**INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017**

IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

AMITY UNIVERSITY

Technical Sessions

Soft Computing and Big Data Analytics

Chair: Prof. Laxmi Ahuja, Amity University UP, Noida, India
Co-Chair: Dr. Vinod Kumar Shukla, Amity University, Dubai, UAE

December 18, 2017   **1615-1745 hrs.**   **Parallel Session (Room G-04 (GF))**

Sl No	Paper ID	Author(s)	Paper Title
1	221	Ravesh Joaheer, Soulakshmee D. Nagowah	A Big Data Framework for Diabetes in Mauritius
2	20	Mansi Khurana, Deepak Kumar	The Study of Data Analytics in Inventory Management
3	169	Hirikesh Dussoye, Zarine Cadersaib	Sentiment Analytics Framework integrating Twitter and Odoo ERP
4	31	Chhavi Virmani, Sapna Sinha, Sunil Khatri	Unified Ontology for Data Integration for Tourism Sector
5	173	Itisha Gupta, Nisheeth Joshi	Tweet Normalization: A Knowledge Based Approach
6	35	Deepak Soni, Mayank Sharma, Sunil Kumar Khatri	Political opinion mining using e-social network data
7	59	Sudhanshu Chhabra, Renuka Mahajan, Sunil Kumar Khatri	Data mining on Social Networks for Target Advertisement in Automobile Sector
8	7	Sunil Kumar Khatri, Tanmay Batham Prashant Johri	Optimizing Search Query using Feature Thesaurus and Optimizaton Tool
9	79	Hitesh Singh, Boncho Bonev, Peter Petkov, Sarang Patil	Cloud Attenuation Model at millimeter Frequency Bands
10	228	Anmol Singh Chabra, Tanupriya Choudhury, Archit Aggarwal, Arjun Srivastava	Prediction for Big Data and IOT in 2017

**INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)**
DECEMBER 18-20, 2017
In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Recent Advances in Networking Technologies and Data Science

Chair: Dr. Mounir Dhibi, Middle East College, Muscat, Oman
Co-Chair: Dr. Ajay Vikram Singh, AIIT, Amity University, Noida, India

December 18, 2017 **1615-1735 hrs.** **Parallel Session (Room 109 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	109	Maryam Mohammed Mubarak Al Balushi, Vidhya Lavanya Ramachandran, Sreedevi Koottala, Shaik Mazhar Hussain and Ajay Vikram Singh	Wavelet based Human Voice Identification System
2	178	Jitendra Pandey, Syed Imran Ali Kazmi, Muhammad Sohail Hayat and Imran Ahmed	A study on implementation of Smart Library Systems using IoT
3	174	Siham Al Hinai and Dr.Ajay.V Singh	Internet of Things: Architecture, Security challenges and Solutions
4	229	Muhammad Sohail Hayat, Raza Hasan, S. Imran Kazmi and Mohammed Kaleem	Active Learning and Student Engagement by using Activity Based Learning
5	283	Shaik Mazhar Hussain, Kamaludin Mohamad Yusof and Shaik Ashfaq Hussain	A Conceptual Framework on IOT based System Design to Prevent Road Accidents in Accident Prone Cities
6	372	Anjum Zameer Bhat, Baldev Singh and Bilal Pandow	Economic Hurdle for Implementation of Cloud Computing in Higher Education in Sultanate of Oman
7	373	Ruchika Bathla, Ajay Vikram Singh and Mayank Sharma	Building an Effective Recommender System Using Machine Learning Based Framework

**INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)**
DECEMBER 18-20, 2017
IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Modeling, Data Analytics and Testing

Chair: Dr. Manoj Varshney, Hindu College, University of Delhi, India
Co-Chair: Mr. Ved P. Mishra, Amity University Dubai

December 18, 2017   **1615-1745 hrs.**   **Parallel Session (Room 110 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	87	Sarang Patil, Peter Petkov, Boncho Bonev and Hitesh Singh	The Design and Modeling of Wideband Calculable Standard Rod-Dipole reference antenna for Broad Bandwidth Applications
2	113	Sarmistha Satrusallya and Mihir Narayan Mohanty	Design of an Array Antenna for 5G Wireless Network with Enhanced Bandwidth
3	288	Rajeshree Ramjug-Ballgobin, Krishna Busawon, H C S Rughooputh and Richard Binns	Observer-based control for biomass regulation under discrete measurements
4	132	Mrinal Wahal and Tanupriya Choudhury	Hydra – Anonymous Network Routing Mechanism
5	342	Sadia Riaz and Arif Mushtaq	Innovation Driven Development Framework for Dubai
6	407	Swaroop Ramaswamy Pillai and Pradip Kumar Sadhu	Forecasting PV Power from Solar Irradiance and Temperature using Neural Networks
7	415	Praveen Kumar, Priyavrat Singh Yadav, Kashish Bhutani, Nagma Arora, Deepanshu Jain and Bhawesh Dabas	Allocating Resource Dynamically in Cloud Computing
8	248	Mrinal Pandey, Rajiv Pandey and Umesh Kumar Chopra	Rendering Trustability to Semantic Web Applications Applications-Manchester Approach
9	359	Sunita Daniel	A ternary subdivision scheme for generating trigonometric splines in geometric modeling
10	6	Priyam Mathur, Sunil Kumar Khatri and Mayank Sharma	Prediction of Aviation Accidents using Logistic Regression Model

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Emerging Trends in Infocom Technology and Management

Chair: Dr. Deepak Kumar, AIIT, Amity University, Noida, India
Co-Chair: Dr. Mayank Sharma, AIIT, Amity University, Noida, India

December 18, 2017   **1615-1745 hrs.**   **Parallel Session (Room 111 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	124	Manuel Tupia, Rony Cueva, Miguel Guanira	A Bat Algorithm for job scheduling in ceramics production lines
2	260	Harish Kumar and Harsimran Kaur	Clustering and Ranking Social Media Users based on Temporal Analysis
3	57	Kumari Anshu, Loveleen Gaur and Deepak Khazanchi	Evaluating Satisfaction Level of Grocery E-Retailers Using Intuitionistic Fuzzy TOPSIS and ECCSI Model
4	76	Alka Agnihotri, Dr Shikha Kapoor	Scale Development And Factorial Analysis of Shared leadership in the context of Indian IT Sector
5	225	Mariuxi Bruzza, Amparo Cabrera and Manuel Tupia	Survey of the State of Art Based on PICOC About the Use of Artificial Intelligence Tools and Expert Systems to Manage and Generate Tourist Packages
6	335	Shubhra Gautam, Deepak Kumar and L.M. Patnaik	Fuzzy Rule Base Solution of Bi-Criterion Software Release Time Problem
7	337	Abhishek Srivastava, Dr. P.K Kapur and Dr.Deepti Mehrotra	Modelling fault detection with change-point in agile Software development environment
8	371	Swati Narang, Pk Kapur and D Damodaran	Severity Measure of Issues Creating Vulnerabilities in Websites Using Two Way Assessment Technique
9	383	Nitin Sachdeva, Abhishek Srivastava, Rajat Kumar Obheroi and Nehal Sk	Diffusion of Industry 4.0 in Manufacturing Sector - An Innovative Framework

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Recent Advancements in Computing, Big Data (RAICBD)

Chairs: Dr. Praveen Kumar, ASET, Amity University, Noida, India
Dr. Tanupriya Choudhury, ASET, Amity University, Noida, India

December 19, 2017   **0900-1030 hrs.**   **Parallel Session (Room G-04 (GF))**

Sl No	Paper ID	Author(s)	Paper Title
1	367	Ankita Datta, Rajdeep Chatterjee, Debarshi Kumar Sanyal, Dibyajyoti Guha	An Ensemble Classification Approach to Motor-Imagery Brain State Discrimination Problem
2	97	Rajneesh Mungrah, Zarine Cadersaib	Cloud Application Integration Methodology using Enterprise Application Integration
3	111	Qing Zhu	Data Mining and Web-Based Reporting Software for Power, IR Drop and EM Analysis in VLSI Design
4	112	Mihir Narayan Mohanty, Vipin Gupta	Design of Compact Wearable Antenna for Bandwidth Enhancement
5	121	Engr. Mobeen Nazar, Engr. Misbah Perveen, Engr. Reema Qaiser Khan, Engr. Wafa Qaiser Khan	Web Branding Harmonizer: Need of Color Harmonies and Its Solution in Website Development
6	127	Praveen Kumar, Seema Rawat, Seemant Sagar, Iqbal Singh, Kartikay Garg	An Analytical evaluation of challenges in Green Cloud Computing
7	131	Tanupriya Choudhury, Kartikeya Jain, Ayushi Gupta, Garv Saxena, Lakshya Aggarwal	Computerized Paper Evaluation Using Neural Network
8	357	Praveen Kumar, Priyavrat Singh Yadav, Sarthak Chopra, Jagmeet Singh Sarna, Krishna Rawat	Inspection of Cloud Computing Monitoring Tools

Technical Sessions

Security Issues in Big Data and Cloud Computing Environments

Chair: Prof. Ajay Rana, ATPC, AUUP, India
Co-Chair: Dr. Subhranil Som, AIIT, AUUP, India

December 19, 2017   **0900-1030 hrs.**   **Parallel Session (Room 109 (FF))**

Invited Talk

Topic   :   IoT based approaches-trending in the Current Scenarios
Speaker :   Prof. Sudan Jha, School of Comp. Engg., KIIT University, India

Sl No	Paper ID	Author(s)	Paper Title
1	271	Maninder Jeet Kaur, Piyush Maheshwari	Comparison Study of Big Data Processing Systems for IoT Cloud Environment
2	54	Ganesh Kumar Wadhwani, Prof. Sunil Kumar Khatri, Sunil Muttoo	Link stability based approach for route discovery in MANET using DSR
3	404	Subhranil Som, Ankita Khurana	Robot: Detecting Human Body Using PIR Sensor
4	246	Shruti Nagpal, Prof. Sunil Kumar Khatri, Ashok Kumar	Monitoring and Evaluation of CSF Drives ERP Implementations towards Success through ERP Evolution
5	340	Neha Tyagi, Ajay Rana, Vineet Kansal	Proficient Load Balancing in Cloud Computing with Weighted Optimization Algorithm
6	355	Rachna Jain, Arun Sharma	Pre Defect Estimation for Software Maintainability using Genetic Algorithm

Technical Sessions

Innovation in Software Engineering

Chair: Dr. Varun Gupta, ASET, Amity University, Noida, India
Co-Chair: Dr. Chetna Gupta, Jaypee Institute of Information Technology, Noida, India

December 19, 2017   **0900-1030 hrs.**   **Parallel Session (Room 110 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	150	Yuri Klochkov, Elena Klochkova, Ekaterina Kiyatkina, Djamily Skripnuk, Dmitry Aydarov	Development of methods for business modeling
2	351	Lipsa Sadath, Dr. Stephen Gill	ETHICS and SSM - A Critical Human Element Evaluation in Software Engineering Using The NIMSAD Framework
3	211	Megha Bhushan, Shivani Goel, Ajay Kumar, Arun Negi	Managing Software Product Line using an Ontological Rule-Based Framework
4	214	Leckraj Nagowah, Kreshnah Kora-Ramiah	Automated Complete Test Case Coverage for Web Based Applications
5	336	Subhranil Som, Rana Majumdar, Mainak Ghosh, Chesta Malkani	Statistical Analysis of Student Feedback System Using Cronbach's Alpha and Utility Measurement Process
6	344	Varun Gupta, Mohd Talha Khan, Chetna Gupta	Non-Functional Requirement Prioritization Approach Based On Historical Similar Project
7	364	Rana Majumder, Subhranil Som, Ritu Gupta	Vulnerability Prediction Through Self-Learning Model
8	241	Kamaldeep Kaur, Jasmeet Kaur, Jyotsna Malhotra	Evaluation Of Imbalanced Learning With Entropy Of Source Code Metrics As Defect Predictors
9	346	Varun Gupta, Soham Gupta, Chetna Gupta	Towards Systematic Literature Survey Of Feedback Oriented Mass Market Software Development

Technical Sessions

Emerging Trends in Computer Science and Information Technology

Chair: Prof. G Raju, Kannur University, India
Co-Chair: Dr. Harish Kumar, Panjab University, India

December 19, 2017   **0900-1030 hrs.**   **Parallel Session (Room 111(FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	177	Marie Liliane Isabelle Gervigny, Soulakshmee D. Nagowah	Knowledge Sharing for Agile Distributed Teams: A Case Study of Mauritius
2	204	Vandana Bhatia, Rinkle Rani	An Efficient Influence based Label Propagation Algorithm for Clustering large Graphs
3	324	Muhammad Noman Khalid, Muhammad Iqbal, Muhammad Talha Alam	WUM: An Open Source Blackbox Testing Tool For Detecting Web Vulnerabilities.
4	343	Subhranil Som, Rana Majumder, Sandip Dutta	Elliptic Curve Cryptography: A Dynamic Paradigm
5	368	Varun Gupta, Mansi Bansal, Chetna Gupta, Sartaj Singh	Analysis of Incremental software projects status in software Industries
6	365	Saad Harous, Abdel Rahman Al Harahsheh	An app for Language Learners
7	366	Saad Harous, Fatima Alkhoori, Aaesha Alzaabi, Sara Al Saedi	Alturjoman Alsagheer: Basic Language App for kids
8	369	Varun Gupta, Shivam Dalal, Chetna Gupta	Towards Systematic Literature Survey of Requirement Prioritization in Global Software Engineering
9	375	Varun Gupta, Siddharth Sethi, Karan Chopra, Chetna Gupta	Decision Aspect Prioritization Technique For Incremental Software

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Analytics, Machine learning and Internet of Things

Chairs: Prof. Piyush Maheshwari, Amity University, Dubai, UAE
Prof. Mihir Narayan Mohanty, ITER, SOA University, India

December 19, 2017　　　　　**1515-1700 hrs.**　　　　　**Parallel Session (Room G-04 (GF))**

Sl No	Paper ID	Author(s)	Paper Title
1	190	Muhammad Umair Shahid, Muhammad Nauman, Danyal Haider, Yasal Imran	Comparative Analysis between Direction of Arrival Algorithms
2	122	Hunny Pahuja, Priya Ranjan and Amit Ujlayan	Audio Visual Automatic Speech Recognition using Multi-Tasking Learning of Deep Neural Networks
3	90	Natasha Saini, Dr. Nitin Pandey, Ajeet Pal Singh	Scheduling and Optimizing Security Technique
4	186	Iqra Hussain, Mukesh Negi and Nitin Pandey	A secure IoT-Based Power Plant Control using RSA and DES encryption techniques in Data Link Layer
5	350	Rajbala Singh, Deepak Kumar and B B Sagar	Interpretive Structural Modelling in Assessment of Agile Methodology
6	138	Anurag Shashwat, Deepak Kumar and Lovneesh Chanana	An End to End Security Framework For Service Oriented Architecture
7	280	Priti Narwal, Shailendra Narayan Singh, Deepak Kumar	Game-Theory based Detection and Prevention of DoS Attacks on Networking Node in OpenStack Private Cloud
8	338	Abhishek Srivastava, Anshul Chabra, Bhakti Singh and Rana Majumdar	Application and Use of MCDM Technique in Software Industry
9	384	Abhishek Srivastava, Vaishali Tyagi, Mayank Choudhary and Sunil Choudhary	Comparison Between Smart Phones on The Basis of Their Reliability Factors
10	394	Vandana Juyal, Nitin Pandey, Ravish Saggar	Opportunistic Message Forwarding in Self Organized Cluster based DTN

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Advance Technologies on Information Collection, Extraction and Transmission

Chair: Dr. P. Vijaya, Waljat College of Applied Sciences, Oman
Co-Chair: Satish Chander, Waljat College of Applied Sciences, Oman

December 19, 2017   **1515-1700 hrs.**   **Parallel Session (Room 109 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	183	Sujata Rani, Parteek Kumar	Rule based Sentiment Analysis System for analyzing Tweets
2	220	Peddoju Suresh Kumar, Pranavi S	Performance Analysis of Machine Learning Algorithms on Diabetes Dataset using Big Data Analytics
3	374	Mohammad Mohatram	Hybridization of Artificial Neural Network and Lagrange Multiplier Method to Solve Economic Load Dispatch Problem
4	380	Farha Fatina Wahid, Sugandhi K, Raju G	Fusion of Local and Non-Local Filters for denoising MRI Images
5	382	Satish Chander, Vijaya Padmanabha, Praveen Dhyani	A Multi-Constraint based Objective Function and Lion Optimization for the Data Clustering
6	393	Satish Chander, Vijaya Padmanabha, Praveen Dhyani	MO- ADDOFL: Multi-Objective-based Adaptive Dynamic Directive Operative Fractional Lion Algorithm for Data Clustering
7	399	Sugandhi K, Farha Fatina Wahid, Raju G	Detection of Human Gait Cycle: An Overlap based Approach
8	405	Thulasi A, Remya Ktv, Raju G	Structure Based XML Document Clustering: A Review

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Data Mining, Big Data and their Applications

Chairs: Prof. Mario Jose Divan, Argentina
Prof. Mohd Helmy Abd Wahab, Malaysia

December 19, 2017   **1515-1700 hrs.**   **Parallel Session (Room G-07 (GF))**

Sl No	Paper ID	Author(s)	Paper Title
1	Invited Talk	**Prof. Adrián Will** Advanced Information Technologies Research Group (GITIA), Department of Information Systems, National Technological, University, Argentina	Autonomous Demand-Side Management System for Peak Shaving and Energy Optimization in Electricity Distribution Networks
2	89	María Laura Sánchez Reynoso	Behavioural Similarity Analysis for Supporting the Recommendation in PAbMM

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE
AMITY UNIVERSITY

Technical Sessions

Intelligent Communication System for Sensor based Mobile Ad-hoc Networks

Chair: Dr. Vijander Singh, Amity University Rajasthan, Jaipur, India
Co-Chair: Dr. Linesh Raja, Amity University Rajasthan, Jaipur, India

December 20, 2017   **0900-1045 hrs.   Parallel Session (Room G-04 (GF))**

Sl No	Paper ID	Author(s)	Paper Title
1	176	Mamta Mittal, Hari Singh Rawat, K.K. Paliwal, Lalit Mohan Goyal	Efficient Random Data Accessing in MapReduce
2	179	Neelam Duhan, Divya, Mamta Mittal	Opinion Mining using Ontological Spam Detection
3	272	Deepshikha Bhargava, Sonali Vyas	Agent based solution for Dining Philosophers Problem
4	278	Mamta Dadhich, Vijay Singh Rathore, Sonali Vyas	Comparison and Selection of SaaS Service Providers using ASMAN Framework
5	329	Kanta Prasad Sharma, Ramesh C. Poonia, Surendra Sunda	Map Matching Approach for Current Location Tracking on the Road Network
6	9	Shivani Chowdhary, Subhranil Som, Vipul Tuli, Sunil Kumar Khatri	Security Solutions for Physical Layer of IoT
7	25	Nilasha Rakshit, Subhranil Som, Vipul Tuli, Sunil Kumar Khatri	Smart and Connecting City Parking – Leveraging IoT
8	28	Gaurav Bhatia, Renuka Mahajan, Sunil K. Khatri	A Study for Improving Energy Efficiency in Mobile Devices
9	55	Shobha Tyagi, Subhranil Som, Qamar Parvez Rana	MOM : MANETS (Mutual Adjustment by Neighbor nodes Ensuring Transmissions Smoothly) On MANets (Mobile Ad hoc Networks) provisioning Quality of Service at Network Layer

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

<u>Soft Computing and its Applications</u>

Chair: Dr. Ramesh C. Poonia, Amity University Rajasthan, Jaipur, India
Co-Chair: Dr. Sonali Vyas, Amity University Rajasthan, Jaipur, India

December 20, 2017   **0900-1045 hrs.**   **Parallel Session (Room 109(FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	388	Ramkumar Eswaraprasad, Linesh Raja	Improved Intelligent Transport System for Reliable Traffic Control Management by Adapting Internet of Things
2	398	Leo John Baptist Andrews and Linesh Raja	Remote Based Patient Monitoring System Using Wearable sensors through Online and Offline Mode for Android based mobile platforms
3	403	Vijander Singh, Reena Dadhich	Routing Optimization by Minimizing One-Way Delay in Delay Tolerant Enabled Vehicular Ad-hoc Networks using Ferry Selection Approach
4	84	Amarjeet Prajapati, Jitender Kumar Chhabra	Robustness in Search-Based Software Remodularization
5	240	Rama B, Praveen P, Tanupriya Choudhury, Harshit Sinha	A Study on Causal Rule Discovery with PC Algorithm
6	408	Seema Rawat, Shivam Jindal, Praveen Kumar	A Critical Analysis on Integration of Fog computing and Cloud computing
7	409	Sandeep Kumar, Sanjay Jain, Vivek Kumar Sharma, Harish Sharma	Improved Differential Evolution Algorithm
8	16	Deepak Kumar, Ravi Sharma	Data Synchronization and Offloading Techniques for Energy Optimization in Mobile Cloud Computing
9	102	Panagiotis Dimitropoulos, Zeyar Aung, Davor Svetinovic	Continuous Integration Build Breakage Rationale: Travis Data Case Study

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Decision Support System for Societal Cause

Chair: Dr. Prashant Johri, Galgotias University, Greater Noida, India
Co-Chair: Prof. Rachna Jain, AIIT, Amity University UP, India

December 20, 2017　　　　　**0900-1045 hrs.**　　　　**Parallel Session (Room 110(FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	353	Amba Mishra, Prashant Johri, Anuranjan Mishra	Audio Steganography using ASCII Code and GA
2	376	Prashant Johri, Tanya Singh, Ashok Yadav, Anil Kumar Rajput	Advanced patient matching: Recognizable patient view for decision support in healthcare using Big Data Analytics
3	212	Siphe Mhlana	The Impact of Information and Communication Technology in Education: Gender Issues
4	418	Santhosh Goud Sammeta, Sahith Reddy Madara	Impact Of Information Technologies On Library Services In Educational Institutions
5	377	Prashant Johri, Tanya Singh, Sanjoy Das, Ashok Yadav	Vitality of Big Data Analytics in Healthcare Department
6	207	Sneha Jadoo, Leckraj Nagowah	A Hybrid Approach to cater for Identity and Location Challenges in Crowdsourcing Applications
7	58	Ankur Shukla, Subhashis Chatterjee, Bhagyashree Chaudhuri, Chandan Bhar	Estimation of Software Reliability and Development Cost Using Interval Type-2 Fuzzy AHP
8	412	Sarath Raj Nadarajan Syamala, Jerrin Varghese, Geetanjali Ramesh Chandra	Drones Take-off Towards Legal Regime in the United Arab Emirates

Technical Sessions

Quality & Risk Analysis

Chairs: Prof. V.K. Sehgal, Bundelkhand University, Jhansi, India
Dr. Ompal Singh, University of Delhi, India

December 20, 2017   **0900-1045 hrs.**   **Parallel Session (Room 111 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	147	Yuri Klochkov, Vladimir Glukhov, Albina Gazizulina, Oksana Krasulina and Natalia Vlasova	Evaluating quality of adhesive joint of missile radomes
2	134	Jose Montes	Risks and Regulation of Emerging Technologies in Chaotic and Uncertain Times The Case of 3D Printing
3	3	Rachna Jain, Dhruv Sharma and Sunil Kumar Khatri	Hybrid Artificial Intelligence model based on neural network Simulation models for Software Maintainability prediction
4	149	Yuri Klochkov, Albina Gazizulina, Nikita Golovin, Antonina Glushkova and Zhanna Selezneva	Information Model-Based Forecasting Of Technological Process State
5	4	Gargi Mahajan, Rajbala Simon and Sunil Kumar Khatri	Selection of Framework for Implementing Agile In Software Industry by Fuzzy AHP Approach
6	151	Yuri Klochkov, Elena Klochkova, Nikolay Didenko, Elena Frolova and Natalia Vlasova	Development of methodology for assessing risk of loss of a consumer through the fault of an outsourcer
7	146	Yuri Klochkov, Elena Klochkova, Basel Alasas, Tatyana Kuzmina and Natalia Konakhina	Development Of External Customer Classification Based On The Analysis Of Interested Parties
8	148	Yuri Klochkov, Albina Gazizulina, Olga Mirolyubova, Sergey Glushkov and Ekaterina Knyazkina	Approach to Analysis of Certification Authorities
9	145	Yuri Klochkov, Elena Klochkova, Natalia Solopova, Vladimir Kuzmin and Kseniia Kikkas	Development of the Internal Audit Procedure

INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES
AND UNMANNED SYSTEMS (ICTUS'2017)
DECEMBER 18-20, 2017
IEEE In association with Computer Society of India(CSI)
Technically Co-sponsored by IEEE

Technical Sessions

Artificial Intelligence

Chairs: Dr. Dilip K Sharma, GLA University, Mathura, India
Brig. U K Chopra, AIIT, Amity University, Lucknow, India

December 20, 2017　　　　**1330–1500 hrs.**　　　　**Parallel Session (Room G-04 (GF))**

Sl No	Paper ID	Author(s)	Paper Title
1	203	Mohamed Elzaiady, Ashraf Elnagar	Next-Best-View Planning for Environment Exploration and 3D Model Construction
2	91	Praveen Aggarwal	Predicting Dynamic Modulus for Bituminous Concrete using Support Vector Machine
3	128	Dharshan Y, Srinivasan K, Sharmila B	Optimization Technique for Networked Control DC Motor with Network-Induced Delays and Noise
4	88	Mariam Al Ali, Davor Svetinovic, Zeyar Aung, Suryani Lukman	Malware Detection in Android Mobile Platform using Machine Learning Algorithms
5	115	Fahad Ahmad, Devank Tyagi, Simran Kaur	Predicting Crowdfunding Success with Optimally Weighted Random Forests
6	282	Stuti Shukla, Pooja Khanna, Krishna Kant Agrawal	Review on Sentiment Analysis on Music
7	416	Mohamed Naili, Abdelhak Boubetra, Abdelkamel Tari, Makhlouf Naili	Brain inspired method to extract weights and ranking from fuzzy pairwise comparison matrices
8	413	Shweta Krishna Moorthy, Swaroop Ramaswamy Pillai, Chithirai Pon Selvan M	Microcontroller Based Smart Mobility Management Using Fuzzy Logic
9	133	Archit Aggarwal, Tanupriya Choudhury, Praveen Kumar	A fuzzy interface system for determining Air Quality Index

Technical Sessions

Cyber, Information & Network Security

Chair: Prof. R.K. Kapur, AITEM, Amity University, Noida, India
Co-Chair: Dr. Vilas H. Gaidhane, BITS Pilani Dubai Campus

December 20, 2017 **1330–1500 hrs.** **Parallel Session (Room 109 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	65	Ivica Dodig, Davor Cafuta, Vlado Sruk	Analysing the influence of the DCBF data structure on the DoS attack detection
2	181	Krithiga Lakshmi K, Gupta Himashu, Ranjan Jayanthi	USSD – Architecture analysis, Security threats, Issues and Enhancements
3	419	Ved P Mishra, Balvinder Shukla	Development of Simulator for Intrusion Detection System to Detect and Alarm the DDoS Attacks
4	192	Arnav Chakraborty, Inderpal Singh Mehta, Tanupriya Choudhury, Mukul Sharma	Efficient Approach towards Bitcoin Security Algorithm
5	223	Paavan Rughoobur, Leckraj Nagowah	A Lightweight Replay Attack Detection Framework for Battery Dependent IoT Devices designed For Healthcare
6	227	Anand Paturi, Subhasish Mazumdar	Can Spatial Transformation-Based Privacy Preservation Compromise Location Privacy?
7	410	Sandeep Kumar, Monika Goyal, Deepak Goyal, Ramesh C. Poonia	Routing Protocols and Security issues in MANET
8	421	Masoud Mohammadian	Intelligent Security and Risk Analysis in Network Systems

Technical Sessions

Aerospace Engineering

Chair: Dr. Sanjay Singh, AIAE, Amity University, Noida, India
Co-Chair: Prof. R K Chauhan, AIAE, Amity University, Noida, India

December 20, 2017　　　　　**1330–1500 hrs.**　　　　　**Parallel Session (Room 110 (FF))**

Sl No	Paper ID	Author(s)	Paper Title
1	130	Hari Om Verma, N. K. Peyada, S. Singh	Aerodynamic Modelling of Quasi Steady Stall Using Neural-Network Based Gauss Newton Method
2	200	Md Saquib Reza, Dr. Konark Arora	Contour Design of Aerospike Nozzle and Comparison of Performance
3	259	Navpreet Kaur, Shrey Saxena, Himalaya Gaur, Priyanka Goyal	A Review on Bamboo Fiber Composites and its Applications
4	276	Swaraj Singh, Nitish Kumar Borah, Ankur Vats, Abhinavsingh Pardeshi	Advanced Rocket Propulsion Techniques For Deep Space Travel: A Review
5	277	Nikhil Khanolkar, Nikita Shukla, Ankur Vats, Vivek Kumar	Advanced Space Debris Removable Technique and Proposed Laser Ablation Technique: A Review
6	279	Nahid Fatima	Influence of Radiative Heat on Progress and Decline of Sonic Waves with Internal State Variables
7	284	R. K. Chauahn, S. Singh	Review of Aerodynamic Parameter Estimation Techniques
8	303	Jayanta Sinha, Konark Arora	Review of the flow-field analysis over cavities
9	317	Basant Kumar, Praveen Khanna	Optimization of a multi-generation cooling cycle- Through Performance Analysis of waste-heat
10	326	Nikhil P. Khanolkar, Bharat Bhushan, M. Siddharth, Edwin Borrison, J Sinha	Analysis of Aerodynamic Characteristics of a Missile Configuration