Presentation Schedule
Track Wise – Session Wise List of Papers

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Track # 1: Sustainable Computing Session 1.1; Date: 14th March, 2019; Time: 9:00 a.m. to 11:00 a.m. Venue: E-201 (2nd Floor) (21 Paper Presentations)
1.	1	1	25	**Role of Modified Gabor Filter Algorithm in Multimodal Biometric Images** *Sharmila S.More, Bhawna Narain and B.T.Jadhav*
2.	1	1	65	**Movement Imagery based Real Time BCI System** *Sumanta Bhattacharyya and Manoj Kumar Mukul*
3.	1	1	813	**Comparative Design & Simulation of different architectures of differential amplifier using EDA tool** *Meenakshi Gupta, Shreya Gupta, Ravi Kumar and Vansh Tara*
4.	1	1	842	**Survey on Mining Frequent Item Sets over Uncertain Databases** *Sudhir Lawand, Sachin Deshpande and Umesh Kulkarni*
5.	1	1	995	**Enhanced Health Education Services through E-learning in the North East** *Lakshmi Kalyani, Arti Noor and V.K.Sharma*
6.	1	1	1039	**Design and Techno-Economic Analysis of Optimised Stand-Alone Hybrid Energy Systems for Telecom Infrastructure in the Arid Zones** *Tanmay Mathur, Tanya Gupta, Shreya Gupta, Vinay Anand Tikkiwal and Arun Kumar*
7.	1	1	1179	**Application and Designing of Wireless Mouse using Object Tracking** *Rahul Kumar, Rajat Gupta and Mohd Saquib Faraz*
				Special Session ID: SS # 6.005 Special Session Title: Analytics, Machine learning and Internet of Things Special Session Convened by: Prof. Dr. Shubhada Gadgil (14 Papers Presentations)
8.	6	5	119	**Blockchain security for an IoT based world** *Saumitra Khanolkar and Sweta Mishra*
9.	6	5	360	**IoT Based Portable ECG Monitoring Device for Smart Healthcare** *Prachi Kamble and Ashish Birajdar*
10.	6	5	639	**Demand of Smart Homes in Indian Villages** *Prachi Hareshwar Patil, Krima Hetalkumar Shah, Tarun Dhirendra singh, Samrudha Sudhir Mhatre and Yogesh Pingle*
11.	6	5	644	**Flood detecting, forecasting, and analysis using IOT** *Dhiraj Damodar Tandel, Milind Vishnu Purohit, Akshay Vilas Sule, Samrudha Sudhir Mhatre and Yogesh Pingle*
12.	6	5	658	**Social Service Intelligent App for Senior Citizen** *Akshay Sule, Samrudha Mhatre, Dhiraj Tandel and Yogesh Pingle*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
13.	6	5	1040	**SuperApp** *Deep Rajesh Shah, Aman Anand Baheti, Dhruv Viresh Gandhi, Ashish Shambhu Shaw, Darshit Haresh Kumar Mankar and . S. R. Gadgil*
14.	6	5	1116	**Green Wall Globalisation using IoT** *Sharvaree Jadhav, Akansha Dutt, Samrudha Mhatre, Krima Shah and Yogesh Pingle*
15.	6	5	1117	**Automated Lawn Mower using IoT** *Yogesh Pingle, Kajal Sule, Ritesh Jambhavdekar and Rinku Tandel*
16.	6	5	1118	**Real Time Event Summarization of Tweets with Segmentation** *Ashvini Ashok Chougule and Grishma Sharma*
17.	6	5	1273	**Security in Hadoop** *Omkar Shinde and Sweta Mishra*
18.	6	5	1291	**Chest X-Ray Image Classification and Object Correspondence** *Poonam Bhogle, Vinitra Muralikrishnan and Showndarya Madhavan*
19.	6	5	1346	**Universal Firmware Upgrade Over-The-Air for IoT devices with security** *Sneha Dhande, Varsha Bodade, Poonam Thakur, Angitha Achary, Madhuri Addagatla and Neerajkumar Malviya*
20.	6	5	1858	**Attendment - New age IoT Powered AI based attendance solution** *Sanchitsagar Singh, Raj Kotadia, Akash Rajpurohit and Aditya Manze*
21.	6	5	1965	**Agricultural Portal and Mobile App** *Yogesh Pingle, Nitin Shingane and Smita Verma*
				Track # 1: Sustainable Computing **Session 1.2; Date: 14th March, 2019; Time: 12:00 p.m. to 1:30 p.m.** **Venue: E-201 (2nd Floor)** **(07 Paper Presentations)** **Special Session ID: SS # 6.006** **Special Session Title: Innovation and Advances in Information Technology** **Special Session Convened by: Prof. Uzzal Sharma** **(07 Papers Presentations)**
22.	6	6	389	**Predication of Soil pH using K mean Segmentation and HSV Color Image Processing** *Utpal Barman, Ridip Dev Choudhury and Ikbal Uddin*
23.	6	6	445	**An Efficient Method to Overcome the Security Issues on Corporate & Personal Data Storage in the Cloud** *Marley Boniface Paul and Uzzal Sharma*
24.	6	6	1002	**A Brief Review on Blockchain and Distributed Ledger Technology** *Aniruddha Deka and Mary Debbarma*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
25.	6	6	1031	**A New Approach To Design of an Email Classifier** *Aniruddha Deka, Raja Jwbthasha Daimari, Sangeeta Rai and Darpan Baruah*
26.	6	6	1611	**Memory Forensics Analysis for Investigation of Online Crime - A Review** *Arjun Chetry and Uzzal Sharma*
27.	6	6	1847	**An Analysis of an Isolated Assamese Digit Recognition Using MFCC and DTW** *Brajen Kumar Deka and Pranab Das*
28.	6	6	1939	**DTMF based Railway Enquiry System** *Aniruddha Deka and Binita Kumari*
				Track # 1: Sustainable Computing **Session 1.3; Date: 14th March, 2019; Time: 2:15 p.m. to 4:15 p.m. Venue: E-201 (2nd Floor)** **(20 Paper Presentations)** **Special Session ID: SS # 6.018** **Special Session Title: Computational Intelligence in Big Data analysis** **Special Session Convened by: Prof. Ankur Saxena** **(08 Papers Presentations)**
29.	6	18	2167	**Genetic Distance Analysis of Three Genes from Six Species of Ralstonia Genus** *K. Srija, P. P. R. Prithvi, Alka Grover, Sampat Nehra and Shivani Chandra*
30.	6	18	969	**Smart Cities, the Future of Modern India: Bhubaneswar, A Case Study** *Anushree A Avasthi*
31.	6	18	973	**Efficient Decision Tree using Machine Learning tools for Acute Ailments** *Sanika Mohagaonkar, Anmol Rawlani and Ankur Saxena*
32.	6	18	1168	**Evolution of Machine Learning in Life Science** *Smriti Mishra, VibhaTaneja and AnkurSaxena*
33.	6	18	609	**Analysis of Machine Learning Algorithms and Obtaining Highest Accuracy for Prediction of Diabetes in Women** *Arushi Agarwal and Ankur Saxena*
34.	6	18	54	**Analyzing Viral Genomic Data using Hadoop Framework in Big Data** *Disha Nagpal, Shriya Sood, Sanika Mohagaonkar, Himanshu Sharma and Ankur Saxena*
35.	6	18	120	**Tandem Repeats: Tool to Design Specific PCR Primers for Ralstonia Solanacearum** *Alka Grover, Shivani Chandra and Shalini Jauhari Jain*
36.	6	18	199	**Use of SQL Index for Rapid and Efficient Finding of Nucleotide Database Record** *Rajesh Jangade, SurudhipRaam, Selvasundaram, JazibBadar Khan, SatyakamPugla and Anil Barnwal*
				Special Session ID: SS # 6.019 **Special Session Title: Recent Trends in Communication, VLSI,**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Signal Processing & Information Technology **Special Session Convened by: Prof. Dr. Manisha Bharti (12 Papers Presentations)**
37.	6	19	50	**Optical Character Recognition using Convolutional Neural Networks** *Sakshi Shreya, Yash Upadhyay, Mohit Manchanda, Rubeena Vohra and Gagan Deep Singh*
38.	6	19	794	**Coin Detection based Mobile Charging System** *Prateek Goyal and Parth Sarthi Sharma*
39.	6	19	798	**Closed form solutions of various Window Functions in Fractional Fourier Transform Domain** *Prabhakar Agarwal,Sandeep Kumar and S P Singh*
40.	6	19	962	**Strip Ground based Slotted Microstrip Antenna for Wireless Communication** *Pragya Gupta and Manisha Bharti*
41.	6	19	968	**Multiple Threshold CVSL Full adder Design** *Bhawanand Jha,Kirti Gupta and Neeta Pandey*
42.	6	19	1006	**A Prospect of Regulating Traffic through Smart Traffic System** *Vaibhav Shakkarwal,Srishti Part and Jolly Parikh*
43.	6	19	1033	**Performance Comparison of scheduled TAS/GSC with STBC/GSC in Underlay Cognitive Radios** *Kavita Vij Bindra,Rajesh Khanna,Surbhi Sharma and Varsha Vimal Sood*
44.	6	19	1367	**An Efficient Approach to Implement Multiplier using Vedic Maths Squaring Technique** *Ashi Gupta, Pritish Kumawat and Gunjeet Kaur*
45.	6	19	1379	**Particle Swarm Optimization Exponential Constriction Factor (PSO-ECF) Based Channel Equalization** *Upendra Kumar Acharya and Sandeep Kumar*
46.	6	19	1504	**A Novel Low Power 12T SRAM Cell With Improved SNM** *Ashima and Manisha Bharti*
47.	6	19	1710	**Hybrid Application Development and Implementation** *Shelly Sachdeva, Priyam Mishra, Aashay Kumar and Ashutosh Kumar*
48.	6	19	1775	**Leakage Power Estimation for ISCAS C17 Benchmark circuit** *Santosh Kumar, Suruchi Sharma and Baljit Kaur*
				Session 1.4; Sustainable Computing **Date: 15th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: E-201 (2nd Floor)** **(18 Paper Presentations)**
				Special Session ID: SS # 6.002 **Special Session Title: Intelligent Information Processing and Security** **Special Session Convened by: Prof. Dr. Ravinder Kumar (10 Papers Presentations)**
49.	6	2	334	**Enhancing the Process to Detect Edges using PIYA** *Saurabh Allawadhi, Priti Gangania and Ravinder Kumar*
50.	6	2	515	**Study of Attenuation caused by Rain for the Development of Future Radio Technologies**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Hitesh Singh, Boncho Bonev, Peter Petkov and Ravinder Kumar
51.	6	2	775	**A Finger-knuckle-print Classification using SVM and k-NN and Result Analysis for Different Kernels** *Brajesh Kumar Singh and Ravinder Kumar*
52.	6	2	1034	**Automated Text Extraction from Images - Using OCR Systems** *Chandni Kaundilya, Diksha Chawla and Yatin Chopra*
53.	6	2	1139	**The Privacy Preservation of Patients' Health Records Using Soft Computing in Python** *Sachin Aggarwal, Anil Kumar and Ravinder Kumar*
54.	6	2	1173	**Privacy-Preservation of Vertically Partioned Electronic Health Record using Perturbation Methods** *Anil Kumar and Ravinder Kumar*
55.	6	2	1177	**Performance Measurement of Radio over Fiber system at 20 GHz & 30 GHz by Employing with & without Optical Carrier Suppression** *Balram Tamrakar, Krishna Singh and Parvin Kumar*
56.	6	2	1420	**An Empirical Analysis of Stock Market Price Prediction using ARIMA and SVR model** *Lokesh Kumar Shrivastav and Ravinder Kumar*
57.	6	2	1454	**Attendance Monitoring System through Face Recognition** *Vaibhav Grover and Nishtha Chhabra*
58.	6	2	2076	**Neural Network for Volatile Stock Market Prediction** *Samanyu Puri and Lokesh Kumar Shrivastava*
				Special Session ID: SS # 6.015 **Special Session Title: Recent Trends and Applications in Information security** **Special Session Convened by: Prof. Kaushal Mehta** **(8 Papers Presentations)**
59.	6	15	41	**Identifyin Outliers for Climatology Time Varient Series with Sliding Window** *Priyank Pandey, S.P. Ajith Kumar, Kaushal Mehta and Manoj Kumar*
60.	6	15	42	**Recent trends in Big Data Ingestion Tools: A survey** *Garima Sharma, Vikas Tripathi, Priyank Pandey and Manoj Kumar*
61.	6	15	43	**Security Concerns in Data Warehouses: Implementation and Analysis of Virtual Private Database** *Parul Madan , S.P. Ajith Kuma and Priyank Pandey*
62.	6	15	44	**Testing for ETL processes in Data Warehouse : A review** *Hemant singh ,Priyank Pandey and Kaushal Mehta*
63.	6	15	45	**Analysis of Movie Review Data using Opinion Mining** *Kireet Joshi and Priyank Pandey*
64.	6	15	46	**Big Data Storage & Analysis: Tools and Techniques** *Varsha mittal, D.R.Gangodkar and Bhasker Pant*
65.	6	15	47	**A Framework for Analyzing the Exercise and Athletic Activities** *Chitransh Bose, Dhruv Sharma, Vikas Tripathi, Akash Singh*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				and Priyank Pandey
66.	6	15	925	**Wireless Adhoc Networks: Performance Analysis Considerations for AODV Routing Protocols** *S.P. Ajith Kumar and Rahul Sachdeva*
				Track # 1: Sustainable Computing **Session 1.5; Date: 15th March, 2019; Time: 12:00 p.m. to 1:30 p.m.** **Venue: E-201 (2nd Floor) (15 Paper Presentations)**
67.	1	1	1264	**Comparison of Matrix Factorization and Graph-Based Models for Summary Extraction** *Piyush Raj, Arshdeep Singh, Apoorv Bhandari, Mrinal Puri and Shaily Malik*
68.	1	1	1305	**Data Cleaning Mechanism for Big Data and Cloud Computing** *Kumar Rahul and R K Banyal*
69.	1	1	1365	**An Insight on Big Data Computing** *Nitish Pathak, Vaishali Singhal, Neelam Sharma, Ritika Wason and Tanvi Gautam*
70.	1	1	1462	**Future scope for 5G with respect to the Indian Telecommunication Sector and Proposed Solution of Setting up 5G in Rural Areas using Unmanned Aerial Vehicles** *Shivani Shahapur and Soham Dasgupta*
71.	1	1	1472	**Sensor Based Automated Parking System** *Ashish Kumar, Manjeet Mishra, Gaurav Shukla and Mohit Kumar Singh*
72.	1	1	1486	**A Review of Energy Efficient Optimization Techniques for VM Placement in Cloud Data Centers** *Inderjit Singh Dhanoa*
73.	1	1	1530	**Route Optimization Application using Server-Client Architecture and Google APIs.** *Ishita Malhotra, Projit Chandra and Souptik Kumar Majumdar*
74.	1	1	1898	**A Survey of Motion Detection in Image Sequences** *Ishita Arora and M. Gangadharappa*
75.	1	1	1950	**Design of Flexible UWB Monopole Antenna with RFID for Automotive Applications** *Vishal Hirawat, S.Kolangiammal and S. Shashank*
76.	1	1	2004	**Solar Energy Harvesting in Wireless Sensor Networks - A Survey** *Amit Kaushal and Shiva Prakash*
77.	1	1	2023	**A Survey on Cloud Security Issues and Challenges** *Madhvi Popli and Gagandeep*
78.	1	1	2035	**Brain Anomaly Prediction using Modified Clustering (MC)** *Sukanya Roy, Bipasha Roy, Arunabha Tarafdar and Arnab Bhowmik*
79.	1	1	2041	**A Fully Automatic Water Feature Extraction Method with Adaptive Training Samples and One-Class Classification Algorithms** *Alok Kumar Singh and Lokesh Kumar Singh*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
80.	1	1	2084	**Modelling the Intentions to Adopt UPIs: A PLS- SEM Approach** *Sahil Gupta, Ruchi Mittal and Amit Mittal*
81.	1	1	2096	**CRYPTO-SYSTEM - A Modified Ceaser Cipher** *Bijoy Chhetri, Kiran Khadka, Sarita Thapa, Prashanna Rai, Karma Doma Sherpa and Nima Wangdi Sherpa*
				Track # 1: Sustainable Computing **Session 1.6; Date: 15thMarch, 2019; Time: 2:15 p.m. to 4:15 p.m.** **Venue: E-201 (2nd Floor)** **(09 Paper Presentations)** **Special Session ID: SS # 6.007** **Special Session Title: ICT Based Innovations** **Special Session Convened by: Prof. Dr. Prateek Jain** **(5 Papers Presentations)**
82.	6	7	1172	**LDPC with STBC in Multiple Input and Multiple Output System** *Arika Singla , Sanchita Dhar and Mohit Verma*
83.	6	7	1268	**Cognitive Radio: Next Face of Communication** *Shubham, Abhishek Ranjan,Priyanka Bansa and Mohit Verma*
84.	6	7	1297	**Wearable and Flexible Wireless System Technology: A Review** *R.Jahnavi, Anita Choudhary, Abhishek Singh and Vimlesh Singh*
85.	6	7	1316	**Continuous Evolution Path for 5G: Comprehensive Study and Challenges** *Vaibhav Chaudhary , Deepika Singh, Prerna Kakkar and Mohit Verma*
86.	6	7	1427	**Smart Assistance to Ameliorate the Standards of Visually Impaired in India** *A. Jenishly and G. Mayil Muthu Kumaran*
				Special Session ID: SS # 6.003 **Special Session Title: Emerging Trends in Science Engineering & Technology** **Special Session Convened by: Prof. Anuranjan Misra** **(4 Papers Presentations)**
87.	6	3	69	**Range Search in kdSLst Indexing Structure** *Meenakshi and Sumeet Gill*
88.	6	3	226	**Energy Optimization for MANET** *Ajay Kumar Sharma, D.K Chauhan and Anuranjan Mishra*
89.	6	3	2092	**Devising a Novel Bridge Technique for Clustering Problem** *Kamalpreet Bindra and Anuranjan Mishra*
90.	6	3	2093	**Service Level Agreements for Cloud Infrastructures** *Shruti Garg and Anuranjan Misra*
				Track # 2: High Performance Computing **Session 2.1; Date: 14th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: E-202 (2nd Floor) (21 Paper Presentations)**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
91.	2	1	31	**Performance Analysis of PL/SQL Query Optimization Techniques** *Naveen Kumar, G Mayil Muthu Kumaran and Deepjot Kaur*
92.	2	1	104	**Cognitive Emotion Measures of Brain** *Rubleen Kaur, Rupali Gill and Jaiteg Singh*
93.	2	1	105	**Deep Learning based Real Time Object Recognition for Security in Air Defense** *S Pradeep and Yogesh Kumar Sharma*
94.	2	1	231	**A Clustering Approach using PSO Optimization Technique for Data Mining** *Rashmi Dagde, Dipeeka Radke and Ashwini Lokhande*
95.	2	1	357	**Simulation of Smart Sensors in Automobile using VHDL** *Tiwari Priti Ramesh, Satish Kumar, Prabhakar Alok Ravi and Aryandra Kumar Jouhari*
96.	2	1	490	**IoT Based Smart Security System – *IBSSS*** *Vaibhav goel, Vivek chauhan, Ravi Chandra jha and Shivang pandey*
97.	2	1	507	**Web Search Personalization using Semantic Similarity Measure** *Sunny Sharma and Vijay Rana*
98.	2	1	668	**Real-time Object Detection for Visually Impaired with Optimal Combination of Scores** *Siddharth Sagar Nijhawan, Aditi Kumar, Shubham Bhardwaj and Geeta Nijhawan*
99.	2	1	670	**Holistic IoT Architecture for Smart Sustainable Cities - Current Perspective and Future Directions** *Saleh. H. Alyami and Eissa Alreshidi*
100.	2	1	917	**IoT- A Technological Boon in Natural Disaster Prediction** *Yogesh Awasthi and Amin Mohammed*
101.	2	1	964	**Wireless Propagation of Electricity: Advancements and Challenges** *Parth Sarthi, Abhiruchi Passi, Monika Choudhary and Mohit Verma*
102.	2	1	1042	**Coalition of IoT & Blockchain: Rewards & Challenges** *Anupam Tiwar and Usha Batra*
103.	2	1	1294	**FarmGuide- One-Stop Solution to Farmers** *Gresha S. Bhatia, Pankaj Ahuja, Devendra Chaudhari, Sanket Paratkar and Akshaya Patil*
104.	2	1	1340	**Signal Detection Techniques for Spatially Multiplexed MIMO Systems** *A.Udawat, S. Katiyal and P.C. Sharma*
105.	2	1	1730	**Accelerating Image and Sensor Data Computation in Smartphones** *Chaitanya Krishna Medipally*
106.	7	6	2050	**Video Calling With Augmented Reality using WebRTC API** *Rudra Jikadra, Henali Shah and Pragnya Kulkarni* *(SS# 7.006)*
				Special Session ID: SS # 8.002 **Special Session Title: Recent Trends in Computer Networks and Wireless Communication** **Special Session Convened by: Prof. Atul M. Gonsai**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				(5 Papers Presentations)
107.	8	2	62	**A Comparison between the AODV and DSDV Routing Protocols for Mobile Ad-Hoc Network using NS2** *Rahul Roshan , Snehashish Mishra and Chandra Prakash Meher*
108.	8	2	1289	**Improve end-to-end Security using S-aePAKE** *HirenParmar and AtulGosai*
109.	8	2	1613	**Multiple Seed Node based Content Transmission in WSn** *Bhushan N Mahajan, Anjali R Mahajan and A. Thomas*
110.	8	2	1797	**BFO and GA based Optimization of Illumination Switching Patterns in Large Establishments** *Namrata Karlupia, Priyanka Sambyal, Pawanesh Abrol and Parveen Lehana*
111.	8	2	2029	**Performance Analysis of Symmetric Encryption Algorithms for their Encryption and Decryption Time** *Nilesh Amarbhai Advani and Atul M Gonsai*
				Track # 2: High Performance Computing **Session 2.2; Date: 14th March, 2019; Time: 12:00 p.m. to 1:30 p.m.** **Venue: E-202 (2nd Floor) (05 Paper Presentations)**
112.	7	26	1114	**Prediction of Heat Wave by using Rough Set and Time Series** *Ratnakar Das, J. Chandrakanta Badajena, Sujogya Mishra and Jibitesh Mishra* *(SS# 7.26)*
113.	2	1	1021	**Apply Machine Learning for Healthcare to Enhance Performance and Identify Informative Features** *Shiwani Gupta and R. R. Sedamkar*
				Special Session ID: SS # 7.028 **Special Session Title: Artificial intelligence: Machine learning Innovations and Trends** **Special Session Convened by: Prof. Ajantha Devi V** **(03 Papers Presentations)**
114.	7	28	1138	**Development of Artificial Learning Machine using Database Technology and Fuzzy Logic** *R. Nandhakumar and K. Govindarajan*
115.	7	28	1720	**RNN based Recommendation Engine : A Paradigm Shift towards Deep Learning** *Ajay Dhruv, Sarvesh Kuthe, Vatsal Kotecha and Aditya Ovhal*
116.	7	28	2009	**Stutter Diagnosis and Therapy System based on Speech Processing and Deep Learning** *Gresha Bhatia, Binoy Saha, Mansi Khamkar, Ashish Chandwani and Reshma Khot*
				Track # 2: High Performance Computing **Session 2.3; Date: 14th March, 2019; Time: 2:15 p.m. to 4:15 p.m. Venue: E-202 (2nd Floor)** **(16 Paper Presentations)**
117.	2	1	1371	**Trends and Augmentations of Cloud Computing** *Nitish Pathak, Vaishali Singhal and Sagir Anwar*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
118.	2	1	1436	**Deep Learning aiding Health Informatics in Drug Discovery** *Malvika Jasrotia and Prabhpreet Kaur*
119.	2	1	1446	**Implementation of Special Modulii Set Adders** *Shaheen Khan and Zainul Abdin Jaffery*
120.	2	1	1457	**Robust PID$_2$ - *Ms* Tuning rules for Unstable Systems with two RHP Poles** *K. Ghousiya Begum, A.Shoba, S. Santoshi Gaikwad and Goriparthi Thejaswini*
121.	2	1	1471	**A Quantitative Performance Analysis between MongoDB and Oracle NoSQL** *Sarita Padhy and G Mayil Muthu Kumaran*
122.	2	1	1528	**Behaviour Analysis of Special Child for Helping them to Educate** *Azra Shireen and Urmila Shrawankar*
123.	2	1	1607	**Scalable, Distributed Application & Database Systems for e-Governance** *Ashish Pilania and G Mayil Muthu Kumaran*
124.	2	1	1696	**Energy Efficient Green Consolidator for Cloud Data Centers** *Chetan Dhule and Urmila Shrawankar*
125.	2	1	1725	**Data Grid Optimization using Replica Replacement** *Sudalai Muthu T and Pandiaraj S*
126.	2	1	1896	**Personality Prediction from Social Media Images:** **A Content Driven Approach** *Yuktee Sahu, Yash Ramani, Viral Parekh and Nishit Maru*
127.	2	1	1960	**Text to Image Generation of Fashion Clothing** *Anish Jain, Diti Modi, Rudra Jikadra and Shweta Chachra*
128.	2	1	1989	**Prediction of Breast Cancer using Deep Learning Approach** *Nasreen Sultana Quadri, Ashraf Ali and Sara Faleh Alsoghier*
129.	2	1	2048	**Classifying Car Collisions and Road Safety using Doppler Effect with Machine Learning** *Mohd. Umar Farooq and Tahniyat Yasmeen*
130.	2	1	2087	**A Link Prediction Model using Similarity and Centrality based Features** *Ankita and Nanhay Singh*
131.	2	1	2112	**A Comprehensive view of Different Computing Techniques - A Systematic detailed literature review** *Yogesh Kumar, Surabhi Kaul and Kanika Sood*
132.	2	1	2133	**Multimodal Interface for Deaf & Dumb Communication** *Sampada S. Wazalwar and Urmila Shrawankar*
				Track # 2: High Performance Computing **Session 2.4; Date: 15th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: E-202 (2nd Floor) (12 Paper Presentations)**
133.	2	1	558	**Designing an Integrated Data Warehouse Schema by Integrating Relational and Dimensional** *Md. Shams Raza, Anil Kumar Singh and Md. Tanweerudin Haider*
134.	2	1	2098	**Effective RDH based on Histogram Shifting Using Visual Cryptography** *Archana A Nikose, Shrunkhala S Wankhede and Dipak B. Khadse*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
135.	2	1	2115	**Blockchain-based Digital-Voting: Effectiveness and Challenges in Afghanistan** *Muhammad Hadi Hedayati, Jawid Ahmad Baktash and Omer Salim Mohmand*
136.	2	1	2161	**Non Invasive Methods of Blood Glucose Measurement: Survey, Challenges, Scope** *Divyabharati O, Anjana Sundar, Geet Jethwani and Chandra Mukherjee*
				Special Session ID: SS # 7.005 **Special Session Title: Recent Trends in Information Security, Big Data, Image Processing and Information Technology** **Special Session Convened by: Prof. Bharti Nagpal** **(8 Papers Presentations)**
137.	7	5	106	**Face Recognition in Real Time Video using Haar Cascade Classifier** *Preeti Saini, Bharti Nagpal, Sheersh Kaushik and Purnima Gupta*
138.	7	5	669	**Impact of Deep Learning Approaches in Computer Vision System** *Preeti Saini and Bharti Nagpal*
139.	7	5	1029	**Analytics to uplift Big Social Events** *Priyanka Dhaka and Bharti Nagpal*
140.	7	5	1258	**Comparison of Various Machine Learning Techniques for Creating Optimal Optical Character Recognizer** *Meenu Garg, Sameer Maurya and Samyak Jain*
141.	7	5	1602	**Heart Disease Prediction** *Sejal Sethi, Bhaskar Kapoor and Seema Kalonia*
142.	7	5	1849	**Home Automation System using ESP8266** *Tejinder Kaur, Puneet Sharma and Neha Singh*
143.	7	5	2163	**Survey on Location based Advertising** *Vinita Rohilla and Rajiv Kumar*
144.	7	5	2166	**Analyzing Social Media and Customer Sentiment using Big Data** *Shikhar Jain and Nitesh Wadhera*
				Track # 2: High Performance Computing **Session 2.5; Date: 15th March, 2019; Time: 12:00 p.m to 1:30 p.m.** **Venue: E-202 (2nd Floor) (12 Paper Presentations)**
145.	2	1	2070	**Protection of Mangrove Forests using Image Processing Techniques** *Kajal Jewani, Prerna Baliga, Prem Amal, Piyush Mangtani and Yash Kasturi*
				Special Session ID: SS # 7.008 **Special Session Title: Cutting Edge Research, Technologies and Trends for Industry & Academia** **Special Session Convened by: Prof. Anju Khandelwal (11 Papers Presentations)**
146.	7	8	111	**Addressing Formulas for Elements of 3D Sparse Matrices in 1D Arrays**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Ashish Pandey, Stuti Pandey, Abhay Kumar Agarwal and Abhishek Pandey
147.	7	8	335	**Analysis of Impact of Recruitment and Selection at Managerial level** *Anju Khandelwal and Avanish Kumar*
148.	7	8	516	**A Queueing based Spectrum Management Scheme with p-Retry policy for Cognitive Radio Networks** *Shruti and Rakhee Kulshrestha*
149.	7	8	863	**Minute Maid V/s Tropicana - A Comparative Study of discordant Fruit Juice Rivals at Bareilly** *Ankita Tandon, Pushpendra Yadav and Sarika Singh*
150.	7	8	1142	**Study of Routing Protocols in MANET- A Review** *Neha Sharma and Shahjahan Ali*
151.	7	8	1223	**Acceptance and uses of Agile Tools in IT Organizations** *Kumari Hemlata, Shivangi Agarwal, Nayla Sherwani and Ashish Agrawal*
152.	7	8	1228	**An approach to Improve Planning Poker Technique of Software Effort Estimation using Fuzzy Logic** *Gargi Agarwal and Ashish Agrawal*
153.	7	8	1347	**Comparative Study of LEACH,N-LEACH, and SEP Routing Protocols for Wireless Sensor Networks** *Vikram Singh and Anshul Rastogi*
154.	7	8	1502	**Disease Predictive Analytics in Healthcare using Machine Learning : A review** *Niharika Saxena and L.S.Maurya*
155.	7	8	1520	**A Petri Net Analysis to Study the Effects of Diabetes on Cardiovascular Diseases** *Gajendra Pratap Singh and Agraj Gupta*
156.	7	8	1951	**An Adaptive Fractional Guard Channel Based CAC Scheme for Heterogeneous Traffic in Wireless Cellular Networks** *Rakhee Kulshrestha, Achal Agarwal and Shruti*
				Track # 2: High Performance Computing **Session 2.6; Date: 15th March, 2019; Time: 2:15 p.m. to 4:15 p.m. Venue: E-202 (2nd Floor)** **(16 Paper Presentations)** **Special Session ID: SS # 7.006** **Special Session Title: Computer Vision and Image Processing Based Techniques and Applications** **Special Session Convened by: Prof. Dr. Sheifali Gupta (7 Papers Presentations)**
157.	7	6	823	**Comparative Analysis of Plasmonic Metamaterial Absorber for Noble, Alkaline Earth and Transition Metals in Visible Region** *Swapandeep Kaur and Harsimran Jit Kaur*
158.	7	6	1432	**Automated Plant Species Identification : A Review** *Surleen Kaur and Prabhpreet Kaur*
159.	7	6	2121	**A Comparative Analysis of Routing Protocols in IoT** *Shruti Pathak and Bhisham Sharma*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
160.	7	6	2122	**Review on Face Recognition by Machine Learning and Deep Learning Approaches** *Pooja Jain, Sheifali Gupta and K. R. Ramkumar*
161.	7	6	2123	**Comparative Analysis of Image Fusion Methods** *Kanika Bhalla, Bhisham Sharma and Deepika Koundal*
162.	7	6	2126	**A Comparative Analysis of Eye Gaze Estimation Techniques** *Nandini Modi and Jaiteg Singh*
163.	7	6	2127	**An Enhanced Routing Algorithm for Internet of Things that Resolves Heterogeneity Issues** *Shailja Agnihotri and Ramkumar K. R.*
				Special Session ID: SS # 7.027 **Special Session Title: Photonics & Optoelectronics** **Special Session Convened by: Prof. Preeta Sharan** **(09 Papers Presentations)**
164.	7	27	610	**Evaluation of Mechanical Stresses Developed during Mastication in Extracted Human Mandibular Molar Tooth** *Anup M Upadhyaya, Sneha Sharan, Preeta Sharan and Dil Muhammad Akbar Hussain*
165.	7	27	721	**Design and Analysis of Fiber Bragg Grating Sensor package for Hydro-Acoustic Application** *Regina Mathias, Swarajit Pal and J Deenathayalan*
166.	7	27	836	**Analysis of Water Bacteria using Optical Sensors for Lab-On-A-Chip by Varying Different Substrates** *Shaikh Afzal Nehal, Kusuma S. Salanke and Manju Devi*
167.	7	27	838	**Circular Diaphragm-based MOEMS Pressure Sensor using Ring Resonator** *Yashaswini P R, Mamatha N and P C Srikanth*
168.	7	27	924	**Highly Sensitive Plasmonic Sensor for Detection of Malignant Tissue of Melanoma** *Nandhini V L, Chandra Shekar N and K. Suresh Babu*
169.	7	27	992	**Design and Development of Bionic Hand for Amputees** *Nivin M, Pooja V Nayak, Rohoni B Rao and Vedik R*
170.	7	27	2055	**Quantum Dotbased Circuit-Switched Network Equipment for Digital Communication** *Preeta Sharan, Akshaya S, Prithvi Hemanth, Soni Kumari and Shushank Shekhar*
171.	7	27	2099	**A Novel Low Power MUX based Dynamic Barrel Shifter using Footed Diode Domino Logic** *Bharathesh Patel N and Manju Devi*
172.	7	27	2114	**Predictive Modelling of Silicon Nanowire based Sensing Platform for cTroponin-I Detection** *Priyash Barya, T. Srinivas and Rahul Prajesh*
				Track # 3: High Speed Networking and information Security **Session 3.1; Date: 14th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: Seminar Hall (3rd Floor)** **(15 Paper Presentations)**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Special Session ID: SS # 8.008 **Special Session Title: Antenna Design and Next Generation Wireless Networks** **Special Session Convened by: Prof. Dinesh Sharma** **(1 Paper Presentation)**
173.	8	8	511	**Performance Evaluation of Quality Parameters for Integrated Unified Communication Network** *Ritesh Sadiwala*
				Special Session ID: SS # 8.003 **Special Session Title: Advance Network Applications and Enabling the global shift through ICT** **Special Session Convened by: Prof. Dr. Kalpesh A. Popat (08 Papers Presentations)**
174.	8	3	227	**Comparative Study and Performance Evaluation of JAG_TDB_CC Concurrency Control Algorithm for Temporal Database** *Jaypal Sinh A. Gohil, Kalpesh A. Popat and Prashant M. Dolia*
175.	8	3	230	**Simulation based Analysis of Reliable and Fast Hand-off in Wireless Networks** *Kalpesh A. Popat, Jaypal Sinh A. Gohil and Priyanka Sharma*
176.	8	3	981	**Enhanced Prototype Model for Energy Efficient Algorithm of LEACH over Wireless Sensor Network** *Dimple Chauahn, Shailesh Iyer and Brijesh Jajal*
177.	8	3	1018	**Mobile Edge Computing Enabled Blockchain Framework- A Survey** *Pronaya Bhattacharya, Arunendra Singh, Rutvi Shah and Rushabh Shah*
178.	8	3	1163	**Predicting Success of a Movie from YouTube Trailer Comments using Sentiment Analysis** *Heena Timani, Parag Shah and Manasi Joshi*
179.	8	3	1233	**Internet Of Things : Application and Challenges** *Riddhi A Joshi, Hiral K Thakar and Ashwin Dobariya*
180.	8	3	1437	**Comparative Analysis of Machine Learning Classifiers on Bioinformatics and Clinical Datasets** *Falguni Ranadive, Akil Surti and Priyanka Sharma*
181.	8	3	1493	**Scope of Cyber security** *Riddhi A Joshi and Hiral K Thakar*
				Special Session ID: SS # 8.014 **Special Session Title: Latest Trends in Signal Processing, Broadband Communication and Network Technologies** **Special Session Convened by: Prof. Dr. Richa Bhatia** **(6 Papers Presentations)**
182.	8	14	1005	**Offline Real-Time Portable GPS Tracking** *Parth Sarthi Sharma, Prabhat Singh, Piyush Kumar Jha, Prince Kumar Roy and Richa Bhatia*
183.	8	14	1022	**Review of Mixed Line rate and Elastic Optical Network** *Ritu Agarwal and Richa Bhatia*
184.	8	14	1060	**Techniques for Improving the Performance of FSO under**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Atmospheric Turbulence *Deeksha Varshney and Richa Bhatia*
185.	8	14	1176	**An Overview of Elastic Communication Techniques for Wireless MIMO Systems** *Krishna Meena and Richa Bhatia*
186.	8	14	1334	**VANET Protocols with Challenges- A Review** *Praveen Kumar and Poonam Singhal*
187.	8	14	1450	**Comparison of MANET and VANET Applications for 5G Technology– A Review** *Akash Verma*
				Track # 3: High Speed Networking and information Security **Session 3.2; Date: 14th March, 2019; Time: 12:00 p.m. to 1:30 p.m.** **Venue: Seminar Hall (3rd Floor)** **(14 Paper Presentations)**
188.	3	1	7	**Study on MAC Protocols and Attacks: A Review** *Suresh Kumar Punia and Fatima Ziya*
189.	3	1	22	**Latest Trends and Future Directions of Localization Algorithms in Wireless Sensor Networks** *Ravi Sharma and Shiva Prakash*
190.	3	1	49	**Comparative Analysis of Zero-Knowledge Proofs Technique using Quadratic Residuosity Problem** *Chitranjan Prasad Sah and Preeti Rani Gupta*
191.	3	1	53	**Least Squares Channel Estimation for Downlink Multiple-Antenna Wireless Networks** *Ridhima Mehta*
192.	3	1	70	**Improvement in Phishing Websites Detection Using Meta Classifiers** *Yogesh Chandra and Antoreep Jana*
193.	3	1	926	**Performance Comparison of Trust Based Clustering Protocols for Wireless Sensor Networks** *Richa Sharma, VasudhaVashisht and Umang Singh*
194.	3	1	960	**Application Independent Security for IEEE 802.15.1** *Rakesh Shukla, Hari Om Prakash and R. Phanibhusan*
195.	3	1	963	**Placement of Relay nodes in WBAN improved by Free Search Krill Herd Optimization** *SushreeChinmayee Patra and Manas Ranjan Kabat*
196.	3	1	987	**Digital Forensic Analysis of Facebook App in Virtual Environment** *Animesh Kumar Agarwal, Aman Sharma and Pallavi Khatri*
197.	3	1	1027	**Challenges and Issues in Securing Data Privacy in IoT and Connected Devices** *Prakhar Sahu, S. K. Singh and Pankaj Kumar*
198.	3	1	1128	**Source to Multiple Sink Capacity Related Reliability of Wireless Sensor Networks** *Sonam lata and Shabana Mehfuz*
199.	3	1	1140	**Implementation of Security in FOG based Environment** *Ayushi and Manisha Agarwal*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
200.	3	1	1164	**Fuzzy Constraints Notification MAC Protocol in Wireless Body Area Neworks** *Tushar KantaSamal and Manas Ranjan Kabat*
201.	3	1	1165	**IoT based Approach for Automatic Irrigation System and Securing the Farm** *Amit Nerurkar, Swapnil Sonawane, Rugved Deolekar and Dilip Motwani*
				Track # 3: High Speed Networking and information Security Session 3.3; Date: 14th March, 2019; Time: 2:15 p.m. to 4:15 p.m. **Venue: Seminar Hall (3rd Floor)** **(4 Paper Presentations)**
202.	9	17	2060	**7-DOF Robotic Manipulator for Autonomous Segregation using Transfer Learning** *Gunjan Chourasia, Akarsh Shrivastava, Piyush Jaipuriyar, Zeel Shaileshkumar Bhatt, Ali Shahbaaz Khan and Amrit Das* *(SS# 9.017)*
203.	9	17	2079	**Artificially Enhanced Tele-operated Humanoid Robot** *Ali Shahbaaz Khan, Amrit Das, Piyush Jaipuriyar, Gunjan Chourasia, Akarsh Shrivastava and M. Sangeetha* *(SS# 9.017)*
				Special Session ID: SS # 8.011 **Special Session Title: Localization and Energy Efficient operation of Wireless Sensor Networks** **Special Session Convened by: Prof. Ashok Kumar** **(2 Papers Presentations)**
204.	8	11	839	**Recent trends for Security Applications in Wireless Sensor Networks – A technical review** *JyotiBhola, Surender Soni and Gagandeep Kaur Cheema*
205.	8	11	1205	**Distance Vector Hop Based Range Free Localization in WSN using Genetic Algorithm** *Vivek Kanwar and Ashok Kumar*
				Track # 3: High Speed Networking and information Security Session 3.4; Date: 15th March, 2019; Time: 9:00 a.m. to 11:00 a.m. Venue: Seminar Hall (3rd Floor) **(17 Paper Presentations)**
				Special Session ID: SS # 8.016 **Special Session Title: Information System and Technologies** **Special Session Convened by: Prof. Parul Gandhi** **(9 Papers Presentations)**
206.	8	16	267	**Bipolar Words Extraction using Sentiment Analysis: A Study** *Neha Nandal, Jyoti Pruthi and Amit Choudhary*
207.	8	16	725	**Review Study on Software Defect Prediction Models premised upon Various Data Mining Approaches** *Bharti Bisht and Parul Gandhi*
208.	8	16	956	**A New Approach for Analyzing Human Body Temperature** *Robin Swamy, Anupriya Jain and Prasenjit Banerjee*
209.	8	16	959	**A Contemplate on Multi Factor Authentication**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Priyanka Sharma
210.	8	16	1056	**Study of Reliability of Object-Oriented Structure consuming CK Metrics** *Ravi Kumar Sharma and Parul Gandhi*
211.	8	16	1190	**A Walk-through of Expert Systems for Diagnosis of high Risk Pregnancy: A Retrospective** *Deepanshi and JyotiPruthi*
212.	8	16	1313	**Skip Gram Model base Entropy Reduction using Vision based Page Segmentation for Web Mining** *Meena Chaudhary and Jyoti Pruthi*
213.	8	16	1527	**A Cluster-based WSN for the Earthquake and Tsunami Detection and Mitigation** *AghaImran Husain and Hanu Bhardwaj*
214.	8	16	1976	**Unsupervised and Supervised Segment of Three Dimensional Medical Images depends on Clustering and Deep Learning Formation** *Preety*
				Special Session ID: SS # 9.017 **Special Session Title: Advancement in Machine learning & Internet of Things Techniques** **Special Session Convened by: Prof. Bikram Pal Kaur** **(8 Papers Presentations)**
215.	9	17	1175	**A Novel Approach for Energy Efficiency and Congestion Control in WBAN** *Navpreet Kaur Samra, Ramanpreet Kaur and Bikram Pal Kaur*
216.	9	17	1254	**Cloud Integrated Fog Environment for Security and Integrity in Internet of Things (IoT)** *Inderpreet Kaur, Preet Navdeep and Bikram Pal Kaur*
217.	9	17	1418	**Investigation of Privacy Preservation Techniques in Big Data** *Sukhjeet Kaur, Chetna, Bikram Pal Kaur and B. K. Verma*
218.	9	17	1422	**Sentimental Analysis Employing Facial Expression in Big Data: A Survey** *Surbhi, Chetna and B. K. Verma*
219.	9	17	1545	**Post Processing of Image Segmentation using Conditional Random Fields** *Aashish Dhawan, Pankaj Bodani and Vishal Garg*
220.	9	17	1870	**Optimization of iM-SIMPLE Protocol using GA in WBAN** *Ramanpreet Kaur, Bikram Pal Kaur and Ruchi Singla*
221.	9	17	2053	**Location Based Tracking - A New Approach** *Swapnil R. Kurkute, Rashmi Lokhande, Reshma A. Sarode, Dipak P. Patil, Aditi B. Murkute and Bhart D. Deore*
222.	9	17	2067	**Automatic Ration Delivery System - A New Perspective** *Swapnil R. Kurkute, P. P. Chaudhari, Bhart D. Deore, Kishori Kavare, Damini Bhoye and Priyanka Musale*
				Track # 3: High Speed Networking and information Security Session 3.5; Date: 15th March, 2019; Time: 12:00 p.m. to 1:30 p.m.

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Venue: Seminar Hall (3rd Floor) **(17 Paper Presentations)**
223.	3	1	273	**Sensor Node Deployment for Wireless Sensor Networks: An Improved Approach** *Usha Soni Verma and Namit Gupta*
224.	3	1	966	**Energy Efficient Mac & Routing Protocols – Survey** *Chaitra S N, D.K. Sreekantha, K.V.S.S.S.S. Sairam and MahendraS.Naik*
225.	3	1	1050	**Vector Controlled Wireless Robotic Arm** *Vikas Varshney, Pranjal Jha,Arvind Kumar, Manish Nath Tiwari, Tushar Saxena and Savita*
226.	3	1	1169	**Blockchain Distributed Cloud Storage Network Tool (BCCNT** *Rishabh Bansal, Nimish Niret Soren and Ankita Sharma*
227.	3	1	1286	**Mobile Data Gathering Approaches in Wireless Sensor Networks: A Survey** *Anu Raj and Shiva Prakash*
228.	3	1	1306	**Privacy Preserving Data Mining Model for the Social Networking** *Ratandeep Kaur, Manisha Sharma and S. Taruna*
229.	3	1	1363	**Reversible Data Hiding based on Horizontal and Vertical Pixel Pair Selection in Dual Stego Images** *C.Shaji and I. Shatheesh Sam*
230.	3	1	1425	**A Light-Weight Authentication Scheme for Cloud-Centric IoT Applications** *Sampa Sahoo, Bibhudatta Sahoo, Shreeya Swagatika Sahoo, Ashok Kumar Turuk and Prasenjit Maiti*
231.	3	1	1440	**Refined Neighbor Mean Interpolation Algorithm for Reversible Data-Hiding Techniques** *Akshika Verma and Khushil Kumar Saini*
232.	3	1	1452	**Enhancing the Performance of Classification Algorithms with Discretization on NSL-KDD Dataset** *Y. P. Raiwani and Shailesh Singh Panwar*
233.	3	1	1658	**Investigation of Privacy Preserving Data Models and Contributions** *Kamlesh Ahuja, Navneet Sharma and Durgesh Kumar Mishra*
234.	3	1	1658	**Investigation of Privacy-Preserving Data Models and Contributions** *Kamlesh Ahuja, Navneet Sharma and Durgesh Kumar Mishra*
235.	3	1	1702	**A Visual Cryptography Scheme for Secret Hiding using Pre-Processing** *Nitin Verma, Pinki Nayak and Pooja Singh*
236.	3	1	1804	**Secure Hashing Algorithms and their Comparison** *Rohit, Sagar Kamra, Alka Leekha and Manu Sharma*
237.	3	1	1864	**Delay and Energy Aware Protocol in Mobile Adhoc Network using Optimization Algorithm** *Dapinder Kaur and Neeraj Battish*
238.	3	1	2153	**A Comparative Study of Clustering Algorithms** *Manoj Kumar Gupta and Pravin Chandra*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
239.	3	1	2154	**A Survey on Intrusion Detection Tools** *Bhoopesh Singh Bhati and C. S. Rai*
				Track # 3: High Speed Networking and information Security **Session 3.6; Date: 15ᵗʰ March, 2019; Time: 2:15 p.m. to 4:15 p.m.** **Venue: Seminar Hall (3ʳᵈ Floor)** **(11 Paper Presentations)**
				Special Session ID: SS # 8.013 **Special Session Title: Wireless Sensor Networks and Internet of Things** **Special Session Convened by: Prof. Garima Srivastava (8 Papers Presentations)**
240.	8	13	456	**Quantum Computing: A New Era of Computer Science** *Hemant Bhatt and Shubhra Gautam*
241.	8	13	672	**Design of multiband H plane Horn Antenna using SIW Technology** *Vibhas Kumar, Priyanka Kumari, Lavleesh Kumar and Neeta Singh*
242.	8	13	719	**Investigation on Dielectric Resonator Antenna and Stacked DRA** *Deepika, RS Yaduvanshi and Neeta Singh*
243.	8	13	920	**Design of a Dual Band MicroStrip Antenna using U-shaped Micro Strip Feeding for ISM band Applications** *Lavleesh Kumar, Neeta Singh and Garima Srivastava*
244.	8	13	1148	**A Triangular Monopole Antenna with GFET Rectifier for RF Energy Harvesting Applications** *Neeta Singh, Garima Srivastava and BK Kanaujia*
245.	8	13	1351	**Energy Efficient Selective Heterogeneity Model for WSN** *Roshni Kapoor and Pooja Mishra*
246.	8	13	1625	**Design and Simulation of 6-bitMMIC Digital Attenuator using GaN pHEMT** *Shikha Swaroop Sharma, Swati Sharma and Atul Kumar Pandey*
247.	8	13	2058	**IoT's Impact in Realization of Decision-Oriented Neuro-Fuzzy Big Data Sentiment Controller for Multivariable Processes** *Akhilesh Dwivedi, R B Pant, Manju Khari and Martand Pande*
				Special Session ID: SS # 8.007 **Special Session Title: Cloud based Ad-Hoc Networks, Vehicular Network, and Flying Ad-Hoc Networks.** **Special Session Convened by: Prof. Ram Shringar Rao (3 Papers Presentations)**
248.	8	7	**837**	**Prediction of Heart Diseases using Data Mining Technique** *Shivani Aggarwal and Arvind Kumar*
249.	8	7	**1749**	**Analysis of Directional Location Aided Routing (D-LAR) Protocol for VANETs** *Brijesh Kumar, Jai Prakashnagar and Ram Shringar Rao*
250.	8	7	**2165**	**A Novel Framework for Cloud Computing Enabled**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Laboratory *Pardeep Kumar and Harish Kumar Rohil*
				Track # 4: Software Engineering and Emerging Technologies **Session 4.1; Date: 14th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: Class Room (3rd Floor)** **(20 Paper Presentations)**
				Special Session ID: SS # 9.004 **Special Session Title: Recent Advances in Information Technology** **Special Session Convened by: Prof. Dr. Rosy Madaan** **(6 Papers Presentations)**
251.	9	4	37	**Design and Implementation of Efficient Digital Filter for Pre-processing of EEG Signals** *Anshul, Dipali Bansal and Rashima Mahajan*
252.	9	4	156	**An Algorithmic Approach based on Principal Component Analysis for Aspect-based Opinion Summarization** *Surbhi Bhatia, Rosy Madaan, Saneh Lata Yadav and Komal Kumar Bhatia*
253.	9	4	1135	**Route Prediction Techniques using GPS Traces and Spatial Data** *Sudhir Kumar Adlakha, Himanshu Sharma, Komal Kumar Bhatia and Neelam Duhan*
254.	9	4	1440	**A Survey on Automatic Text Summarization with Coherence** *Keerti, Neelam Duhan and Komal Kumar Bhatia*
255.	9	4	1691	**Automated Predicting of Tags for Stack Overflow Questions : A Survey** *Suman and Payal Gulati*
256.	9	4	1748	**Spam Detection in Social Media Using Soft Computing** *Pooja Tehlan, Komal Kumar Bhatia and Rosy Madaan*
				Special Session ID: SS # 9.008 **Special Session Title: Communication, VLSI, Signal and Image processing and its Security** **Special Session Convened by: Prof. Dr. Rashmi Gupta (14 Papers Presentations)**
257.	9	8	59	**Comparison between Classical and Quantum Cryptography** *Shravan Kumar Sehgal and Rashmi Gupta*
258.	9	8	134	**Crack Detection and Removal in Digital Images** *Neha Sharma, Sandhya Kanoujia and Rashmi Gupta*
259.	9	8	146	**Edge Detection Methods in Image Processing** *Sneh Rachna, Prachi Gautam and Shivani Nayan*
260.	9	8	224	**Comparative Study of Gender Classification using Fingerprints** *Shadab Alam, Dipti, Megha Dua and Ashutosh Gupta*
261.	9	8	225	**Modified ADMF for Pitch Extraction of Speech Signal** *Dipti Kalra, Mahir Dhawan and Utsa Madan*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
262.	9	8	268	**Comparative Analysis of Domains of Technical Steganographic Techniques** *Sachin Dhawan and Rashmi Gupta*
263.	9	8	1049	**Spectroscopic Data Analysis using Artificial Neural Network and Continuous Wavelet Transform Algorithms** *Shruti and Dipti Kalra*
264.	9	8	1051	**Human-Computer Interaction- An Overview of Software Architecture** *Sonal Pandey, Abha Rani, Suman Arora and Shilpa Jain*
265.	9	8	1153	**A Review on ECG Signal Analysis for Mental Stress Assessment** *Sanjeev Kumar Saini and Rashmi Gupta*
266.	9	8	1276	**Routing Strategy based on Centrality in Opportunistic Networks** *Nidhi Raghav, Anoop Kumar and Deepak Kumar Sharma*
267.	9	8	1412	**IoT-based Solar Hydroponics Farming** *Mohd Fahad Ali, Parth Thakur, Pooja Mendiratta and Neha Gupta*
268.	9	8	1441	**Investigations on Lifetime and Energy Optimization of WSN based on Hybrid Clustering Algorithm** *Vasudha and Anoop Bhola*
269.	9	8	1514	**Comparison of Various Techniques for Speaker Recognition** *Ajay Kumar, Ravindra Singh, Kavita and Shravan Kumar Sehgal*
270.	9	8	1589	**An Encyclopedic Consideration of Hybrid Energy Harvesting on Wireless Sensor Network** *Suman Arora and Geeta Nijhawan*
				Track # 4: Software Engineering and Emerging Technologies Session 4.2; Date: 14th March, 2019; Time: 12:00 p.m. to 1:30 p.m. **Venue: Class Room (3rd Floor)** **(8 Paper Presentations)**
				Special Session ID: SS # 9.008 **Special Session Title: Communication, VLSI, Signal and Image processing and its Security** **Special Session Convened by: Prof. Dr. Rashmi Gupta (08 Remaining Papers Presentations)**
271.	9	8	1612	**Novel Method to detect Pitch using Laplace Transform** *Dipti Kalra, Jaideep Puri and Aditya Kalra*
272.	9	8	1754	**Comparison of Various Deep Learning Models for Facial Recognition** *Tanupreet Sabharwal, Tanya Garg and Sanghmitra Vikram Singh*
273.	9	8	2097	**Localisation of License Plate and Character Recognition using Haar Cascade** *Parth Sarthi Sharma, Naef Ahmad, Nitish Kumar, Prince*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Kumar Roy and Jai Ahuja
274.	9	8	2137	**Comparison of Soft Computing Paradigms for Automatic Humour Detection in Tweets** *Vaibhav Mathur, Anshu Mathur and Sunil Kumar*
275.	9	8	2155	**Sentiment Analysis of Twitter Posts using Machine Learning Algorithms** *Ashutosh Gupta, Anusha Singh, Ishan Pandita and Harsh Parashar*
276.	9	8	2158	**Design and Development of Intellectual Robotic Arm** *Vikas Varshney, Arvind Kumar, Tushar Saxena, Pranjal Jha, Manish Nath Tiwari and Savita*
277.	9	8	2159	**Development of a Cost-effective Color Pattern based Security System** *Parth Sarthi Sharma, Piyush Kumar Jha, Prabhat Singh, Prince Kumar Roy and Jai Ahuja*
278.	9	8	2164	**A 1-V Supply OTA for Low-power VLSI and its Applications** *Urvashi Bansal, Rishabh Gupta, Ruchira Arora and Sahil Pahuja*
				Track # 4: Software Engineering and Emerging Technologies Session 4.3; Date: 14th March, 2019; Time: 2:15 p.m. to 4:15 p.m. **Venue: Class Room (3rd Floor)** **(24 Paper Presentations)**
279.	4	1	428	**Evaluation of Classification Techniques for IVUS Images** *S. Sridevi and M. Sundaresan*
280.	4	1	667	**Analyzing Factors Influencing Flight Delay Prediction** *Rutuja Dhanawade, Mandar Deo, Nidhi Khanna and Rugved V Deolekar*
281.	4	1	673	**Implementing a Mechanism for Malicious URLs Detection** *Animesh Bhagwat, Kuldeep Lodhi, Shreyas Dalvi and Umesh Kulkarni*
282.	4	1	824	**A Survey on Software Defect Prediction in Cross Project** *Rohini Jadhav, Shashank.D.Joshi, Umesh Thorat and Aditi S. Joshi*
283.	4	1	952	**A Survey of Approaches for Sentiment Analysis on Social Media** *Shailja Bhardwaj and Janmejay Pant*
284.	4	1	1017	**A Comparative Study of Clone Detection Approaches** *Laxmi, Huma Jameel and Neelam Duhan*
285.	4	1	1026	**Crowdfunding Fraud Prevention using Blockchain** *Shivansh Pandey, Shivam Goel, Subodh Bansla and Dhiraj Pandey*
286.	4	1	1066	**Comparitive Analysis of Biometric Systems** *Abhijyot Ahire, Aditya Jambhale, Tanuj Patil, Manish Chavan, Amit Nerurkar and Rugved V Deolekar*
287.	4	1	1068	**Music Streaming Application using Blockchain** *Sudarshan Chavan, Pankaj Warke, Suraj Ghuge and Rugved V Deolekar*

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
288.	4	1	1080	**Plant Disease Prediction using Deep Learning and IoT** *Akashkumar Gupta, Jayant Jadhav, Kishan Gupta and Rugved V Deolekar*
289.	4	1	1132	**Evaluation of Adaptive Neuro-Fuzzy Inference System with Artificial Neural Network and Fuzzy Logic in Diagnosis of Alzheimer Disease** *Haneet Kour, Jatinder Manhas and Vinod Sharma*
290.	4	1	1167	**Improved Pearson Similarity for Collaborative Filtering Recommendation System** *Sravan Kumar Gadekula and Udai Pratap Rao*
291.	4	1	1170	**ANN and ANFIS Model for Design of Triple Band, DGS Triangular Ring Micro-strip Antenna** *Rakesh Kumar Maurya, B. K. Kanaujia, A. K. Gautam, S. Chatterji and A. K. Singh*
292.	4	1	1267	**Syllable Generation by Eliciting Knowledge of Recommended Song** *Rohit R. Kumbhar, Amit K. Nerurkar, Bhavika P. Poojary and Parimal B. Pandhare*
293.	4	1	1326	**Framework for Mas Based Big Data Analysis using Agent Mobility** *Rashmi Pandey, Anand Kumar Pandey, Neeraj Goyal and Hariom Sharma*
294.	4	1	1350	**Integrated Architecture of Web Services using Multiagent System for Minimizing Interoperability** *Jaspreet Chawla, Anil.k. Ahlawat and Gunjan Goswami*
295.	4	1	1370	**Behavior Analysis using Serverless Machine Learning** *Darezik Damkevala, Rohit Lunavara, Mansi Kosamkar and Suja Jayachandran*
296.	4	1	1372	**Big Data Processing : Hadoop vs. Spark** *Meghna Sharma and Jagdeep Kaur*
				Special Session ID: SS # 9.018 **Special Session Title: Emerging Trends in Communications and Information Technology** **Special Session Convened by: Prof. Aarti** **(06 Remaining Papers Presentations)**
297.	9	18	916	**Programmed Pharmaceutical Gadget** *Shahbaz Khan, Jigyasa Chadha, Devesh Vashisht and Kinchin Bhardwaj*
298.	9	18	928	**Fault Detection and Fault Tolerance in Wireless Sensor Networks : A Survey** *Ankaj and Aarti Jain*
299.	9	18	1321	**Anatomization on Range-free Localization Algorithms in Wireless Sensor Networks** *Jigyasa Chadha and Aarti Jain*
300.	9	18	1447	**Closeness Centrality using Communication Aspect** *Poonam Rani*
301.	9	18	2012	**Qualitative and Quantitative SNA** *Poonam Rani, M. P. S. Bhatia and D. K. Tayal*
302.	9	18	2074	**An Innovative Passive Indoor Localization and Navigation**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Approach *Bhawana Chhaglani, Shivansh Garg, Abhay Sheel Anand and Jaspreet Singh*
				Track # 4: Software Engineering and Emerging Technologies **Session 4.4; Date: 15th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: Class Room (3rd Floor)** **(22 Paper Presentations)**
				Special Session ID: SS # 9.011 **Special Session Title: Mitigating Security Threats in Modern Programming Environs.** **Special Session Convened by: Prof. Sridaran** **(15 Papers Presentations)**
303.	9	11	841	**Performance Evaluation of Concurrency Control Algorithms for Temporal Database using Oracle 12c Enterprise Manager Performance Hub** *Jaypalsinh A. Gohil, R. Sridaran and Prashant M. Dolia*
304.	9	11	860	**A Survey on Various Intrusion Detection System Tools and Methods in Cloud Computing** *Swathy Akshaya M. and Padmavathi G.*
305.	9	11	862	**Study on Security Mitigation Models in Cloud Computing** *Maulik Tanna, R. Sridaran and Ashwin Dobariya*
306.	9	11	864	**A Comparative Study of Various Techniques and Challenges for Hand Written Document Processing of Indian Script** *Ashwin R. Dobariya and Maulik Tanna*
307.	9	11	877	**An Innovative Model (HS) to Enhance the Security in Windows Operating System - A Case Study** *Harsha Nair and R. Sridaran*
308.	9	11	911	**A Comparative Study of Machine Learning Techniques in Healthcare** *Divik Jain, Brijesh Kadecha and Sailesh Iyer*
309.	9	11	913	**Development and Analysis of Smart Digi-farming Robust Model for Production Optimization in Agriculture** *Harshkumar Prakashbhai Thakor and Sailesh Iyer*
310.	9	11	914	**A Comparative Study on Cyber Crime Mitigation Models** *Prashantkumar Bipinbhai Patel, Harshkumar Prakashbhai Thakor and Sailesh Iyer*
311.	9	11	915	**A Novel Architecture to Mitigate Wireless LAN based Phishing Attack** *Niraj Kumar Singh and R. Sridaran*
312.	9	11	955	**A Comparative Study of underlying Threats of Cloud Deployment Service Models** *Tshepiso Larona Mokgetse and R. Sridaran*
313.	9	11	975	**Mitigating Illicit Entry using Website Port Scanning Tools in Indian Context** *Brijesh Jajal, Sailesh Iyer and Dimple Chauhan*
314.	9	11	978	**Evaluation of Websites' Performance and Search Engine Optimization: A Case Study of 10 Indian University Websites** *Anu Mittal and R. Sridaran*
315.	9	11	979	**A Comparative Study, Analysis and Mitigation of e-Governance Models using Secure Information Exchange**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Sailesh Iyer, Brijesh Jajal and Dimple Chauhan
316.	9	11	1015	**Comparative Study and Analysis of Evaluation Matrices in Machine Translation** *Maitry B. Shukla and Bhoomika Chavada*
317.	9	11	1127	**A Study on Security and Privacy related Issues in Blockchain Based Applications** *Rujuta Shah and R. Sridaran*
				Special Session ID: SS # 9.015 **Special Session Title: Recent Advancements in Computer Science and Information Technology** **Special Session Convened by: Prof. Parminder Singh** **(7 Papers Presentations)**
318.	9	15	161	**Predictive Channel Propagation Delay and Correlate Link Level Scheduling in 5G Networks** *Teli Suresh, Abhinav Gupta and Parminder Singh*
319.	9	15	314	**A Review on Security Issues in VANETs** *Nitika Phull and Parminder Singh*
320.	9	15	1461	**A Review on Consumer Behavior Prediction using Data Mining Techniques** *Kareena and Nitika Kapoor*
321.	9	15	1799	**A Review on Delay Efficient Architecture for Software Defined Vehicular Networks (SDVN)** *Suhaib Rehman and Nitika Kapoor*
322.	9	15	2116	**A Review on Detection of Dehydration by using Pulse Oximetry in WBAN** *Rubal Jeet and Sandeep Singh Kang*
323.	9	15	2118	**Challenges and Security Issues in IoT-based Smart Networks : A Review** *Kamalinder Kaur and Sandeep Singh Kang*
324.	9	15	2135	**Detection and Mitigation of Network Vulnerability through Scheduling Framework in Software Defined Networks** *Reecha Sood and Sandeep Singh Kang*
				Track # 4: Software Engineering and Emerging Technologies **Session 4.5; Date: 15th March, 2019; Time: 12:00 p.m. to 1:30 p.m.** **Venue: Class Room (3rd Floor)** **(15 Paper Presentations)**
325.	4	1	1408	**Software Dependability : Classification and Categorization** *Syed Saif Ahmad Abidi and Mohd. Faizan Farooqui*
326.	4	1	1458	**Visible Raman and Impedance Spectroscopy Analysis of Bismuth-Rich Bismuth Ferrite Ceramic** *Sadhan Chandra Das, Sumant Katiyal, Abhijit Majumdar and T. Shripathi*
327.	4	1	1468	**Blockchain: From Invention to Transformation** *Akansha Chaturvedi and G. Mayil Muthu Kumaran*
328.	4	1	1487	**Machine Learning Techniques for Analyzing and Evaluating of CCBOX as Active Teaching Method at Higher Education Level** *Shivani A Trivedi*
329.	4	1	1604	**An Overview of Diabetes Mellitus Prediction through Machine Learning Approaches**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Mohammad Atif, Jamshed Siddiqui and Faisal Talib
330.	4	1	1616	**Distributed Ledger Technology for Closed Environment** *Faraz Masood and Arman Rasool Faridi*
331.	4	1	1623	**An Overview of Security Issues in Fog Computing** *Mohammad Luqman and Arman Rasool Faridi*
332.	4	1	1627	**Network Softwarization for IoT: A survey** *Ali Haider Shamsan and Arman Rasool Faridi*
333.	4	1	1700	**Development of Decision Support System for Promotion Assessment** *Sanjeev Kumar and Shivangi Gupta*
334.	4	1	1726	**Comparative Study of Name Matching Algorithms** *Ankita Pilania and G. Mayil Muthu Kumaran*
335.	4	1	1910	**Towards Realization of Assessment Module using Learning Management System for Integrated Course** *Shaligram Prajapat, Aishwarya Agrawal and Anita MC*
336.	4	1	2024	**Analytical Hierarchical Process for Software Dependability** *Syed Saif Ahmad Abidi and Mohd Faizan Farooqui*
337.	4	1	2025	**ORISYNCRASY an Ear Biometrics on the Fly** *Labhesh Valechha, Hitesh Valecha, Sharmila Sengupta, Varkha Ahuja and Tarun Chawla*
338.	4	1	2033	**An Intelligent System for Tourism Management using k-medoids Algorithm** *Rugved Deolekar and Amit Nerurkar*
339.	4	1	2039	**SMT algorithms for Indian languages - A Case Study of Moses and MT Hub for English-Maithili Language Pair** *Ritu Nidhi and Tanya Singh*
				Track # 4: Software Engineering and Emerging Technologies **Session 4.6; Date: 15th March, 2019; Time: 2:15 p.m. to 4:15 p.m.** **Venue: Class Room (3rd Floor)** **(7 Paper Presentations)** **Special Session ID: SS # 9.009** **Special Session Title: Big Data and IoT based Data Analytics** **Special Session Convened by: Prof. Nanhay Singh** **(2 Papers Presentations)**
340.	9	9	103	**Sentiment Analysis of Digital India using Lexicon Approach** *Dimple Tiwari and Nanhay Singh*
341.	9	9	1815	**Green Sense: A Smart Assistant for Agriculture Management using IoT and Deep Learning** *Arko Chatterjee, Abhijeet and Sampriti Basu*
				Special Session ID: SS # 9.014 **Special Session Title: Advances in Computing and Information Technology** **Special Session Convened by: Prof. Deepak Arora** **(4 Papers Presentations)**
342.	9	14	1185	**Implementing Machine Learning for Face Recognition based Attendance Monitoring System** *Tanya Srivastava, Vanshika Vaish, Puneet Sharma and Pooja Khanna*
343.	9	14	1328	**Tumor Segmentation and Detection using Convolutional**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				Neural Network *Anchal Agarwal, Prashant Awasthi, Puneet Sharma and Deepak Arora*
344.	9	14	1366	**Implications of MQTT Connectivity Protocol for IoT-based Device Automation using Home Assistant and OpenHAB** *Srijan Saxena, Sahaj Jain, Deepak Arora and Puneet Sharma*
345.	9	14	1380	**Implication of Machine Learning towards Weather Prediction** *Shivangi Raj, Deepak Arora, Pooja Khanna and Bramah Hazela*
				Special Session ID: SS # 9.016 **Special Session Title: Security Issues in information Technology** **Special Session Convened by: Prof. Dr. Pooja Sapra** **(1 Paper Presentation)**
346.	9	9.16	1983	**Data Provenance Techniques and Semantics using W7 Model - A Review** *Sonia Arora and Pooja Sapra*
				Track # 5: 5th International Workshop on Information Engineering and Management (IWIEM 2019) **Session 5.1; Date: 15th March, 2019; Time:** **Venue: Delphi Hall (Ground Floor)** **(13 Paper Presentations)** **Special Session ID: SS # 5.001** **Special Session Title: Information Engineering and Management** **Special Session Convened by: Prof. Mohammad Yamin** **(13 Papers Presentations)**
347.	5	1	64	**Machine Learning Random Forest Cluster Analysis for Large Overfitting Data : using R Programming** *Yagyanath Rimal*
348.	5	1	232	**Impact of Digital Marketing on the Enhancement of Brand Image in Saudi Arabia** *Meshal Abdulmahsen Alharbi*
349.	5	1	953	**Triple Cache Approach for Preserving Privacy and Enhancing Performance of LBS** *Yazed Alsaawy, Ahmad Alkhodre, Fathy Albouraey Eassa and Adnan Ahmed Abi Sen*
350.	5	1	954	**A Comparative Study between Security and Privacy** *Adnan Ahmed Abi Sen and Abdullah M. Basahel*
351.	5	1	1055	**Challenges in Digital Transformation in Saudi Arabia** *Awad Saleh Alharbi*
352.	5	1	1057	**Assessment of Organizational Digital Transformation in Saudi Arabia** *Awad Saleh Alharbi*
353.	5	1	1615	**Internet Banking Fraud Detection Using Deep Learning Based on Decision Tree and Multilayer Perceptron** *Sonal Kataria and Md Tabrez Nafis*
354.	5	1	1771	**Performance Analysis of Symmetric Uncertainty Based Optimal Attribute Generation Algorithm for Multiclass ECG**

S.No.	Track	Session	Paper ID	Title of the Papers along with the Name of the Authors
				in fuzzy rough domain *Archana Dikshit Ratnaparkhi , Dattatraya Bormane and Rajesh Ghongade*
355.	5	1	1990	**Role of Robots in Healthcare Management** *Meshal Alotaibi and Mohammad Yamin*
356.	5	1	2086	**Identification and Management of Growing Security Threats Towards KSA** *Mishaal MoflehAlmutairi and George Halikias*
357.	5	1	2091	**A Smartphone Application for Two-Way Divers Communication** *Kamal Hussein, Javier Poncela Gonzalez and Morshed Derbali*
358.	5	1	2119	**A Framework for Enhancing Relief System of Health Domain by IoT** *Nawal ALMohammadi, Adnan Ahmed Abi Sen, Hussein Borie, Abdullah AlMuhammadi, Ahmad Alkhodre and Mohammad Yamin*
359.	5	1	2120	**Factors Influencing Social E-commerce Success in Saudi Arabia - A Review** *Abdulrahman Ahmad Nasser Alkenani*