Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

Presentation Schedule
Track Wise – Session Wise List of Papers

S. No.	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; E-Block (2nd Floor); (21 Paper Presentations)**
1.	25	**Role of Modified Gabor Filter Algorithm in Multimodal Biometric Images** *Sharmila S.More, Bhawna Narain and B.T.Jadhav*
2.	65	**Movement Imagery based Real Time BCI System** *Sumanta Bhattacharyya and Manoj Kumar Mukul*
3.	813	**Comparative Design & Simulation of different architectures of differential amplifier using EDA tool** *Meenakshi Gupta, Shreya Gupta, Ravi Kumar and Vansh Tara*
4.	842	**Survey on Mining Frequent Item Sets over Uncertain Databases** *Sudhir Lawand, Sachin Deshpande and Umesh Kulkarni*
5.	995	**Enhanced Health Education Services through E-learning in the North East** *Lakshmi Kalyani, Arti Noor and V.K.Sharma*
6.	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.	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.	119	**Blockchain security for an IoT based world** *Saumitra Khanolkar and Sweta Mishra*
9.	360	**IoT Based Portable ECG Monitoring Device for Smart Healthcare** *Prachi Kamble and Ashish Birajdar*
10.	639	**Demand of Smart Homes in Indian Villages** *Prachi Hareshwar Patil, Krima Hetalkumar Shah, Tarun Dhirendra singh, Samrudha Sudhir Mhatre and Yogesh Pingle*
11.	644	**Flood detecting, forecasting, and analysis using IOT** *Dhiraj Damodar Tandel, Milind Vishnu Purohit, Akshay Vilas Sule, Samrudha Sudhir Mhatre and Yogesh Pingle*
12.	658	**Social Service Intelligent App for Senior Citizen** *Akshay Sule, Samrudha Mhatre, Dhiraj Tandel and Yogesh Pingle*
13.	1040	**SuperApp** *Deep Rajesh Shah, Aman Anand Baheti, Dhruv Viresh Gandhi, Ashish Shambhu Shaw, Darshit Haresh Kumar Mankar and . S. R. Gadgil*
14.	1116	**Green Wall Globalisation using IoT** *Sharvaree Jadhav, Akansha Dutt, Samrudha Mhatre, Krima Shah and Yogesh Pingle*
15.	1117	**Automated Lawn Mower using IoT** *Yogesh Pingle, Kajal Sule, Ritesh Jambhavdekar and Rinku Tandel*
16.	1118	**Real Time Event Summarization of Tweets with Segmentation** *Ashvini Ashok Chougule and Grishma Sharma*
17.	1273	**Security in Hadoop** *Omkar Shinde and Sweta Mishra*
18.	1291	**Chest X-Ray Image Classification and Object Correspondence**

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
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S. No.	Paper ID	Title of the Papers along with the Name of the Authors
		Poonam Bhogle, Vinitra Muralikrishnan and Showndarya Madhavan
19.	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.	1858	**Attendment - New age IoT Powered AI based attendance solution** *Sanchitsagar Singh, Raj Kotadia, Akash Rajpurohit and Aditya Manze*
21.	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; E-Block (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.	389	**Predication of Soil pH using K mean Segmentation and HSV Color Image Processing** *Utpal Barman, Ridip Dev Choudhury and Ikbal Uddin*
23.	445	**An Efficient Method to Overcome the Security Issues on Corporate & Personal Data Storage in the Cloud** *Marley Boniface Paul and Uzzal Sharma*
24.	1002	**A Brief Review on Blockchain and Distributed Ledger Technology** *Aniruddha Deka and Mary Debbarma*
25.	1031	**A New Approach To Design of an Email Classifier** *Aniruddha Deka, Raja Jwbthasha Daimari, Sangeeta Rai and Darpan Baruah*
26.	1611	**Memory Forensics Analysis for Investigation of Online Crime - A Review** *Arjun Chetry and Uzzal Sharma*
27.	1847	**An Analysis of an Isolated Assamese Digit Recognition Using MFCC and DTW** *Brajen Kumar Deka and Pranab Das*
28.	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; E-Block (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.	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.	969	**Smart Cities, the Future of Modern India: Bhubaneswar, A Case Study** *Anushree A Avasthi*
31.	973	**Efficient Decision Tree using Machine Learning tools for Acute Ailments** *Sanika Mohagaonkar, Anmol Rawlani and Ankur Saxena*
32.	1168	**Evolution of Machine Learning in Life Science** *Smriti Mishra, VibhaTaneja and AnkurSaxena*
33.	609	**Analysis of Machine Learning Algorithms and Obtaining Highest Accuracy for Prediction of Diabetes in Women** *Arushi Agarwal and Ankur Saxena*
34.	54	**Analyzing Viral Genomic Data using Hadoop Framework in Big Data** *Disha Nagpal, Shriya Sood, Sanika Mohagaonkar, Himanshu Sharma and Ankur Saxena*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
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S. No.	Paper ID	Title of the Papers along with the Name of the Authors
35.	120	**Tandem Repeats: Tool to Design Specific PCR Primers for Ralstonia Solanacearum** *Alka Grover, Shivani Chandra and Shalini Jauhari Jain*
36.	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, Signal Processing & Information Technology** **Special Session Convened by: Prof. Dr. Manisha Bharti; (12 Papers Presentations)**
37.	50	**Optical Character Recognition using Convolutional Neural Networks** *Sakshi Shreya, Yash Upadhyay, Mohit Manchanda, Rubeena Vohra and Gagan Deep Singh*
38.	794	**Coin Detection based Mobile Charging System** *Prateek Goyal and Parth Sarthi Sharma*
39.	798	**Closed form solutions of various Window Functions in Fractional Fourier Transform Domain** *Prabhakar Agarwal,Sandeep Kumar and S P Singh*
40.	962	**Strip Ground based Slotted Microstrip Antenna for Wireless Communication** *Pragya Gupta and Manisha Bharti*
41.	968	**Multiple Threshold CVSL Full adder Design** *Bhawanand Jha,Kirti Gupta and Neeta Pandey*
42.	1006	**A Prospect of Regulating Traffic through Smart Traffic System** *Vaibhav Shakkarwal,Srishti Part and Jolly Parikh*
43.	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.	1367	**An Efficient Approach to Implement Multiplier using Vedic Maths Squaring Technique** *Ashi Gupta, Pritish Kumawat and Gunjeet Kaur*
45.	1379	**Particle Swarm Optimization Exponential Constriction Factor (PSO-ECF) Based Channel Equalization** *Upendra Kumar Acharya and Sandeep Kumar*
46.	1504	**A Novel Low Power 12T SRAM Cell With Improved SNM** *Ashima and Manisha Bharti*
47.	1710	**Hybrid Application Development and Implementation** *Shelly Sachdeva, Priyam Mishra, Aashay Kumar and Ashutosh Kumar*
48.	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; E-Block (2nd Floor); (8 Paper Presentations)**
		**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)**
49.	41	**Identifying Outliers for Climatology Time Variant Series with Sliding Window** *Priyank Pandey, S.P. Ajith Kumar, Kaushal Mehta and Manoj Kumar*
50.	42	**Recent trends in Big Data Ingestion Tools: A survey** *Garima Sharma, Vikas Tripathi, Priyank Pandey and Manoj Kumar*
51.	43	**Security Concerns in Data Warehouses: Implementation and Analysis of Virtual Private Database** *Parul Madan , S.P. Ajith Kuma and Priyank Pandey*
52.	44	**Testing for ETL processes in Data Warehouse : A review** *Hemant singh ,Priyank Pandey and Kaushal Mehta*
53.	45	**Analysis of Movie Review Data using Opinion Mining** *Kireet Joshi and Priyank Pandey*
54.	46	**Big Data Storage & Analysis: Tools and Techniques** *Varsha mittal, D.R.Gangodkar and Bhasker Pant*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
55.	47	**A Framework for Analyzing the Exercise and Athletic Activities** *Chitransh Bose, Dhruv Sharma, Vikas Tripathi, Akash Singh and Priyank Pandey*
56.	925	**Wireless Adhoc Networks: Performance Analysis Considerations for AODV Routing Protocols** *S.P. Ajith Kumar and Rahul Sachdeva*
		Special Session ID: SS # 6.002 **Date: 13th March, 2019; Time: 9:00 a.m. to 11:00 a.m. Venue: E-201; E-Block (2nd Floor)** **Special Session Title: Intelligent Information Processing and Security** **Special Session Convened by: Prof. Dr. Ravinder Kumar; (10 Papers Presentations) + (1 Presentation From Track-2)**
57.	334	**Enhancing the Process to Detect Edges using PIYA** *Saurabh Allawadhi, Priti Gangania and Ravinder Kumar*
58.	515	**Study of Attenuation caused by Rain for the Development of Future Radio Technologies** *Hitesh Singh, Boncho Bonev, Peter Petkov and Ravinder Kumar*
59.	775	**A Finger-knuckle-print Classification using SVM and k-NN and Result Analysis for Different Kernels** *Brajesh Kumar Singh and Ravinder Kumar*
60.	1034	**Automated Text Extraction from Images - Using OCR Systems** *Chandni Kaundilya, Diksha Chawla and Yatin Chopra*
61.	1139	**The Privacy Preservation of Patients' Health Records Using Soft Computing in Python** *Sachin Aggarwal, Anil Kumar and Ravinder Kumar*
62.	1173	**Privacy-Preservation of Vertically Partioned Electronic Health Record using Perturbation Methods** *Anil Kumar and Ravinder Kumar*
63.	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*
64.	1420	**An Empirical Analysis of Stock Market Price Prediction using ARIMA and SVR model** *Lokesh Kumar Shrivastav and Ravinder Kumar*
65.	1454	**Attendance Monitoring System through Face Recognition** *Vaibhav Grover and Nishtha Chhabra*
66.	2076	**Neural Network for Volatile Stock Market Prediction** *Samanyu Puri and Lokesh Kumar Shrivastava*
67.	1053	**A Survey of Different Tools and Approaches for AL-DDoS Attack** *Bharati Bargot and Umesh Kulkarni*
		Track # 1: Sustainable Computing **Session 1.5; Date: 15th March, 2019; Time: 12:00 p.m. to 1:30 p.m.** **Venue: E-201; E-Block (2nd Floor); (15 Paper Presentations)**
68.	1264	**Comparison of Matrix Factorization and Graph-Based Models for Summary Extraction** *Piyush Raj, Arshdeep Singh, Apoorv Bhandari, Mrinal Puri and Shaily Malik*
69.	1305	**Data Cleaning Mechanism for Big Data and Cloud Computing** *Kumar Rahul and R K Banyal*
70.	1365	**An Insight on Big Data Computing** *Nitish Pathak, Vaishali Singhal, Neelam Sharma, Ritika Wason and Tanvi Gautam*
71.	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*
72.	1472	**Sensor Based Automated Parking System** *Ashish Kumar, Manjeet Mishra, Gaurav Shukla and Mohit Kumar Singh*
73.	1486	**A Review of Energy Efficient Optimization Techniques for VM Placement in Cloud Data Centers** *Inderjit Singh Dhanoa*

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74.	1530	**Route Optimization Application using Server-Client Architecture and Google APIs.** *Ishita Malhotra, Projit Chandra and Souptik Kumar Majumdar*
75.	1898	**A Survey of Motion Detection in Image Sequences** *Ishita Arora and M. Gangadharappa*
76.	1950	**Design of Flexible UWB Monopole Antenna with RFID for Automotive Applications** *Vishal Hirawat, S.Kolangiammal and S. Shashank*
77.	2004	**Solar Energy Harvesting in Wireless Sensor Networks - A Survey** *Amit Kaushal and Shiva Prakash*
78.	2023	**A Survey on Cloud Security Issues and Challenges** *Madhvi Popli and Gagandeep*
79.	2035	**Brain Anomaly Prediction using Modified Clustering (MC)** *Sukanya Roy, Bipasha Roy, Arunabha Tarafdar and Arnab Bhowmik*
80.	2041	**A Fully Automatic Water Feature Extraction Method with Adaptive Training Samples and One-Class Classification Algorithms** *Alok Kumar Singh and Lokesh Kumar Singh*
81.	2084	**Modelling the Intentions to Adopt UPIs: A PLS- SEM Approach** *Sahil Gupta, Ruchi Mittal and Amit Mittal*
82.	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: 15th March, 2019; Time: 2:15 p.m. to 4:15 p.m.** **Venue: E-201; E-Block (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)**
83.	1172	**LDPC with STBC in Multiple Input and Multiple Output System** *Arika Singla , Sanchita Dhar and Mohit Verma*
84.	1268	**Cognitive Radio: Next Face of Communication** *Shubham, Abhishek Ranjan,Priyanka Bansa and Mohit Verma*
85.	1297	**Wearable and Flexible Wireless System Technology: A Review** *R.Jahnavi, Anita Choudhary, Abhishek Singh and Vimlesh Singh*
86.	1316	**Continuous Evolution Path for 5G: Comprehensive Study and Challenges** *Vaibhav Chaudhary , Deepika Singh, Prerna Kakkar and Mohit Verma*
87.	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)**
88.	69	**Range Search in kdSLst Indexing Structure** *Meenakshi and Sumeet Gill*
89.	226	**Energy Optimization for MANET** *Ajay Kumar Sharma, D.K Chauhan and Anuranjan Mishra*
90.	2092	**Devising a Novel Bridge Technique for Clustering Problem** *Kamalpreet Bindra and Anuranjan Mishra*
91.	2093	**Service Level Agreements for Cloud Infrastructures** *Shruti Garg and Anuranjan Misra*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
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Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
		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; E-Block (2nd Floor); (21 Paper Presentations)
92.	31	**Performance Analysis of PL/SQL Query Optimization Techniques** *Naveen Kumar, G Mayil Muthu Kumaran and Deepjot Kaur*
93.	104	**Cognitive Emotion Measures of Brain** *Rubleen Kaur, Rupali Gill and Jaiteg Singh*
94.	105	**Deep Learning based Real Time Object Recognition for Security in Air Defense** *S Pradeep and Yogesh Kumar Sharma*
95.	357	**Simulation of Smart Sensors in Automobile using VHDL** *Tiwari Priti Ramesh, Satish Kumar, Prabhakar Alok Ravi and Aryandra Kumar Jouhari*
96.	490	**IoT Based Smart Security System – *IBSSS*** *Vaibhav goel, Vivek chauhan, Ravi Chandra jha and Shivang pandey*
97.	507	**Web Search Personalization using Semantic Similarity Measure** *Sunny Sharma and Vijay Rana*
98.	558	**Designing an Integrated Data Warehouse Schema by Integrating Relational and Dimensional** *Md. Shams Raza, Anil Kumar Singh and Md. Tanweerudin Haider*
99.	668	**Real-time Object Detection for Visually Impaired with Optimal Combination of Scores** *Siddharth Sagar Nijhawan, Aditi Kumar, Shubham Bhardwaj and Geeta Nijhawan*
100.	670	**Holistic IoT Architecture for Smart Sustainable Cities - Current Perspective and Future Directions** *Saleh. H. Alyami and Eissa Alreshidi*
101.	917	**IoT- A Technological Boon in Natural Disaster Prediction** *Yogesh Awasthi and Amin Mohammed*
102.	964	**Wireless Propagation of Electricity: Advancements and Challenges** *Parth Sarthi, Abhiruchi Passi, Monika Choudhary and Mohit Verma*
103.	1042	**Coalition of IoT & Blockchain: Rewards & Challenges** *Anupam Tiwar and Usha Batra*
104.	1294	**FarmGuide- One-Stop Solution to Farmers** *Gresha S. Bhatia, Pankaj Ahuja, Devendra Chaudhari, Sanket Paratkar and Akshaya Patil*
105.	1730	**Accelerating Image and Sensor Data Computation in Smartphones** *Chaitanya Krishna Medipally*
106.	1960	**Text to Image Generation of Fashion Clothing** *Anish Jain, Diti Modi, Rudra Jikadra and Shweta Chachra*
107.	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; (5 Papers Presentations)**
108.	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*
109.	1613	**Multiple Seed Node based Content Transmission in WSn** *Bhushan N Mahajan, Anjali R Mahajan and A. Thomas*
110.	1797	**BFO and GA based Optimization of Illumination Switching Patterns in Large Establishments** *Namrata Karlupia, Priyanka Sambyal, Pawanesh Abrol and Parveen Lehana*
111.	2029	**Performance Analysis of Symmetric Encryption Algorithms for their Encryption and Decryption Time** *Nilesh Amarbhai Advani and Atul M Gonsai*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
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S. No.	Paper ID	Title of the Papers along with the Name of the Authors
Track # 2: High Performance Computing		

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
		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; E-Block (2nd Floor); (06 Paper Presentations)**
112.	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.	1021	**Apply Machine Learning for Healthcare to Enhance Performance and Identify Informative Features** *Shiwani Gupta and R. R. Sedamkar*
114.	1289	**Improve end-to-end Security using S-aePAKE** *HirenParmar and AtulGosai*
		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)**
115.	1138	**Development of Artificial Learning Machine using Database Technology and Fuzzy Logic** *R. Nandhakumar and K. Govindarajan*
116.	1720	**RNN based Recommendation Engine : A Paradigm Shift towards Deep Learning** *Ajay Dhruv, Sarvesh Kuthe, Vatsal Kotecha and Aditya Ovhal*
117.	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; E-Block (2nd Floor); (14 Paper Presentations)**
118.	1371	**Trends and Augmentations of Cloud Computing** *Nitish Pathak, Vaishali Singhal and Sagir Anwar*
119.	1436	**Deep Learning aiding Health Informatics in Drug Discovery** *Malvika Jasrotia and Prabhpreet Kaur*
120.	1446	**Implementation of Special Modulii Set Adders** *Shaheen Khan and Zainul Abdin Jaffery*
121.	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*
122.	1471	**A Quantitative Performance Analysis between MongoDB and Oracle NoSQL** *Sarita Padhy and G Mayil Muthu Kumaran*
123.	1528	**Behaviour Analysis of Special Child for Helping them to Educate** *Azra Shireen and Urmila Shrawankar*
124.	1607	**Scalable, Distributed Application & Database Systems for e-Governance** *Ashish Pilania and G Mayil Muthu Kumaran*
125.	1696	**Energy Efficient Green Consolidator for Cloud Data Centers** *Chetan Dhule and Urmila Shrawankar*
126.	1725	**Data Grid Optimization using Replica Replacement** *Sudalai Muthu T and Pandiaraj S*
127.	1989	**Prediction of Breast Cancer using Deep Learning Approach** *Nasreen Sultana Quadri, Ashraf Ali and Sara Faleh Alsoghier*
128.	2048	**Classifying Car Collisions and Road Safety using Doppler Effect with Machine Learning** *Mohd. Umar Farooq and Tahniyat Yasmeen*
129.	2087	**A Link Prediction Model using Similarity and Centrality based Features** *Ankita and Nanhay Singh*
130.	2112	**A Comprehensive view of Different Computing Techniques - A Systematic detailed literature review** *Yogesh Kumar, Surabhi Kaul and Kanika Sood*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
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S. No.	Paper ID	Title of the Papers along with the Name of the Authors
131.	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; E-Block (2nd Floor); (13 Paper Presentations)**
132.	231	**A Clustering Approach using PSO Optimization Technique for Data Mining** *Rashmi Dagde, Dipeeka Radke and Ashwini Lokhande*
133.	1340	**Signal Detection Techniques for Spatially Multiplexed MIMO Systems** *A.Udawat, S. Katiyal and P.C. Sharma*
134.	2098	**Effective RDH based on Histogram Shifting Using Visual Cryptography** *Archana A Nikose, Shrunkhala S Wankhede and Dipak B. Khadse*
135.	2115	**Blockchain-based Digital-Voting: Effectiveness and Challenges in Afghanistan** *Muhammad Hadi Hedayati, Jawid Ahmad Baktash and Omer Salim Mohmand*
136.	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.	106	**Face Recognition in Real Time Video using Haar Cascade Classifier** *Preeti Saini, Bharti Nagpal, Sheersh Kaushik and Purnima Gupta*
138.	669	**Impact of Deep Learning Approaches in Computer Vision System** *Preeti Saini and Bharti Nagpal*
139.	1029	**Analytics to uplift Big Social Events** *Priyanka Dhaka and Bharti Nagpal*
140.	1258	**Comparison of Various Machine Learning Techniques for Creating Optimal Optical Character Recognizer** *Meenu Garg, Sameer Maurya and Samyak Jain*
141.	1602	**Heart Disease Prediction** *Sejal Sethi, Bhaskar Kapoor and Seema Kalonia*
142.	1849	**Home Automation System using ESP8266** *Tejinder Kaur, Puneet Sharma and Neha Singh*
143.	2163	**Survey on Location based Advertising** *Vinita Rohilla and Rajiv Kumar*
144.	2166	**Linguistic Resource Approach Edge over Machine Learning :- A Study using Sentiment Analysis** *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; E-Block (2nd Floor); (12 Paper Presentations)**
145.	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.	111	**Addressing Formulas for Elements of 3D Sparse Matrices in 1D Arrays** *Ashish Pandey, Stuti Pandey, Abhay Kumar Agarwal and Abhishek Pandey*
147.	335	**Analysis of Impact of Recruitment and Selection at Managerial level** *Anju Khandelwal and Avanish Kumar*
148.	516	**A Queueing based Spectrum Management Scheme with p-Retry policy for Cognitive Radio Networks**

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
		Shruti and Rakhee Kulshrestha
149.	863	**Minute Maid V/s Tropicana - A Comparative Study of discordant Fruit Juice Rivals at Bareilly** *Ankita Tandon, Pushpendra Yadav and Sarika Singh*
150.	1142	**Study of Routing Protocols in MANET- A Review** *Neha Sharma and Shahjahan Ali*
151.	1223	**Acceptance and uses of Agile Tools in IT Organizations** *Kumari Hemlata, Shivangi Agarwal, Nayla Sherwani and Ashish Agrawal*
152.	1228	**An approach to Improve Planning Poker Technique of Software Effort Estimation using Fuzzy Logic** *Gargi Agarwal and Ashish Agrawal*
153.	1347	**Comparative Study of LEACH,N-LEACH, and SEP Routing Protocols for Wireless Sensor Networks** *Vikram Singh and Anshul Rastogi*
154.	1502	**Disease Predictive Analytics in Healthcare using Machine Learning : A review** *Niharika Saxena and L. S. Maurya*
155.	1520	**A Petri Net Analysis to Study the Effects of Diabetes on Cardiovascular Diseases** *Gajendra Pratap Singh and Agraj Gupta*
156.	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; E-Block (2nd Floor); (17 Paper Presentations)**
157.	1896	**Personality Prediction from Social Media Images: A Content Driven Approach** *Yuktee Sahu, Yash Ramani, Viral Parekh and Nishit Maru*
		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; (07 Papers Presentations)**
158.	823	**Comparative Analysis of Plasmonic Metamaterial Absorber for Noble, Alkaline Earth and Transition Metals in Visible Region** *Swapandeep Kaur and Harsimran Jit Kaur*
159.	1432	**Automated Plant Species Identification : A Review** *Surleen Kaur and Prabhpreet Kaur*
160.	2121	**A Comparative Analysis of Routing Protocols in IoT** *Shruti Pathak and Bhisham Sharma*
161.	2122	**Review on Face Recognition by Machine Learning and Deep Learning Approaches** *Pooja Jain, Sheifali Gupta and K. R. Ramkumar*
162.	2123	**Comparative Analysis of Image Fusion Methods** *Kanika Bhalla, Bhisham Sharma and Deepika Koundal*
163.	2126	**A Comparative Analysis of Eye Gaze Estimation Techniques** *Nandini Modi and Jaiteg Singh*
164.	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)**
165.	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*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
166.	721	**Design and Analysis of Fiber Bragg Grating Sensor package for Hydro-Acoustic Application** *Regina Mathias, Swarajit Pal and J Deenathayalan*
167.	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*
168.	838	**Circular Diaphragm-based MOEMS Pressure Sensor using Ring Resonator** *Yashaswini P R, Mamatha N and P C Srikanth*
169.	924	**Highly Sensitive Plasmonic Sensor for Detection of Malignant Tissue of Melanoma** *Nandhini V L, Chandra Shekar N and K. Suresh Babu*
170.	992	**Design and Development of Bionic Hand for Amputees** *Nivin M, Pooja V Nayak, Rohoni B Rao and Vedik R*
171.	2055	**Quantum Dotbased Circuit-Switched Network Equipment for Digital Communication** *Preeta Sharan, Akshaya S, Prithvi Hemanth, Soni Kumari and Shushank Shekhar*
172.	2099	**A Novel Low Power MUX based Dynamic Barrel Shifter using Footed Diode Domino Logic** *Bharathesh Patel N and Manju Devi*
173.	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; E-Block (3rd Floor); (24 Paper Presentations)**
174.	1165	**IoT based Approach for Automatic Irrigation System and Securing the Farm** *Amit Nerurkar, Swapnil Sonawane, Rugved Deolekar and Dilip Motwani*
		Special Session ID: SS # 8.008 **Special Session Title: Antenna Design and Next Generation Wireless Networks** **Special Session Convened by: Prof. Dinesh Sharma; (01 Paper Presentation)**
175.	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)**
176.	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*
177.	230	**Simulation based Analysis of Reliable and Fast Hand-off in Wireless Networks** *Kalpesh A. Popat, Jaypal Sinh A. Gohil and Priyanka Sharma*
178.	981	**Enhanced Prototype Model for Energy Efficient Algorithm of LEACH over Wireless Sensor Network** *Dimple Chauahn, Shailesh Iyer and Brijesh Jajal*
179.	1018	**Mobile Edge Computing Enabled Blockchain Framework- A Survey** *Pronaya Bhattacharya, Arunendra Singh, Rutvi Shah and Rushabh Shah*
180.	1163	**Predicting Success of a Movie from YouTube Trailer Comments using Sentiment Analysis** *Heena Timani, Parag Shah and Manasi Joshi*
181.	1233	**Internet Of Things : Application and Challenges** *Riddhi A Joshi, Hiral K Thakar and Ashwin Dobariya*
182.	1437	**Comparative Analysis of Machine Learning Classifiers on Bioinformatics and Clinical Datasets** *Falguni Ranadive, Akil Surti and Priyanka Sharma*
183.	1493	**Scope of Cyber security** *Riddhi A Joshi and Hiral K Thakar*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
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; (06 Papers Presentations)		
184.	1005	**Offline Real-Time Portable GPS Tracking** *Parth Sarthi Sharma, Prabhat Singh, Piyush Kumar Jha, Prince Kumar Roy and Richa Bhatia*
185.	1022	**Review of Mixed Line rate and Elastic Optical Network** *Ritu Agarwal and Richa Bhatia*
186.	1060	**Techniques for Improving the Performance of FSO under Atmospheric Turbulence** *Deeksha Varshney and Richa Bhatia*
187.	1176	**An Overview of Elastic Communication Techniques for Wireless MIMO Systems** *Krishna Meena and Richa Bhatia*
188.	1334	**VANET Protocols with Challenges- A Review** *Praveen Kumar and Poonam Singhal*
189.	1450	**Comparison of MANET and VANET Applications for 5G Technology– A Review** *Akash Verma*
Special Session ID: SS # 8.013		
Special Session Title: Wireless Sensor Networks and Internet of Things		
Special Session Convened by: Prof. Garima Srivastava; (08 Papers Presentations)		
190.	456	**Quantum Computing: A New Era of Computer Science** *Hemant Bhatt and Shubhra Gautam*
191.	672	**Design of multiband H plane Horn Antenna using SIW Technology** *Vibhas Kumar, Priyanka Kumari, Lavleesh Kumar and Neeta Singh*
192.	719	**Investigation on Dielectric Resonator Antenna and Stacked DRA** *Deepika, RS Yaduvanshi and Neeta Singh*
193.	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*
194.	1148	**A Triangular Monopole Antenna with GFET Rectifier for RF Energy Harvesting Applications** *Neeta Singh, Garima Srivastava and BK Kanaujia*
195.	1351	**Energy Efficient Selective Heterogeneity Model for WSN** *Roshni Kapoor and Pooja Mishra*
196.	1625	**Design and Simulation of 6-bitMMIC Digital Attenuator using GaN pHEMT** *Shikha Swaroop Sharma, Swati Sharma and Atul Kumar Pandey*
197.	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*
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; E-Block (3rd Floor); (13 Paper Presentations)		
198.	7	**Study on MAC Protocols and Attacks: A Review** *Suresh Kumar Punia and Fatima Ziya*
199.	22	**Latest Trends and Future Directions of Localization Algorithms in Wireless Sensor Networks** *Ravi Sharma and Shiva Prakash*
200.	49	**Comparative Analysis of Zero-Knowledge Proofs Technique using Quadratic Residuosity Problem** *Chitranjan Prasad Sah and Preeti Rani Gupta*
201.	53	**Least Squares Channel Estimation for Downlink Multiple-Antenna Wireless Networks** *Ridhima Mehta*
202.	70	**Improvement in Phishing Websites Detection Using Meta Classifiers** *Yogesh Chandra and Antoreep Jana*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
203.	926	**Performance Comparison of Trust Based Clustering Protocols for Wireless Sensor Networks** *Richa Sharma, VasudhaVashisht and Umang Singh*
204.	960	**Application Independent Security for IEEE 802.15.1** *Rakesh Shukla, Hari Om Prakash and R. Phanibhusan*
205.	963	**Placement of Relay nodes in WBAN improved by Free Search Krill Herd Optimization** *SushreeChinmayee Patra and Manas Ranjan Kabat*
206.	987	**Digital Forensic Analysis of Facebook App in Virtual Environment** *Animesh Kumar Agarwal, Aman Sharma and Pallavi Khatri*
207.	1027	**Challenges and Issues in Securing Data Privacy in IoT and Connected Devices** *Prakhar Sahu, S. K. Singh and Pankaj Kumar*
208.	1128	**Source to Multiple Sink Capacity Related Reliability of Wireless Sensor Networks** *Sonam lata and Shabana Mehfuz*
209.	1140	**Implementation of Security in FOG based Environment** *Ayushi and Manisha Agarwal*
210.	1164	**Fuzzy Constraints Notification MAC Protocol in Wireless Body Area Networks** *Tushar KantaSamal and Manas Ranjan Kabat*
		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; E-Block (3rd Floor); (02 Paper Presentations)**
211.	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)*
212.	2079	**Artificially Enhanced Tele-operated Humanoid Robot** *Ali Shahbaaz Khan, Amrit Das, Piyush Jaipuriyar, Gunjan Chourasia, Akarsh Shrivastava and M. Sangeetha* *(SS# 9.017)*
		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; E-Block (3rd Floor); (21 Paper Presentations)**
		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; (02 Papers Presentations)**
213.	839	**Recent Trends for Security Applications in Wireless Sensor Networks – A Technical Review** *JyotiBhola, Surender Soni and Gagandeep Kaur Cheema*
214.	1205	**Distance Vector Hop Based Range Free Localization in WSN using Genetic Algorithm** *Vivek Kanwar and Ashok Kumar*
		Special Session ID: SS # 8.016 **Special Session Title: Information System and Technologies** **Special Session Convened by: Prof. Parul Gandhi; (09 Papers Presentations)**
215.	267	**Bipolar Words Extraction using Sentiment Analysis: A Study** *Neha Nandal, Jyoti Pruthi and Amit Choudhary*
216.	725	**Review Study on Software Defect Prediction Models premised upon Various Data Mining Approaches** *Bharti Bisht and Parul Gandhi*
217.	956	**A New Approach for Analyzing Human Body Temperature** *Robin Swamy, Anupriya Jain and Prasenjit Banerjee*
218.	959	**A Contemplate on Multi Factor Authentication** *Priyanka Sharma*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
219.	1056	**Study of Reliability of Object-Oriented Structure consuming CK Metrics** *Ravi Kumar Sharma and Parul Gandhi*
220.	1190	**A Walk-through of Expert Systems for Diagnosis of high Risk Pregnancy: A Retrospective** *Deepanshi and JyotiPruthi*
221.	1313	**Skip Gram Model base Entropy Reduction using Vision based Page Segmentation for Web Mining** *Meena Chaudhary and Jyoti Pruthi*
222.	1527	**A Cluster-based WSN for the Earthquake and Tsunami Detection and Mitigation** *AghaImran Husain and Hanu Bhardwaj*
223.	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; (10 Papers Presentations)**
224.	1124	**A Review on Various Techniques of Brain Tumor Boundary Detection** *Sunita Dharnia and Vikas Wasson*
225.	1175	**A Novel Approach for Energy Efficiency and Congestion Control in WBAN** *Navpreet Kaur Samra, Ramanpreet Kaur and Bikram Pal Kaur*
226.	1254	**Cloud Integrated Fog Environment for Security and Integrity in Internet of Things (IoT)** *Inderpreet Kaur, Preet Navdeep and Bikram Pal Kaur*
227.	1418	**Investigation of Privacy Preservation Techniques in Big Data** *Sukhjeet Kaur, Chetna, Bikram Pal Kaur and B. K. Verma*
228.	1422	**Sentimental Analysis Employing Facial Expression in Big Data: A Survey** *Surbhi, Chetna and B. K. Verma*
229.	1545	**Post Processing of Image Segmentation using Conditional Random Fields** *Aashish Dhawan, Pankaj Bodani and Vishal Garg*
230.	1785	**Full Reference Image Quality Assessment from IQA Datasets: A Review** *Vikas Wasson and Bikram Pal Kaur*
231.	1870	**Optimization of iM-SIMPLE Protocol using GA in WBAN** *Ramanpreet Kaur, Bikram Pal Kaur and Ruchi Singla*
232.	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*
233.	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.** **Venue: Seminar Hall; E-Block (3rd Floor); (17 Papers Presentations)**
234.	273	**Sensor Node Deployment for Wireless Sensor Networks: An Improved Approach** *Usha Soni Verma and Namit Gupta*
235.	966	**Energy Efficient Mac & Routing Protocols – Survey** *Chaitra S N, D.K. Sreekantha, K.V.S.S.S.S. Sairam and MahendraS.Naik*
236.	1050	**Vector Controlled Wireless Robotic Arm** *Vikas Varshney, Pranjal Jha,Arvind Kumar, Manish Nath Tiwari, Tushar Saxena and Savita*
237.	1169	**Blockchain Distributed Cloud Storage Network Tool (BCCNT)** *Rishabh Bansal, Nimish Niret Soren and Ankita Sharma*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
238.	1286	**Mobile Data Gathering Approaches in Wireless Sensor Networks: A Survey** *Anu Raj and Shiva Prakash*
239.	1306	**Privacy Preserving Data Mining Model for the Social Networking** *Ratandeep Kaur, Manisha Sharma and S. Taruna*
240.	1363	**Reversible Data Hiding based on Horizontal and Vertical Pixel Pair Selection in Dual Stego Images** *C.Shaji and I. Shatheesh Sam*
241.	1425	**A Light-Weight Authentication Scheme for Cloud-Centric IoT Applications** *Sampa Sahoo, Bibhudatta Sahoo, Shreeya Swagatika Sahoo, Ashok Kumar Turuk and Prasenjit Maiti*
242.	1440	**Refined Neighbor Mean Interpolation Algorithm for Reversible Data-Hiding Techniques** *Akshika Verma and Khushil Kumar Saini*
243.	1452	**Enhancing the Performance of Classification Algorithms with Discretization on NSL-KDD Dataset** *Y. P. Raiwani and Shailesh Singh Panwar*
244.	1658	**Investigation of Privacy Preserving Data Models and Contributions** *Kamlesh Ahuja, Navneet Sharma and Durgesh Kumar Mishra*
245.	1658	**Investigation of Privacy-Preserving Data Models and Contributions** *Kamlesh Ahuja, Navneet Sharma and Durgesh Kumar Mishra*
246.	1702	**A Visual Cryptography Scheme for Secret Hiding using Pre-Processing** *Nitin Verma, Pinki Nayak and Pooja Singh*
247.	1804	**Secure Hashing Algorithms and their Comparison** *Rohit, Sagar Kamra, Alka Leekha and Manu Sharma*
248.	1864	**Delay and Energy Aware Protocol in Mobile Adhoc Network using Optimization Algorithm** *Dapinder Kaur and Neeraj Battish*
249.	2153	**A Comparative Study of Clustering Algorithms** *Manoj Kumar Gupta and Pravin Chandra*
250.	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; E-Block (3rd Floor); (03 Papers Presentations)**
		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 (03 Papers Presentations)**
251.	837	**Prediction of Heart Diseases using Data Mining Technique** *Shivani Aggarwal and Arvind Kumar*
252.	1749	**Analysis of Directional Location Aided Routing (D-LAR) Protocol for VANETs** *Brijesh Kumar, Jai Prakashnagar and Ram Shringar Rao*
253.	2165	**A Novel Framework for Cloud Computing Enabled 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; E-Block (3rd Floor); (26 Paper Presentations)**
254.	1066	**Comparitive Analysis of Biometric Systems** *Abhijyot Ahire, Aditya Jambhale, Tanuj Patil, Manish Chavan, Amit Nerurkar and Rugved V Deolekar*
255.	1080	**Plant Disease Prediction using Deep Learning and IoT** *Akashkumar Gupta, Kishan Gupta, Jayant Jadhav, Rugved V Deolekar, Amit Nerurkar and Sachin Deshpande*
256.	1267	**Syllable Generation by Eliciting Knowledge** **of Recommended Song**

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
		Rohit R. Kumbhar, Amit K. Nerurkar, Bhavika P. Poojary and Parimal B. Pandhare
257.	2033	**An Intelligent System for Tourism Management using k-medoids Algorithm** *Rugved Deolekar, Amit Nerurkar, Sachin Deshpande and Dilip Motwani*
		Special Session ID: SS # 9.004 **Special Session Title: Recent Advances in Information Technology** **Special Session Convened by: Prof. Dr. Rosy Madaan; (08 Papers Presentations)**
258.	37	**Design and Implementation of Efficient Digital Filter for Pre-processing of EEG Signals** *Anshul, Dipali Bansal and Rashima Mahajan*
259.	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*
260.	1054	**Study of Different Simulation Software for Optimization and Economic Analysis of Photovoltaic System** *Ashish Grover, Anita Khosla and Dheeraj Joshi*
261.	1061	**A Study of Solar Powered Water Pumping System using PVsyst** *Richa Khera, Anita Khosla and Dheeraj Joshi*
262.	1135	**Route Prediction Techniques using GPS Traces and Spatial Data** *Sudhir Kumar Adlakha, Himanshu Sharma, Komal Kumar Bhatia and Neelam Duhan*
263.	1440	**A Survey on Automatic Text Summarization with Coherence** *Keerti, Neelam Duhan and Komal Kumar Bhatia*
264.	1691	**Automated Predicting of Tags for Stack Overflow Questions : A Survey** *Suman and Payal Gulati*
265.	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)**
266.	59	**Comparison between Classical and Quantum Cryptography** *Shravan Kumar Sehgal and Rashmi Gupta*
267.	134	**Crack Detection and Removal in Digital Images** *Neha Sharma, Sandhya Kanoujia and Rashmi Gupta*
268.	146	**Edge Detection Methods in Image Processing** *Sneh Rachna, Prachi Gautam and Shivani Nayan*
269.	224	**Comparative Study of Gender Classification using Fingerprints** *Shadab Alam, Dipti, Megha Dua and Ashutosh Gupta*
270.	225	**Modified ADMF for Pitch Extraction of Speech Signal** *Dipti Kalra, Mahir Dhawan and Utsa Madan*
271.	268	**Comparative Analysis of Domains of Technical Steganographic Techniques** *Sachin Dhawan and Rashmi Gupta*
272.	1049	**Spectroscopic Data Analysis using Artificial Neural Network and Continuous Wavelet Transform Algorithms** *Shruti and Dipti Kalra*
273.	1051	**Human-Computer Interaction- An Overview of Software Architecture** *Sonal Pandey, Abha Rani, Suman Arora and Shilpa Jain*
274.	1153	**A Review on ECG Signal Analysis for Mental Stress Assessment** *Sanjeev Kumar Saini and Rashmi Gupta*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
275.	1276	**Routing Strategy based on Centrality in Opportunistic Networks** *Nidhi Raghav and Anoop Kumar*
276.	1412	**IoT-based Solar Hydroponics Farming** *Mohd Fahad Ali, Parth Thakur, Pooja Mendiratta and Neha Gupta*
277.	1441	**Investigations on Lifetime and Energy Optimization of WSN based on Hybrid Clustering Algorithm** *Vasudha and Anoop Bhola*
278.	1514	**Comparison of Various Techniques for Speaker Recognition** *Ajay Kumar, Ravindra Singh, Kavita and Shravan Kumar Sehgal*
279.	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; E-Block (3rd Floor); (09 Paper Presentations)**
280.	1326	**Framework for Mass Based Big Data Analysis using Agent Mobility** *Rashmi Pandey, Anand Kumar Pandey, Neeraj Goyal and Hariom Sharma*
		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)**
281.	1612	**Novel Method to detect Pitch using Laplace Transform** *Dipti Kalra, Jaideep Puri and Aditya Kalra*
282.	1754	**Comparison of Various Deep Learning Models for Facial Recognition** *Tanupreet Sabharwal, Tanya Garg and Sanghmitra Vikram Singh*
283.	2097	**Localisation of License Plate and Character Recognition using Haar Cascade** *Parth Sarthi Sharma, Naef Ahmad, Nitish Kumar, Prince Kumar Roy and Jai Ahuja*
284.	2137	**Comparison of Soft Computing Paradigms for Automatic Humour Detection in Tweets** *Vaibhav Mathur, Anshu Mathur and Sunil Kumar*
285.	2155	**Sentiment Analysis of Twitter Posts using Machine Learning Algorithms** *Ashutosh Gupta, Anusha Singh, Ishan Pandita and Harsh Parashar*
286.	2158	**Design and Development of Intellectual Robotic Arm** *Vikas Varshney, Arvind Kumar, Tushar Saxena, Pranjal Jha, Manish Nath Tiwari and Savita*
287.	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*
288.	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; E-Block (3rd Floor); (14 Paper Presentations)**
289.	428	**Evaluation of Classification Techniques for IVUS Images** *S. Sridevi and M. Sundaresan*
290.	667	**Analyzing Factors Influencing Flight Delay Prediction** *Rutuja Dhanawade, Mandar Deo, Nidhi Khanna and Rugved V Deolekar*
291.	673	**Implementing a Mechanism for Malicious URLs Detection** *Animesh Bhagwat, Kuldeep Lodhi, Shreyas Dalvi and Umesh Kulkarni*
292.	824	**A Survey on Software Defect Prediction in Cross Project** *Rohini Jadhav, Shashank.D.Joshi, Umesh Thorat and Aditi S. Joshi*
293.	952	**A Survey of Approaches for Sentiment Analysis on Social Media** *Shailja Bhardwaj and Janmejay Pant*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
294.	1017	**A Comparative Study of Clone Detection Approaches** *Laxmi, Huma Jameel and Neelam Duhan*
295.	1026	**Crowdfunding Fraud Prevention using Blockchain** *Shivansh Pandey, Shivam Goel, Subodh Bansla and Dhiraj Pandey*
296.	1068	**Music Streaming Application using Blockchain** *Sudarshan Chavan, Pankaj Warke, Suraj Ghuge and Rugved V Deolekar*
297.	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*
298.	1167	**Improved Pearson Similarity for Collaborative Filtering Recommendation System** *Sravan Kumar Gadekula and Udai Pratap Rao*
299.	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*
300.	1350	**Integrated Architecture of Web Services using Multiagent System for Minimizing Interoperability** *Jaspreet Chawla, Anil.k. Ahlawat and Gunjan Goswami*
301.	1370	**Behavior Analysis using Serverless Machine Learning** *Darezik Damkevala, Rohit Lunavara, Mansi Kosamkar and Suja Jayachandran*
302.	1372	**Big Data Processing : Hadoop vs. Spark** *Meghna Sharma and Jagdeep Kaur*
		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; E-Block (3rd Floor); (08 Paper Presentations)**
		Special Session ID: SS # 9.015 **Special Session Title: Recent Advancements in Computer Science and Information Technology** **Special Session Convened by: Prof. Parminder Singh; (08 Papers Presentations)**
303.	161	**Predictive Channel Propagation Delay and Correlate Link Level Scheduling in 5G Networks** *Teli Suresh, Abhinav Gupta and Parminder Singh*
304.	314	**A Review on Security Issues in VANETs** *Nitika Phull and Parminder Singh*
305.	1461	**A Review on Consumer Behavior Prediction using Data Mining Techniques** *Kareena and Nitika Kapoor*
306.	1799	**A Review on Delay Efficient Architecture for Software Defined Vehicular Networks (SDVN)** *Suhaib Rehman and Nitika Kapoor*
307.	2116	**A Review on Detection of Dehydration by using Pulse Oximetry in WBAN** *Rubal Jeet and Sandeep Singh Kang*
308.	2117	**Trust Aware Routing Protocols in Wireless Body Area Networks** *Prabhjot Kaur and Sandeep Singh Kang*
309.	2118	**Challenges and Security Issues in IoT-based Smart Networks : A Review** *Kamalinder Kaur and Sandeep Singh Kang*
310.	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; E-Block (3rd Floor); (14 Paper Presentations)**
311.	1408	**Software Dependability: Classification and Categorization** *Syed Saif Ahmad Abidi and Mohd. Faizan Farooqui*
312.	1458	**Visible Raman and Impedance Spectroscopy Analysis of Bismuth-Rich Bismuth Ferrite Ceramic** *Sadhan Chandra Das, Sumant Katiyal, Abhijit Majumdar and T. Shripathi*
313.	1468	**Blockchain: From Invention to Transformation** *Akansha Chaturvedi and G. Mayil Muthu Kumaran*

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
314.	1487	**Machine Learning Techniques for Analyzing and Evaluating of CCBOX as Active Teaching Method at Higher Education Level** *Shivani A Trivedi*
315.	1604	**An Overview of Diabetes Mellitus Prediction through Machine Learning Approaches** *Mohammad Atif, Jamshed Siddiqui and Faisal Talib*
316.	1616	**Distributed Ledger Technology for Closed Environment** *Faraz Masood and Arman Rasool Faridi*
317.	1623	**An Overview of Security Issues in Fog Computing** *Mohammad Luqman and Arman Rasool Faridi*
318.	1627	**Network Softwarization for IoT: A survey** *Ali Haider Shamsan and Arman Rasool Faridi*
319.	1700	**Development of Decision Support System for Promotion Assessment** *Sanjeev Kumar and Shivangi Gupta*
320.	1726	**Comparative Study of Name Matching Algorithms** *Ankita Pilania and G. Mayil Muthu Kumaran*
321.	1910	**Towards Realization of Assessment Module using Learning Management System for Integrated Course** *Shaligram Prajapat, Aishwarya Agrawal and Anita MC*
322.	2024	**Analytical Hierarchical Process for Software Dependability** *Syed Saif Ahmad Abidi and Mohd Faizan Farooqui*
323.	2025	**ORISYNCRASY an Ear Biometrics on the Fly** *Labhesh Valechha, Hitesh Valecha, Sharmila Sengupta, Varkha Ahuja and Tarun Chawla*
324.	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; E-Block (3rd Floor); (07 Papers Presentations)**
		Special Session ID: SS # 9.009 **Special Session Title: Big Data and IoT based Data Analytics** **Special Session Convened by: Prof. Nanhay Singh, (02 Papers Presentations)**
325.	103	**Sentiment Analysis of Digital India using Lexicon Approach** *Dimple Tiwari and Nanhay Singh*
326.	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; (04 Papers Presentations)**
327.	1185	**Implementing Machine Learning for Face Recognition based Attendance Monitoring System** *Tanya Srivastava, Vanshika Vaish, Puneet Sharma and Pooja Khanna*
328.	1328	**Tumor Segmentation and Detection using Convolutional Neural Network** *Anchal Agarwal, Prashant Awasthi, Puneet Sharma and Deepak Arora*
329.	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*
330.	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; (01 Paper Presentation)**
331.	1983	**Data Provenance Techniques and Semantics using W7 Model - A Review**

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
		Sonia Arora and Pooja Sapra
		Special Session ID: SS # 9.018 **Date: 14th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: Computer Centre (E-101); E-Block (1st Floor)** **Special Session Title: Emerging Trends in Communications and Information Technology** **Special Session Convened by: Prof. Aarti; (06 Remaining Papers Presentations)**
332.	916	**Programmed Pharmaceutical Gadget** *Shahbaz Khan, Jigyasa Chadha, Devesh Vashisht and Kinchin Bhardwaj*
333.	928	**Fault Detection and Fault Tolerance in Wireless Sensor Networks : A Survey** *Ankaj and Aarti Jain*
334.	1321	**Anatomization on Range-free Localization Algorithms in Wireless Sensor Networks** *Jigyasa Chadha and Aarti Jain*
335.	1447	**Closeness Centrality using Communication Aspect** *Poonam Rani*
336.	2012	**Qualitative and Quantitative SNA** *Poonam Rani, M. P. S. Bhatia and D. K. Tayal*
337.	2074	**An Innovative Passive Indoor Localization and Navigation Approach** *Bhawana Chhaglani, Shivansh Garg, Abhay Sheel Anand and Jaspreet Singh*
		Special Session ID: SS # 9.011 **Date: 14th March, 2019; Time: 9:00 a.m. to 11:00 a.m.** **Venue: Computer Centre (E-101); E-Block (1st Floor)** **Special Session Title: Mitigating Security Threats in Modern Programming Environments** **Special Session Convened by: Prof. Sridaran; (15 Papers Presentations)**
338.	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*
339.	860	**A Survey on Various Intrusion Detection System Tools and Methods in Cloud Computing** *Swathy Akshaya M. and Padmavathi G.*
340.	862	**Study on Security Mitigation Models in Cloud Computing** *Maulik Tanna, R. Sridaran and Ashwin Dobariya*
341.	864	**A Comparative Study of Various Techniques and Challenges for Hand Written Document Processing of Indian Script** *Ashwin R. Dobariya and Maulik Tanna*
342.	877	**An Innovative Model (HS) to Enhance the Security in Windows Operating System - A Case Study** *Harsha Nair and R. Sridaran*
343.	911	**A Comparative Study of Machine Learning Techniques in Healthcare** *Divik Jain, Brijesh Kadecha and Sailesh Iyer*
344.	913	**Development and Analysis of Smart Digi-farming Robust Model for Production Optimization in Agriculture** *Harshkumar Prakashbhai Thakor and Sailesh Iyer*
345.	914	**A Comparative Study on Cyber Crime Mitigation Models** *Prashantkumar Bipinbhai Patel, Harshkumar Prakashbhai Thakor and Sailesh Iyer*
346.	915	**A Novel Architecture to Mitigate Wireless LAN based Phishing Attack** *Niraj Kumar Singh and R. Sridaran*
347.	955	**A Comparative Study of underlying Threats of Cloud Deployment Service Models** *Tshepiso Larona Mokgetse and R. Sridaran*
348.	975	**Mitigating Illicit Entry using Website Port Scanning Tools in Indian Context** *Brijesh Jajal, Sailesh Iyer and Dimple Chauhan*
349.	978	**Evaluation of Websites' Performance and Search Engine Optimization: A Case Study of 10 Indian University Websites**

Presentation Schedule of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181
2019 06th International Conference on "Computing for Sustainable Global Development", 13th – 15th March, 2019
Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA)

S. No.	Paper ID	Title of the Papers along with the Name of the Authors
		Anu Mittal and R. Sridaran
350.	979	**A Comparative Study, Analysis and Mitigation of e-Governance Models using Secure Information Exchange** *Sailesh Iyer, Brijesh Jajal and Dimple Chauhan*
351.	1015	**Comparative Study and Analysis of Evaluation Matrices in Machine Translation** *Maitry B. Shukla and Bhoomika Chavada*
352.	1127	**A Study on Security and Privacy related Issues in Blockchain Based Applications** *Rujuta Shah and R. Sridaran*
		Track # 5: 5th International Workshop on Information Engineering and Management (IWIEM-2019) **Session 5.1 & 5.2; Date: 14th March, 2019; Time: 09:00 a.m. to 01:15 p.m.** **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)**
353.	64	**Machine Learning Random Forest Cluster Analysis for Large Over fitting Data: using R Programming** *Yagyanath Rimal*
354.	232	**Impact of Digital Marketing on the Enhancement of Brand Image in Saudi Arabia** *Meshal Abdulmahsen Alharbi*
355.	953	**Triple Cache Approach for Preserving Privacy and Enhancing Performance of LBS** *Yazed Alsaawy, Ahmad Alkhodre, Fathy Albouraey Eassa and Adnan Ahmed Abi Sen*
356.	954	**A Comparative Study between Security and Privacy** *Adnan Ahmed Abi Sen and Abdullah M. Basahel*
357.	1055	**Challenges in Digital Transformation in Saudi Arabia** *Awad Saleh Alharbi*
358.	1057	**Assessment of Organizational Digital Transformation in Saudi Arabia** *Awad Saleh Alharbi*
359.	1615	**Internet Banking Fraud Detection Using Deep Learning Based on Decision Tree and Multilayer Perceptron** *Sonal Kataria and Md Tabrez Nafis*
360.	1771	**Performance Analysis of Symmetric Uncertainty Based Optimal Attribute Generation Algorithm for Multiclass ECG in fuzzy rough domain** *Archana Dikshit Ratnaparkhi , Dattatraya Bormane and Rajesh Ghongade*
361.	1990	**Role of Robots in Healthcare Management** *Meshal Alotaibi and Mohammad Yamin*
362.	2086	**Identification and Management of Growing Security Threats Towards KSA** *Mishaal MoflehAlmutairi and George Halikias*
363.	2091	**A Smartphone Application for Two-Way Divers Communication** *Kamal Hussein, Javier Poncela Gonzalez and Morshed Derbali*
364.	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*
365.	2120	**Factors Influencing Social E-commerce Success in Saudi Arabia - A Review** *Abdulrahman Ahmad Nasser Alkenani*