Industry Applications: Prof. Rajib Mall

Sn	Paper ID	Authors and Title	Status
44	50	Bikash Shaw, Swapan Kumar Parui and Malayappan Shridhar. Offline Handwritten Devanagari Word Recognition: A holistic approach based on directional chain code feature and HMM	**ACCEPT**
45	59	PG Sapna and Hrushikesha Mohanty. Automated Scenario Generation from UML Activity Diagrams	**ACCEPT**
46	61	sumagna patnaik and Hrushikesha Mohanty. On Specification of Treatment Modules	**ACCEPT**
47	82	praveen srivastava. Regression Testing Techniques for Agent Oriented Software	**ACCEPT**
48	93	Manik Lal Das. Secure and Efficient Authentication Scheme for Remote Systems	**ACCEPT**
49	98	ashraf armoush, Falk Salewski and Stefan Kowalewski. Recovery Block with Backup Voting: A New Pattern with Extended Representation for Safety Critical Embedded Systems	**ACCEPT**
50	127	Ali Haroonabadi, Mohammad Teshnehlab and Ali Movaghar. A Novel Method for Modeling and Evaluation of Uncertain Information Systems	**ACCEPT**
51	63	Baikuntha Narayan Biswal, Pragyan Nanda and Dr. Durga Prasad Mohapatra. A Novel Approach for Scenario-Based Test Case Generation	**ACCEPT**
52	64	Dhava chelvan, N.Saravanan and K. Satheskumar. Validation of Complexity Metrics of Agent-Based Systems Using Weyuker's Axioms	**ACCEPT**
53	69	Madhusmita Sahu and Dr. Durga Prasad Mohapatra. Slicing Java Server Pages Application	**ACCEPT**
54	107	Anandarup Roy, Swapan Kumar Parui, Amitav Paul and Utpal Roy. Color Based Image Segmentation	**ACCEPT**
55	51	Bikash Shaw, Swapan Kumar Parui and Malayappan Shridhar. A Segmentation based Approach to Offline Handwritten Devanagari Word Recognition	**ACCEPT**

Track: WEB TECHNOLOGY Chair: Prof. Debajyoti Mukhopadhyay

Sn	Paper ID	Authors and Titles	Status
56	39	Suman Saha, C. A. Murthy and Sankar Pal. Tensor Space Model for Hypertext representation	**ACCEPT**
57	12	Debajyoti Mukhopadhyay and Sukanta Sinha. A New Approach to Design Graph Based Search Engine for Multiple Domains Using Different Ontologies	**ACCEPT**
58	137	Hrushikesha Mohanty, Deepak Chenthati, Supriya Vaddi and R.K. Shyamasundar. HUMSAT for State Based Web Service Composition	**ACCEPT**
59	54	Debajyoti Mukhopadhyay, Ruma Dutta and Anirban	**ACCEPT**

		Kundu. A Product Recommendation System using Vector Space Model and Association Rule	
60	70	Kamal Sarkar. Syntactic Sentence Compression: Facilitating Web Browsing on Mobile Devices	**ACCEPT**

Track: Management Information Systems Chair: RadhaKanta Mahapatra

SN	Paper ID	Authors and Title	Status
61	105	Madhavi Latha Nandi and Gopal Krishna Nayak. Information Systems Management in Public Sector Organizations	**ACCEPT**
62	24	PARIJAT UPADHYAY and PRANAB DAN. An explorative study to identify the Critical Success Factors for ERP implementation in Indian small and medium scale enterprises	**ACCEPT**
63	9	Farrukh Amin. Internet Banking System in South Asian Countries – Preliminary Findings	**ACCEPT**
64	128	Satya Ranjan Das and Sanjay Mohapatra. Social and public impact of ICT enabled education	**ACCEPT**
65	57	Indranil Bose and Alvin Leung. Assessment of Phishing Announcements on Market Value of Firms	**ACCEPT**

Program Chairs:
Abhaya Nayak
B S Panda