2018 Second International Conference on Computing Methodologies and Communication (ICCMC 2018)

Erode, India
15-16 February 2018

IEEE Catalog Number: CFP18K25-POD
ISBN: 978-1-5386-3453-0

Copyright © 2018 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number: CFP18K25-POD
ISBN (Print-On-Demand): 978-1-5386-3453-0
ISBN (Online): 978-1-5386-3452-3

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

2nd International Conference on Computing Methodologies and Communication

(ICCMC 2018)

Table of Contents

S.No	Paper Title/Author Names	Page.No
1	Structural Efficiency of Indian Automobile Industry: A Stochastic Frontier Analysis **Lakkaraju Manoj, Amalendu Jyotishi**	N/A
2	OCR based Speech Synthesis System using Labview **Mullani.J.J, Sankar M, Khade Priyanka S ,Sonalkar Snehal H ,Patil Nikita L**	7
3	Temperature sensing dynamic autonomous robot with video streaming capability **Ishani Mondal, Sombuddha Chatterjee**	N/A
4	An Efficient Algorithm to Detect Credit Card Usage by an Anomalous User **S.Kalarani**	N/A
5	An Overview of Primary User Emulation Attack in Cognitive Radio Networks **Ishu Gupta, O. P. Sahu**	27
6	An Analytic Survey on MapReduce based K-Means and its Hybrid Clustering Algorithms **Utkarsha Bagde, Priyanka Tripathi**	32
7	Critical Analysis of Sybil Attack Detection Techniques with its Countermeasures **Ankita S. Koleshwar, S. S. Sherekar, V. M. Thakare, A. V. Kanhe**	N/A
8	Efficient Static Load Balancing Algorithms in Cloud Computing Enviroment **Manikandan, Pravin**	N/A
9	Study on Recommender System using Fuzzy Logic **Dinesh Kumar Yadav, Rahul Katarya**	50
10	Congestion Control Mechanism in Software Defined Networking by Traffic Rerouting **Akash Srikanth, P.Varalakshmi, Vignesh Somasundaram, Pavithran Ravichandiran**	55
11	An overview and an Approach for Graph Data Processing using Hadoop MapReduce **Pooja P. Talan, Kartik U. Sharma**	59
12	Multilayered Risk analysis of Mobile systems and Apps **Rahul Katarya, Chhavi Jain**	64
13	A Review on various Speckle Filters used for despeckling SAR images **Sriparna Banerjee, Sheli Sinha Chaudhuri**	68
14	Data Analysis of Consumer Complaints in Banking Industry using Hybrid Clustering **Surbhit Chugani, Govinda.K, Somula Ramasubbareddy**	74
15	Machine Learning based Twitter Spam Account Detection: A Review **Shivangi Gheewala, Rakesh Patel**	79
16	A Modern Approach for Load Balancing using Forest Optimization Algorithm **Subasish Mohapatra, Ishan Aryendu, Anshuman Panda, Aswini Kumar Padhi**	85
17	Rectangular Microstrip Patch Antenna at ISM Band **Salai Thillai Thilagam.J, Ganesh Babu T.R**	91
18	Internet of Vehicles: An Innovation to Establish Reliable Routing in Vehicular Ad hoc Networks **M.Abhilash Kumar, A. Rama Mohan reddy, V. Pranaya, V. Joshitha**	96
19	Mind Reader : A Facial Expression and EEG Based Emotion Recognizer **Md. Asibul Islam, Amir Hamza, Md.Hasibur Rahaman, Juthika Bhattacharjee, Md. Mahbubur Rahman**	101
20	Identification Of User Preference by Sequential Pattern Mining and Recommendation of Products using Geo-tagged data **R .Sujithra Kanmani, V.Uma**	108

S.No	Paper Title/Author Names	Page.No
21	A Review of Image Fusion Techniques **Karishma C Bhataria, Bhumika K Shah**	114
22	Cloud computing-Approch, Structure and Security **Varsha Anup Jujare**	124
23	Detection of Brain Tumor Using Otsu-Region Based Method of Segmentation **Sahebgoud H Karaddi1, P. AshokBabu, Rama Krishna Reddy**	N/A
24	Temperature & Humidity Control By Using Neural Network For Oyster Mushroom Cultivation **Dnyaneshwari Gajbhiye, Kavita Joshi, Madana Mekala**	N/A
25	EAACK - Enhanced Adaptive Acknowledgment **Sanju V,Gagana Venu, Reenu Sara Joseph, Mariya Stephen, Melvin Mathew**	140
26	SMART FARMING: SENSING TECHNOLOGIES **S.S.Sarmila, S.R.Ishwarya, N.B.Harshini, C.R.Arati**	N/A
27	Optimization of N+ hetero pocket doped Dual metal Vertical TFET **Wangkheirakpam Vandana Devi, Brinda Bhowmick**	156
28	Security Enhancements for High Quality Image Transaction with Hybrid Image Steganography Algorithm **Shipra Bharti, Sunny Behal, Vishal Sharma**	162
29	Standard Access for Research to Feat Spatial Time-Based Data Using RFID and Sensors **Vikram S.Kamadal, D.Punniamoorthy, B.Srujana Yadav, K.Poornachary, V.Sriram Reddy**	N/A
30	Optimizing User Connection and Data Transfer within a Network **Krishna Teja Reddy, Mohit Chaubey, N. Jeyanthi**	173
31	IMPROVE THE LEARNING OUTCOME OF M-LEARNERS USING SELF-LEARNING CLASSIFIER - PROTOYPE MODEL **M. Mohammed Thaha, C.Jayakumar**	N/A
32	RBF Neural Network Controller In Shunt Active Power Filter **Pratap Sekhar Puhan, Sandeep S.D, G. Suresh Kumar**	N/A
33	Data mining algorithms for Recognition and Codification of Glandular Disorder **Priyanka Ajetrao, Bhagyashri Asodekar, Amrita Chavan, Rupali Bhondve, K. Rajeswari**	N/A
34	FPGA Implementation of USB 3.1 Physical Coding Layer **Bhaskara Rao Jammu, Ravi Teja N.V.S Chappa, Maheswari Adimulam, Nalini Bodasingi**	N/A
35	A User-Friendly Low-Cost Mobile App Based Home Appliance Control And Circuit Breaker **Rafiunnisa, Arafat Muhammad Shams, Hasan U. Zaman**	203
36	A new Authentication Strategy for Multiservice Authorization over Cloud **Falesh M. Shelke, Roshan R. Bhure, Abhishek Ladole**	N/A
37	Intelligent and Novel Algorithm for Securing Vulnerable users of Online Social Network **Revathi.S, M.Suriakala**	214
38	STORE WHEN BLOCKED AFTER FAIR PRIORITIZED PREEMPTION (SBFPP) PROTOCOL FOR NON BLOCKING OPTICAL BURST SWITCHED NETWORKS **Jitendra Kumar Tripathi, R.K.Singh**	220
39	An efficient approach of image restoration using mean intensity Correlation of neighboring pixels **Nazia Hossain, Nazifa Anis, Amdadul Haque, Naresh Singh Chauhan**	225
40	Performance Estimation of Path Loss Models in 4G Systems **Ch.Usha Kumari, Padmavathi Kora**	N/A

S.No	Paper Title/Author Names	Page.No
41	Identification of Duplicate Frame In CCTV DVR by Correlation Coefficient Factor **JavedAkhtar Khan**	235
42	System Identification of a Temperature Control Process using Open Loop and Closed Loop methods N**upoor Patil, Rishikesh G. Datar, D. R. Patil**	240
43	Terminal Sliding Mode Control for Robot Manipulator using RBFNN **Naveen Kumar, Ruchika**	N/A
44	Smart IoT based Energy Metering System for Microgrids with Load Management Algorithm **Koel Roy, Vasudeva Banninthaya K, Shivu M Prabhu, Arun Koomar, Disha Karnataki, Ganesh Shankar**	252
45	Encountering SQL Injection in Web Applications **Joshi Padma N, M. B. Raju, N. Ravishankar, N.CH. Ravi**	257
46	Inspecting Access Controls in Cloud Based Web Application **N.CH. Ravi, M. Naresh Babu, V.Kamakshi Prasad, R. Sridevi, A. Govardhan, Joshi Padma N**	262
47	MPP tracking using IS controller based SEPIC converter **Prutha G, Anitha G S**	270
48	A comparative approach of PSO and ABC algorithm for optimal positioning and capacity sizing of DG and Shunt Capacitor in a Distribution network using DLF algorithm **Ayan Kumar Tudu, Amrita Bhaumik**	276
49	A Comprehensive Analysis of Traditional Clustering Algorithm On Corporate Bond Data **Utkarsha Bagde, Priyanka Tripathi**	281
50	A STUDY ON MODELING AND SIMULATION OF PHOTOVOLTIC ARRAYS USING SINGLE DIODE METHOD **Shreya Shah, Sapna Gupta, Sonali Hole, Preeti Singh, Praful Chudasama**	N/A
51	Protecting Privacy in Cloud Computing by using Wireless Sensor Networks **Ravi Bolleddula, P Surya Chandra**	N/A
52	Analysis of Heart Rate Variability in Biometric Identification **Vanita Somnath Jadhav, Nagsen Bansod, K. V. Kale**	N/A
53	Anonymous User Authentication and Implicit Background Checks in Cloud Environment **Aashi Rastogi, Swadha Vanikar, N. Jeyanthi**	305
54	Challenges and Protocols for P2P applications in Multi-hopWireless Networks **Mahendra Singh,Chiranjeev Kumar, Prem Nath**	310
55	A new trained ECG signal Classification method using Modified Spline Activated Neural Network **Ganesh Kumar R**	N/A
56	Performance Evaluation of Face Recognition System using various Distance Classifiers **Preeti, Dinesh Kumar**	322
57	Android based College Campus App **Shiv Kumar, Shrawan kumar Sharma,Divya Dagwar**	328
58	Web Slicing Incorporating Component- Oriented Programming **Niharika Pujari, Abhishek Ray, Jagannath Singh**	334
59	Activity Detection from Wearable Electromyogram Sensors using Hidden Markov Model **Rinki Gupta, Karush Suri**	340
60	Review Paper on Novel Recommendation **Kinjal N. Gharia, Palak V. Desai, Monali R.Gandhi**	N/A
61	Design and analysis of SVC using System Identification **Anjum Tamboli, D.R.Patil**	349

S.No	Paper Title/Author Names	Page.No
62	Solar Based Automated Plant Watering BOT **Harikumar Rajaguru, Susheel R N**	N/A
63	Web Effort Estimation Using FP and WO: A Critical Study **Syed Mohsin Saif, Abdul Wahid**	357
64	INTELLIGENT EDGE DETECTION IN ABDOMEN ULTRASOUND IMAGE **Harikumar Rajaguru,Rithanyhaa R E**	N/A
65	Intelligent Approach to Detect Human Liver Cancer in Abdominal CT Scan **Harikumar Rajaguru,Sandhiya Athiraj**	N/A
66	Detection of Power System Harmonics Using NBPSO Based Optimally Placed Harmonic Measurement Analyser Units **Islam, P Balamurali Krishna,Pampa Sinha**	369
67	Genetic Sequence Alignment: A Comparative Study of Methods **Monika R. Agarwal, Anuja V. Bhujbal, Jyoti K. Chabria, Ketaki A. Lolage, Govind S. Pole, Nuzhat F. Shaikh**	374
68	DEVELOPMENTS IN ULTRAWIDEBAND(UWB) ANTENNAS **Piyush Sharma, Arti Vaish**	N/A
69	Evaluating the Usability and Learnability of the “Blackboard” LMS Using SUS and Data Mining **Khalid Al-Omar**	386
70	Review report on the Effects of anisotropic and inhomogeneous permittivity on electromagnetic wave propagation **Arti Vaish**	N/A
71	Multiple Sensitive Attributes Based Privacy Preserving Data Publishing **Jasmina N. Vanasiwala , Nirali Nanavati**	N/A
72	Application Based Study of SAW Sensors **Ameena Anas, Resmi R**	N/A
73	DETECTION OF HEPATITIS VIRUSES (HBV, HAV, HCV) IN SERUM USING MEMS BASED BIO-SENSOR **Nireekshith.Yarraguntla, Naveena Tirumala, Syed.Shameem**	405
74	Environmental Kuznets Curve in the Context of Solid Waste Generation **Sachin M Varriar, Sriram N, Amalendu Jyotishi**	N/A
75	A Fault Resistance Compensation Algorithm Based on a Digital Distance Relaying Scheme **H.M.Abdelsalam, A.M.Abdin , M.A.Badr**	415
76	Runtime Analysis on Open Source Technologies **Naresh Babu Muppalaneni, Chilaka Pavan, G Sai Nithin, Koppa Sai Teja, Kamalapati Yugendhar**	422
77	Enhanced Hopfield Neural Network with Edge Preserving (EHNN-EP) based severity diagnosis of Ductal Carcinoma in Situ (DCIS) **Mercy Helen S, Thangavel Palaniappagounder**	426
78	Performance Enhancement Mechanism for TORA using Load Balancing Policy in MANET **Arpita Sukhadiya, Rajan Patel, Nimisha Patel**	N/A
79	A Strategic Genetic Algorithm for Resource Allocation in LTE Uplink Netwoks **Leeban Moses, Srisakthi Karthikeyan**	436
80	Cloud Assisted Adaptive Priority Scheduling using Deadline Based Reservation Strategy for VANET **Dhara Patel, Rajan Patel, Nimisha Patel**	N/A

S.No	Paper Title/Author Names	Page.No
81	A Heuristic Approach of Sorting using Linked List **Shruti Rishabh Pandey**	446
82	Multi-input Inverter for Hybrid Wind-Photovoltaic Standalone System **Archana N, Anupamma K**	451
83	GREY WOLF OPTIMIZATION ALGORITHM FOR MAXIMUM ANNUAL SAVINGS IN RADIAL DISTRIBUTION SYSTEMS **C Hari Prasad, K.Subbaramaiah, P. Sujatha**	N/A
84	Study of Sensitivity Analysis in BAW Based Sensors **Gayathri K.S, Resmi R**	N/A
85	A computer vision approach to diagnose Parkinson Disease using Brain CT Images **Joyjit Chatterjee, Ayush Saxena, Garima Vyas, Anu Mehra**	463
86	Contemporary Encryption Technique for Images using CLEFIA **Jeba Nega Cheltha. C, Rajan Kumar Jha, Mohit Jain, Prahlad Kumar Sharma**	468
87	Emotion Recognition System based on EEG signal: A Comparative Study of Different Features and Classifiers **Mitul Kumar Ahirwal, Mangesh Ramaji Kose**	472
88	Data Delivery on Internet of Things: A Survey on Different Technique and Architecture **Parth Brahmbhatt, Rajan Patel**	N/A
89	Underwater Sensor Network (UWSN): A Comprehensive Survey on various Applications **Abdul Rahim,K Raghavender**	N/A
90	A NOVEL APPROACH TO THE LEARNING OF VINCULUM NUMBERS IN TWO'S COMPLIMENT METHOD FOR BCD ARITHMETIC **G.Sreelakshmi, Kaleem Fatima, B.K.Madhavi**	486
91	Performance Evaluation of Load Balancing Algorithms in Hadoop **Surbhi, Oshin, Mahesh Chandra Bhatt**	491
92	Configuration of FPGA Through Internal Configuration Access Port **Asha Jadhav, Pravin N. Matte, Pranav Chippalkatti**	N/A
93	A Novel Approach for Generation of Optimized Image Index for Very Large Database **Bhagatsing D. Jitkar, S. D. Raut**	500
94	EFFECTIVE DoS INTRUSION DETECTION SYSTEM USING NSL-KDD **M.Manisha, K.S.Dhanalakshmi**	N/A
95	VPN: a Boon or Trap? **Zhang Zhipeng, Sonali Chandel, Sun Jingyao, Yan Shilin, Yu Yunnan, Zang Jingji**	510
96	Brain MRI Image Classification using Image Mining Algorithms **Vaibhavi Solanki, Ms. Vibha Patel, Supriya Pati**	516
97	Sequential Classification By Using Interesting Patterns **Lina Tulshidas Baviskar , Pramod B. Gosavi**	N/A
98	Implementation of 32-Bit Arithmetic Logic Unit on Xilinx using VHDL **Nayak, Subramanya G**	N/A
99	Design and implementation of 64 bit ALU for Embedded system of 3D Printer **Pavitra D, Bore Gowda S.B**	N/A
100	Automated and Cloud enabling Cyber Security Improvements in Selected Institutions/Organizations **Tilalun Ayalew Tareke, Sujoy Data**	533
101	Secure Communication and Implementation Technique for Sybil Attack in Vehicular Ad-Hoc Networks **Mukesh Soni, Anuj Jain**	539
102	Attendance and Security Assurance using Image Processing **Raisha Shrestha, Saurav Man Pradhan, Rahul Karn, Suraj Shrestha**	544

S.No	Paper Title/Author Names	Page.No
103	An Intensity Threshold based Image Segmentation of Malaria Infected Cells **Prakriti Aggarwal, Ashish Khatter, Garima Vyas**	549
104	PMD Monitoring and Compensation of NRZ System by Regenerated Higher RF Tone Harmonics **Kazi Abu Taher, Naresh Singh Chauhan**	N/A
105	Developing a Secure Cyber Ecosystem for SCADA Architecture **Sanjay Kumar, Niharika Gaur, Aditya Kumar**	559
106	A review and an approach for FPGA based Real Time Scheduling **Pravin Shankarrao Choudhary, M. S. Ali**	N/A
107	Small Signal Analysis of two Alternators Connected in Parallel with Grid Integrated **Abhaykumar D Janaj, Diwakar R Joshi**	N/A
108	An Overview and an Approach for Real-Time Scheduling **Rutuja A. Gulhane, Rupali A. Meshram, Kartik U. Sharma, Piyush A. Ajmire**	N/A
109	Colour Identification for Assisting Visually Impaired Person **Poonam Shivaji Jamuni, Sangam Borkar**	N/A
110	Analysis of Multicarrier Switching Techniques for Nine Level Inverter **Kamlesh D Wanjari, Prachi A. Salodkar, Manoj A. Waghmare**	577
111	Asymmetrical Two-Phase Induction Motor Using Two-Leg Voltage Source Inverter (VSI) **Gaurav R Ingle, Sheetal V Umredkar**	582
112	Feature based Composite Approach for Sarcasm Detection using MapReduce **Krishna Parmar, Nivid Limbasiya, Maulik Dhamecha**	587
113	Optimizing Multi Objective Based Dynamic Workflow Using ACO and Black Hole Algorithm in Cloud Computing **Archana N. Jethava, Megha R. Desai**	N/A
114	Fibonacci Series Based Transition Reduction Dynamic Sector CODEC Design **N.Chintaiah, G.Umamaheswara Reddy**	596
115	Resource Allocation and Scheduling Methods in Cloud- A Survey **Aicy Ealiyas , S P Jeno lovesum**	601
116	PARTS OF SPEECH TAGGING FOR KONKANI LANGUAGE **Diksha N. Prabhu Khorjuvenkar**	605
117	Comparative Analysis of Latest Task Scheduling Techniques in Cloud Computing environment **Anushree B, Arul Xavier V M**	608
118	DETECTION OF COMPROMISED ACCOUNTS IN ONLINE SOCIAL NETWORK **Sneha Rane, Megha Ainapurkar, Ameya Wadekar**	612
119	Review Report on Circular and Trapezoidal Toothed Log Periodic Antenna **Arti Vaish, Sandeep Gulia**	N/A
120	Design and Analysis of Broadband Two Layer Microstrip Patch Antenna **Arti Vaish, Sandeep Gulia**	618
121	Design and Analysis of Decoupled Multiband Dual Antenna for Wireless Applications **Parisa Jwalitha, A.Nagasree, B.Lavanya, Ch.Yamuna , K.Vanitha Jyothi**	N/A
122	Use of CoAP Application Layer protocol of 6LoWPAN network in Smart Parking **Rohit Shinde, Sharwari Solapure**	N/A
123	Improving existing 6LoWPAN RPL for content based routing **Madhavi Shirbhate, Sharwari Solapure**	632
124	Design & Performance Analysis of Low Power 1-bit Full Adder at 90 nm node using PTL Logic **Shibam Swarup Das, Ruby Mishra, S. K. Mohapatra**	636

S.No	Paper Title/Author Names	Page.No
125	Optimized Method for K-Nearest Neighbors (KNN) using Novel Clustering Algorithm and Big Data Framework **Harsha Kalwankar, Dong Ryeol Shin**	N/A
126	Evaluating Document Analysis with KNN based Approaches in Judicial Offices of Bangladesh **Aminul Islam, Md. Jahidul Haque**	646
127	Analyzing Load on Cloud: A Review **Shalu Mall, A.K.Sharma**	651
128	Study of Routing Protocol Using Key Management in Wireless Sensor Network **Sonali Pandey, Rakesh Kumar**	654
129	Security in Cache Memory:Review **Nishtha, Smt. Meenu**	659
130	Data acquisition System using Wireless technology inside Conduction chamber **Jaimish C Patel, Rahul M Patel, Snehal M Patel**	663
131	A Study on Recommendation System using MapReduce Technology **Krupa Dobaria, Maulik Dhamecha, Girish Mulchandani**	N/A
132	Impact of Semiotics on Multidimensional Sentiment Analysis on Twitter: A Survey **Darsha Chauhan, Kamal Sutaria, Rushabh Doshi**	671
133	IMPLEMENTATION OF AN EFFICIENT NOISE AND AIR POLLUTION MONITORING SYSTEM USING IOT **Calvin D"Souza, Darren Pais, Manali Nagwekar, Renita Alva, Gejo George**	N/A
134	IOT BASED RAILWAY DISASTER MANAGEMENT SYSTEM **Khivsara B.A, Gawande Pooja, Sonawane Kishor, Dhanwate Mayuri, Chaudhari Trupti**	680
135	Severity Assessment of Lymph Nodes in CT Images using Deep Learning Paradigm **Hitesh Tekchandani, Shrish Verma, Narendra D. Londhe**	686
136	Innovative Approach For Identification Of Suspicious Images **Akshay Bhavsar, Jitin Nair, Abhishek Upadhyay, Dnyaneshwar Bhabad**	692
137	Image De-noising Based on Nature Inspired Optimization Algorithm **Neha Bharti, Subhash Chandra**	697
138	Vehicle Controlling System Based on CAN Bus **Karbasappa S Tandure, Altaf Mulani**	N/A
139	OTP BASED CIRCUIT BREAKER FOR ELECTRIC LINE MAN SAFETY **Shubham Nitin Jadhav, Praful Vilas Gurav, Pundalik Madan Manjarekar, Makrand Madan Rawool, Abhijeet Sanjay Mlandkar, Shubham Bhaskar Kelkar**	N/A
140	Enhanced Cooperative Tamper Evident Agent Based Anomaly Intrusion Detection In Ad Hoc Networks **P.Sreenivsulu, K.Ramesh Reddy**	N/A
141	IMPLEMENTATION OF THE STANDARD FLOATING POINT MAC USING IEEE 754 FLOATING POINT ADDER **R. Prakash Rao, K. Naveen, N. Dhanunjaya Rao, P. Ramya**	717
142	Survey on Human-Robot interaction and confrontation on Programming & Task Planning **Rahul Neware, Amreen Khan**	N/A
143	Arduino Based Home Automation Control Powered by Photovoltaic Cells **Apurva Singh, Harsh Mehta, Anuj Nawal, O.V. Gnana Swathika**	729
144	Secure Multicast Routing for Wireless Sensor Networks using ACO-AODV with DHKE Cryptosystem **Sreevidya R C, Nagaraja G S**	733

S.No	Paper Title/Author Names	Page.No
145	Useful Tips and Tricks on Digital Data Processing with Discrete Fourier Transform **Bokkisam Sindhura, S.Ashwin, G.Rajkumar, V.Elamaran, M. Sankar**	738
146	Biometrics Secured Voting System with Finger Print, Face and Iris Verification **Kavitha.S.N, Shahila.K, Prasanna Kumar .S.C**	743
147	FPGA based RF Signal Generation for MRI Systems **Aditi S Deshpande, Imran Sheikh, Kranti Wagle, Dharmesh Verma**	N/A
148	Analysis of Induction Motor to Improve the Performance Using Floating H-Bridge Converter **Pravin Fagare,Tushar Dhamankar, Suraj Acharekar, Prajakta Pashte, Nilesh Patil, Kiran Patil**	N/A
149	Cluster Based Secure Routing Using Improved Ant Colony Optimization **A.Radhika, D.Haritha**	N/A
150	Classification of physical exercise intensity by using facial expression analysis **Salik Ram Khanal, Jaime Sampaio, João Barroso, Vitor Filipe**	765
151	A cellular Automata approach for noisy images edge detection under null boundary conditions **Atefe Aghaei**	771
152	**A Text Reader for the Visually Impaired using Raspberry Pi** I S Akila, Akshaya B, Deepthi S, Sivadharshini P	778
153	Analysis & Comparison Of Diode Clamped MLI, Flying Capacitor MLI & Cascade Multilevel Inverter Topologies **Madhuresh Sontakke, Ravindra Dhekane**	N/A
154	Bandwidth Efficient Emergency Message Operative Multicast Protocol in VANET **Harjivan preet Kaur, Amarpreet Singh**	N/A
155	Dual-band High-gain Metamaterial Based Resonant Cavity Antenna **Sourav Ghosh, Sudhakar Sahu**	794
156	Capacity Comparison of SISO, SIMO, MISO & MIMO Systems **Ashish Kumar Sarangi, Amlan Datta**	798
157	IoT Hybrid computing model for Intelligent Transportation System (ITS) **M. Swarnamugi, R. Chinnaiyan**	802
158	Comparative Analysis of Three Tank Level System using ECM and PSO **P. Srinivas, K. Vijaya Lakshmi**	N/A
159	Closed loop identification and effect of multiple datasets on parameter estimation **A Sumalatha, A Bhujanga Rao**	812
160	Improved Automatic Feature Selection Approach for Health Risk Prediction **Shreyal Gajare, Shilpa Sonawani**	816
161	Comparison of Signal-to-Noise Ratio of MST Radar data using Nonparametric and Semiparametric Algorithms **Raju C, Sreenivasulu Reddy T**	N/A
162	Machine Learning Based Drug Analysis using Linear Regression **Subhashini .G, V.Neelambary**	N/A
163	Reversible Data Hiding in MPEG2 Videos using Histogram Shifting **Manjunath Kamath K , R Sanjeev Kunte**	N/A
164	IOT Based Water Impurities Detection System **Chetan Lodha, Chetan Patil, Nikita Kochar, Priyanka Surana, Khivsara B.A**	N/A
165	Literature Survey on Reliable event detection in WSN using aggregation of data **Jesseline Annie Abraham, A. Felix Arokya Jose**	841
166	Arnold Scrambling based Optical Scanning Cryptography for Optical Communication **Roshan Varghese, Meril Cyriac, Sheeja M.K**	N/A

S.No	Paper Title/Author Names	Page.No
167	Big Data Analytics for Pro-active Resource Allocation through Anomaly Detection in Mobile Wireless Network **M.Blessa Binolin Pepsi,D.Balan, G.Rakhav Krishna, A.Esakki Raja**	N/A
168	Implementation of multilevel inverter based DVR **vishal vijay ghatge, Anjali v. naik**	856
169	Support vector machine based classification for epileptic seizure detection using wavelet features **Ponnu S S, Jisu Elsa Jacob**	N/A
170	INRUSH CURRENT DETECTION USING WAVELET TRANSFORM AND ARTIFICIAL NEURAL NETWORK **Prachi R. Gondane, Rukhsar M. Sheikh, Kajol A. Chawre, Vivian V. Wasnik, Altaf Badar, M.T.Hasan**	866
171	Political Sentiment Analysis through Social Media **Saurabh Dorle, Nitin Pise**	869
172	Review report on the Numerical Methods for electromagnetic wave propagation inside a waveguide **Arti Vaish**	N/A
173	Digitized City with IoT **Preeti Verma, Munmun Ghosal, Ankur Bobade**	877
174	Design and implementation of an industrial gateway:Bridging sensor networks into IoT **Aditi khandelwal, Ishita Agrawal, Malaserene I, S.Sankar Ganesh, Rajeev Karothia**	N/A
175	Soil Classification & Characterization Using Image Processing **Hement Kumar Sharma, Shiv Kumar**	885
176	Morphological and Neural Network Based Approach for Detection of Exudates in Fundus Images **Sangita Bharkad**	891
177	Adaption of big data, cloud, agile methods, android and latest management tools for software engineering environment: Guidelines through primary research **Neelakantappa B.B**	N/A
178	Data Migration of Relational Database into NoSQL Database **Krina Shah**	N/A
179	A Comparative Study of Outranking MADM Algorithms in Network Selection **K.S.S. Anupama, S. Sri Gowri, B. Prabakara Rao**	904
180	Designing a Brain Computer Interface Using EMOTIV Headset and Programming Languages **Ruida Zeng, Ajay Bandi, Abdelaziz Fellah**	908
181	Identifying Provenance of Information and Anomalous Paths in Attributed Social Networks **Hetuk Trivedi, P V Bindu, P Santhi Thilagam**	914
182	Mobility Paradigm through Software Defined MANETs **Jyotsna Verma, Nishtha Kesswani**	920
183	Design of Solar based Pure Sine Wave Inverter **Mayuresh B. Gulame, Snehal S. Thopate, Omkar K. Kelkar, Chaitali Maloji Gadre/Rachana Dipak Kedari**	924
184	Advertising on Target Audience: Using Behavioral, Spatial & Sentimental Analysis **Harsh Namdeo Bhor, Priyanka Kunder, Riddhi Patel, Rutuja Salvi**	N/A
185	Weight optimized sub clustering in data mining for rare class application **P. Venkata Rama Raju, Peri Srinivasa Rao, G. Partha Saradhi Varma**	N/A

S.No	Paper Title/Author Names	Page.No
186	Differential Analysis of Microbial Community grown with different DO levels Using R Package **Snehal V. Bhange, Hitesh Tikariha, S. S. Dongre, H. J. Purohit**	939
187	Key Establishment Scheme for Intra and Inter Cluster Communication in WSN **Prema S, Pramod T.C**	942
188	APRIGUARD: The Automatic and Eficient Method for Privacy Violations Detection in OSNs (Online Social Networks) **Karuna Sonone, V. M. Barkade**	945
189	Adaptive Soft computing Based Security Model in Cloud Computing **P. Lokaiah, M. VinayaBabu**	N/A
190	Human Face Detection and Facial Expression Identification **Sadaf A. H. Shaikh, Dipti Jadhav**	956
191	ZARS Zone Adaptive Response System **ANAS M M, Arun Baby, Eldhose Joy, Varghese Mathai**	N/A
192	IoT Based Distributed Control System Using CAN **Niveditha.A.T, Nivetha.M, Priyadharshini.K, Punithavathy.K**	967
193	Computationally Efficient Algorithms and High- Speed ASIC design for Railway Gate Automation **Phalgun Madhusudan, Rathankumar DB, Aishwarya K, G S Anitha**	972
194	A Machine Learning Based Approach for Recommending Courses at Graduate Level **John Britto, Sagar Prabhu, Abhishek Gawali, Yogesh Jadhav**	N/A
195	A Survey Paper on High Frequency Disturbances caused by Electronic Loads to PLC **Tomina Thomas, Prawin Angel Michael**	N/A
196	A SURVEY OF DYNAMIC CONTENT ORIENTED CACHE AWARE CHUNKING TECHNIQUES FOR DATA DEDUPLICATION IN BACKUP STORAGE SYSTEMS **V.Manochitra, T.Thamarai Selvan**	N/A
197	GENERAL PURPOSE CONVERTER USING LoRa PROTOCOL **Sampada Tavse, Shalini Patil , Pranav Patil , Shrawani Kapase**	N/A
198	A Comparative Study of Breast Cancer Diagnosis Using Supervised Machine Learning Techniques **Madhuri Gupta, Bharat Gupta**	997
199	Knowledge extraction from text document using Data mining Techniques **D.M.Kulkarni , J.D.Pakhare**	N/A
200	A Spread-Spectrum Audio Watermarking Scheme Based on Geometric Invariant Feature **Sankar Murugesan, Parvathi R, Pravin BhimraoDesai, Sarvajeet A Bhosale, Pradip Surgonda Bhendwade, Elamaran V**	N/A
201	Action model prediction and analysis for CBMR application **Vinoda Reddy, P.Suresh Varma, A.Govardhan**	1015
202	Design an Unmanned Agriculture Surveillance Using High Performance Quadcopter **M.Anto Bennet, B.Thamilvalluvan, M.Kumaran, S,Saran, P.Joshua Steve Allan, R.Srikanth**	N/A
203	Design and Simulation of Traffic Engineering using MPLS in GNS3 Environment **Mohd. Imran, Mohd Amir Khan, Mohammed Abdul Qadeer**	1026
204	Data Mining with Linked Data: Past, Present, and Future **Rohit Beniwal, Vikas Gupta, Manish Rawat, Rishabh Aggarwal**	1031
205	Evaluation and Customization of Community Detection Algorithms in Large Social Networks **Sanjay Kumar, Stuti Pandey,** **Ria Gupta**	1036

S.No	Paper Title/Author Names	Page.No
206	Design of CPW Fed Smart Antenna for Wi Max Application **Sudhakar Reddy N, Siddappa Naidu K**	N/A
207	A Survey of Different Models on Network Intrusion Detection Countermeasures and Detection in Virtual Network Systems **Poonam A Pandire, V B Gaikwad**	N/A
208	Event Based Sentiment Analysis of Twitter Data **Mamta Patil, H.K. Chavan**	1050
209	A novel approach on object detection and tracking using adaptive background subtraction method **Kandavalli Michael Angelo**	1055
210	A Low Power 6T SRAM using Modified Sleep Power Reduction Technique **Nallamilli Chandrasekhar Reddy, Baddireddy Satya Sridevi**	N/A
211	IoT Based Vigilance Robot using Gesture Control **S.Srividhya, G.Dinesh Kumar, J.Manivannan, V.A.Mohamed Wasif Rihfath, K.Ragunathan**	1065
212	Survey on clustering techniques in Twitter data **R. Devika, S. Revathy, Sai surriya priyanka.U, V. Subramaniya swamy**	1073