3rd IEEE International Conference on
RECENT ADVANCES IN INFORMATION TECHNOLOGY
(RAIT – 2016)
03-05 March 2016

List 1: (Accepted Papers)

Sl. No.	Paper ID	Title
1	1	Secured e-Voting System Using Android and Web-Based Platform
2	3	Implementation of Real Time Signal Processing Algorithms on FPGA for Tracking Noisy Signal
3	5	Using Fuzzy c means and Multi Layer Perceptron for Data Imputation: Simple v/s Complex Dataset
4	9	Usability of Electronic Voting System in India and Innovatory Approach
5	11	A Computational Trust Model for B2C E-Commerce: Comparison Framework Based on Fuzzy and ANFIS Approach
6	14	An Efficient and Robust Temporal Credential Based Mutual Authentication Scheme for Wireless Sensor Networks
7	15	A Novel intuitive approach of Wireless Robot Control over Wi-Fi Networks by Real-time Face Detection and Tracking intended for advanced Gesture controlled Robotics as well as assistive systems
8	16	Analysis of Power and Delay for Efficient Memory Cells Using Irregular Array Structure
9	19	Classification of Lower Limb Motor Imagery Using K Nearest Neighbor and Naive-Bayesian Classifier
10	20	New Approach of Authentication Method based on Profiles

28	69	**Implementation of Raspberry Pi based Real-Time Traffic Monitoring System utilizing 3G network for communication among system nodes**
29	77	**SQL Injection Attacks in Internet Voting Systems**
30	83	**Multi-Cloud Scenario based QoS Enhancing Virtual Resource Brokering**
31	84	**A New Spectral Subtraction Method for Speech Enhancement using Adaptive Noise Estimation**
32	87	**Comparative study of MFDFA technique for Isometric and Isotonic Muscle Contraction**
33	88	**A Novel Approach to Classify the Research Articles Hierarchically**
34	91	**Information Retrieval from Social Networks: A Survey**
35	96	**A novel approach to a camera based assistive aid for visually impaired**
36	98	**Algorithm of 2D-Voronoi Diagram Construction With Rectangular Block**
37	100	**A novel deep learning architecture for sentiment classification**
38	101	**A Novel Soft Set Theoretic Prisoners' Dilemma Game Model**
39	103	**Restoring Virtual Backbone of Wireless Sensor Network on Sensor Failure**
40	105	**An Introduction towards Automated Parameterization Reduction of Soft Set**
41	108	**Anomaly Detection in Online Social Network**
42	110	**Empirical Study of Buffer Overflow Protection Mechanisms in their Ability to Defend Against Large Scale Cyber Attacks**
43	114	**Process excellence in IT sector in an emerging economic scenario**

44	115	**Heat Pipe Mass Optimization for Space Applications**
45	118	**Web services on instant messaging**
46	125	**Candidate Core Selection for Load-Balanced Multicore Shared Tree Multicasting**
47	127	**Sentiment classification of Hinglish text**
48	128	**Comparison of Communication Protocols for UAVs and VANETs**
49	129	**Low Power Customized New Trend Remote Surveillance System Over 3G Mobile Network**
50	131	**A 2260 GOPS High-Performance and High-Precision Sub-Pixel Motion Estimator-Interpolator for Real-Time 8K UHDTV High Efficiency Video Coding (HEVC) in Next Generation Wireless Multimedia Applications**
51	135	**A Reliability Aware Application Mapping onto Mesh based Network-on-Chip**
52	137	**An ILP-based Floorplan-aware Path Synthesis Technique for Application-Specific NoC Design**
53	138	**Performance Evaluation of MySQL, Cassandra and HBase for Heavy Write Operation**
54	140	**Green Intelligence for Cloud Data Centers**
55	145	**Application of twitter in Health care sector for India**
56	149	**Modified Dictionary Learning Method For Sparsity Based Single Image Super-Resolution**
57	155	**Comparative study of Electrode Configurations in Different Brain Tumor Geometry for Effective Electrochemotherapy**
58	157	**Anomaly Detection Based on Contextual Information With Adaptive Inference for Surveillance Videos**
59	160	**E-governance and use of information communication technology in land management system in the jharkhand state : problems and prospects**

60	163	FCRW: Firefly Algorithm for Cluster Head Selection and Routing in Wireless Sensor Networks
61	164	A Real-time heartbeat detection technique using TMS320C6713 Processor and Multi-rate Signal Processing
62	165	A novel SIMULINK-based model for comprehensive analysis and comparison of different inverter PWM techniques
63	171	A Modified NCO based LSPF-DPLL Phase Resolver for Wireless Communication
64	176	Design of a mobile Web crawler for hidden Web
65	182	Eye Movement Based Human Computer Interaction
66	183	Fusion of EDBC and SVD Features for Face Recognition
67	184	An Anti-Jamming Protocol Based on Secret Reallocation of Channels
68	187	Data Modelling for Discrete Time Series Data Using Cassandra and MongoDB
69	189	A Dynamic MicroTask Scheduling Approach for SLO based Human-augmented Computing
70	192	Optimization of clustering process in WSN with meta-hueristic techniques-A survey
71	194	An Efficient Lightweight Cryptographic Scheme of Signcryption Based on Hyperelliptic Curve
72	196	Construction of Amicably Resolvable Pairwise Balanced Design from Row-regular Williamson Type Matrices
73	198	Architecture of Optical Sensing and Monitoring for Pipelines using FBG
74	207	A Novel Parallel Search Technique for Optimization
75	208	A Delay-bound Efficient Path Design Algorithm for Mobile Sink in Wireless Sensor Networks
76	209	Indegree-based Path Design for Mobile Sink in Wireless Sensor Networks

Accepted Papers (List - 2)

Sl. No.	Paper ID	Title
1	37	Study of Scattering Parameters and Gain of two longitudinal Slots of Same or Different Electrical Lengths Milled on either one or both Face of Broad Wall of a Waveguide for Shunt Slot Array Antenna
2	38	Modified ACO to maintain diversity in Regression Test Optimization
3	47	Non-Linear Fractal Analysis of ECG signal collected from Maternal and Normal Sinus Women
4	49	A novel flower pollination algorithm for congestion management in electricity market
5	56	Wi-Fi Control Bot with Real-Time Video Streaming
6	59	Design of Slot Loaded Proximity Coupled Microstrip Antennas using Knowledge based neural networks
7	67	Comparison between GA-based LQR and Conventional LQR Control Method of DFIG Wind Energy System
8	70	Outage Performance of Secondary User in Cognitive Relay Network with Multiple Pus
9	72	Comparative Study of Asymmetrical Configuration of Multilevel Inverter for Different Levels
10	73	GA Based Improved Frequency Regulation Characteristics For Thermal-Hydro-Gas & DFIG Model In coordination With FACTS And Energy Storage System
11	76	An improved (n; n) Multi-Secret Image Sharing Scheme using Boolean XOR and Reverse Bits
12	80	Modelling and analysis of vertically coupled triple optical asymmetrical microring resonator
13	85	An Improved Secure Remote Login Protocol with Three-Factor Authentication
14	86	Runoff Estimation of Banaras Hindu University South Campus Using ArcGIS and HecGeo-HMS
15	92	Frequency and Power control of Isolated Hybrid Power System using Scaling Factor Based Fuzzy Logic Controller

16	93	An Efficient methodology to solve the K-terminal network reliability problem
17	94	Simulink based implementation of synchronization algorithm in three phase grid connected photovoltaic system with load
18	111	FOREX Rate Prediction using Chaos Theory and Quantile Regression Random Forest
19	113	Domain Adaptation for Land-cover Classification of Remotely Sensed Images using Ensemble of Multilayer Perceptrons
20	130	Cooperative Spectrum Sensing based on Dynamic Clustering with Improved Energy Detector
21	132	Fuzzy Gain Scheduled Intelligent Frequency Control in an AC Microgrid
22	133	Efficient Coverage and Connectivity Aware Data Gathering Protocol for Wireless Sensor Networks
23	136	A Novel Approach for De-speckling of Ultrasound Images using Bilateral Filter
24	139	Behavioral Study of Sybil Attack on Vehicular Network
25	141	Survey on Automated Diagnosis on the Detection of Leukemia: A Hematological disorder
26	142	A Hybrid Method for Image Categorization using Shape Descriptors and Histogram of Oriented Gradients
27	143	Multi-objective Genetic Algorithm set up For Feature Subset Selection in Clustering
28	146	Analysis and QoS Measurement for Voluminous Data Flow in Wireless Sensor Network
29	147	A Novel Method for Moving Object Detection based on Block Based Frame Differencing
30	148	Towards An Internet of Things Framework for Financial Services Sector
31	150	Modelling And Simulation Of Photovoltaic System For Isolated And Grid Connected Mode
32	151	Standalone Operation Of Wind Turbine Driven Self Excited Induction Generator
33	152	Single Notch band UWB BPF Using Square Ring Resonator

34	154	Strategic ICT initiatives in hospitality industry to gain sustainable competitive advantage: a framework for evaluating the response lag perspective
35	156	HR Practices for Women Employees: A Study of Information Technology (IT) Sector in India
36	158	Microscopic Image Classification using DCT for the Detection of Acute Lymphoblastic Leukemia(ALL)
37	167	Identification of miRNA Signature using Next-Generation Sequencing data of Prostate Cancer
38	173	Class Tiling Design for Ordered Dithering
39	177	Business Data Extraction from Social Networking
40	181	A Contour based Procedure for Face Detection and Tracking from Video
41	186	Enhanced Free Spectral range Triple Ring Resonator
42	190	Anomaly Detection in Network Traffic using K-mean clustering
43	191	Active Power Factor Correction for Rectifier using Micro-controller
44	197	Computer Aided Automatic Water Pipe Network Analysis by Simultaneous Loop Equation Solution Method
45	199	VLSI Implementation of Optimized Spectrum Sensing Scheme for Cognitive Radio
46	203	Malicious Node Detection using ID-Based Authentication Technique
47	205	Design of an Enhanced Authentication Protocol and Its Verification using AVISPA
48	206	Efficiency of Test Case Prioritization Technique based on Faults
49	212	Location and Selective-bordercast based enhancement of Zone Routing Protocol
50	218	Mapping Three Step Search Algorithm onto a Systolic Array Processor in H.264

51	220	Hardware Implementation of Na¨ıve Bayes Classifier: A Cost Effective Technique
52	224	Comparative Analysis of Si, SiGe and Ge bulk Tri Gate n-FinFET for Enhanced Drive Current and Low Power Dissipation
53	232	Study of Fairness and delay of packet scheduling in IEEE 802.11 based Wireless Mesh Network
54	237	A Survey on Wireless Sensor Network for Community Intrusion Detection Systems
55	321	Review of IT Enabled Technologies in Indian Mining Industry for Improved Productivity & Safety
56	333	Vegetation Indices Based Segmentation for Automatic Classification of Blast and Brown Spot Diseases of Rice
57	116	Comprehensive study of various configurations of three-phase Multilevel Inverter for different levels