



Second International Conference on ICT for Competitive Strategies

4 - 5 March, 2016 | Udaipur, INDIA

Second International Conference on ICT for Competitive Strategies

Day 1 : Friday, 4 March, 2016 | Venue – Hotel Inder Residency, Udaipur

Inaugural Registration (05:00 PM – 06:00 PM) | Tea and Networking

Inaugural Function cum Award Ceremony (06:00 PM – 08:45 PM) | Kohinoor Hall, Hotel Inder Residency, Udaipur

Dinner and Networking (08:45 PM Onwards)

Day 2 : Saturday, 5 March, 2016 | Venue – Pacific University, Udaipur

ICTCS 2016 Conference Registration (09:00 AM – 10:00 AM) | High Tea and Networking

Opening Remarks and Plenary Session (10:00 AM – 11:30 AM) | Room No. 305, PIT, Pacific University

Paper Presentation Session 1A – 1H (11:30 AM – 01:00 PM) | 8 Parallel Sessions

Working Lunch and Networking (12:30 PM – 02:00 PM)

Paper Presentation Session 2A – 2H (01:00 PM – 2:30 PM) | 8 Parallel Sessions

Paper Presentation Session 3A – 3H (02:30 PM – 04:00 PM) | 8 Parallel Sessions

Closing Remarks (04:00 PM – 04:15 PM)

Tea and Networking 04:15 PM Onwards



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Paper Presentation Schedule | Day 2 : Saturday, 5 March, 2016

Paper Presentation Session 1A (11:30 AM – 01:00 PM) | Room No. 302, PIT, Pacific University

Special Session 8 | Session Coordinator – Dr. Ram Shringar Rao

Implementation and Analysis of Blackhole Attack in AODV Routing Protocol

Rashmi Chaudhary, Prakash Rao Ragiri

Virtual Machine Provisioning Strategies for Cloud Scenarios: A Survey of Approaches and Challenges

Lincoln Nhapi, Arun Kumar Yadav, Ram Shringar Rao

Optimization Techniques in Wireless Sensor Networks

Surjit Singh, Rajeev Mohan Sharma

Evaluation of Link Lifetime based Routing Protocol for Vehicular Ad-hoc Networks

Pradeep Kamboj, Ram Shringar Rao, A. K. Gautam

Hop Count Analysis of IE-DIR Protocol for VANETs in Wider City Traffic Scenario

Varun Prabhakar, Annapurna Singh, Ram Shringar Rao

Analysis of Message Propagation for Intelligent Disaster Management through Vehicular Cloud Network

Ram Shringar Rao, Loveleen, Arushi Kadam, Arvind Kumar, Nanhay Singh

Security, Privacy Issues and challenges In Cloud Computing: A Survey

Lahar Singh Nishad, Akriti, Roli Pandey, Jaya Paliwal, Sumitra Beniwal, Sarvesh Kumar

Patient Data Dissemination in Wireless Body Area Network: A Qualitative Analysis

Faseeh Ullah, Abdul Hanan Abdullah, Omprakash Kaiwartya, Shiv Prakash

Geometry based Inter Vehicle Distance Estimation for Instantaneous GPS Failure in VANETs

Ahmed Nazar Hassan, Omprakash Kaiwartya, Abdul Hanan Abdullah, Dalya Khalid Sheet, Shiv Prakash

Open Source Software Reliability Growth Models for Distributed Environment Based on Component-Specific Testing-Efforts

Prashant Johri, Sanjoy Das, Md Nasar, Mithun Kumar

Analysis of Angle Based Opportunistic Routing Protocol for Vehicular Ad-Hoc Networks

Harsh Kumar Singh, Ram Shringar Rao, Arvind kumar singh, Sanjay kumar soni, Sanjeev kumar



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Paper Presentation Session 1B (11:30 AM – 01:00 PM) | Room No. 303, PIT, Pacific University

Special Session 8 | Session Coordinator – Dr. Shyam Akashe

Design Of Low Power Memristor Non-Volatile Dram Cell with Footer Switch

Peter Bukelani Musiwa, Shyam Akashe

Novel Gating Technique in D-latch for Low Power Application

Akanksha Singh, Ayushi Marwah

Realization of Schmitt Trigger in Low Power SRAM Cell

Nilotpal Arjun, Ayushi Marwah

Power and Area Efficient Capacitor Multiplier Technique for Multi-Fin two stage Opamp

Aditya Raj, Shyam Akashe

Power Efficient Optimal Operational Transconductance Amplifier Using Source Degeneration Technique

Prateek Tiwari, Ranjeet Singh Tomar

Design of Low Power 3-Bit TIQ based ADC by Using FinFET Technology

Devansh Sinha, Shyam Akashe

Performance Augmentation of 2:1 Mux Using Transmission Gate

Mohit Vyas, Shyam Akashe

Design and Analysis of New Efficient Multi-Fin Low Leakage Switch Mode Power Supply

Shubham Verma, Prateek Jain

A SDDG FinFET based Opamp with DSB Circuit

Jainendra Tripathi, Ranjeet Singh Tomar



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Paper Presentation Session 1C (11:30 AM – 01:00 PM) | Room No. 304, PIT, Pacific University

Special Session 22 | Session Coordinator – Dr. Himanshu Gupta

Symmetric Cryptography using Multiple Access Circular Queues (MACQ)

Sona Phull, Subhranil Som

Intrusion Detection System using Genetic Algorithm for Cloud

Tanya Singh, Seema Verma, Sumeet Katiyar

Agent based security model for Cloud Big Data

Sunil Kumar, Jayant Shekhar, Himanshu Gupta

Automated Verification In Cryptography System

N. Immanuel Jebadurai, Himanshu Gupta

Implementing and Analyzing Big Data Techniques with Spring Framework in Java & J2EE Based Application

Ankur Saxena, Neeraj Kaushik, Nidhi Kaushik

A New Approach For The Security Of VPN

Kuwar Kuldeep V V Singh, Himanshu Gupta

ID Based Encryption in Modern Cryptography

Gurjeet Singh Puri, Himanshu Gupta

Special Session 5 | Session Coordinator – Mr. Steven Lawrence Fernandes

A Comparative Study on Early Skin Cancer Detection Using Computer Aided Diagnosis Techniques

Steven Lawrence Fernandes, Baisakhi Chakraborty

A Review on Crowd Behavior Analysis Methods for Video Surveillance

Surbhi Heda, Saurabh Maheshwari

Prediction of next Mobile Access Gateway by Tracking Locations of Mobile Node

N.M. Tarbani, A.S.Alvi, G.R.Bannote, S.V.Pattalwar

Performance Evaluation of Classifiers on WISDM Dataset for Human Activity Recognition

K.H. Walse, R.V. Dharaskar, V.M. Thakare

A Novel Approach Towards Authentication by Generating Strong Passwords

Vijay B Gadicha, A S Alvi



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Paper Presentation Session 1D (11:30 AM – 01:00 PM) | Room No. 306, PIT, Pacific University

Special Session 26 | Session Coordinator – Dr. Swarup Roy, Prof. Dhruba K Bhattacharyya

Denial of Service Attack Detection using Multivariate Correlation Analysis

Nazrul Hoque, Dhruba Kumar Bhattacharyya, Jugal Kumar Kalita

A Fast Gene Expression Analysis using Parallel Biclustering and Distributed Triclustering Approach

Tulika Kakati, Hasin A Ahmed, Dhruba Kumar Bhattacharyya, Jugal K Kalita

PDComp: An Effective PPI complex Finding Method

Dhruba Kumar Bhattacharyya, Ashish Ghosh

Information Theoretic Approaches for Detecting Causality in Gene Regulatory Networks

Kangkan Medhi, Syed Sazzad Ahmed, Swarup Roy, Dhruba K Bhattacharyya, Jugal K Kalita

Computational Methods for Detecting Biologically Significant Network Modules from Gene Regulatory Network

Hazel Nicolette Manners, Monica Jha, Pietro H Guzzi, Pierangelo Veltri, Swarup Roy

valuating the Effectiveness of Soft K-Means in Detecting Overlapping Clusters

Ronald Ashley Dkhar, Keshab Nath, Sukumar Nandi, Dhruba K Bhattacharyya, Swarup Roy

Counting Clusters in Twitter Posts

Andrew Bates, Jugal Kalita

Special Session 10 | Session Coordinator – Dr. Vijay Bhaskar Semwal

Blended e-Learning Training (BeLT): Enhancing Railway Station Controller Knowledge

Aditya Khamparia, Monika Rani, Babita Pandey, O. P. Vyas

Push Recovery for Humanoid Robot in Dynamic Environment and Classifying the Data Using K-Mean

Anubha Parashar, Somya Goyal, Bharat Sahjlan, Apoorva Parashar

Object Detection using a Handheld Android Device for Processing Image Data in Real Time

Ishan Agarwal, Bansidhar Joshi, Shalabh Kumar

A Study on effects of multi-dimension reduction on Three-Dimensional wireless sensor network localization

Bhagwan Sahay Meena, K Hemachandran, Shaine Hussain Laskar

Nano Sensors and Pattern Recognition for Detection of Hidden Explosives

N. L. Manasa



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Paper Presentation Session 1E (11:30 AM – 01:00 PM) | Room No. 310, PIT, Pacific University

Special Session 27 | Session Coordinator – Dr. Anupriya Jain , Mr. Sachin Sharma

Causes of Human Errors in Early Risk assesment in Software Project Management

Seema Sharma, Babu Ram

Fuzzy and ANN based mining approach testing for Social network analysis

Anupriya Jain, M K Sharma

Proposed Frame Work of E-Learning Services Through Cloud

Sonia Duggal, M K Sharma

Analysis of Association rule in Data Mining

Sachin Sharma, Babu Ram

A Peek into Web Applications Security

Vidushi singhal, Shrey Sethi

Wi-MAX: CONNECTING PEOPLE

Vidushi Singhal, Robin Swamy

PenTest Ninja : XSS And SQLi Takeover Tool

Vidushi Singhal, Kunal Relan

Special Session 36 | Session Coordinator – Dr. Deepak Kumar

Evolution of Payments Bank and Impact from M-PESA: A case of Mobile Banking Services in India

Gourav Vyas, Loveleen Gaur, Gurinder Singh

Factors Affecting the Adoption of ICT in Hospitality & Tourism Industry

M P Sharma

A Review of Game-Theoretic Approaches for Secure Virtual Machine Resource Allocation in Cloud

Priti Narwal, Deepak Kumar, Mayank Sharma

GOOGLE ANALYTICS: A Tool for making websites more robust

Gurinder Singh, Loveleen Gaur, Shubhankar Kumar, Jeyta

Link Prediction in Social Networks: A Similarity score based Neural Network Approach

Upasana sharma, Bhawna Minocha



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Paper Presentation Session 1F (11:30 AM – 01:00 PM) | Room No. 311, PIT, Pacific University

Special Session 12 | Session Coordinator – Dr. Jibitesh Mishra

Recommended System for Elearning through Content and Profile based Approach

S. Venu Gopalan, M. V. Srinath, Paul Rodriguez

Designing a Secure Network Interface By Thwarting Mac Spoofing Attacks

Debi Prasad Mishra, Prajnya Priyadarsini Satapathy, Biswajit Mishra

Localization Adaptive Secure Routing for Ad-Hoc Cloud Networks Based on Synchronized Timestamp Approach

Niroj Kumar Pani, Bikram Keshari Rath, Sarojananda Mishra

Self Similarity Effect Of RTT And RTO in Network Congestion Control Mechanism

Sanjay Kumar Patra, Sarojananda Mishra

Cyber Contract : A Case study - email

Biswajit Tripathy

Performance Evaluation of WMN using Joint Channel Assignment and Routing

Sanjit Kumar Dash, Amrutanshu Panigrahi, B. Gayatri Prusty

Special Session 32 | Session Coordinator – Dr. B. B. Gupta, Mr. Gulshan Shrivastava

Intellectualizing TRUST for Medical Websites

Himani Singal, Shruti Kohli

Smartphone Security: Review of challenges and solution

Vikash Kumar, Kavita Sharma

A Major Threat to Big Data - Data Security

Arunima Dubey, Satyajee Srivastava

Smart Cities: A Secure Data Transmission Model

Manju Khari, Manoj Kumar, Sonakshi Vij, Priyank Pandey, Vaishali

An Integrated method for Outlier Detection with Analytical Study of Distance Based and Angle Based Approaches

Deepti Mishra, Devpriya Soni

A Novel Approach for Software Test Data Generation using Cuckoo Algorithm

Manju Khari, Prabhat Kumar



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Paper Presentation Session 1G (11:30 AM – 01:00 PM) | Room No. 312, PIT, Pacific University

Special Session 29 | Session Coordinator – Dr. Amit Kumar Manocha

Evaluation and Comparison of Entity based search Implied by SVM and Neural Network

Anant Kumar Malani, Mukesh Kumar

Comparative Analysis of Fault Detection in Transformers using different Fuzzy Membership Functions

Amrinder Kaur, Yadwinder Singh Brar, Leena G.

VIP: verification and identification protective dta handling layer implementation to achieve mvcc in cloud computing

Ajay Jangra, Upasana lakhina, Niharika singh

Confidentiality Enhanced Security Model for Cloud Environment

ANURAG JAIN, RAJNEESH KUMAR

A Review of Automatic Signature Verification

Kamlesh kumari, V.K. Srivastava

An Optimal Approach for extraction of web content using Semantic Web Frame work

Shabina Dhuria, Harmunish Taneja, Kavita Taneja

Special Session 39 | Session Coordinator – Dr. Sharvari Chandrashekhar Tamane

Biometric Template Protection with Fuzzy Vault and Fuzzy Commitment

Shubhangi Sapkal, R.R. Deshmukh

Non-Relational Databases in Big Data

Sharvari Tamane

Performance Improvement: Audio Steganography Technique Parity Bit Combined with Cryptography

Prutha Sanjay Bhalde

Emerging opportunities in Domain Specific Search

Neha Eknath Vekhande, Uttara Dhananjay Gogate



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Paper Presentation Session 1H (11:30 AM – 01:00 PM) | Room No. 313, PIT, Pacific University

Special Session 43 | Session Coordinator – Dr. Brojo Kishore Mishra

A Critical Assessment of Recent ICT-Enabled Energy Management Applications in Smart Grid Domain

Diptendu Sinha Roy, Snehasree Behera

Energy Aware Heuristic Scheduling of Variable Class Constraint Resources in Cloud Data Centres

Geetika Mudali, K Hemant Kumar Reddy, Diptendu Sinha Roy

Big Data and ICT Applications - A study

Rachita Misra, Bijayalaxmi Panda, Mayank Tiwari

An implementation of Feature ranking using Machine learning techniques for Diabetes disease prediction

Sushruta Mishra, Pamela Choudhury, Brojo Kishore Mishra, Hrudaya Kumar Tripathy

Reliability Assessment of Energy Monitoring Service for a Futuristic Smart City

Ranjit Kumar Behera, K Hemant Kumar Reddy, Diptendu Sinha Roy

Enhancing the capabilities of Student Result Prediction System

Pamela Chaudhury, Sushruta Mishra, Hruday Kumar Tripathy, Brojo Kishore Mishra

Prioritization of Security Measures at the Junction of MANET and IoT

Mamata Rath, Chhabi Rani Panigrahi

ICTCS 2016 General Tracks

AB-EUIDE: An approach to the design of ergonomic user interfaces for Cloud Computing

S.Ravi Kumar, Md. Adbul Muqsit Khan, Y.K. Sundara Krishna, K. Chandra Sekharaiah

A Survey on IoT privacy issues and mitigation techniques

Birju Tank, Hardik Upadhyay, Hiren Patel

Agent Based Ergonomic and Intelligent User interface design in Cloud Computing

S. Ravi Kumar, Abdul Muqsit Khan, K.Chandra Sekharaiah, Y.K.Sundara Krishna

Increase of Capacity and Quality of Frequency Based Image Steganography

Samadrita Guha, Dipti Kapoor Sarmah

Comparative Study of Watermarking an Image using GA and BFO with GA and HBO Technique

Gagandeep Singh, Sandeep Kad



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Paper Presentation Session 2A (01:00 PM – 02:30 PM) | Room No. 302, PIT, Pacific University

A Hybrid Approach for Detection of Plagiarism using Natural Language Processing

Takshak Desai, Udit Deshmukh, Mihir Gandhi, Lakshmi Kurup

A Generic Defect Aware Heuristic Approach for Droplet Routing in a Digital Microfluidic Biochip with Minimal Pin Assignment

Subhamita Mukherjee, Indrajit Pan, Tuhina Samanta

Study and Implementation of Record De-duplication Algorithms

Vaishali Wangikar, Sachin Deshmukh, Sunil Bhirud

Enhancement of the Classification Performance of Least Square Support Vector Machine using Simple Particle Swarm Optimization for Phishing Dataset

Sheetal Bairwa, Jyoti Gajrani, Satyanarayan Tazi

Recommendation based P2P File Sharing on Disconnected MANET

Sesha Bhargavi Velagaleti, M.Seetha, S.Viswanadharaju

Parallel Computing of Load Flow Analysis

Chayan Bhatt, Rahul Saxena, Devi Prasad Sharma

Various Clone Detection Techniques and Tools: A Comprehensive Survey

Pratiksha Gautam, Hemraj Saini

Subjective Evaluation using Onto-LSA Technique

Himani Mittal, M.Syamala Devi

A Methodological Survey and Review Based Version Control System with Evolutionary Research for Software Processes

Rama Rao Narvaneni



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Paper Presentation Session 2B (01:00 PM – 02:30 PM) | Room No. 303, PIT, Pacific University

Leakage Power Reduction Technique by using FinFET Technology

Ajay Kumar Dadoria, Kavita Khare, R.P. Singh

Analyzing DNA Strings using Information Theory Concepts

Geetika Munjal, M Hanmandlu, Deepti Gaur

Linked Open Data Search Engine

Hiteshwar Kumar Azad, Akshay Deepak, Kumar Abhishek

A Model for ROI of IT investment in e-Governance projects

Debendra Mahalik

A User Privacy Conserving Authentication System Using Smart Card for Telecare Medicine Information Systems

Trupil Limbasiya, Nishant Doshi

Implementing and Evaluating Collaborative Filtering (CF) Using Clustering

Sachin S Agrawal, G R Bamnote

Finding of Reviews Spam through "Corleone, Review Genre, Writing Style and Review Text Detail Features

Rupesh Kumar Dewang, Pushpendra Singh, A.K. Singh

MoveRL: A Movement Region Based Location Discovery Protocol for Wireless Sensor Networks

Ash Mohammad Abbas, Hamzah Ali Abdulrahman Qasem

A Survey of Attacks and Countermeasures for Denial of Services (DoS) in Wireless Ad hoc Networks

Praveen Gupta, Pratosh Bansal



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Paper Presentation Session 2C (01:00 PM – 02:30 PM) | Room No. 304, PIT, Pacific University

Predictive Analytics for Breast Cancer Survivability: A Comparison of Five Predictive Models

Smita Jhajharia

An Analysis of Types of Protocols Implemented in Internet of Things Based on the Packet Loss Ratio

Kavithapriya C J, Prakash M

SIP Based Intrusion Detection System for VoIP based Applications

Bela Shah, Kinjal Dave

Multimedia Security through LSB Matching

Rupali Bhardwaj

Similarity in Classes in Ontologies

Himanshi Yaduwanshi, Vijaya Padmadas

An Analytical Study of Digital Image Watermarking in Frequency Domain

Rachana Mahule, Chitra Dhawale

A Scalable Record Retrieval Methodology Using Relational Keyword Search System

Rishikesh Balaso salunkhe, NaveenKumar Jaykumar, Aniket Dhananjay kadam

An Image Processing Approach to Intelligent Traffic Management System

Deptii Chaudhari, Waris Hooda, Pradeep Yadav, Amogh Bhole

Non-Partitioning Merge-Sort: Performance Enhancement by Elimination of Division in Divide-and-Conquer Algorithm

Asra Aslam, Mohd. Samar Ansari, Shikha Varshney

A Review of Cloud Computing Capabilities Towards Building Virtual Learning Centres.

Attlee Munyaradzi Gamundani, Deada O. Kandjii



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Paper Presentation Session 2D (01:00 PM – 02:30 PM) | Room No. 306, PIT, Pacific University

Reinforcement learning based Routing for Cognitive Network on Chip

Yogendra Gupta, Lava Bhargava

Test Suite Reductio Mutation Testing Mapped to Set Cover Problem

Nishtha Jatana, Bharti Suri, Prateek Kumar, Bimlesh Wadhwa

Thermal Analysis of active electronic component with Thermal Imaging

Shrikant Akole, Vinayak Kulkarni

Multiplicative Data Perturbation using Fuzzy Logic to Preserve Privacy

Thanveer Jahan, G.Narsimha, C.V.Guru Rao

Cha-Cha 20: Stream Cipher Based Encryption for Cloud Data Centre

Dharavath Ramesh, Rahul Mishra, Shankar Nayak Bhukya

Dynamic Deployment of Wireless Sensor Network using PBB-BC Algorithm

Raminder Singh Uppal, Shakti Kumar

AgroSearch: A web based search tool for pomegranate diseases and pests detection using image processing

Sunil More, Mininath Nighot

An Alternative Framework of Anisotropic Diffusion for Image Denoising

Subit K Jain, Rajendra K Ray

Operating Systems for Internet of Things: A Comparative Study

Tej Bahadur Chandra, Pushpak Verma, Anuj Kumar Dwivedi



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Paper Presentation Session 2E (01:00 PM – 02:30 PM) | Room No. 310, PIT, Pacific University

Performance Analysis of Secure Localization Techniques in Wireless Sensor Network

Deepak Prashar, Dilip Kumar

FFT Based Detection of Diabetic Retinopathy in Retinal Images

Amol Prataprao Bhatkar, G.U.Kharat

A Novel Multi Pattern String Matching Algorithm with While Shift

Chinta someswararao, S Viswanadha Raju

A Secure Protocol for Trust Management in OLSR

Kumudhan Cherarajan, Dhanashree Toradmalle, Mayur Shedage, Nitesh Dogra, Sanket Gawde

A Novel and Integrated Semantic Recommendation System for E-Learning using Ontology

Mugdha Sharma, Laxmi Ahuja

High Performance Computation Analysis for Medical Images using High Computational Methods

Ashwini S. Shewale, Nayan B. Waghmare, Anuja R. Sonawane, Utkarsha Teke

Performance Based Analysis of Novel Equilin Clustering

A. Joy Christy, S. Hari Ganesh

Storageless Credentials And Secure Login

Binay kumar, Sadanand Yadav

POS Tagger for Urdu using Stochastic Approaches

Vaishali Gupta, Nisheeth Joshi, Iti Mathur

Software Architecture for Smart Card: ICT Solution for Healthcare Industry for Sustainable Development

Dinesh Kumar Saini, Lakshmi Sunil Prakash, Hemant Gaur



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Paper Presentation Session 2F (01:00 PM – 02:30 PM) | Room No. 311, PIT, Pacific University

Resource Management using Feed Forward ANN-PSO in Cloud Computing Environment

Narander Kumar, Pooja Patel

Artificial Multimodal Vein Biometric Template Creation for Enhanced Security

Vikram Singh Chauhan, Sarika Khandelwal, Saurabh Maheshwari

Towards m-gov in Solid Waste Management Sector using RFID,integrated technologies

Suchit.S.Purohit, Vinod.M.Bothale, Savita.R.Gandhi

Analytic Hierarchy Process (AHP) to find Most Probable Web Attack on an E-commerce Site

P.S. Lokhande, B.B. Meshram

Centralized Approach towards Intelligent Traffic Signal Control

Bhushan S. Atote, Mangesh Bedekar, Suja S. Panicker

A Comparative Study of Various Supervised Feature Selection Methods for Spam Classification

Shrawan Kumar Trivedi, Shubhamoy Dey

Comparative Performance of Fault-Prone Prediction Classes with K-means Clustering and MLP

Satwinder Singh, Rozy Singla

Query Processing over Large RDF using SPARQL in Big Data

Priti Khodke, Amol Bhagat, Kiran Dongre, Saurabh Lawange

American Static Signs Recognition Using Leap Motion Sensor

Rajesh B. Mapari, Govind Kharat



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Paper Presentation Session 2G (01:00 PM – 02:30 PM) | Room No. 312, PIT, Pacific University

Principals of Energy Efficiency in Wireless Mesh Network

Veenu Mor, Harish Kumar

An overview about Information Exploration as well as Information Collecting Protocol within WSN

Konda Hari Krishna, Tapas Kumar, Y. Suresh Babu

Behavior Analysis of Twitter Feed using Dymamic Synonym and Abbreviation Mapping Modules on top of a Trained Naive Bayes Classifier

B N Shankar Gowda, Siddharth Mark Joseph, Vibha Lakshmikantha

Pseudo Random Bit Generator using Logistic and Bernoulli Maps

Jhansi Rani P

Semi-Automatic Domain Ontology Graph Generation System in Punjabi

Rajveer Kaur, Saurabh Sharma

Bernoulli Keyed Hash Function for Authenticating the data over Virtual Private Network

Jhansi Rani P

Evaluation of Black hole, Wormhole and Sybil Attacks in Mobile Ad-hoc Networks

Sunil Kumar Jangir, Naveen Hemrajani

Improving Image Anti-forensics

Priya Shelke, Rajesh Prasad

Efficient Resource Allocation Strategy to Improve Energy Consumption in Cloud Data Centers

Khyati Patel, Nimisha Patel, Hiren Patel

An Efficient Approach for Wormhole Detection in MANET

Richa Mudgal, Rohit Gupta



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Paper Presentation Session 2H (01:00 PM – 02:30 PM) | Room No. 313, PIT, Pacific University

Usage of Hybrid Mechanisms to Reduce Energy Consumption while Preserving Green SLA in Cloud Environment

Mili Patel, Hiren Patel, Nimisha Patel

Digital Video Watermarking using DWT and Singular Values

S.Bhargavi Latha, D.Venkata Reddy, Damodaram Avula

Multi Strategy Selection based E-Negotiation: A Proposed Architecture

Suraj Kumar Awasthi, Sheetal R. Vij, Debajyoti Mukhopadhyay, Avinash J. Agrawal

Speaker Identification and Authentication System using Energy based Cepstral Data Technique

Shanthi Therese S, Chelva Lingam

SIUQAPTT: SQL Injection Union Query Attacks Prevention Using Tokenization Technique

Nidhi Maheshwarkar, Bhakti Maheshwarkar

Use of Proxy Signature in e-Governance

Aparna Bannore, Satish R. Devane

K-AMOA: K-Anonymity Model for Multiple Overlapped Attributes

Bhakti Maheshwarkar, Pawan Patidar, M K Rawat

Seamless VANET Connectivity through Heterogeneous Wireless Network on Rural Highways

Shilpy Agrawal, Neeraj Tyagi, Arun Kumar Misra

Cross Layer Approach Energy Efficient Transmission of Multimedia Data Over Wireless Sensor Networks

Vinod B Durdi, P. T. Kulkarni, K L Sudha

Seizing Evidence From The Cloud: A Focus On Child Online Protection

Isaac Nhamu, Dharm Singh Jat

Relevance Of Cloud Computing In Namibia And Strategies For Cloud Computing Adoption:A Case Study

Dharm Singh Jat, Michael S. Haodom, Anicia Peters



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Paper Presentation Session 3A (02:30 PM – 04:00 PM) | Room No. 302, PIT, Pacific University

An Efficient And Economical Solution For Future Traffic Management System Using RFID

Siddhant Chouksey, Sumedha Sirsikar

Resource Management Through Fuzzy Assignment Problem in Cloud Computing Environment

Narander Kumar, Diksha Shukla

Frame Based Biometric Authentication System for Healthcare

Vigneswarn, Suresh

Predictive Approach of Case Base Reasoning in Artificial Intelligence : In Case of Astrological Predictions About Famous Personalities

Neelam Chaplot, Praveen Dhyani, O.P. Rishi

Classification of Medical MRI Brain Images based on Hadoop

Abhay R. Palle, R. B. Kulkarni

Compression & Security in MongoDB without affecting Efficiency

Hitesh Hasija, Dinesh Kumar

Scheduling Real-Time task using dynamic Preemption Threshold

S.A.Bhura, A.S.Alvi, S.Y.Amdani

Cluster Based Authentication Scheme for Wireless Multimedia Sensor Network

Basavaraj Patil, S R Biradar

An improved fitness based differential evolution algorithm

Hitesh Sharma, V.P.Sharma, Akрати Sharma

Multispectral Medical Image Fusion using PCA in Wavelet Domain

Vikrant Bhateja, Aisha Moin, Anuja Srivastava

Optimized Detection of Fingerprint for Biometric Application

Arundhati Sahoo, Mihir Narayan Mohanty, Suresh Chandra Satapathy



Second International Conference on ICT for Competitive Strategies

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Second International Conference on ICT for Competitive Strategies

Paper Presentation Schedule | Day 2 : Saturday, 5 March, 2016

Paper Presentation Session 3B (02:30 PM – 04:00 PM) | Room No. 303, PIT, Pacific University

A Rigorous Framework for Verification & Validation of Dynamic Aspect of Safety Critical System

Monika Singh, Ruhi Saxena

Securing SQL with Access Control for Database as a Service Model

Jay Dave, Manik Lal Das

A New Routing Algorithm for Advanced Irregular Shuffle Exchange Network (AISEN)

Shobha Arya, Nipur

Named Entity Recognition in Hindi Using Conditional Random Fields

Deepti Chopra, Nisheeth Joshi, Iti Mathur

An Efficient Edge Detection Technique Using Filtering and Morphological Operations for Underwater Acoustic Images

R.Priyadharsini, T.Sree Sharmila, V.Rajendran

Three Tier Network Architecture to mitigate DDoS Attacks on Hybrid Cloud Environments

Akashdeep Bhardwaj, GVB Subrahmanyam, Vinay Avasthi, Hanumat Sastry

Performance Evaluation of Path Length based Routing Strategies for Survivable WDM Network

Dinesh Kumar Tyagi, V . K Chaubey

Classification and Performance Analysis of Intra-domain Mobility Management Schemes for Wireless Mesh Network

Abhishek Majumder, Subhrajyoti Deb, Sudipta Roy

A DWT based Attack Resistant Video Steganography

Shikha Sharma, Devendra Somwanshi

Analysis of Several Image Steganography Techniques in Spatial Domain: A Survey

Munesh Trivedi, Shivani Sharma, Virendra Kumar Yadav

Data Collecting Protocol Based on a Rooted Tree for Wireless Ad Hoc Networks

Satoru Ohta



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Paper Presentation Session 3C (02:30 PM – 04:00 PM) | Room No. 304, PIT, Pacific University

Software Effort Estimation of GSD Projects Using Calibrated Parametric Estimation Models

S.Ramacharan, K.VenuGopala Rao

Key Author Analysis in Research Professionals Collaboration Network based on MST using Centrality Measures

Anand Bihari, Sudhakar Tripathi, Manoj Kumar Pandia

Word Sense Disambiguation in Software Requirement Specifications Using Wordnet and Association Mining Rule

Mohd Shahid Husain, M Akheela Khanum

Implementation of Modified RSA Cryptosystem for Data Encryption and Decryption based on n Prime number and Bit Stuffing

Narendra Kumar, Priyanka Chaudhary

Novel Driver Behavior Model Analysis using Hidden Markov Model to increase Road Safety in Smart Cities

Disha Bhatt, Shilpa Gite

Comparative analysis of different statistical and neural network based forecasting tools for prediction of stock data

Hiral R. Patel, Satyen M. Parikh

A Survey of Vertical Handoff Schemes in Vehicular Ad-hoc Networks

Sadip Midya, Koushik Majumder, Asmita Roy, Debashis De

Survey on Development of Expert System From 2010 to 2015

Haider Khalaf Jabbar, Rafiqul Zaman Khan

Automatic Text Classification in Information retrieval: A Survey

Sanjay K. Dwivedi, Chandrakala Arya

A Hybrid Approach for Dynamic Intrusion Detection, Enhancement of Performance and Security in Manet

Divya Patidar, Jigyasu Dubey

Performance Measurement of Virtual Machine Migration Using Pre-copy Approach in cloud computing

Megha R. Desai, Hiren B. Patel



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Paper Presentation Session 3D (02:30 PM – 04:00 PM) | Room No. 306, PIT, Pacific University

Human Gait Recognition using Deep Neural Networks

Deepjoy Das, Alok Chakrabarty

A Behavioral Metrics Suite for Modular Ontologies

Niyati Baliyan, Sandeep Kumar

Clustering Algorithms for Intrusion Detection: A Broad Visualization

K S Anil Kumar, Anitha Mary M.O. Chacko

Big-data Transportation in Orchestrated Bioinformatics Workflows: An Analysis and Hypothesis

Rickey T. P. Nunes, Santosh L. Desphande, Sattanathan Subramanian

Modified Analytical Hierarchy Process to Recommend an Ice Cream to a Diabetic Patient

Suhas Gaikwad

A Comparative study on Parallel Data Mining Algorithms using Hadoop Map Reduce: A Survey

Y. V. Lokeswari, Shomona Gracia Jacob

Fuzzy Based Hybrid Mobile Recommendation System

Angira Patel, Jyotindra N Dharwa

Caught Hacker: Curing DDOS Attack

Rajneesh Tanwar

Centralized Message Reporting System in Wireless Sensor Networks

Ayushi Gupta, Ayushi Gupta, Deepali Virmani

Towards National Integration by Analyzing a Case Study of CyberCrimes

B.Tirupathi Kumar, K.Chandra Sekharaiah, D.Suresh Babu

An Approach for Efficient Many Keywords Findings over Encrypted Cloud Information

Rajeshwari P Patil, Santosh Kumar



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Paper Presentation Session 3E (02:30 PM – 04:00 PM) | Room No. 310, PIT, Pacific University

Architecture of Cloud Server With Cache nn Server

Sushma satpute, Bharat Singh deora

Quality Evaluation Framework for Component Based Software

Prasenjit Banerjee, Anirban Sarkar

NWCA: A New Weighted Clustering Algorithm to form Stable Cluster in VANET

Dinesh Singh, Ranvijay, Rama Shankar Yadav

Enhancement of Hybrid Tagger by using Rule Based Approach

Pratik k Agrawal, Abrar S Alvi, Gajendra R Bamnote

Collusive User Removal and Trusted Composite Web Service Selection based on QoS attributes

Abdul Muqutit Alam, Smita Roy

Research and Analysis of Lightweight Cryptographic Solutions for Internet of Things

Isha, Ashish Kr. Luhach, Nisrag Pathak

Neutralizing cross-site scripting attacks using open source technologies

G. Rama Koteswara Rao, R. Satya Prasad, M.Ramesh

A New Algorithm for Privacy Preservation in Utility Mining Using Genetic Algorithm

Sugandha Rathi, Rishi Soni, Virendra Singh Kushwah

An Integrated Model for Prediction of Loading Packets in Network Traffic

Theyazn H.H.Aldhyani, Manish R.Joshi

A Single Database Scan Approach for Mining Similar Temporal Association Patterns

Vangipuram Radhakrishna, P.V.Kumar, V.Janaki

Key Diffusion Approach for AVK based Cryptosystem

Shaligram Prajapat, R.S.Thakur



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Paper Presentation Session 3F (02:30 PM – 04:00 PM) | Room No. 311, PIT, Pacific University

A wormhole attack in mobile adhoc network: Detection And Prevention

Ashka B Shastri, Jignesh B Joshi

Rigorous Design of Moving Sequencer Atomic Broadcast in Distributed Systems

Prateek Srivastava, Akhilesh Sharma

Design a New Middleware for Communication in Ad Hoc Network of Android Smart Devices

Tanweer Alam, Mohammed Aljohani

Automatic Segmentation and Classification of Dysfluencies in Stuttering Speech

P.Mahesha, D.S.Vinod

A Booklet on Mobile Apps for Business Growth: Insights from Design and Development

P. Vigneswara Ilavarasan

Movie Recommendation System Employing Latent Graph Features in Extremely Randomized Trees

Mit Shah, Dhruvesh Parikh, Bharat Deshpande

An Elucidation on Steganography and Cryptography

Sunita Chaudhary, Meenu Dave, Amit Sanghi, Jaideep Manocha

Development and Performance Analysis Of Cloud and MVC Based Web application

Manisha Jailia, Ashok Kumar, Himani Singhal, Manisha Agarwal

90nm Node 1T Floating Gate Embedded Flash Memory with Precharge NMOS Transistor

Padma Prasada, Sathisha, Ranjith H D

Implementation of Hardware Efficient Chaotic Generators for Signal Security in Portable Systems

Muhammed Izharuddin, Muhammed Izharuddin, Omar Farooq, M Qasim Rafiq

Impact of Variable Probability Level and Nutrient Concentration on Animal Diet

Pratiksha Saxena, Neha Khanna, Raj Kumar



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Paper Presentation Session 3G (02:30 PM – 04:00 PM) | Room No. 312, PIT, Pacific University

Adaptive Slot Sharing based TDMA Technique for Routing in an Obstructed Wireless Sensor Network

Supantha Das, Indrajit Banerjee, Mainak Chatterjee, Tuhina Samanta

An MSE (mean square error) based analysis of deconvolution techniques used for deblurring/restoration of MRI and CT Images

Poonam Sharma, Saloni Sharma, Ayush Goyal

Quality Estimation of English-Hindi Machine Translation Systems

Nisheeth Joshi, Iti Mathur, Hemant Darbari, Ajai Kumar

Implications of Supervised Learning on Word Sense Disambiguation for Hindi

Ajai Kumar, Iti Mathur, Hemant Darbari, GN Purohit, Nisheeth Joshi

Automatic Evaluation of Ontology Matchers

Iti Mathur, Nisheeth Joshi, Hemant Darbari, Ajai Kumar

Word Sense Disambiguation on Dravidian Languages: A Survey

Sreelakshmi Gopal, Rosna P Haroon

Low Noise Rim Preserving Filter

Varsha Joshi, Anila Dhingra

Food Security and Safety using advanced Information and Communication Technologies (ICTs)

Rachita Gupta

A study on malayalam machine translation

Rosna P Haroon, Shaharban T A

Design and Analysis of Anti-Aliasing Filters for Rendering of Graphical Entities

Prachi R Rajarapollu, Vijay R Mankar

Effect of TLB on system performance

Manisha Agarwal, Manisha Jailia



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Paper Presentation Session 3H (02:30 PM – 04:00 PM) | Room No. 313, PIT, Pacific University

Acceleration of Bullet Physics Physical Simulation Library Using Gpu and Demonstration On A Set-Top Box Platform
Balamurugan Balusamy, Anil Skariah, G.Nalini Priya, K.G.Maheswari, Malathi V

A Framework for Detecting External Plagiarism from Monolingual Documents: Use of Shallow NLP and N-gram Frequency Comparison
Ritambhra Korpai, Saugata Bose

Text Mining Predictive Modeling Algorithm for classifying Attitudes of customers with Accuracy Estimation
Karuna C. Gull, Akshata B. Angadi

Smart Interaction Using Hand Gesture Recognition
Suneel Kumar, Neha Bansal, Sankalp Nath Singh

An approach to identify user interest by reranking personalize web
Patel Jay, Pinal Shah, Kamlesh Makvana, Parth Shah

An Approach to identify semantic relations between users queries in text retrieval
Kamlesh Makvana, Jay patel, Parth shah, Amit Thakkar

Audio Steganography using ZDT: Encryption Using Indexed Based Chaotic Sequence
Shivani Sharma, Munesh C. Trivedi, Virendra Kr. Yadav, Avadhesh kumar Gupta

An Innovative Imputation and Classification Approach for Accurate Disease Prediction
Y.usarani, P.sammulal

A Survey on 5G with Cognitive Radio Technology
Parnika De, Shailendra Singh

Hybrid Image Fusion algorithm using Laplacian Pyramid and PCA Method
Shiv kumar verma, Manpreet kaur

Towards Sentiment Orientation Data Set Enrichment
Sreecharan Sankaranarayanan, Dayanand Ingale, Ranveer Bhambhu, K Chandrasekaran
