PID	Title and Authors
14	Design and Implementation of OFDM Transceiver Using Different Modulation
	Techniques over CDMA
	Shikha Bharti, Hemant Rathore, Arun Kumar, and Manish Kumar Singh
20	Two-Phase Validation Scheme for Detection and Prevention of ARP Cache Poisoning
	Sweta Singh, Dayashankar Singh, and Aanjey Mani Tripathi
41	Fused Sentiments from Social Media and its Relationship with Consumer Demand
	Pushkal Agarwal, Shubham Upadhyaya, Aditya Kesharwani and Kannan Balaji
46	Protein Sequence in Classifying Dengue Sterotypes
	Pandiselvam Pandiyarajan and Kathirvalavakumar Thangairulappan
51	An Efficient Framework for Smart City Using Big Data Technologies and Internet of
	Things
	Krishna Kumar Mohbey
54	Secured Cloud-based Federation for EHR using Multi-Authority ABE
	Siddhesh Mhatre and Anant V. Nimkar
58	NavIC - An Indigenous Development for Self Reliant Navigation Services
	Dinesh Kumar Misra and Mirza Mohammad Zaheer
70	A Hybrid Machine Learning Technique for fusing fast kNN and training Set Reduction:
	Combining both Improves the Effectiveness of Classification
	Bhagirath Parshuram Prajapati and Dhaval R. Kathiriya
76	A Prototype for Semantic Knowledge Retrieval from Educational Ontology Using RDF
	and SPARQL
	S Mahaboob Hussain, Prathyusha Kanakam, and D. Suryanarayana
78	Discrimination of Healthy and Parkinson Diseased Subjects Using Thomson Multitaper
	Mel Frequency Cepstral Coefficients as Voice Features
0.1	Savitha S Upadhya, A. N. Cheeran, and J.H. Nirmal
81	Modelling of Force and Torque due to Solar Radiation Pressure Acting on Interplanetary
	Spacecraft Aman Kuman Sinha, and Minza Mohd Zahaan
90	Aman Kumar Sinha, and Mirza Mohd Zaheer An Assistive Bot for Healthcare using Deep Learning - Conversation-as-a-Service
90	Dhvani Shah, and Joel Philip
92	Software Defined Networking (SDN) and Distributed Denial of Services (DDoS)
12	Subham Kumar, Sumit Kumar, and Valluri Sarimela
100	A Fast Image Encryption Technique Using Henon Chaotic Map
100	Kapil Mishra and Ravi Saharan
105	A Comprehensive Recommender System for Fresher and Employer
105	Bhavna Gupta, Sarthak Kanodia, Nikita Khanna, Saksham
106	A New Approach to Provide Authentication Using Acknowledgment
100	Vijay Paul Singh, Naveen Aggarwal, Muzzammil Hussain, Charanjeet Kour Raina
113	A Brief Study on Build Failures in Continuous Integration: Causation and Effect
	Romit Jain, Saket Kumar Singh, and Bharavi Mishra
114	Resource Monitoring Using Virtual Ring Navigation through Mobile Agent for
	Heterogeneity Oriented Inter-connected Nodes
	Rahul Singh Chowhan and Rajesh Purohit
115	A New Approach of Learning Based on Episodic Memory Model
	Rahul Shrivastava and Sudhakar Tripathi
124	Patch Based Feature Extraction Algorithm for Mammographic Cancer Images
	Rajasree P M and Anand Jatti
128	A Practical Implementation of Optimal Telecommunication Tower Placement Strategy

	Using Data Science
	Harsh Agarwal, Bhaskar Tejaswi, and Debika Bhattacharya
130	Segmentation and Detection of Lung Cancer Using Image Processing and Clustering Techniques
	Preeti Joon, Shalini Bhaskar Bajaj, and Aman Jatain
131	A Tree Based Graphs Coloring Algorithm Using Independent Set
	Harish Patidar and Prasun Chakrabarti
135	Low Complexity MPN Preemption Policy for Real Time Task Scheduling
	Kiran Arora, Savina Bansal, and Rakesh Bansal
138	A Non-autonomous Ecological Model with Some Applications
	Jai Prakash Tripathi, Vandana Tiwari, and Syed Abbas
140	A Hybrid Model for Mining and Classification of Gene Expression Pattern for Detecting
	Neurodegenerative Disorder
	S. Geeitha and M. Thangamani
142	On Algebraic Characterization of IF-automata
	Vijay K. Yadav, Swati Yadav, M. K. Dubey, and S. P. Tiwari
146	Efficient Traffic Management on Road Network Using Edmonds-Karp Algorithm
	Rajalakshmi V and Ganesh Vaidyanathan S
150	Social Trust Analysis: How your behavior on the web determines reliability of the
	information you generate?
	Sukthanker Rhea Sanjay and Saravanakumar K.
152	Quadrature Synchronization of Two Van der Pol Oscillators Coupled by Fractional Order
	Derivatives
	Aman Kumar Singh and R. D. S. Yadava
155	Prevention of Replay Attack Using Intrusion Detection System Framework
	Mamata Rath and Binod Kumar Pattanaik
162	Automatic Emotion Classifier
	Nida Hakak, Mahira Kirmani, Mudasir Ahmed Muttoo, and Mohsim Mohd
168	Appending Photoplethysmographic Signal as a security key for encryption of Medical
	Image using Watermarking Technique
	Vidya M J and Padmaja K V
173	A Correlative Study of Contrary Image Segmentation Methods Appending Dental
	Panoramic Xray Images to Detect Jawbone Disorders
	Veena Divya. K, Anand Jatti, Revan Joshi, and Deepu Krishna S.
174	A New Deterministic Method of Initializing Spherical k-means for Document Clustering
407	Iti Sharma, Fatima Gulnashin, and Harish Sharma
185	Energy Harvesting Based Two Hop Clustering for Wireless Mesh Network
100	Sudeep Tanwar, Shivangi Verma, and Sudhanshu Tyagi
189	Relating Vulnerability & Security Service Points for Web Application through Penetration
	Testing
107	Rajendra Kachhwaha and Rajesh Purohit
197	A Compact and High Selective Microstrip Dual band Bandpass Filter
20.6	Dwipjoy Sarkarand Tamasi Moyra
206	Evaluation of IoT-Based Computational Intelligence Tools for DNA Sequence Analysis in
	Bioinformatics
	Zainab Alansari, Nor Badrul Anuar, Amirrudin Kamsin, Safeeullah Soomro and
014	Mohammad Riyaz Belgaum
214	An Energy aware Coordination Mechanism for EH-WSAN
	Jagadeesh Kakarla

215	Hierarchical Autoconfiguration Scheme for IPv6 Based MANETs
213	Reshmi TR
217	A Simulation Study: LMI based Sliding Mode Control with Attractive Ellipsoids for
217	Sensor less Induction Motor
	Deepika Sharma, Shiv Narayan, and Sandeep Kaur
227	Design and Implementation of Autonomous UAV Tracking System Using GPS and GPRS
,	Devang Thakkar, Pruthvish Rajput, Rahul Dubey, and Rutu Parekh
244	Mobile Robot Navigation in Unknown Dynamic Environment Inspired by Human
	Pedestrian Behavior
	Nayan M. Kakoty, Mridusmita Mazumdar, and Durlav Sonowal
259	Sentiment Analysis of Tweets through Data Mining Technique
	Taranpreet Singh Ruprah and Nitin Trivedi
262	Mobility Predication for Dynamic Location Area in Cellular Network Using Super Vector
	Regression
	Nilesh B. Prajapati and Dhaval R. Kathiriya
266	On the Category of Quantale Semimodules
	M. K. Dubey, Vijay K. Yadav, and S. P. Tiwari
270	Learners' Player Model for Designing an Effective Game Based Learning
	Lamyae Bennis, Said Benhlima, and M.Ali Bekri
271	Improvements in Crowd Estimation Algorithm for High Density Crowd Analysis
	Aakash Bansal, Shivam Sehgal, and Gitansh Anand
282	UPLBSN: User Profiling in Location Based Social Networking
	Vasanthakumar G U, Ashwini G R, Srilekha K N, Swathi S, Ankita Acharya, P Deepa
	Shenoy, and Venugopal K R
289	Classification of Spam Email Using Intelligent Water Drops Algorithm with Naïve Baye's
	Classifier
	Maneet Singh
293	Efficient Data Deduplication for Big Data Storage Systems
207	Naresh Kumar
305	Object Surveillance Through Real-Time Tracking
220	Mayank Yadav and Shailendra Narayan Singh
320	An Improved Bio Inspired BAT Algorithm for Optimization
	Gopal Purkait, Dharmpal Singh, Madhusmita Mishra, Amrut Ranjan Jena, and Abhishek
226	Banerjee L. C. C. L. L. C. L. L. L. L. L. C. L.
326	Image Quilting for Texture Synthesis of Gray-scale Images Using Gray Level
	Cooccurrence Matrix and Restricted Cross-correlation
327	Mudassir Rafi and Sushanta Mukhopadhyay Saliency Detection in Text Documents using Policy- Driven Reinforcement Learning
321	Methodologies
	Pradeep Singh Chouhan and Gaurav Meena
328	Improved (k,n) Visual Secret Sharing based on Random grids
320	Pritam Kumari and Rajneesh Rani
332	Efficient Motion Encoding Technique for Activity Analysis at ATM Premises
JJ2	Monika Pandey, Vikas Tripathi, Vishal Sanserwal, and Prateek Bajaj
335	Handover between Wi-Fi and WiMAX Technologies Using GRE Tunnel
ردر	Aroof Aimen, Saalim Hamid, Suhail Ahmad, Surinder Singh Khurana, Mohammad Ahsan
	Chisti, and Amandeep Kaur
338	Web Services Regression Testing through Automated Approach
330	Divya Rohatgi and Gyanendra Dwivedi
	Divya Romagi ana Oyanchara Divivear

341	Evaluation of Neuropsychological Tests in Classification of Alzheimer's Disease
341	Vinutha N, Jayasudha R, Inchara K S, Hajira Khan, Sonu Sharma, P Deepa Shenoy,
	Venugopal K R
346	Tongue Recognition and Detection
340	Divya Meena and Ravi Saharan
349	Primitive feature-based Optical Character Recognition of the Devanagari Script
347	Richa Sharma and Tarun Mudgal
350	Performing Interest Mining on Tweets of Twitter Users for Recommending Other Users
330	with Similar Interests
	Richa Sharma, Shashank Uniyal, Vaishali Gera
353	Strategies for inducing Intelligent Technologies to enhance last mile connectivity for
	Smart Mobility in Indian cities
	Moushila De, Shailja Sikarwar, and Vijay Kumar
361	Coplanar Waveguide UWB Bandpass Filter Using Defected Ground Structure and
301	Interdigital Capacitor
	Pratibha Verma, Tamasi Moyra, Dwipjoy Sarkar, Sarbani Sen, and Dharmvir Kumar
362	Population Dynamics Indicators for Evolutionary Many-Objective Optimization
	Raunak Sengupta, Monalisa Pal, Sriparna Saha, and Sanghamitra Bandyopadhyay
363	Classification of Electrical Home Appliances Based on Their Harmonic Content Using
	ANN
	Bighnaraj Panda, Madhusmita Mohanty, and Bidyadhar Rout
373	Brain Visual State Classification of fMRI Data Using Fuzzy Support Vector Machine
	Kavitha Srinivasan, Bharathi B, Pravish S, and Purushothaman S.S.
374	Securing Healthcare Information over Cloud Using Hybrid Approach
	Kirit Modi and Nirali Kapadia
378	Reducing Time Delay Problem in Asynchronous Learning Mode Using Metadata
	Barsha Abhisheka and Rajeev Chatterjee
386	SageX: A CAD tool for Brain Tumor Classification
	Monika, Rajneesh Rani, and Aman Kamboj
388	EKRV: Ensemble of kNN and Random Committee Using Voting for Efficient
	Classification of Phishing
	Niranjan A, Haripriya D K, Pooja R, Sarah S, P Deepa Shenoy, Venugopal K R
389	Enhanced Digital Video Watermarking Theme Using DWT and Gaussian Filter: Study
	against Geometric Attacks
	Rashmi Jakhmola and Rajneesh Rani
391	Sample Entropy based Selection of Wavelet Decomposition Level for Finger Movement
	Recognition Using EMG
	Nabasmita Phukan and Nayan M Kakoty
393	A Novel Approach for Data Hiding with Random LSB Steganography
	Khalil Ahmed and Jasleen Kour
399	Skin Detection using Hybrid Colour Space of RGB-HCMYK
	P. Shanmugavadivu and Ashish Kumar
400	Intelligent Mobile Agent Framework for Searching popular e-Advertisements
	Roopa G M and Nirmala C R
401	A Proposed System for Prediction of Coronary Heart Disease Using Raspberry Pi 3
	Chailtali Chandankhede,, Aishwarya Bogam, Shreya Patankar, Sahas Parimoo, and
	Pulkit Jain
407	Multi Header Pulse Interval Modulation (MH-PIM) for Visible Light Communication
	System

	Sandip Das and Soumitra Mandal
415	A Bayesian Approach for Flight Fare Prediction based on Kalman Filter
413	Abhijit Boruah, Kamal Boruah, Biman Das, Manash Jyoti Das, and Niranjan Borpatra
	Gohain
428	Improved forecasting of CO2 emissions based on an ANN and Multiresolution
	Decomposition
	Lida Barba and Nibaldo Rodríguez
437	Standardization of Intelligent Information of Specific Attack Trends
	Ashima Rattan, Navroop Kaur, and Shashi Bhushan
444	Text-to-Speech Synthesis System for Mymensinghiya Dialect of Bangla Language
	Afruza Begum, S Md S Askari, and Utpal Sharma
454	Simulation of Analytical Chemistry Experiments on Augmented Reality Platform
	Ishan R. Dave, Vikas Chaudhary, and Kishor P. Upla
455	Clustered Support Vector Machine for ATM Cash Repository Prediction
	Pankaj Kumar Jadwal, Sonal Jain, Umesh Gupta, and Prashant Khanna
469	An Effective Intrusion Detection System Using Flawless Feature Selection, Outlier
	Detection and Classification
	Rajesh Kambattan Kovarasan and Manimegalai Rajkumar
475	Cryptanalysis on Digital Image Watermarking based on Feature Extraction and Visual
	Cryptography
10.1	NehaShashni, Ranvijay, and Manijer Yadav
484	A Novel LtR and RtL Framework for Subset Feature
	Selection (Reduction) for Improving the Classification Accuracy
407	Sai Prasad Potharaju and M. Sreedevi
487	Gradient-based Swarm Optimization for ICA
491	Rasmikanta Pati, Vikas Kumar, and Arun K Pujari
491	Order Reduction of Discrete System Models Employing Mixed Conventional Techniques and Evolutionary Techniques
	Prabhakar Patnaik, Lini Mathew, Preeti Kumari, Seema Das, and Ajit Kumar
501	Design of a Compact Ultra-Wideband Bandpass Filter Employing Defected Ground
301	Structure and Short Circuited Stubs
	Sarbani Sen and Tamasi Moyra
504	Spoofing Security Approach for Facial Biometric Data Authentication in Unconstraint
201	Environment
	Naresh Kumar and Aditi Sharma
507	Crop Suitability and Fertilizers Recommendation using Data Mining Techniques
	Archana Chougule, Vijay Kumar Jha, and Debajyoti Mukhopadhyay
514	Empirical Evaluation of Inference Technique for Topic Models
	Pooja Kherwa and Poonam Bansal
519	Improved SLReduct Framework for Stress Detection using Mobile Phone Sensing
	Mechanism in Wireless Sensor Network
	Prabhjot Kaur and Sheenam Malhotra
525	Performance Analysis of Wireless Sensor Network in the Presence of Wormhole Attack
	Manish Patel, Akshai Aggarwal, and Nirbhay Caubey
532	MCC and Big Data Integration for Various Technological Frameworks
	Praveen Kumar Singh, Rajesh Kumar Verma, and Joy Lal Sarkar
540	Action Recognition Framework based on Normalized Local Binary Pattern
	Shivam Singhal and Vikas Tripathi
544	Challenges to Cloud PLM Adoption

	Shikha Shukla Singh and Subhas Chandra Misra
547	GPU based Approach for Human Action Recognition in Video
	Vikas Tripathi, Vaishali Dabral, Pooja Sharma, Ishita Dutta
556	Millimeter Wave (MMW) Communications for Fifth Generation (5G) Mobile Networks
	Umar Farooq and Ghulam Mohammad Rather
560	Enhancements to Randomized Web Proxy Caching Algorithms Using Data Mining
	Classifier Model
	Julian Benadit.P, Sagayarj Fancis.F, and James Raj. A.M
564	Extraction and Classification of Liver Abnormality Based on Neutrosophic and SVM
	Classifier
	Jayanthi Muthuswamy
567	MBA: Mobile Cloud Computing Approach for Handling Big Data Applications
	Rajesh Kumar Verma, Chhabi Rani Panigrahi, Ramasamy V, Bibudhendu Pati, and
	Krishna Prasad P. E. S. N.
570	Mobility Paradigm through Software Defined MANETs
	Jyotsna Verma and Nistha Kesswani
571	Implementing Time-Bounded Automatic Test Data Generation Approach based on Search
	Based Mutation Testing
	Shweta Rani, Hrithik Dhawan, Gagandeep Nagpal, and Bharti Suri
589	Improving Accuracy of Short Text Categorisation Using Contextual Information
	Vasantha Kumar, S. Sendhilkumar, and G.S. Mahalakshmi
590	Medicinal Plant Information Extraction System: A Text Mining Based Approach
	Niyati Kumari Behera and G.S.Mahalakshmi
610	An Efficient Task Consolidation Mechanism for Minimizing Energy Consumption in
	Cloud
	Sanjay Kumar Giri, and Joylal Sarkar
611	Smart HIV/AIDS Digital System Using Big Data Analytics
	Ramasamy V., Gomathy B, and Rajesh Kumar Verma
612	Applications of Smart HIV/AIDS Digital System Using Hadoop Ecosystem Components
	Ramasamy V., Gomathy B, and Rajesh Kumar Verma
618	Machine Intelligent Classification on Health Care Data
	R.Usha Rani and Jagadeesh Kakarla