

Technical Session I

(Innovations in Machine Learning)

Friday, 14 December 2018

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

S. No.	Paper ID	Paper Title
1.	6	An New Approach For Image Steganography Using LSB and BPSO Optimization <i>Chetna Sharma and Inderdeep Kaur</i>
2.	7	Medical Image Fusion Using Fuzzy Logic and DHT Based Feature Extraction <i>Ravneet Kaur and Inderdeep Kaur</i>
3.	17	Modified Genetic Algorithm for Performing the Regression Testing <i>Lata Dubey and Seema</i>
4.	30	Dynamic Systems for Performance Analysis of Information Interchange <i>Vikash Kumar Garg, Ashish Oberoi and Manish Arora</i>
5.	39	Image Denoising by Sigma Estimation Base Convolution Neural Network <i>Amanjot Kaur and Gagan Deep</i>
6.	41	A novel approach for performance analysis on dynamic information integration <i>Vikash Kumar Garg, Ashish Oberoi and Manish Arora</i>
7.	67	Intelligent Processing with NLP (Natural Language processing) <i>Jagjit Kaur, Simarjot Kaur and Anu Aujla</i>
8.	68	Insights to Big Data and Hadoop: An Introductory Review <i>Deepika Sood, Sukhjinder Kaur and Sunil Chawla</i>
9.	74	Smart Robotic Arm <i>Sachin Krishan Khanna, Pratibha Khanna, Gurpreet Kaur, Dishant Khosla and Manvinder Sharma</i>
10.	75	Environment Friendly Toll Plaza <i>Siddharth Aggarwal, Sourav Goyal, Parul Gupta, Kritika Kaushik, Dishant Khosla and Manvinder Sharma</i>
11.	78	Text Region Detection Techniques for Natural Scene Images-A Review <i>Rituraj Soni, Bijendra Kumar, Satish Chand and Tanvi Arora</i>
12.	83	An Extensive Survey for Examining Pigmented Skin Lesions and Detection of Melanoma Skin Cancer through Computer Vision <i>Komal Sharma</i>
13.	90	Analysis of various Image Compression Techniques <i>Amanpreet Kaur</i>
14.	117	Imputing Missing Data Analysis in Web Service Quality Dataset for Improving QoS Prediction <i>Gaurav Raj, Manish Mahajan, Dheerendra Singh and Anjali Singh</i>

(14th – 15th December 2018)

Technical Session II

(IOT & Computing)

Friday, 14 December 2018

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

S. No.	Paper ID	Paper Title
1.	31	Image Denoising Using IBP n Filter <i>Vanmala Jarial and Harpreet Kaur</i>
2.	45	The Undeniable Importance of Mobile Applications and Its Global Impact <i>Kapil Mehta, Yadwinder Garg and Ankita Thakur</i>
3.	49	Minimization of Energy consumption In Cloud Computing <i>Gurpreet Singh and Manish Mahajan</i>
4.	50	Edge Computing: An Era of Advance Computations in Internet of Things <i>Anu Aujla, Paridhi Naithani and Jagjit Kaur</i>
5.	51	Study of various Cloud Service Platforms: A Comparison <i>Sumit Kumar, Sunil Kumar Chawla, Manpreet Singh Bajwa and Himani Sharma</i>
6.	53	Comparative Study of Different Scheduling Algorithms In Cloud <i>Paridhi Naithani and Anu Aujla</i>
7.	60	Attacks Surfaces and Attacks in Cloud Computing <i>Usvir Kaur, Manish Mahajan and Dheerendra Singh</i>
8.	62	Approach towards making Cloud Green Cloud: A Review <i>Gurpreet Singh, Reecha Sood, Sunil Kumar Chawla and Sumit Kumar</i>
9.	66	Research on Access Control Model in Cloud Computing Environment <i>Rini Mahajan, Manish Mahajan and Dheerendra Singh</i>
10.	69	A Novel Approach Towards Trust Enhancement in a Cloud System <i>Sukhjinder Kaur, Deepika Sood and Ramandeep Sandhu</i>
11.	70	SOCGPVC: Secure Outsourced computation of geometric progression on Vicious Cloud <i>Gaurav Goel, Tejpal Sharma, Jagbir Singh Gill, Upinderpal Singh and Gagan Singla</i>
12.	85	A Literature Review on IoT Application Layer Communication Protocols <i>Harmanjot Kaur</i>
13.	88	Microsoft Azure Cloud: A Study of Support Services in Cloud Computing <i>Kamini and Tejinderpal Singh Brar</i>
14.	IGI-13	A Distributed Intrusion Detection Scheme for Cloud Computing <i>Nurudeen Mahmud Ibrahim</i>

Technical Session III

(Posters)

Friday, 14 December 2018

Venue: 4F-02, Visvesvaraya Block, CGC Campus, Landran, Mohali

S. No.	Paper ID	Paper Title
1.	91	Acadhelp- A Virtual Guide <i>Manikant Roy</i>
2.	93	The Internet of Things for Health Care <i>Vandana Mohindru and Anuj Kumar Gupta</i>
3.	96	Noncontact Monitoring of Respiration by Dynamic Air-Pressure Sensor <i>Ravdeep Singh</i>
4.	97	Mobile TV <i>Arvinder Singh</i>
5.	98	Bitcoin in India: Evolution and current position in Economy <i>Chinkita</i>
6.	99	Detection and mitigation of DDoS attacks using Gradient Matrix <i>Jeewanjot Kaur</i>
7.	100	Digital Rights Management <i>P Ritik Jaichand</i>
8.	101	IOT Augmented Smart Parking <i>Mansi Neb and Shubham Bansal</i>
9.	102	Online Bus pass system <i>Kamalpreet Singh</i>
10.	103	Artificial Intelligence <i>Shivangi Verma and Ayush Sharma</i>
11.	104	LIFI <i>Kartik Sharma</i>
12.	105	IoT Based Smart City: GPS Enabled Guide Boards <i>Kartik Aggarwal & Muskan Dhamija</i>
13.	106	Empowerment Through Empowering Platform <i>Vanshika, Sonam, Vidushi, Suyash</i>
14.	107	Smart Street Lighting System Using IoT Augmentation <i>Megha Malhotra, Utkarsh Chitranshi, Manya Kapoor</i>
15.	109	Smart Water Quality Monitoring Using IOT Augmentation <i>Ashkanda Sharma , Shivangi Chona , Ashutosh Sharma</i>
16.	110	Hybrid Cipher <i>Anubhav Tyagi, Anuj</i>
17.	111	Real time analysis of traffic congestion <i>Kunal Sood, Nathan Gill</i>
18.	115	Metric Quality Design based on Object Oriented Metrics <i>Mohit K. Sharma</i>

19.	116	Role of INFLIBNET in information & communication technology era <i>Tarsem Lal</i>
20.	118	Internet of Things (IoT) based Smart Cities <i>Neha Sharma, Barinder Thapa</i>
21.	119	A step towards e-learning : National digital Library <i>Shaveta Arora</i>
22.	120	Li-Fi Technology : A Review <i>Jagdeep Singh</i>
23.	121	On Relevance of eSports <i>Aashish Sethi, Anil Chaudhary</i>
24.	122	Reducing harmful effects of radio waves <i>Anil Chaudhary, Aashish Sethi</i>
25.	123	Packet Extraction and Isolated Eavesdropping Attack in Internet Of Things <i>Reetinder Kaur</i>
26.	126	The Security Issues in Internet-of-Things <i>Guneet Kaur, Tanishq Gaba, Tushar Beri</i>
27.	127	Environment Friendly Toll Plaza <i>Siddharth Aggarwal, Sourav Goyal</i>

Technical Session IV

(Innovations in Networks & Security)

Saturday, 15 December 2018

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

S. No.	Paper ID	Paper Title
1.	4	Waveguide Diplexer: Design and Analysis for 5G communication <i>Sohni Singh, Joginder Singh, Deepika Dhiman and Ravdeep Singh</i>
2.	29	A Study on Planar Inverted F Antennas (PIFAs) for Mobile Communication <i>Namita Sharma and Dishant Khosla</i>
3.	32	Cyber Situational Awareness : State of The Art <i>Pardeep Bhandari</i>
4.	46	Synthetic Iris as a Vulnerability of Iris Recognition System <i>Sunil Chawla, Vijay Kumar Lamba and Surender Jangra</i>
5.	47	Investigation on various routing protocols in ad-hoc network <i>Dishant Khosla, Harmandeep Mangat and Gurwinder Singh</i>
6.	54	A Review on Algorithms of Cluster Head in Mobile Ad-Hoc Networks <i>Simarjot Kaur, Jagjit Kaur and Chinkita</i>
7.	55	Detection of every kind of Blackhole Attacks in Manet: A Novel Control Packet Approach <i>Seema Chaudhary, Lata Dubey, Nitin Khanna and Chinkita</i>
8.	64	Practical Implementation of Routing Protocol in Mobile Ad hoc Networks <i>Upinderpal Singh, Tejpal Sharma, Gaurav Goel, Jagbir Singh Gill and Gagan Singla</i>
9.	65	Multi Base Station optimized positioning for Black hole attacks in Wireless Sensor Networks <i>Gagan Singla, Sourav Garg, Jagbir Singh Gill, Gaurav Goyal, Tejpal Sharma and Upinder Pal Singh</i>
10.	72	A Framework on Healthcare Monitoring System <i>Amandeep Kaur and Anuj Kumar Gupta</i>
11.	73	Ant-Optimized Scheduling for Efficient-Energy Coverage in WSN <i>Dapinder Kaur and Neeraj Battish</i>
12.	84	Comparative Study of LEACH and its Optimized Variants in Wireless Sensor Networks <i>Jatinder Pal Singh, Anuj Kumar Gupta and Anil Kumar Verma</i>
13.	87	Design and analysis of Substrate Integrated Waveguide for High Frequency Applications <i>Manvinder Sharma and Harjinder Singh</i>
14.	89	Performance Evaluation of WSN under DDOS Attack <i>Rupinder Singh and Tejinderpal Singh Brar</i>
15.	112	Examining Iris Consciousness for Validation of Legal Contracts <i>Vijay Sinha, Anuj Kumar Gupta and Manish Mahajan</i>
16.	113	Detection of Criminal Traces during Forced Iris Authentication <i>Vijay Sinha, Anuj Kumar Gupta and Manish Mahajan</i>
17.	IGI-6	Power Transmission Analysis in Wireless Sensor Networks Using Data Aggregation Techniques <i>Hradesh Kumar</i>
18.	IGI-9	A Congestion Controlled and Load Balanced Selection Strategy for Networks on Chip <i>Ashima Arora</i>

(14th – 15th December 2018)

Technical Session V

(Miscellaneous)

Saturday, 15 December 2018

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

S. No.	Paper ID	Paper Title
1.	56	Elaborate Business Dimension of Business Oriented Business Rule Framework <i>Deepak Kumar Sharma, Manish Mahajan, Dheerendra Singh and Naveen Prakash</i>
2.	57	Single Page Application: Architecture & Applications <i>Reecha Sood, Sunil Chawla and Gurpreet Singh</i>
3.	58	Analysis for Ranking of Web Pages <i>Ashok Kumar, Manish Mahajan and Dheerendra Singh</i>
4.	61	SIW based Leaky Wave Antenna: Design and Analysis for Silicon <i>Pankaj Palta, Dishant Khosla, Sohni Singh and Sumeet Goyal</i>
5.	63	Boot Sector Analysis of NTFS File System <i>Tejpal Sharma</i>
6.	79	Design, Fabrication and Analyses of Rectangular Microstrip Inset Feed Patch Antenna <i>Anish Khan, Nikhil Marriwala and Deepak Sood</i>
7.	86	A study on losses in Substrate Integrated Waveguide <i>Rahul Kakkar, Joginder Singh and Sumeet Goyal</i>
8.	94	Designing of Ultra-Wide Band (UWB) Microstrip Antenna using Triple Slotted Patch and DGS <i>Deepika, Vaishali, Amit Kumar and Manvinder Sharma</i>
9.	95	Effective content based image retrieval system using color histogram and distance measures <i>Punit Soni, Vijay Kumar Lamba, Surender Jangra and Sunil Kumar</i>
10.	124	Effects of Density and Size on Terminal Velocity of a Vertically Falling Spherical Particles in Newtonian Fluid by Diagonal Pade' Approximant <i>Harpreet Kaur, B.P.Garg and Neeraj Rani</i>
11.	125	Heat source/sink effect on flow past an impulsively started vertical plate with radiations in presence of variable heat and mass transfer <i>Shipra Bansal and Dr.B.P. Garg</i>
12.	IGI-1	Geo-Spatial Crime analysis Using Newsfeed data in Indian Context <i>Prathap Rudra Boppuru</i>
13.	IGI-2	Bug Model based Intelligent Recommender System with exclusive curriculum sequencing for Learner-Centric Tutoring <i>Ninni Singh</i>
14.	IGI-3	A Step Towards Smart Learning: Designing an Interactive Video-based Tool for University Learning Environment <i>Pijush Kanti Dutta Pramanik</i>
15.	IGI-4	Donation Model Development based on the Methodologies of Blockchain <i>Meng-Hsuan Fu</i>

16.	IGI-5	An Analysis in Tissue Classification for Colorectal Cancer Histology Using Convolution Neural Network and Colour Models <i>Shamik Tiwari</i>
17.	IGI-7	Towards Risk Based Effort Estimation - A Framework to Identify, Analyze and Classify Risk for Early Identification at Requirement Engineering Phase <i>Chetna Gupta, Priyanka Chandani</i>
18.	IGI-10	Novel Class Detection with Concept Drift in Data Stream <i>Jay Nirmalbhair Gandhi</i>
19.	IGI-11	Effect of Information Architecture on the Usability of a University Website: A Comparative Study of Selected Websites of Punjab (India) <i>Bhim Sain Singla</i>
20.	IGI-12	An Effective Regression Test Case Selection using Hybrid Whale Optimization Algorithm <i>Arun Prakash Agrawal</i>
21.	IGI-14	A Performance Study of Moving Particle Semi-Implicit Method for In-compressible Fluid Flow on GPU <i>Kirankumar V Kataraki</i>