



**INTERNATIONAL CONFERENCE ON
SMART TECHNOLOGIES IN COMPUTER AND COMMUNICATION
(SMARTTECH-2017)
27-29 MARCH, 2017
Organized by
Amity Institute of Information Technology
Amity University Rajasthan**



PAPER PRESENTATION SCHEDULE

Day 1: March 27, 2017 (Monday)		
Session I : 1500-1600 hrs		
Venue: LT-01, Ground Floor, Block A		
Track I : SMART COMPUTING		
PID	Authors	Title
9	Bhaskara Rao Jana and Beatrice Seventline J	Estimation Surface Roughness Parameters of A Surface Using Different Image Enhancement Techniques
11	Randhir Roopchund	CRM Technology for enhancing learning and student satisfaction in Public Universities in Mauritius
16	Sonali Goyal and Neera Batra	Automatic Individual Detection, Recognition and Reporting based on Secure Power Monitoring in Ubiquitous Computing
23	Ankit Dhamija and Dr Sunil Sikka	A review paper on Software Engineering areas implementing Data Mining tools & techniques
57	Vivek Kumar Verma and Sumit Srivastava	A Transliteration Prototype using Assistive Technology and Sign Modelling
60	Sunil Jadav, Garima Jain and Pooja Rathi	Monte Carlo Analysis of Inductor-less Wideband Amplifier
79	Ekta Mehta and Dr. Arun Solanki	MINIMIZATION OF MEAN SQUARE ERROR FOR IMPROVED EULER ELLIPTIC CURVE SECURE HASH CRYPTOGRAPHY FOR TEXTUAL DATA
91	Jyotirmaya Mishra, K. Hemant Kumar Reddy and Jitendra Sheetlani	QoS Aware Heuristic Provisioning Approach for Cloud Spot Instances
107	Mahmoud Hodeish and Vikas Humbe	A New Visual Secret Sharing Scheme Based on Two-Key Hill Cipher Algorithm
117	Monika Singh	Quantitative Approach for Verifying & Validating Non-Functional Requirements
119	Rashmi Sharma and Anju Saha	Optimization of Object-Oriented Testing Using Firefly Algorithm
123	Tunisha Varshney and Dr. Karan Verma	Rectifying Flow Of Duplicacy using Bloom-Filter.
124	Nini Gupta and Sonika Jindal	A Review of Segmentation Techniques Used in Image Processing
125	Sukhjit Singh Sehra, Pawan Verma, Navneet Kaur, Jaiteg Singh and Hardeep Singh Rai	Interface for Mining OpenStreetMap to Analyse User Contribution
800	Dr Ashwani Kumar Dubey and Divya Upadhyay	A Statistical tool for Time Synchronization problem in WSN



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Day 1: March 27, 2017 (Monday)

Session I : 1430-1600 hrs

Venue: LT-01, Ground Floor, Block A

Track II : SMART COMMUNICATIONS

PID	Authors	Title
5	Santosh R Durugkar, Dr Ramesh C Poonia and Dr Radhakrishna B Naik	Optimum Utilization of Water Based on Priority Driven Approach in Wireless Smart Home Garden
7	Govind Singh and Neha Belwal	Improvement in BER Performance of BPSK System Using Diversity Techniques
38	Ankita Jiyani and Mehul Mahrishi	Reducing Migration Time using Nearest Neighbor Search
47	Lakshmi Manasa Kappaganthu, Durga Prakash M and Avinash Yadlapati	High Level Verification of I2C Protocol using System Verilog and UVM
53	Mohammed Shafeeq Ahmed and Indira Baddam	Morphological Technique for Detection of Microaneurysms from RGB Fundus Images
62	Sunil Singh, D. N. Vishwakarma and Amit Kumar	A Novel Methodology for Fault Detection, Classification and Location in Transmission System based on DWT & ANFIS
70	Nosina Krishna Chaitanya	Traffic aware congestion control - priority based efficient adaptive multipath routing in wired networks
83	Kanta Prasad Sharma and Ramesh Chndra Poonia	Inscribe the exigency of Map Matching performance for curve navigation on Road/Highways
113	Vejendla Lakshman Narayana and Dr. C.R.Bharathi	Development of Energetic state For Resource Power Reduction in Mobile Ad-hoc Networks
114	Vejendla Lakshman Narayana and Dr C.R.Bharathi	Presentation investigation of AODV for PKI and Identity Based Encryption Key organization Schemes for MANETS
118	Subhra Shankha Bhattacharjee, Sukanya Sannigrahi, Priyanka Choudhary and Chanchal Kumar De	Cooperative Spectrum Sharing with Multi-Antenna based Adaptive Hybrid Relay in presence of multiple Primary users
120	Anil Kumar Budati	CFDI-SS: Cyclostationary Feature Detection with Inverse covariance matrix based Spectrum Sensing in Cognitive Radio
121	Mohammad Arif and Shish Ahmad	Enhanced Ant Colony Based Routing for VANET
128	Shruti Bamnote, Sandeep Kakde and Atish Khobragade	Implementation of Memory Efficient Semi-Parallel LDPC Decoder using Iterative Message Passing Algorithm
673	Anuradha Banerjee, Paramartha Dutta and Abu Sufian	Energy-efficient Multipath Routing based on Predicted Link-Life (EMR-PL)



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Track III : SMART TECHNOLOGY

PID	Authors	Title
15	Sandeep Chaware and Trushita Chaware	LITERATURE SURVEY: SMART HOME MONITORING SYSTEM FOR SENIOR CITIZENS
17	Atena Shiranzaei and Rafiqul Zaman Khan	Countermeasure Methods to Overcome the Attacks in the RPL-Based Internet of Things
21	Lingaraj K and Rajashree Biradar	EAgilla: an Enhanced mobile agent middleware for Wireless Sensor Networks
22	Meenakshi Yadav and Dr. C.K. Jha	Clustering based Energy Efficient Protocol for Wireless Sensor Network Comparison Study
26	Rahul Gupta and Govind Kumar	Digital Video Watermarking Deploying Wavelet Transformation Function & Orthogonal Component Analysis
50	Shashwati Mishra and Mrutyunjaya Panda	A Histogram Based Classification of Image Database using Scale Invariant Features
55	Shelly . and Mamta Kathuria	A Novel Approach to Measure the Semantic Similarity for Relevant Information Retrieval
75	Sanjeev Kumar, Chetna Dabas, Manoj Kumar and Sukhvinder Singh	GA-QMR: Genetic Algorithm oriented MANET QoS Multicast Routing
82	R V Kishore Kumar and Dr. Gudipati Murali	A Simulation Study on Detection of Explosives using Wireless Sensor Networks
85	Rajeev Kumar Bedi, Jaswinder Singh and Sunil Kumar Gupta	A Novel approach for Multi Cloud Storage for Mobile Devices
86	Harjeet Singh and Savina Bansal	CHANNEL ESTIMATION USING GRAY CODED PILOT SUBCARRIERS
87	Raviteja Gaddam and Dr. Nandhini M	An Analysis of Various Snort Based Techniques to Detect and Prevent Intrusions in Networks Proposal with Code Refactoring Snort Tool in Kali Linux Environment
98	N. Jeyanthi, Jay Ghiya, Usama Khawas and Mustaque Rashid	Cloud Bank Model:A Survey
100	Sanjeev Sharma, Rudra Pratap Singh and Surender Kumar	Annealing Response of Aluminum Alloy AA6016 Processed by Severe Plastic Deformation
651	Kawal Jeet, Renu Dhir and Paramvir Singh	Hybrid Flower Pollination Algorithm for Software Clustering



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Track IV : SMART CONVERGING TECHNOLOGY

PID	Authors	Title
8	Awadhesh Srivastava, Hirdesh Kumar and Raghavendra Kr Dwivedi	Student accessible e-course-file : an implementation
29	Satya Srinivas Maddipati, Pradeepini G and Yesubabu Adimulam	Software Defect Prediction using Adaptive Neuro Fuzzy Inference System
32	Mihir Dudhrejia and Dr. Chetan B. Bhatt	Non-destructive foreign element examining for rice quality inspection
33	Namrata Sharma	An Efficient Approach for Fuzzy Based Edge Detection Using Information Theory
41	Raghvendra Kumar	Spatial Data Analysis in Cloud Computing Environments
43	Kamakshi Rautela and Neha Singh	Noise Reduction Using Different Filters In Electroencephalogram Brain Signals
61	Thamilselvan P and J G R Sathiaseelan	Segmentation of lung malignant cancer tissues using PCA and ACART Method in MR Images for huge amount of data
63	Yojna Arora and Dr Dinessh Goyal	Hadoop : A framework for Big Data Processing and storage
67	Priyanka Majumder, Apu Kumar Saha and Mrinmoy Majumder	Identification of Most Effective Risk Factor of Liver Cancer by Mathematical Model
76	Krittika Sheokand, Niraj Kumar Vishvakarma, R.R.K. Sharma and K. K. Lai	Big Data Analytics and its Industrial Applications: A Research Framework
94	Tungalag Myangad, Liu Baolin and Ambarish Pandey	Alternative Framework to Calibrate Signal Processing Medical Diagnostic Equipment
105	Monika Grover, Pradeep Bhatia and Dr Harish Mittal	Estimating Software Test Effort Based on Revised UCP Model Using Fuzzy Technique
110	K.L. Baishnab, P.K. Paul, Naushad Manzoor Laskar, Sourav Nath and Paramita Sarkar	Modelling and Optimization of CMOS Winner-Takes-All Circuit for improved Slew Rate using Swarm Intelligence based Techniques
112	Neha Sharma and Ms Kavita	Offline Segmentation and script recognition of Hindi using Knowledge Based Approach and Multi Layered Perceptron Neural Network
717	Srinivas Thirumala and Chanamallu Srinivasarao	A Fast & Efficient Region based Aneurysm Segmentation Model for Medical image Segmentation



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TRACK-WISE & SESSION-WISE PRESENTATION SCHEDULE

Day 1: March 27, 2017 (Monday)		
Session II : 1615-1745 hrs		
Venue: LT-01, Ground Floor, Block A		
Track I : SMART COMPUTING		
PID	Authors	Title
127	Sampada Wazalwar and Urmila Shrawankar	Interpretation of Sign Language into English using NLP techniques
133	Ranjeet Singh	A Secure and Robust block based DWT_SVD Image Watermarking Approach
135	Girija Chiddarwar and S.Phani Kumar	Trends in Shape Based Image Retrieval
151	Ms Kavita, Neha Sharma and Gaurav Aggarwal	Optimal Component selection for Elicit Model using Complexity Metrics
157	Gaurav Bholotia, Vivek Rai Srivastava and Lakshminarayana V.	EMC Performance and Qualification of Bus Bars for High Power Communication Satellite
160	Karan Agarwal, Aayushi Agrawal, Shubham Jain and Maheshwar Sharma	Decision Tree Based Approach for Classification in Data Mining: A Survey
165	Satvik Khara and Umang Thakkar	Enhancing Dynamic Selection of Load Balancing Algorithms in Cloud Computing
166	R Kumuthaveni and E Chandra	EVALUATING THE PITCH VALUES FOR FINDING EMOTIONS IN TAMIL SPEECH
167	V K Saxena and Shashank Pushkar	Privacy Preserving using Encryption Proxy in Cloud Computing
181	Manjula Shamarao	Identification and Classification of Multilingual Document Using Maximized Mutual Information
188	Vishwachi Choudhary and Sonam Gupta	NOVEL APPROACH TO DETECT CODE CLONES IN JAVA USING DFS
194	Meena Kumari and Rajender Nath	A one way hash for integrity in cloud computing environment
205	Surekha Thube, Kishori Kokate and Teashree Kautkar	Data entries of product using Image Processing
208	Gurjit Kaur, Harsh Kumar Verma and Avtar Singh	Dual Steganography approach using 3D Playfair Cipher and Pixel Value Differencing Method



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Day 1: March 27, 2017 (Monday)

Session II : 1615-1745 hrs

Venue: LT-01, Ground Floor, Block A

Track II : SMART COMMUNICATIONS

PID	Authors	Title
141	Nikita Nagori and Dr Vandana Malode	Actions Recognition For Physically Challenged people and Normal People Using Kinect Sensor
159	Vivek Ugale, Swati Pawar and Yogesh Gaikwad	NS-2 Implementation of Authentication and Access Control Protocol for Heterogeneous Network
176	Sarthak Yadav and Ankur Bist	Learning Overcomplete Representations using Leaky Linear Decoders
178	Sukhjinder Pal Kaur and Sonika Jindal	Improve Image Steganography using Random Password Generation for Secure Transmission of Data
192	Vinay Chandraker, Simon Jayaraj and Ashish Awasthi	A numerical method based on modied CN and modied Keller box scheme for Fisher equation
199	Ismail Salamah and Heng Ma	Toward Effect of digital advertisement on mobile users in Middle East
202	Shilpi Birla, Shikha Sharma and Neeraj Kr. Shukla	A UVM-Powered Hardware/Software Co-verification
204	Enaul Haq Shaik and Nakkeeran Rangaswamy	Implementation of 1×2 Decoder and XOR-XNOR Logic Functions on a PhC Structure
214	Amanpreet Kaur, Vijaypal Dhaka, Gurpreet Singh and Prashant Sahai	Considering Path Stability and Controlled Broadcast in devising Multipath MANET Routing using ACO
215	Mohd Sadiq, Shama Iqbal and Aliya Saba	A Framework for Smart Decision Making System for the Selection of Software Requirements
232	Rahul Verma and Shilpa Srivastva	Wide Band Patch Antenna for 5G Applications
244	Ankita Singha and Juhi Gupta	Review on Device-to-Device Communication
256	Ana Kumar, Shivam Tyagi and Chandra Kumar Jha	Performance Analysis of Network-on-Chip Topologies
267	G Sucharitha and Ranjan K Senapati	Shape Based Image Retrieval using Lower Order Zernike Moments



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Day 1: March 27, 2017 (Monday)

**Session II : 1615-1745 hrs
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Track III : SMART TECHNOLOGY

PID	Authors	Title
102	Girish Rao Salanke	Performance Evaluation of PPG based multimodal biometric system using modified Min-Max Normalization.
106	Shivlal Mewada, Pradeep Sharma and S. S. Gautam	Investigation of Efficient Cryptic Algorithm Using SMCrypter
140	Shivani Puranik and Dr Vandana Malode	Methodology for Identification and Classification of Microaneurysm from Retina Image
143	Vanita Jain and Suvarcha Bhatia	Smart and Real-Time Traffic Light Control using Azure Data Stream Analytics and Raspberry Pi
147	Arun Kumar and Piyush Vardhan	DESIGN, ANALYSIS of 4X4 and 8X8 MIMO SYSTEM WITH ZF, MMSE and BF TECHNIQUES
149	Bindu Garg	Circular Shortest Path with Time Quantum
154	Mayank Satya Prakash Sharma and Priyansh Sharma	A New Approach For Image Segmentation using Improved K-means and ROI Saliency Map
163	Swati Pawar, Bhupesh Patil, Karansingh Pardeshi and Priyanka Patil	Garbage Management for Smart Cities using IOT and Webpage
164	Kanica Wadhawan and Dr. Anuj Kumar Gupta	Multifactor Complex Key based Authorization and Key Authentication (MCK-AKA) for Efficient LTE Networks
168	Diksha Soni and Yogesh Kumar Gupta	QUANTATIVE APPROACH TO EXTRACT FEATURES FROM MEDICAL IMAGES USING 2D- DWT
169	Gera Jaideep and Dr.Bhanu Prakash Battula	A Framework for Agent Based Detection and Prevention of DDoS Attacks in Distributed P2P Networks
183	Gurdip Kaur, Renu Dhir and Maninder Singh	A Stress Testing Web-based Framework for Automated Malware Analysis
187	Vishwas Raval and Dr. Apurva Shah	A Comprehensive Study on Currency Recognition Systems for Visually Challenged People and a Feasible Solution for Indian Currency Recognition
190	Anand Nayyar, Vikram Puri and Dr. Nhu Gia Nguyen	BioSenHealth 1.0: Intelligent IoT Based Health Monitoring System



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Track IV : SMART CONVERGING TECHNOLOGY

PID	Authors	Title
137	Pratiksha Saxena, Vikram Mehta and Raj Kumar	Variability Impact on animal diet formulation: Modeling and technical intervention
145	Savita Dubey and Yogesh Kumar Gupta	Computational Comparison of Various Existing Edge Detection Techniques for Medical Images
146	Pradeep Kanaujia, Manjusha Pandey and Siddharth Rautaray	Recommender system for financial analysis using big data technologies
152	Tilottama Chakraborty, Mrinmoy Majumder and Ankit Khare	Application of AHP-VIKOR and GMDH Framework to develop an indicator to identify utilization potential of Wave energy converter with respect to location
174	Bibhudutta Jena, Mahendra Kumar Gourisaria, Siddharth Swarup Rautaray and Manjusha Pandey	Aggregator Assisted Hadoop Framework for Name Node Load Balancing
175	Arnab Sikidar, Anita Thakur and F A Talukdar	Fingerprint Reconstruction from Cylindrical Objects using Image Mosaicing
180	Soumya Ghosh, Mrinmoy Majumder and Manish Pal	Estimation of Utilization Potential of Wave Energy Farms at Different Location by MCDM-GMDH method
198	Samta Jain Goyal, Dr.Arvind Kumar Upadhyay and Dr.Rakesh Singh Jadon	Emotion Recognition for Human Computer Interaction using Machine Learning and Fuzzy Techniques: Review
200	Dr Shivnath Ghosh	Self organized simulation model Scalable Architecture: Back Propagation Neural Networks emerge with Swarm Intelligence
203	Harshita Khangarot and Avinav Baruah	ANALYSIS AND PERFORMANCE ON MEDICAL DATASET USING MINING TECHNIQUES
210	Sugandha Rathi, Soumya Bajpai and Kirtiraj Bhatele	A Hibernation Based Algorithm: An Optimization Inspired by Bear Hibernation Phase
217	Sheena Angra and Sachin Ahuja	Machine Learning and its Applications: A Review
233	Manish Kumar Kakhani and Anil Kumar	A Comprehensive Review of Recommendation Systems on MapReduce in Big Data Environment
235	Ritu Tomar and Dr. Pooja Sapra	Cancer Detection Using GLCM, RBFNN and a Way to Data Provenance



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Day 2: March 28, 2017 (Tuesday)

Session III : 1030-1200 hrs

Venue: LT-01, Ground Floor, Block A

Track I : SMART COMPUTING

PID	Authors	Title
222	Sheena Angra and Sachin Ahuja	Implementation of Data Mining Algorithms on Student's Data using Rapid Miner
227	Rama Kanta Choudhury, Sanjay Kumar and Chandra Kanta Samal	A Comparative Study on Different Path Planning Algorithms: A software Based Approach on Grid search, Quadtree using A* Algorithm and Neighbour Finding Algorithm
228	Manu Sehgal and Deepshikha Bhargava	Mining Knowledge from a Database: An Approach Using Data cleansing Data Integration and Text Joins
230	Swati Rustogi, Manisha Sharma and Sudha Morwal	TID based Data and Task Parallelism for Frequent Data Mining
236	Harmandeep Kaur Jhaggi, Roopali Garg and Nitin Saluja	Implementation of Particle Swarm Optimization Technique for Spectrum Sensing in Cognitive Radio Networks
243	Rajani Sajjan and Vijay Ghorpade	Ransomware Attacks: Radical Menace for Cloud Computing
249	Shiva Tyagi, Devendra Kumar and Sachin Kumar	Understanding the Nittygrities of Software Reliability and its Testing Procedures: A Different Approach
250	Ajeena Beegom A S and Rajasree M S	ABC Algorithm for Scheduling Independent BoTs in Cloud Computing Systems
251	Anju Saha and Rashmi Sharma	A Systematic Review of Software Testability Measurement Techniques
253	Deep Mann, Harsh Taneja and Pooja Rana	Enhancing the security of medical images using encryption and watermarking for clouds
269	Kent Johnson, Kumar Gaurav, Dwijen Rudrapal and Sanjib Debnath	OCR for Devanagari Numerals using Zonal Histogram of Angle.
304	Mani P and Prasanna M	Validation of Automated Test Cases with Specification Path
308	Nazmun Nisat Ontika, Fashiul Kabir and Mohammad Nurul Huda	Author Identification from Song Lyrics
314	Mrinal Pandey	Intuitive Knowledge Classifier for Students' Academic Performance Prediction



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Track II : SMART COMMUNICATIONS

PID	Authors	Title
272	Dr. Monika Jain, Saurabh Nishad and Usha Tiwari	A cost effective approach for Smartphone Controlled Wireless UAV
292	Paramjit Singh Waraich and Neera Batra	Prevention of Denial of Service Attack over Vehicle Ad hoc Networks using Quick Response Tables
297	Sourabh Singh Verma, Anil Kumar and R. B. Patel	Analyzing Real Flows Performance in MANET using Dynamic Queue
298	Manish Bhardwaj and Anil Ahlawat	Evaluation of Maximum Lifetime Power efficient Routing in Ad Hoc Network using Magnetic Resonant Concept
300	Dhirendra Sharma	An efficient backoff algorithm for MANET
302	Bhargab Sinha, Sourav Nath and Krishna Lal Baishnab	A Hybrid RFD-ACO Approach for Routing Optimization in VLSI Physical Design
317	Baseem Khan, Firew Mulugeta and Jitendra Singh Bhadoriya	Reactive Power Pricing Using Average Participation Factors (Case Study: Southern Region Power System Network, Ethiopia)
318	Deepti Bhanot and Dr. Anil Chaudhary	Analyzing the effects of Hello Packets in AODV
323	Dr. Syed Salman Ali and B V V Siva Prasad	Secure and energy aware routing protocol (SEARP) based on trust factor in Mobile Ad-Hoc networks
325	Anureet Singh, Hardeep Singh Saini and Naveen Kumar	DMSEP: Distance incorporated Modified Stable Election Protocol in Heterogeneous Wireless Sensor Network
334	Abdul Khader Jilani Saudagar	Hybrid Traversing Approach for Arabic Text Extraction and Recognition
336	Ravuri Daniel, Kuda Nageswara Rao and Medikonda Ben Swarup	Distributed Clustering Approach based on Deterministic Fuzzy Logic in Wireless Sensor Networks
347	Mohit Agarwal, Amit Munjal and Rajiv Dusane	Modelling and Lifetime Study of Wireless Sensor Networks by applying Green and Eco Friendly Solution using Solar Cell device
349	Navneet Kaur and Amanpreet Kaur	DESIGN OF A PLUS-SHAPED FRACTAL ANTENNA FOR WLAN AND ULTRA WIDEBAND APPLICATIONS
351	Atul Sharma and Atul Sharma	Resource Utilization of DTN Routing Protocols by Calculating Energy Consumption of Mobile Nodes



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Session III : 1030-1200 hrs
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Track III : SMART TECHNOLOGY

PID	Authors	Title
191	Anand Nayyar and Vikram Puri	Agriculture Drones: A Modern Breakthrough in Precision Agriculture
212	Muneer Bani Yassein, Shadi Aljwarneh, Qusai Abuein and Sanaa Abu Alasal	Combining Software-Defined Networking with Internet of Things: Survey on Security and Performance Aspects
213	Muneer Bani Yassein, Shadi Aljwarneh, Mohammed Shatnawi and Razan Al-Hatmi	Internet of Things: Survey and open issues of MQTT Protocol
220	Zubair Jan, Faisal Lone and Nasir Nabi Hurrah	Security Issues & their prevention in Cognitive Radio Networks: A Survey
221	Sandeep Kumar, Rahul Johari and Laukendra Singh	Comparative Analysis of Cryptography Cipher Techniques with CLCT Technique
242	Arun Kumar, Nandha Kumar and Shikha Bharti	OFDM System with Cyclostationary Feature Detection Spectrum Sensing
245	Sona Sharma and Juhi Gupta	Review on Light Fidelity (Li-Fi): Light based technology
261	Yasser Aldayan, Abdulkareem Alghamdi, Khalid Alotaiby and Abdul Khader Jilani Saudagar	Smart Virtual Parking Mobile Application
262	Nitish Kumarojha, Neeraj Sharma and Rohit Bajaj	A Novel VM Allocation Policy Management Technique to Reduce the Energy Consumption in Cloud Computing
265	Gulista Khan and Kamal Kumar Gola	COMPARATIVE ANALYSIS OF ROUTING ALGORITHMS FOR UNDERWATER SENSOR NETWORK
282	Debasis Mukherjee and B.V.R. Reddy	A Novel Method for Reduction of Leakage Current in MOSFET
285	Neeraj Garg, Sanjay Kumar Dhurandher and Jagdeep Lather	Context Aware Collge campus
287	Susmita Pani and Jibitesh Mishra	A Novel Approach for Designing Mobile Learning Smart Apps
288	Sonam Gautam and Manoj Kumar	An Efficient Multi-focus and Multimodal Image Fusion using DT-CWT



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Track IV : SMART CONVERGING TECHNOLOGY

PID	Authors	Title
238	Shamita Malik, Sunil Kumar Khatri and Dolly Sharna	ClusPhylo: Spark based fast and reliable approach for reconstruction of phylogenetic network using large databases
240	Srihari Mandava and Ramesh Varadarajan	Estimation of Grid Harmonics by Extending Recursive Newton Method for Amplitude and Angle
241	Vivek Rai Srivastava, Md Tafsir, Lakshminarayana V. and Pramod V.B	Electrical interfaces in High Power Communication Satellite
247	D.Teja Santosh	Improved Product Recommendations using rule based sentiments mined from ontology
255	Khalid Raza	Improving diagnosis of cardiovascular disease with ensemble learning
258	Tajinder Singh, Madhu Kumari and Shweta Mahajan	Feature Oriented Fuzzy Logic Based Web Spam Detection
259	D Gomathi, Vivek Rai Srivastava and Lakshminarayana V.	EDS Design in High Power Communication Satellite
263	Vivekanandan N, Kalaskar Pratik V and Dr.Ajay Fulambarkar	Improvement of Anti-Lock Braking System on Rough Road using Artificial Neural Networks
264	Hima Patel, Dr. Amit Thakkar, Mrudang Pandya and Kamlesh Makwana	Advanced in Neural Network with Deep Learning Architectures
283	Shweta Mittal and Om Prakash Sangwan	Prioritizing Test Cases for Regression Techniques using Metaheuristic Techniques
290	Yishak Kifle, Baseem Khan and Jitendra Singh Bhadoriya	Designing and Modeling Grid Connected Photovoltaic System (Case Study: EEU Building at Hawassa city)
301	Rashmeet Toor and Inderveer Chana	Network Analysis of Disease-Diet Associations: A Healthcare Perspective
311	Sonal Mittal and Rashmi Singh	Fuzzy "G" -semi open sets and fuzzy "G" -semi continuous functions
312	Preethi P and Mamatha H.R	A Systematic Approach in Transforming Inscriptions into Modern Text -Review



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TRACK-WISE & SESSION-WISE PRESENTATION SCHEDULE

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Venue: LT-01, Ground Floor, Block A		
Track I : SMART COMPUTING		
PID	Authors	Title
315	Subhashis Chatterjee, Bhagyashree Chaudhuri, Chandan Bhar and Ankur Shukla	Estimation of Software Reliability and Development Cost Using Interval Type-2 Fuzzy AHP
321	Gurjit Kaur and Rahul Hans	A Hybrid Static Space Sharing Job Scheduling Algorithm for Parallel Homogeneous System
326	Umrinderpal Singh, Vishal Goyal and Gurpreet Singh Lehal	HANDLING UNKNOWN WORDS IN URDU TO PUNJABI MACHINE TRANSLATION
337	Shanu Khan, Vikram Kumar and Sandeep Chaurasia	A Classed Approach towards Rainfall Forecasting: Machine Learning Network
355	Ranjeet Singh	A Dwt_Svd Based Multiple Watermarking Scheme for Image Based Data Security
365	Vaishali Gupta, Nisheeth Joshi and Iti Mathur	Automatic Extraction of MWEs from Urdu Corpora using Statistical Model
372	Poonam Priyadarshini	Studies of Music Emotion
384	Aman Hooda and Dr Ankit Kumar	Hybrid approach of prioritizing Design based & Risk based test cases by Partition Clustering
390	Dipti Singh and Priyanka Sharma	Classification of compressed videos
393	Thipendra Pal Singh and Suraiya Jabin	Enlargement of Noise Immunity of Bidirectional Associative Memory (BAM) using Genetic Algorithm
402	Anupam Shukla, Ritu Tiwari, Prashant Pandey, Mohit Joshi and Rahul Kumar	Multi Agent Reinforcement Learning for Playing MS - Pacman
405	Surbhi Bhatia, Manisha Sharma, Komal Bhatia and Pragyaditya Das	Opinion Score Mining: An algorithmic approach
422	Soumya Ranjan Nayak and Jibitesh Mishra	A Modified Tringle Box-Counting with Precision in Error Fit
426	Atul Kumar Srivastava, Rakhi Garg and Pramod Kumar Mishra	Analysis of Iterative Methods in PageRank Computation



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Track II : SMART COMMUNICATIONS

PID	Authors	Title
352	Satpal Singh, Sheifali Gupta and Deepika Koundal	Step by Step Simulation of Vehicular Ad-hoc Network
353	Satpal Singh, Sheifali Gupta and Deepika Koundal	Vehicular adhoc network protocols and future applications
354	Arashpreet Sohi and Amanpreet Kaur	A compact microstrip patch antenna with DGS for UWB applications
356	Paramita Sarkar, Naushad Manzoor Laskar, Sourav Nath, K.L. Baishnab and Saurav Chanda	Offset Voltage Minimization based Circuit Sizing of CMOS Operational Amplifier using Whale Optimization Algorithm
358	Pema Choejey, David Murray and Chun Che Fung	Perceptions of Cybersecurity in Government Organisations: Case Study of Bhutan
359	Gopi Chand Naguboina and K Anusudha	DESIGN AND IMPLEMENTAION OF BCD TO SEVEN SEGMENT DISPLAY DECODER USING REVERSIBLE DECODER ON FPGA
361	Prasoon Shukla, Sanjay Kumar and Sudhakar Pandey	Closeness and Centric Based Routing in Delay Tolerant Network
368	Ravinder Yadav, Shambhavi Kumari and Aravind Kilaru	The Recent Trends, Techniques and Methods of Cloud Security
382	K Bharath Kumar and Dr.T. Shanmuganantham	Design of Hut Shaped SIW Antenna on Analog Integrated Circuits for 60 GHz Applications
394	Karm Veer Arya, Yugarshi Shashwat Jaiswal, Prashant Pandey and Smit Kumar Jha	A modified AODV protocol for preventing blackhole attack in MANETs
403	Lison Chabungbam Singh, Anandini Chabungbam, Ashim Jyoti Gogoi and K. L. Baishnab	Automated sizing of Low-Noise CMOS analog amplifier using ALCP SO optimization algorithm
407	Sandeep Kumar, Sanjay Soni and Priyanka Jain	Performance Analysis of Hoyt-lognormal Composite Distribution
416	Gaurav Verma, Chetna Dabas, Ashish Goel, Manish Kumar and Vijay Khare	Clustering Based Power Optimization of Digital Circuits for FPGAs
427	Mainejar Yadav and Ranvijay	A distortion free multi-secret image sharing with efficient shadow communication overhead



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Track III : SMART TECHNOLOGY

PID	Authors	Title
295	Rama Murthy Garimella and Rhishi Pratap Singh	Time Optimal Spectrum Sensing
307	Sheshang Degadwala and Sanjay Gaur	An Efficient Privacy Preserving System Using VCS, Block DWT-SVD and Modified Zernike Moment on RST Attacks
313	Chandresh Kumar Chhatlani	Efficient Methodology of Development of Semantic Web based Ontology: A case study of college ontology
322	Mitali Srivastava, Rakhi Garg and P. K. Mishra	A MapReduce based User Identification Algorithm in Web Usage Mining
328	Devesh Kumar Srivastava and Priyanka Nair	Employee Attrition Analytics using Predictive Techniques
331	M Soumya Krishnan	Call Centre Quality Metrics and its Sway on Workforces
381	Rohit Wanchoo, Bhanu Pratap Chib and Nikita Raina	Detecting DDoS - A novel method based on Network Traffic History and Chaos Theory
385	Rachit Aggarwal and Vimlesh Kumar	Improvement of Collaborative Filtering using Temporal Effects in Recommendation Systems
388	Saleem Sheik Aalam and Rajendran Manimaran	AMODIFIED APPROACH FOR DETERMINING CONGESTION CONTROL IN COGNITIVE RADIO AD HOC NETWORKS
389	Chander Diwakar and Pradeep Tomar	Analysis of ACO for TSP and VRP using CBSE Metric
396	Nurzamal Islam, Yumnum Jayanta Singh and Senjam Hembra	A Survey on Object Recognition Methods
400	Anshul Jain and Dr Uma Shankar Modani	A Multiband Hexagonal Slot Patch Antenna for Various Wireless Applications
401	Monika Bharti, Dr. Rajesh Kumar and Dr. Sharad Saxena	Internet-of-Things:A Survey
412	Soumen Roy, Utpal Roy and Devadatta Sinha	Protection of Kids from Internet Threats: A Machine Learning Approach for Classification of Age Group Based on Typing Pattern



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Track IV : SMART CONVERGING TECHNOLOGY

PID	Authors	Title
327	Sonika	Genetic Algorithm Approach for Optimization of Biomass Estimation at LiDAR
330	Sweta Kumari and Shashank Pushkar	A Cuckoo Search Based Model for Improving the Accuracy of Software Effort Estimation
332	Paulami De and Mrinmoy Majumder	Development of Real Time Monitoring System for Intake Water of Surface Water Treatment Plant with the help of Segmented Polynomial Neural Network
348	Vishal Pasricha and Rajesh Kumar Aggarwal	Feature Extraction Techniques for Hindi Speech Recognition System: A Study
362	Rima Patel, Amit Thakkar, Kamlesh Makwana and Jay Patel	Comprehensive & Evolution Study Focusing on Comparative Analysis of Automatic Text Summarization
377	Sanjeev Kumar, Suneeta Agarwal and Ranvijay .	WBSC: A Fast and Efficient Biological Data Compression Algorithm
387	Hema Shekhawat and Karan Verma	A novel approach for Big Data Privacy Preservation
404	Shachi Mall and Umesh Chandra Jaiswal	Resolving issues in Word Sense Disambiguation for Hindi Languages
408	Naresh Alapati and B.Suresh Kumar	Experimental evaluation of big-data mining based on user perspective (BDMBUP)
421	Samaksh Yadav, Lalitesh Bansal and Shikha Mehta	Optimized Product Recommendations using Deep Learning Approach
428	Sandhya Rathee and Archana Sandhu	A Fuzzy Effective curvic analysis approach for building extractions over SAR images
430	Mrudula Nimbarte and Kishor Bhoyar	Face Recognition Across Aging using GLBP Features
433	Gaurav Sharma, Ashok Kumar and Vicky Kumar	Soft Computing based 3D Localization for Anisotropic Wireless Sensor Networks
434	Hritik Jain and Saibal Pal	Fake Currency Note Identification using Deep Convolutional Neural Networks
440	Neeti Joshi and Priyanka Sharma	Analysis of student performance using machine learning approaches for Outcome Based Education



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Track I : SMART COMPUTING

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442	Amit Kumr Singh and Vinay Kumar Srivastava	Exon Prediction BY Peaking Filter Implemented using FDA Tool Box
450	Anindya Pal and Suman Deb	An Investigation on MOOCs' Platform Features, Exploring Possible Ways to Improve Learning Outcome and Reduce Dropout Rates
468	Vidhi Sutaria	Survey Paper On Fault Prediction And Mitigation In Cloud Computing
483	Poonam Sharma, Dr Ashwani Kumar Dubey and Saloni Sharma	-Efficient Computing in Image Processing and DSPs with ASIP based Multiplier - Accumulator using Modified Booth and Wallace Tree Algorithm
487	Shikha Gautam, Anand Singh Jalal and Gunjan Bhartiya	Image Forgery Detection using Noise and Wavelet Features
491	Shweta Singh and A.N. Tiwari	Simulation and Comparison of SPWM and SVPWM Control for Two Level Inverter
524	Sumeet Kaur Sehra, Yadwinder Singh Brar, Navdeep Kaur and Gagandeep Kaur	Optimization of COCOMO Parameters using TLBO Algorithm
529	Uttam Chauhan and Apurva Shah	The Architecture for Optimizing Semantic Topical Coherence in Gujarati Text Topic Modeling
536	Shikha Chaudhary, Dr. Saroj Hiranwal and Dr. C.P Gupta	A Review of Task Scheduling in Cloud Computing in different cloud environment
543	Dr. Monika Jain and Usha Tiwari	An ANDROID based Gesture Control Robot
545	Padmasini C S and Dr. Shyamala K	Prediction of Automotive customer choice through classification Techniques
548	Janani Balakumar and Vijayarani Mohan	An Enhanced Algorithm for Text Document Clustering
549	Ananda Bibek Ray, Suman Deb and Suraksha Devi	Creating an Interaction Interface to Improve User Engagement in Virtual Reality Systems
556	Neetu Tanwar and Anil Dahiya	Recommendation System: Boon to Consumer and Producer - A Survey



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Track II : SMART COMMUNICATIONS

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435	Shradha Mohanty, Alkesh Shende, Abhimanyu K Patro and Bibhudendra Acharya	A DNA based Chaotic Image Fusion Encryption Scheme Using LEA - 256 and SHA - 256
455	Shashank Sahu, Dr. Rashi Agarwal and Dr. Rajesh Kumar Tyagi	A Novel OLDA Evolving Agent Architecture
463	Sindhu Suryanarayanan, Sreekala Manmadhan and Rakesh N	Design and development of real time patient monitoring system with GSM technology
466	Panchali Datta Choudhury, Neha Agarwal and Tanmay De	Incorporating Multicast Traffic Grooming Routing and Spectrum Assignment in Flex-grid Optical Network using Sub-Light Tree Sharing Approach
478	Sourabh Singh Vema, Anil Kumar and R. B. Patel	QoS Oriented Dynamic Flow Preemption (DFP) in MANET
480	Prasenjit Maiti, Bibhudatta Sahoo, Ashok Kumar Turuk and Suchismita Satpathy	Optimal data migration among Mini-Clouds for Data Collection in Internet of Mobile Things
502	Nivas Kumar, Deepika Setia and Gurinder Pal Singh	DESIGN OF THE SEQUENTIAL COUNTER USING REVERSIBLE LOGIC GATE
512	Swati Bansal	Analysis and Comparative study of Flooding and forwarding routing protocols in Delay Tolerant networks
514	Maggi Bansal, Inderveer Chana and Siobhan Clarke	Enablement of IoT based Context-Aware Smart Home with Fog Computing
521	Sanjeev Verma	Performance analysis and comparison between two technique of GPON network for various communication application
523	Jitender Grover, Gadiraju Divija Swetha and Garimella Rama Murthy	Efficient Method for Dynamic Channel Allocation with special regard to Small Cells using Integer Programming
525	Parul Kalra and Deepti Mehrotra	Field based Weighting Information Retrieval on Document field of Ad hoc dataset
557	Ravindranath N, Inder Singh, Ajay Prasad and Sambasiva Rao V	Evaluation of the Effect of Rate Adaptation Techniques on IEEE 802.11ac and 802.11n
560	Hitesh Bheda, Chirag Thaker and Nidhi Patel	Optimizing Performance in Cloud Environment through Improvised Load Balancing Algorithm



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415	Mohan N V, Meshram Shubham, Pranav Kumar and B Sathish Babu	Intelligent Resource Allocation and De-allocation (IRAD) - Scheme for Cloud Infrastructure Services
418	Alka Chaudhary	Soft Computing Techniques for Intrusion Detection in Mobile Ad Hoc Networks
429	Vicky Kumar, Ashok Kumar and Gaurav Sharma	Improving Network Lifetime of SEECH clustering algorithm using Mobile sinks and Rendezvous nodes
439	Harpreet Singh and Parminder Kaur	Comparative Analysis of Genetic Algorithm and ACO Algorithm for Website Structure Optimization
448	Anandini Devi and Lison Singh	A Low Noise Figure and High Gain Inductive Source Degenerative LNA for Wireless Application
452	Mallika Mhatre and Anup Bhola	Energy efficient wireless sensor's routing using balanced unequal clustering technique
454	Mallika Mhatre, Anup Bhola and C. K. Jha	Energy efficient WSN using membership handshaking clustering technique for isolated nodes
457	Debasis Mukherjee and B.V.R. Reddy	U Shaped Vertical Gate Bulk MOSFET for Area Minimization
460	Rohit Kumar Bhullar	Efficient Stress Calculation and Scheduling Policy for Heterogeneous Processor Systems
461	Ranjith R, Archana Sreekumar and Radhamani V Pillay	Robust adaptive novel approach to compensate for performance degradation due to jitter in hard real-time systems
467	Mohammad Imran, Supreetha Gowda H D and G Hemantha Kumar	Multi-modal Biometric System on various levels of fusion using LPQ features
473	Navanath Saharia	Phone-based Identification of Language in Code-mixed Social Network's Data
474	Veena R S, Ramachandra V Pujeri and Indiramma M	IFCS: Integrated Framework for Cloud Security for Enhanced Data and VM security
475	Pooja Verma, Rakesh Kumar and A.K. Sharma	AN EFFICIENT GATEWAY DISCOVERY AND SELECTION ALGORITHM BASED ON MULTIPLE PATH ATTRIBUTES FOR INTERNET INTEGRATED MANET
476	Sarfaraz Nawaz	A novel approach for Multiple DG allocation in Real Distribution system



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445	Bhawna Jain, A.K Verma and Tarunpreet Bhatia	ABE based Secure Distributed Storage Scheme for Big Data in Cloud
453	Bindu Garg and Tanya Sah	Wheat Yield Forecasting Using Fuzzy Logic
471	Anirban Banik, Tarun Kanti Bandyopadhyay, Sushant Kumar Biswal and Mrinmoy Majumder	Development of an Adaptive non-parametric model for estimating maximum efficiency of Disc membrane
490	Mainaz Faridi, Seema Verma and Saurabh Mukherjee	A Novel Algorithm of Weighted Fuzzy Spatial Association Rule Mining (WFSARM) for Wasteland Reclamation
508	Ramesh Babu Pittala, M Nagabhushana Rao and Shiva Kumar M	Building a Geo-Log System Based on the Micro Blogging Platforms Used In Emergency Situation
509	Suman Chaudhary and Kunal Chakma	A Hybrid Approach for Lemmatizer for Hindi Language
513	Parul Tiwari and Priyanka Nagar	A Survey on Buckling Analysis of Nanostructures via Nonlocal Elasticity Theory
515	Sushant Kumar and Prabhat Ranjan	A Phase Wise Approach for Fault Identification
516	Chetan Dhule and Urmila Shrawankar	Green Consolidator for Cloud Based Energy Efficient E-governance
520	Nadeem Akhtar and Bushra Siddique	Topic Based Hierarchical Summarization of Twitter
526	Yogesh ., Ashwani Kumar Dubey and Rajeev Arora	Adaptive Thresholding Based Segmentation of Infected Portion of Pome Fruit
538	Shilpa Jain, Dinesh Bisht and Phool Singh	Real Coded Genetic Algorithm for Fuzzy Time Series Prediction
555	Thulasi Bikku, Sambasiva Rao N and Ananda Rao Akepogu	A Novel Genes based Document clustering and Classification Model for Classifying Imbalanced Biomedical Data
562	Hemlata Goyal, Chilka Sharma and Nishith Joshi	Spatial Data Mining with GIS



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558	Surjit Singh and Rajeev Mohan Sharma	Meta-heuristic based Energy Efficient Load Balanced Clustering in WSNs
564	Yogita Balani, Kanika Chaudhary and Vasudha Vashisht	Enhanced Solutions to Cloud Computing using Database and Gateway Approach
569	Jitendra Bhatia, Harshal Trivedi and Saurabh Patni	Infrastructure as a code in Cloud Environment for Dynamic Auto Scaling
570	Shikha Agarwal and Prabhat Ranjan	Two Phase Map Reduce Fuzzy Ternary Particle Swarm Optimization
571	Sunil Kumar and Swati Nagori	Key-point based copy-move forgery detection in digital images
579	Archana Sreekumar, Ranjith R and Radhamani V Pillay	Simulation and Testing of Enhanced Resilient NGC system to Faults
589	Pankaj Kumar Jadwal, Sonal Jain and Umesh Gupta	SVM with clustering for prediction of ATM cash repository
597	Rajneesh Tanwar	Intelligent Automated Vehicle Registration Certificate
605	Sanjana Singh, Madhavi Arora and Shilpi Sharma	Perspectives of Cloud Computing in Small Business: Opportunities & Challenges
609	Beulah Kondapalli, Vamsi Krishna Raja Penmetsa, Subba Rao P and Narasimha Rao Gudikandhula	A Study on Cloud Services with Internet of Things in Real World Complications: Geo-Tagging Approach
611	Dr. Richa Purohit and Dr. Deepshikha Bhargava	An Illustration to Secured Way of Data Mining Using Privacy Preserving Data Mining
613	Karm Arya, Vishal Garg, Adarsh Agrawal and Akshay Agarwal	Hybrid Android Malware detection using Static and Dynamic Analysis
622	Sonia Mehla and Sarika Jain	A Knowledge Treasure for Situation Awareness during Emergencies
624	Narasimha Rao Gudikandhula, Jagadeeswara Rao Peddada and Rajesh Duvvuru	Forest fire maps search engine in Kambalakonda Reserved Forest, Visakhapatnam, India: A Semantic GIS approach



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PID	Authors	Title
565	Rajnesh Singh and Neeta Singh	Performance Analysis of TCP Versions Using Different Routing Protocols in MANETs
572	Vijay Kumar, Rimmi Anand and Divya Aggarwal	Comparative Analysis of Optimization Solvers
573	Mahesh Bhatt and Harshpreet Singh Ahluwalia	Travelling distance prediction based handoff optimization in wireless networks
578	Ashish Singh	Review: Dual Band Microstrip Patch Antenna for Wireless Application
584	Harshpreet Singh and Rajneesh Randhawa	Energy efficient Virtual Machine Placement in Distributed Cloud Data Centers
616	Manoj Kumar and Mukesh Azad	Comparative Analysis of Tree Based Data Aggregation Protocols to Maximize Lifetime of Wireless Sensor Networks
628	Kanta Prasad Sharma, Ramesh C Poonia and Surendra Sunda	Map Matching for curve simplification on road network using RTKLIB Package
631	Rajesh Subramanian and Dr. Swapnesh Taterh	RISK BASED ERP IMPLEMENTATION FRAMEWORK FOR HIGHER EDUCATION INSTITUTIONS
648	Naresh Kumar Reddy	Fault Tolerance on NoC regarding Performance and Energy Consumption
649	Amanpreet Kaur, Vijaypal Dhaka and Gurpreet Singh	Avoiding flooding using Controlled Broadcast in Ant Based-Adhoc on Demand Multipath Routing Protocol
653	Annamalai Alagappan and Dr. Ramesh Chandra Poonia	A Broach Study of Information Security of Popular Social Networking Sites
654	Ankit Khare and Mrinmoy Majumder	Identification and FMEA analysis of working fluid properties for OTEC Plants
661	Shivkant Kaushik and Ramesh Chandra Poonia	COMPARATIVE STUDIES OF DDS PROTOCOLS
662	Vijander Singh	Simulation Tools and Techniques: A Review
664	Mayank Kumar Goyal, Satya Prakash Ghrera and Jai Prakash Gupta	Reducing the No. of Forward Nodes from 1-Hop Nodes to Cover entire 2-Hop Nodes with Network Coding



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479	Shailesh Kumar and Pradeep Kumar Singh	A Comparative Study of Flash Translation Layer Techniques
497	Ram Kumar and S. C. Sharma	Information Retrieval System: An Overview, Issues And Challenges
501	Vishal Garg, Ritu Tiwari and Anumpam Shukla	Multi Robot Navigation and Mobile Target capturing using Improved Invasive Weed Optimization
504	Mahendra Singh Niranjana	Development of magnetic abrasive particles using sintering method and its characterization
510	Malay Kumar, Jasraj Meena, Sanjeev Jain and Manu Vardhan	Data Confidentiality and Integrity Preserving Outsourcing Algorithm for System of Linear Equation to a Malicious Cloud Server
511	Ashish Khanna, Awadhesh Kumar Singh and Abhishek Swaroop	Handling Generalized Mutual exclusion in MANETs using Overlapped Neighbourhood Concept
519	Prateek Dolas and Debashis Ghosh	Performance Evaluation of Unitary Measurement Matrix in Compressed Data Gathering for Real Time WSN Applications
530	Binita Pareek and Mohit Saxena	Optimization of Suspected Region in Copy Move Forgery Using Sliding Block Processing and Template Matching
537	Mr. A.Krishnakumar and Dr. V. Anuratha	Multi-Power Amplification of Energy Efficient LEACH Protocol for WSNs
540	Rohit Kumar Bhullar	Multi-Channel Medium Access Control Protocol: A Review
547	Meena Kumari and Rajender Nath	A secure and flexible one way hash function for data integrity verification in cloud computing environment
552	Suraksha Devi, Suman Deb and Ananda Bibek Ray	Tangible Augmented Reality Interface as an assistive-learning tool in classrooms
567	Surjit Singh and Rajeev Mohan Sharma	Heuristic based Coverage aware Load Balanced Clustering in Wireless Sensor Networks
568	Dr. Akash Saxena, Khushboo Saxena and Dr. Navneet Sharma	Incremental ANPR algorithm for traffic control using SVM
575	Suchismita Satpathy, Bibhudatta Sahoo, Ashok Kumar Turuk and Prasenjit Maiti	A UML Framework for Service Delivery of Sensory Data in Cloud centric Internet of Things



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Track IV : SMART CONVERGING TECHNOLOGY

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586	Lalita Kumari, Jagdish Lal Raheja and Vidyut Dey	Text Extraction from Image of Word Cloud Using Tries Data Structure
587	Santanu Dam, Kamal Sarkar and Sohini Roy Chowdhury	A Study on Effect of Positional Information in Single Document Text Summarization
604	Madhavi Arora, Sanjana Singh and Shilpi Sharma	Social bots: Impact of Artificial Intelligence with context to Social Intelligence in Social Networking
617	Mayank Satya Prakash Sharma	IMAGE FUSION AND ITS SEPARATION USING SVD BASED ICA METHOD
619	Mohammed Shafeeq Ahmed and Dr. Indira Baddam	Detection of Exudates from RGB Fundus Images using 3σ Control Method
623	Mithlesh Arya, Namita Mittal and Girdhari Singh	Clustering Techniques on Pap smear Images for the Detection of Cervical Cancer
627	Suma Dawn	Technologies and Methods for 3D Reconstruction in Archaeology
629	Kaliyamurthy Nitheesh Murugan and Swapnesh Taterh	Understanding Software Defined Networking - A Study on the existing Software Defined Networking technologies and its Security impact
658	Archeek Praveen, Ratnadeep Roy, Sanyog Rawat and Prathibha Sudhakaran	Continous Telugu speech recognition through Combined feature extraction by MFCC and DWPD using HMM based DNN techniques
659	Rama Singh, Deepak Rai and Rajesh Prasad	A Review on Parameterized String Matching Algorithms
666	Malyaj Srivastava and A.N. Tiwari	Simulation Study of Partial Power Processing With Boost Converter for Solar PV Application
672	Prathibha Sudhakaran, Ratnadeep Roy and Archeek Praveen Kumar	Review of Speech Recognition on South Indian Dravidian Languages
674	Sukhvir Kaur, Shreelekha Pandey and Shivani Goel	An automatic leaf disease detection system for legume species
675	Tanuja Kumari Sharma and Hemraj Saini	Stete of Art on Efficient Document Co-editnig in Cloud Collaboration



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671	B Suresh Kumar, Dr. Deepshikha Bhargava and Dr. Arpan Kumar Kar	Identification of suitable websites for digital marketing - An Approach using Bio- Inspired Computing
680	Pankaj Gupta and Bharat Bhushan Sagar	Discovering frequency-weighted utility temporal relationship rules using frequent pattern tree
685	Archana Mangal and Iti Mathur	A Framework fo Machine Learning based Multi Agent System
719	Ankita Mathur, Umesh Gupta and Sonal Jain	Clustering of Water Reservoirs based on Water Chemical Analysis using K-means technique: A Case Study of Jaipur Region
728	Arti Jain, Nikhil Sharma and Shubham Joshi	Mining Application on Analyzing Users' Interests from Twitter
742	Oshin Bhardwaj and Harsh Ahluwalia	Minimization of makespan using Hybrid approach in grid environment
762	Ramkumar Eswaraprasad and Dr Lineshraj	A REVIEW OF VIRTUAL MACHINE (VM) RESOURCE SCHEDULING ALGORITHMS IN CLOUD COMPUTING ENVIRONMENT
763	Isha Shingari, Dinesh Kumar and Mudit Khetan	A Review on predicting student performance using data mining techniques
775	Pooja Asopa, Sneha Asopa, Iti Mathur and Nisheeth Joshi	Behavior Modeling of learners in Intelligent Tutoring Systems
781	Mohit Kumar and Dinesh Kumar	EADCA:Energy Aware Distributed Clustering Algorithm for Wireless Sensor Networks
782	Satya Srinivas Maddipati, Dr Adimulam Yesubabu and Dr Pradeepini G	Class Imbalance Learning of Defective Prone Modules Using Adaptive Neuro Fuzzy Inference System
785	Dr. Ramesh C. Poonia and Vaibhav Bhatnagar	Glancing of VANET Routing Protocols with Swarm Intelligence
786	Aarti Gautam Dinker and Vidushi Sharma	Multilevel Authentication Scheme for Security Critical Networks
790	Rishi Gupta, Pradeep Yadav and Sandeep Kumar	Race Identification From Facial Images Using Statistical Techniques
791	Fauziyya Umar Adamu	Students perception of E-Classroom and Their Motivation in Learning Computer Science in Bauchi State Nigeria
797	Dr Ashwani Kumar Dubey and Rashmi Sharma	Design and Analysis of Capacitive Micro-machined Ultrasonic Transducers



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Day 3: March 29, 2017 (Wednesday)

Session VII : 1200-1330 hrs

Venue: LT-01, Ground Floor, Block A

Track II : SMART COMMUNICATIONS

PID	Authors	Title
670	Mahmoud Jazzar	On Cloud Data Transaction Security Using Encryption and Intrusion Detection
682	Manish Kalra, Ramesh C. Poonia and X. Z. Gao	Design a New Protocol and Comparison with BB84 Protocol for Quantum Key Distribution
683	Girish Paliwal and Swapnesh Taterh	TCP BBR Vs Congestion Control algorithms for Wireless Network : A Brief Study
689	Rohini Sharma and Daya Krishan Lobiyal	Intelligent Water Drop Based Coverage-Connectivity and Lifespan Maximization Protocol for Wireless Sensor Networks
699	Shaurya Gupta, Ramesh Chandra Poonia and X.Z Gao	Relative Learning of Steering Protocols in Delay Tolerant Network
712	Prabhjot Kaur, Anchit Bijalwan and R. C. Joshi	Redefining: Network Forensic Process Model and Framework
716	Garima Sinha, Pankaj Goswami and Sudhir Sharma	Application Of PID Controller in Power Factor Correction Of Non Linear Load
729	Basanta K Panigrahi, Prakash K Ray, Pravat K Rout and Asit Mohanty	Detection And Location of Fault in a Micro grid Using Wavelet packet Transform
746	Basanta K Panigrahi, Prakash K Ray, Pravat K Rout and Asit Mohanty	Detection and Classification of Faults in a Microgrid using Wavelet Neural Network
753	Pawan Singh and Jitendra Singh Bhadoriya	Slight Increment Factor Based Priority Scheduling (SIFBP)
757	Lingaraj K	OMMIP: an Optimized for multiple mobile agents Itinerary Planning in Wireless Sensor Networks
772	Jyoti Fulzele, Dr Manoj Daigavane and Dr Prema Daigavane	Design of Hybrid PV-Wind Stand-Alone Renewable Energy System: Case Study
789	Kang-Wei Wang and Ming-Lang Wang	Exploring Quality Management of Dynamic Senior High Education: Application and Integration of the Kano Model



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Track III : SMART TECHNOLOGY

PID	Authors	Title
577	Monika Rani, Amit Kumar, Deepak Maurya, Satyam Mishra, Siddhartha Sonker, Utkarsh Saxena and O. P. Vyas	Ontology-based Bitmasking Approach for Smart e-tourism System
582	Vijay Kumar Sharma, Devesh Kumar Srivastava and Pratistha Mathur	Comprehensive Secure Electronic fund transfer system using Application of steganography and Visual Cryptography
592	Gouri Sankar Mishra and Dr. Kiran Ravulakollu	Machine Translation of English Text to Indian Sign Language: A phrase based Approach
598	Sonal Murarka, Dr. Shilpi Sharma and Divyanshi Thakur	Li-Fi Synchronicity towards 5 G: concepts, challenges and opportunities
600	Rubina Choudhary and Aditya Khamparia	Prediction of bus arrival time using intelligent computing methods
607	Shubham Aggarwal, Jatin Sokhal and Bindu Garg	A Regression Based Fuzzy Time Series Model For Prediction Of Rice Yield
641	Vaibhav Khatavkar and Dr. Parag Kulkarni	Document Context Identification Using Latent Semantic Analysis
665	Neha Desai and Shrihari Khatawkar	An Energy Efficient Clustering Approach for Wireless Sensor Network
667	Andrews Leo John Baptist and Linesh Raja	A Study on m-Health inline with sensors applying for a real time environment
677	Gaurav Sharma and Ashok Kumar	Improved Range-Free Localization using Invasive Weed Optimization for Wireless Sensor Networks
687	Ranjini Anbarasan and B.S.E.Zoraida Zoraida	SMART RESIDENTIAL ENERGY MANAGEMENT SYSTEM INTEGRATED WITH RENEWABLE ENERGY
704	Pragya Vaishnav and Sonali Vyas	A Study of various ETL Process and their Testing Techniques in DataWarehouse
745	Sudhanshu Maurya and Kuntal Mukherjee	An Energy Efficient Design of Cloud of Things (CoT)
751	Saloni Manhas and Swapnesh Taterh	An Analysis and review of Techniques to Mitigate Cross Site Scripting Attack
755	Surjeet Dalal, Shakti Arora, Vivek Jaglan and Akshat Agrawal	Adaptive Model For Integrity Verification In Cloud Computing System



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Track IV : SMART CONVERGING TECHNOLOGY

PID	Authors	Title
676	Gaurav Kumawat and Jayashri Vajpai	T-S Fuzzy Model based State Feedback Controller for Unstable Nonlinear Systems
684	Prachi Garg, Rahul Johari and Anjali Jain	Twitter Sentiment Analysis Using Big Data Hadoop
686	Payal Malvade, Atul Joshi and Swati Madhe	IoT Based Monitoring of In-Sole Shoe Pressure Using FSR Sensor
696	Prasanta Kumar Paul and Sonali Vyas	A Review of Hybrid Data Mining Algorithm for Big Data Mining
697	Dr. Deepti Mehrotra	Framework for creating soft green computing environment
707	M Durairaj and A Manimaran	(EEB-TT) - Defensive Mechanism against Distributed Denial of Service (DDoS) attacks in Cloud Environment
720	Kirti Jain and Dr. Sarita Singh	Partial Shape Feature Fusion Using PSO-ACO Hybrid Method for Content Based Image Retrieval
721	Amit Agarwal, Ritu Singh and Durga Toshniwal	Geospatial Sentiment Analysis on UK-EU Referendum within Twitter
724	Shweta Sharma and Deepshikha Bhargava	Cross-Opposition Based Differential Evolution
730	Anju Gautam, Dr. Prashant Sahai Saxena and Dr. Savita Shiwani	Quantitative analysis of Usability issues of E-Commerce Portals
752	Saloni Manhas and Swapnesh Taterh	Detection of XSS Vulnerabilities Using XENOTIX Framework
754	Naresh Kumar and Deepshikha Bhargava	A Scheme of Features Fusion for Facial Expression Analysis : A Facial Action Recognition
774	Vikas Lamba, Vijay Singh Dhaka and M.P. Singh	Analysis of Optimal Wheat Yield Prediction Using Feed Forward Neural Networks

IMPORTANT PERSONS TO CONTACT

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