

Technical Session I

Thursday, 12 December 2019

Venue: Seminar Hall, Visvesvaraya Block, CGC Campus, Landran, Mohali

Paper ID	Poster Title, Author and their Affiliations
S-4	Artificial Intelligence Perspective on Healthcare <i>Rehab A. Rayan</i> High Institute of Public Health-Alexandria University, Egypt
S-8	Association Rule Mining For Stock Data <i>Neha Walia, Arvind Kalia</i> H.P. University, Shimla, H.P., India
S-16	An Effective Architecture for Smart City using Advanced Protocols of Internet of Things <i>Inderpreet Kaur, Kamaljit Singh Saini, Jaiteg Singh Khaira</i> Chandigarh University, Gharuan, Mohali, Punjab, India Chitkara University, Rajpura, Punjab, India
S-20	Segmentation of Region of Interest in Ultrasound Images using Fuzzy Logic Clustering <i>Sukhdev Singh and Monika Pathak</i> Multani Mal Modi College, Patiala, Punjab, India
S-34	A Comprehensive Study of Periocular Biometrics on Iris Recognition <i>Sunil Kumar, Vijay Kumar Lamba, Surender Jangra</i> IKG Punjab Technical University, Jalandhar, Punjab, India Global College of Engineering and Technology, Ropar, Punjab, India Guru Teg Bahadur College, Sangrur, Punjab, India
S-38	Dynamic Power Estimation for FPGA Based Traffic Signs Detection Models <i>Prachi Dewan, Neeraj Shukla, Rekha Vig</i> The NorthCap University, Gurugram, India
S-39	Comparative Study to Understand and Analyze Cloud Computing <i>Mandeep Kaur, Reecha Sood and Jagjit Kaur</i> CGC College of Engineering, Mohali, Punjab, India
S-41	Trust and Reputation based Secure Opportunistic Routing Protocol for WSN <i>Archana Sharma, Yashwant Singh and Nagesh Kumar</i> Central University of Jammu, J&K, India Shoolini University, Solan, H.P., India
S-42	Feasibility of Filters in Processing Facial Images <i>A. Deepa, T. Sasipraba</i> Chandigarh Engineering College, Mohali, Punjab, India Sathyabama Institute of Science and Technology, Chennai, India

S-43	Evaluation and Comparison of Job Prediction Model <i>Sourav Thakial and Bhavna Arora</i> Central University of Jammu, J&K, India
S-44	User-Item Recommendation System (UIRS) using Collaborative Filtering <i>Neha Verma, Devanand Padha and Bhavna Arora</i> Central University of Jammu, J&K, India
S-54	Automated Stop-word list generation for Dogri Corpus <i>Sonam Gandotra, Bhawna Arora</i> Central University of Jammu, J&K, India
S-58	BRAIN GATE Technology-An Analysis <i>Megha Garg, Ruchika Garg, Kapil Mehta</i> CGC College of Engineering, Mohali, Punjab, India
S-59	A Review of Virtual Machine Allocation And Migration Techniques in Cloud Computing <i>Loveleena Mukhija, Rohit Sachdeva</i> Patel Memorial National College, Rajpura, Punjab, India Multani Mal Modi College, Patiala, Punjab, India
U-1	A study on Ferroelectric Field Effect Transistors(Fe-FET) based Ferroelectric Random Access Memory (Fe-RAM) <i>Sohni Singh, Manvinder Sharma, Dishant Khosla and Bhim Sain Singla</i> CGC College of Engineering, Mohali, Punjab, India CoEM, Neighbourhood Campus, Punjabi University, Patiala
U-3	Design and Modeling of Inset feed Microstrip Patch Antenna for GSM 1.5 GHz Band <i>Manvinder Sharma, Sumeet Goyal, Rahul Kakkar, Joginder Singh</i> CGC College of Engineering, Mohali, Punjab, India
U-7	A Survey of Text Recognition form Hand writtend documents <i>Gagandeep Kaur, Varinder Singh, Sunil Kumar Chawla, Mahima Bhasin</i> CGC College of Engineering, Mohali, Punjab, India
U-10	A Study and Mathematical Modeling of Synthetic Aperture Radar (SAR) Missile <i>Joginder Singh, Rahul Kakkar, Sumeet Goyal, Gurinderjit Kaur</i> CGC College of Engineering, Mohali, Punjab, India
U-11	A study and Mathematical Modeling for guidance control of Autopilot in Homing Guided Missiles <i>Manvinder Sharma, Anuj Kumar Gupta</i> CGC College of Engineering, Mohali, Punjab, India
U-12	A Novel Appproch to identify circular objects and classify on basis of their radius <i>Pankaj Palta, Varinder Singh, Bhim Sain Singla, Deepika</i> CGC College of Engineering, Mohali, Punjab, India CoEM, Neighbourhood Campus, Punjabi University, Patiala, Punjab, India

U-14	Internet of Vehicles (IOV) : A 5G Connected Car <i>Sumit Kumar, Himani Sharma, Gurpreet Singh, Neetu Singh, Himani Chugh</i> CGC College of Engineering, Mohali, Punjab, India CGC Chandigarh Engineering College, Mohali, Punjab, India
I-1	A Blur Classification Approach using Deep Convolution Neural Network <i>Shamik Tiwari</i> University of Petroleum and Energy Studies, Dehradun, India
I-2	Volumetric estimation of the damaged area in the human brain from 2D MR Image <i>Parvathaneni N. Srinivasu, T Srinivasa Rao, Valentina E. Balas</i> Gitam University, Andhra Pradesh, India. Aurel Vlaicu University of Arad, Romania
I-3	Factors influencing the usability of an Indian University Website <i>Bhim Sain Singla, Himanshu S. Aggarwal</i> Punjabi University, Patiala, Punjab, India
I-4	Multimodal Biometric based on Fusion of ridge features with minutiae features and face features <i>Law Kumar Singh, Munish Khanna, Hitendra Garg</i> Hindustan College of Science and Technology, Mathura, Uttar Pradesh, India GLA University, Mathura, Mathura, Uttar Pradesh, India

Technical Session II

Thursday, 12 December 2019

Venue: 4F-20, Visvesvaraya Block, CGC Campus, Landran, Mohali

Poster ID	Poster Title, Author and their Affiliations
S-64	Performance comparison of integrated modified differential phase shift keying (MD-DQPSK) and DQPSK in DIM integrated OCDMA system <i>Simarpreet Kaur, Simranjit Singh and Gurpreet Kaur</i> Punjabi University, Patiala, Punjab, India CGC Landran, Mohali, Punjab, India
S-67	Image Defogging Filtration Based on Channel Prior, Guided and GO-GWT (Generalized Optimized Gabor Wavelet Transformation) Techniques <i>Suruchi Bhatia, Rashmi Karkra, Sukhdeep Kaur and Sunidhi Vashisth</i> Chandigarh Group of Colleges, Landran, Mohali, Punjab, India
S-70	Attacks in Software-Defined Networking: A Review <i>Anmol Mahajan, Abhinav Bhandari</i> Punjabi University, Patiala, Punjab, India
S-72	Asymmetric Authentication as a Service in Private Cloud, Formal validation by Scyther <i>Gaurav Deep, Jagpreet Sidhu and Rajni Mohana</i> Jaypee University of Information Technology, Solan, H.P., India
S-73	NEW: New Evolution in Wireless Technologies <i>Upinderpal Singh, Sahil Vashisht, Jagbir Gill, Tejpal Sharma, Gaurav Kumar</i> Chandigarh Group of Colleges, College of Engineering, Landran Mohali, Punjab, India
S-75	Internet of Things based Automatic Colour Sorting: Implementation and deployment issues <i>Tushar Kamra, Bhoomi Gupta</i> Maharaja Agrasen Institute of Technology, Delhi, India
S-76	Privacy Preserving Data Mining: Approaches, Applications and Research Directions <i>Preet Kamal Kaur, Kanwal Preet Singh Atwal</i> Punjabi University, Patiala, Punjab, India
S-78	Review on Data Analytics for E-governance in Agriculture and Healthcare in India <i>Anagha Negi and Hetal Bhavsar</i> Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India
S-79	A Comparative Study on the Effect of Multiple Inheritance Mechanism in C++, C#, Java, Python and PHP on Complexity and Reusability of Code <i>Jagjit Kaur, Reecha Sood, Mandeep Kaur, Geetanjali</i> CGC College of Engineering, Mohali, Punjab, India
S-80	Artificial Neural Networks and Backward Propagation Model for Weather Forecasting and Monitoring in Real-time Environment <i>Reecha Sood, Jagjit Kaur, Mandeep Kaur, Harsh Jindal and Girish Pandey</i> CGC College of Engineering, Mohali, Punjab, India

S-81	A novel Stream Processing Framework for faster Data Processing <i>Kamal Kumar Ranga, C. K. Nagpal</i> YMCA University of Science and Technology, Faridabad, Haryana, India
S-82	Nature-inspired optimization and Priority based Clustering Protocol for Wireless Sensor Networks <i>Prabhdeep Singh, Anuj Kumar Gupta and Ravinder Singh</i> Chandigarh University, Gharuan, Mohali, Punjab, India C College of Engineering, Mohali, Punjab, India Beant College of Engineering and Technology, Gurdaspur, Punjab, India
S-83	A Journey from IOT towards COT: Future of Things <i>Gurpreet Singh, Shivangi Dhiman, Sahil Bhasin, Sunil Kumar Chawla</i> CGC-College of Engineering, Mohali, Punjab, India
S-85	Block Chain based Supply Chain Management: An Overview <i>Ayush Sharma, Dishant Khosla</i> CGC College of Engineering, Mohali, Punjab, India
U-15	Cloud Based Mining: A New Approach for Suggestions <i>Gurpreet Singh, Sunil Kumar Chawla, Sumit Kumar, Shipra Thakur</i> CGC College of Engineering, Mohali, Punjab, India
U-45	Anti-Spoofing for Iris Recognition with Contact Lens Detection <i>Sunil Kumar, Vijay Kumar Lamba, Surender Jangra</i> IKG Punjab Technical University, Jalandhar, Punjab, India Global College of Engineering and Technology, Ropar, Punjab, India Guru Teg Bahadur College, Sangrur, Punjab, India
U-48	Collaboration of ASI with Human Swarming Hybrid Decision Making Approach <i>Varinder Singh, Gagandeep Kaur, Shipra, Jagbir Singh</i> CGC College of Engineering, Mohali, Punjab, India
U-50	Internet of Things for Smart Environment Applications <i>Sunidhi Vashisth, Sunil Kumar Chawla, Bharti Mahajan, Himani Chugh</i> CGC College of Engineering, Mohali, Punjab, India GreenHills College of Engineering & Technology, Solan, H.P., India
U-52	Internet of Things: IOT Based Agriculture to Improve Farming System <i>Gagandeep Kaur, Shipra Thakur, Varinder Singh, Chinkita</i> CGC College of Engineering, Mohali, Punjab, India
U-53	Considerations of IoT Security (IoTSec), its Requirements and Architectures <i>Chetna Monga, Anmoldeep Kaur, Mankiran Kaur and Ankita Kataria</i> CGC College of Engineering, Mohali, Punjab, India
U-60	A Survey on breast cancer detection using classification and clustering algorithm <i>Gitanjali Wadhwa and Amandeep Kaur</i> Chandigarh University, Gharuan, Mohali, Punjab, India
U-108	Machine Learning: A paradigm shift in Industrial Sector <i>Shipra Thakur, Atul Sharma, Gagandeep kaur, Gurpreet singh</i>

	CGC College of Engineering, Mohali, Punjab, India
I-5	Performance Evaluation of proposed intelligent tutoring system “Seis Tutor” with Existing online Tutoring System <i>Ninni Singh, Neelu Jyothi Ahuja</i> University of Petroleum and Energy Studies, Dehradun, India
I-6	A Proficient Approach for Load Balancing in Cloud Computing- Join Minimum Loaded Queue <i>Minakshi Sharma, Rajneesh Kumar Gujral, Anurag Jain</i> Maharishi Markandeshwar Engineering College, Mullana, Haryana, India University of Petroleum and Energy Studies, Dehradun, India
I-7	The Design of Power Security Defense System based on Resource Pool Cloud Computing Technology <i>Dang Nan</i> ShangLuo University, China
I-8	A New Idea of Cross-border Integration of Power Supply Chain in the context of Big Data <i>Yu Xiao, Zhu Jun, Huang Lei</i> State Grid Beijing Electric Power Company Material Branch, Beijing, China

Technical Session III

Thursday, 13 December 2019

Venue: Seminar Hall, Visvesvaraya Block, CGC Campus, Landran, Mohali

Poster ID	Poster Title, Author and their Affiliations
S-86	Landmark Facial Detection by Using Gaussian Regression Guided Network <i>Shubham Mahajan, Suvajit Lodh, Anil Kumar Bhardwaj, Amit Kant Pandit</i> Shri Mata Vaishno Devi University, Katra, Reasi – J&K, INDIA
S-87	A Review on Provision of Cloud Services over Passive Optical Network <i>Meet Kumari, Reecha Sharma and Anu Sheetal</i> Punjabi University Patiala, Punjab, India GNDU, Regional Campus, Gurdaspur, Punjab, India
S-88	Pre-Processing of Synthetic Aperture Radar Sentinel-1 Images for Agricultural Land <i>Sanjay Madaan and Sukhjeet Kaur</i> Punjabi University, Patiala, Punjab, India
S-89	Implementation of YOLO For Disease and Pathogen Detection with Infrared Photogrammetry <i>Debalina De, Chirag Yadav, Manpreet Singh Bajwa</i> CGC College of Engineering, Mohali, Punjab, India
S-90	A Novel Technique to detect the Isolation of Grayhole Attack in VANET <i>Ritika Saini, Sushil Lekhi, Anuj Kumar Gupta</i> Rayat Institute of Engineering and Information Technology, S.B.S. Nagar, Punjab, India CGC College of Engineering, Mohali, Punjab, India
S-91	Unequal clustering algorithms in Wireless Sensor Networks: A survey <i>Jatinder Pal Singh, Anuj Kumar Gupta and Anil Kumar Verma</i> I. K. Gujral Punjab Technical University, Kapurthala, Punjab, India. Chandigarh Group of Colleges, Landran, Punjab, India. Thapar University, Patiala, Punjab, India.
S-92	A Supervised approach for Keyphrase Extraction using SVM <i>Namrata Kumar, Ankit Guleria, Radhika Sood and Pardeep Singh</i> NIT Hamirpur, H.P., India
S-93	Dynamical behavior of Quadrating harvesting of a Modified Leslie-Gower type Predator-Prey Model with Crowley-Martin Functional Response for Prey <i>Reenu Rani and Manpreet Kaur</i> VIT University, Vellore, Tamilnadu, India Chandigarh Group of Colleges, Mohali, Punjab, India
S-94	Rectangular Dielectric Resonator Antenna with modified feed for Wireless applications <i>Dishant Khosla, Kulwinder Singh Malhi</i> Punjabi University Patiala, Punjab, India

S-95	Home Automation <i>Manpeet Singh Bajwa, Harshmeet Kaur, Neetu Singh, Ruby Sharma</i> CGC College of Engineering, Mohali, Punjab, India
S-99	Internet of Things and Multimedia Applications: An Overview <i>Mamta Rath</i> Birla School of Management (I T),Birla Global University, India
S-102	Hadoop Trust Management for Mobile Cloud Computing Security <i>Sumant Raj Chauhan, Gagan Markan , Sunil Kuma Chawla, Mehzaheen Kaur</i> NIILM University, Kaithal, Haryana, India CGC College of Engineering, Mohali, Punjab, India Punjabi University Patiala, Punjab, India
S-103	Simulation of V-I Characteristics of Single Electron Transistor Using MATLAB <i>Tarun Singhal, Sunil Kumar Chawla, Virender Kumar, Hemant Sharma</i> CGC College of Engineering, Mohali, Punjab, India Chandigarh University, Gharuan, Mohali, Punjab, India
S-104	Novel approaches to improve Collaborative Filtering Recommender System <i>Manpriya, Gaurav Bathla</i> Chandigarh University, Gharuan, Mohali, Punjab, India
U-65	Security and Privacy concerns in Internet-of-Things-A Survey <i>Chetna, Mankiran Kaur, Ankita Kataria, Anmoldeep Kaur</i> CGC College of Engineering, Mohali, Punjab, India
U-74	Multi-Objective Energy Efficient Resource Consolidation Technique Using Flower Pollination Algorithm for Cloud Datacenters <i>Usman Mohammed Joda, Abdul Samad Ismail, Ahmed Aliyu and Shiv Prakash</i> Bauchi State University Gadau, Bauchi State, Nigeria Universiti Teknologi Malaysia, Skudai, Johor Bahru, Malaysia
U-77	Exploring Data Mining Tool – WEKA and Using WEKA to build and evaluate Predictive Models <i>Kanwal Preet Singh Attwal and Amardeep Singh Dhiman</i> Punjabi University, Patiala, Punjab, India
U-96	Print Media Vs Digital Media <i>Kartik Aggarwal, Manpreet Singh Bajwa, Neetu Singh, Ruby Sharma</i> CGC College of Engineering, Mohali, Punjab, India
U-97	TRACKING THE CARBON EMISSION THROUGH SUPPLY CHAIN WITH BLOCKCHAIN <i>Parth Bakshi, Bhoomi Gupta</i> Maharaja Agrasen Institute of Technology, Delhi, India
U-114	A Novel Approach to Detect Blackhole Attacks in MANET <i>Seema, Rajdeep Kaur, Renu Bala</i> CGC College of Engineering, Mohali, Punjab, India

I-9	On Intelligent Opportunistic Routing Protocol for Big Data in WSN <i>Deep Kumar Bangotra, Yashwant Singh, Arwind Kumar Selwal</i> Department of Higher Education, J&K Govt., India Central University of Jammu, Jammu, India
I-10	Multiresolution Wavelet Transform based Anisotropic Diffusion for removing speckle noise in real-time vision-based database <i>Rohini Mahajan, Devanand Padha</i> Central University of Jammu, Jammu, India
I-11	Comparative Analysis of Load Forecasting on Smart Meter Data using Deep Learning Models <i>Ajay Kumar, Parveen Poon Terang, Vikram Bali</i> JSS Academy of Technical Education, Noida, U.P., India
I-12	Evolution of Data Analytics Techniques from Data Mining to Big Data Mining <i>Gourav Bathla, Himanshu Aggarwal, Rinkle Rani</i> Punjabi University, Patiala, Punjab, India Thapar University, Patiala, Punjab, India
128	A New Fixed Point Iteration Process for Non-expansive and Contraction Mappings in Banach Space <i>Naveen Kumar</i> Chandigarh University, Gharuan, Punjab, India

Technical Session IV

Thursday, 13 December 2019

Venue: 4F-20, Visvesvaraya Block, CGC Campus, Landran, Mohali

Poster ID	Poster Title, Author and their Affiliations
S-110	Genome DNA Sequence Matching Using HBM Algorithm <i>Pankaj Bhambri, Vijay Kumar Sinha, Inderjit Singh Dhanoa, Jaspreet Kaur</i> Guru Nanak Dev Engineering College Ludhiana, Punjab Chandigarh Engineering College, Landran, Mohali, Punjab, India I.K.G. Punjab Technical University, Jalandhar, Punjab
S-112	Applying Parallel Algorithm for Searching and Dynamic Update in Cloud Data Genome DNA <i>Pawan Kumar Tanwar, Vishal Goar, Manoj Kuri</i> Poornima University, Jaipur, Rajasthan, India Govt. Engineering College Bikaner, Rajasthan, India
S-113	Big Data Quality for Reliable Industrial Internet of Things Based Systems <i>Florin Popentiu-Vlădicescu, Grigore Albeanu</i> University Politehnica of Bucharest & Academy of Romanian Scientists, Romania Spiru Haret University, Romania
S-117	Emerging role of Big Data as a Tool for improving Sustainability for the Betterment of Quality of Life in Metro Cities <i>Sapna Juneja, Abhinav Juneja, Rohit Anand</i> B. M. Institute of Engineering & Technology, Sonapat, Haryana, India G. B. Pant Engineering College, New Delhi, India
S-120	Two-phase Heart Disease Diagnosis System using Deep Learning <i>Anurag Jain, Shamik Tiwari and Varun Sapra</i> University of Petroleum and Energy Studies, Dehradun, India
S-123	Performance Assessment of Change Detection Methods Based on Neighborhood Mean Rules in Wavelet Fusion <i>Abhishek Sharma, Vinay Bhatia and Ankur Singhal</i> Chandigarh Engineering College, Mohali, Punjab, India
S-124	Energy Efficient Base Clustering Algorithm to Achieve Optimum Value of EnergyConsumption <i>Vishal Kumar Goar, Manoj Kuri, Pawan Kumar Tanwar</i> Govt. Engineering College, Bikaner, Rajasthan, India
S-125	Sentimental Analysis of Indian Airline Services using Social Media Dataset <i>Hitendra Garg</i> GLA University, Mathura, Uttar Pradesh, India
S-127	An Approach of Mobile Wireless Sensor Network for Target Coverage and Network Connectivity with Minimum Movement <i>Priyanka Sood, Viany Bhatia and Manpreet Kaur</i> CGC Landran, Mohali, Punjab, India

S-129	SIMULATIONS OF SMALLPd AND Ni CLUSTERS ADSORBED ON GRAPHENE – INTERATOMIC POTENTIAL MODEL <i>Gagandeep Kaur, Shuchi Gupta, Keya Dharamvir</i> CGC College of Engineering, Mohali, Punjab, India Panjab University, Chandigarh, India
S-130	Technique for Mobile Phone Forensic Analysis <i>Tejpal Sharma, Jagbir Singh Gill, Gaurav Goel, Upinderpal Singh, Sahil Vashishtha</i> CGC Landran, Mohali, Punjab, India
S-131	Analysis of Designed Power System with the Real Power System <i>Sandeep Kaur, Raja Singh Khela</i> IKG Punjab Technical University, Kapurthala, Jalandhar Doaba College Of Engineering & Technology, Punjab
S-132	Investing possibility of predicting Turnover of Indian IT Engineers based on Quality of Work Life using the Artificial Neural Network <i>Shivinder Nijjer, Jaskirat Singh Rai, Tanveer Kajla, Tanuj Sharma and Sarabjit Kaur</i> Chitkara University, Rajpura, Punjab, India Chandigarh Group of Colleges, Landran, Mohali, Punjab, India Punjabi University, Patiala, Punjab, India
S-133	Evaluating the performance of various machine learning algorithms for detecting DDOS attacks in VANETS <i>Kaushik Adhikary, Shashi Bhushan, Sunil Kumar and Kamlesh Dutta</i> I. K. Gujral Punjab Technical University, Jalandhar, Punjab, India Chandigarh Group of Colleges, Mohali, Punjab, India Maharaja Agrasen University, Baddi, H.P., India National Institute of Technology, Hamirpur, H.P., India
U-115	Angular Shift Measuring Feature for IRIS classification using Probabilistic Neural Network <i>Rajdeep Kaur, Seema Chaudhary and Ruby Sharma</i> CGC College of Engineering, Mohali, Punjab, India
U-116	Smart Home Security and its Solutions <i>Gurpreet Singh, Kapil Mehta and Himanshu Singla</i> CGC College of Engineering, Mohali, Punjab, India
U-118	Analysis of varying particle size on the rotating composite disk <i>Harjot Kaur, Nishi Gupta and Satya Bir Singh</i> Chandigarh University, Gharuan, Mohali, Punjab, India
U-119	Comparative Analysis of Software Reliability Model in Various Domain <i>Priyanka Thakur and Shiv Kumar Sharma</i> Chandigarh University, Gharuan, Mohali, Punjab, India

U-121	Rayleigh wave propagation under the effects of rotation, magnetic field and initial stressed in thermo-elastic half space with Impedance Boundary Conditions <i>Bharti Thakur, Sangeeta Kumari and Heena Sharma</i> Chandigarh University, Gharuan, Mohali, Punjab, India
U-122	IoT SECURITY (IoTSEC) Contemplations, Prerequisites, Structures <i>Mankiran Kaur, Chetna Monga, Anmoldeep Kaur and Ankita Kataria</i> CGC College of Engineering, Mohali, Punjab, India
U-126	Systematic Review on Statistical Convergence and Statistical Convergence in Probabilistic Normed Space <i>Gursimran Kaur, Meenakshi Chawla, Reena Antal</i> Chandigarh University, Gharuan, Mohali, Punjab, India
I-13	Power Efficient Control Unit Design Using 40nm Field Programmable Gate Array <i>Srishti Priya Chaturvedi, Aryan Kaushik, Vidhu Baggan</i> Chitkara University, Punjab, India
I-14	Exploration of Agricultural Environment Information Management System according to Cloud Computing: Agricultural Environment Information Management <i>Xi Cai</i> Chongqing Technology and Business Institute, Chongqing, China
I-15	Exploration of Agricultural Environment Monitoring System by Internet of Things: Agricultural Environment Monitoring System <i>Hongyu Hu, Zheng Chen, Wenwu Peng</i> Yongzhou Vocational and Technical College, Hunan, China College of Computer and Information Science, Hunan Institute of Technology, Hunan, China Hunan Institute of Traffic Engineering, Hunan, China
I-16	Image Features based Intelligent Apple Disease Prediction System: Machine learning based Apple Disease Prediction System <i>Arvind Selwal, Mahvish Jan</i> Central University of Jammu, Jammu and Kashmir, India
I-17	Performance Analysis of various Wind Speed Forecasting Models using Deep Learning <i>Vikram Bali, Ajay Kumar, Satyam Gangwar</i> JSS Academy of Technical Education, Noida, U.P., India
P-1	Inheritance Metrics for improvement in Software Quality <i>Mohit Kumar Sharma</i> J.C. D.A.V. College, Dasuya, Punjab, India
P-2	National Digital Library : A Review <i>Tarsem Lal</i> J.C. D.A.V. College, Dasuya, Punjab, India

P-3	Fog Computing – A New Generation Computing <i>Harmeet Kaur, Renu Bala, Gaurish Khanna</i> CGC College of Engineering, Mohali, Punjab, India
P-4	Travel Agency : Yatra Freek <i>Parteek Dixit, Piyush Bhardwaj, Prachi Singhal, Saiyam</i> Chandigarh Group of Colleges, Landran, Mohali, Punjab, India
P-5	Visual Analytics: Evolution and Strategies <i>Chinkita, Shipra Thakur, Archit Dwivedi, Namanpreet Kaur</i> CGC College of Engineering, Mohali, Punjab, India
P-6	WLAN <i>Arwinder Singh</i> CGC College of Engineering, Mohali, Punjab, India
P-7	Applications of IoT : A Review <i>Jagdeep Singh</i> JC DAV College, Dasuya, Punjab, India
P-8	5G Wireless System is the Future <i>Ruby Sharma, Dheeraj Bajaj, Himanshu Singla</i> CGC College of Engineering, Mohali, Punjab, India
P-9	Computer Vision in Facebook <i>Sandeep Kaur, Jagrati, Debalina De</i> CGC College of Engineering, Mohali, Punjab, India