

Programme Schedule - ICoAC 2018
13, 14 & 15, December 2018

Time	Thursday, 13 th December, 2018		
08.30am - 09.00am	Conference Registration, CB Block, Department of Computer Technology		
09.00am - 10.00am	Keynote Address on “Technology overview and applications of visible light communications (VLC) / LiFi” Dr. A. Paventhan, <i>Director, ERNET India</i>		
10.00am - 10.30am	TEA BREAK		
Session 1 Conference Hall CB Block 10.30am - 12.30pm	Oral Paper Presentations on Cloud Computing / Future Generation Networks		
	S.No	ID	TITLE
	1	133	Efficient Secure and Private Healthcare Data Transmission and Allocation in Cloud Environment Buddesab, Yashaswini M S, Thriveni J, Venugopal K R
	2	176	IoT based Consumer-Centric Packaged Drinking Water Quality Monitoring System Ravi Kishore Kodali, Sasweth C. Rajanarayanan, Naga Raja Sai Ashish Peddada
	3	32	A Cloud based Two Layered Access Control with Decentralized Anonymous Authentication in Health Care Raghul Vaikundam R, Sangeetha D, Vaidehi V, Srinandhakumar R, Subhash Ignatius V
	4	52	Privacy Preserving in Cloud using Autoencoder based Deep Learning Classifier for Smart city Applications Nageswari Amma N G, Ramesh Dhanaseelan F
	5	189	Measurement and Analysis of QoS Parameters in RPL Network Kalyani S, Vydeki D
	6	97	An Enhanced Approach for Intrusion Detection in Virtual Network of Cloud Computing Deeksha Kadam, Rajendra Patil, Chirag Modi
	7	114	Abnormality Detection in Human based on Hybrid Model –NB³ AkMGA Poorani M, Badri Narayanan C G, Bharathi. A, Sasidharan J, Varalakshmi P, Vaidehi. V
8	185	IoT Based Smart Car Monitoring System Amruta Rajendra Chougule, Suganthi K	
12.30pm - 01.30pm	LUNCH BREAK		
01.30pm – 02.15pm	Keynote Address on “Electric Vehicles and Autonomous Driving - Life Changing Technologies” Dr. Xavier Fernando, <i>Professor, Ryerson University, Canada</i>		
02.15pm – 03.00pm	Inauguration of ICoAC 2018		
03.00pm - 03.15pm	TEA BREAK		
Session 2 Conference Hall CB Block 03.15pm - 05.15pm	Oral Paper Presentations on Data Science		
	S.No	ID	TITLE
	1	194	Disseminated and Decentred Blockchain secured Balloting: apropos to India Chandra Priya J, Ponsy R K Sathia Bhama
	2	25	3D Color Point Cloud Compression with Plane fitting and Discrete Wavelet Transform Chithra P L, Christoper Tamilmathi A
	3	102	An Intelligent MLFQ Scheduler Prediction Using Neural Approach Siva Nageswara Rao G, RamKumar J, Srinivasa Rao T
	4	116	Detection of Botnet traffic by using Neuro-fuzzy based Intrusion Detection Pradeepthi K V, Kannan A
	5	195	Intrusion Detector for Blockchain based IoT Networks Gunasekaran Raja, Aishwarya Ganapathisubramaniyan, Gokul Anand, Gowshika
	6	207	Achieving QoS in GSM Network by Efficient Anomaly Mitigation and Data Prediction Model Rajesh G, Ramakrishnan T, Shreevignesh S, Vinayagasundaram B, Mercilin Raajini X
	7	40	Cryptanalysis of Provably Secure Authentication Scheme for Multi-Server Environment Sudhakar T, Natarajan V
8	167	Flexible-Fuzzy Mutual Information based Feature Selection on High Dimensional Data Manikandan G, Susi E, Abirami S	
Time	Friday, 14 th December, 2018		
08.30am - 09.00am	Conference Registration, CB Block, Department of Computer Technology		
09.00am - 10.00am	Keynote Address on “Network Slicing in 5G Networks: Opportunities and Challenges” Dr. Krishna M. Sivalingam, <i>Professor and Head, Dept of CSE, IIT Madras</i>		
10.00am - 10.30am	TEA BREAK		

Oral Paper Presentations on Learning Analytics and Databases			
S.No	ID	TITLE	
Session 3 Conference Hall CB Block 10.30am - 12.30pm	1	178	Big Data Analytics in Healthcare Ambigavathi M, Sridharan D
	2	54	A Framework for Medical Big Data Processing : An Art of Survey Sheik Abdullah A, Gokul Karthik K, Selvakumar S
	3	158	Enhanced Bond Energy Algorithm for Data Placement in Hadoop Framework Sridevi S, Reshma J G, Pavithradevi E, Dhivya S, Rhymend Uthariaraj V
	4	177	Routing Protocols for Underwater Wireless Sensor Networks: A Survey Deepika Roselind Johnson, Rhymend Uthairiaraj V
	5	83	Machine Learning Approach for Analysing Encrypted Data Pradeepthi K V, Vikas Tiwari, Ashutosh Saxena
	6	12	Automatic Detection of Regular Geometrical Shapes in Photograph using Machine Learning Approach Soma Debnath, Aman, Suvamoy Changder
	7	37	A Novel Approach to Routing Technique for Mobile Sink in Wireless Sensor Network to Enhance the Network Lifetime Padmalaya Nayak, Rama Murthy G, Devakishan Adla
	8	118	Privacy Protected System for Vulnerable Users and Cloning Profile Detection Using Data Mining Approaches Suriakala M, Revathi S
12.30pm - 01.30pm		LUNCH BREAK	
01.30pm - 02.30pm		Keynote Address on “The Role of Cloud and Edge Computing in the Internet of Things” Dr. Yogesh Simmhan, Dept of CDS, IISc, Bengaluru	
02.30pm - 03.00pm		TEA BREAK	
Oral Paper Presentations on Wireless Sensor Networks / Intelligent Systems			
S.No	ID	TITLE	
Session 4 Vision Intelligence Lab CB Block 03.00pm – 05.00pm	1	140	Smart laptop bag with machine learning for activity recognition Dwij Sureshkumar Sheth, Shantanu Singh, Prakhar S Mathur, Vydeki D
	2	141	Leaky Bucket based congestion control in Wireless Sensor Networks Srinivas J, Gowtham Y, Shagul Amith S, Chaitanya K, Archana R, Gunasekaran Raja
	3	14	Analysis on Implementation of Optical Network Management Solution with Hadoop Architecture Bhanu Chander U
	4	131	Cognitive Intelligent Transportation System for Smart Cities Gunasekaran Raja, Aishwarya Ganapathisubramaniam, Madhumitha Sri Selvakumar, Thiruvani Ayyarappan, Karthikeyan Mahadevan
	5	144	Effective Cryptography Mechanism for Enhancing Security in Smart Key System Madhumitha Sri Selvakumar, Rohini Purushothkumar, Arunkumar Ramakrishnan, Gunasekaran Raja
	6	136	User Activity Analysis Driven Anomaly Detection in Cellular Network Swarnalaxmi S, Elakkiya I, Thilagavathi M, Anil Thomas, Gunasekaran Raja
	7	172	Optimizing Wireless Charger Placement for Rechargeable Wireless Sensors Arivudainambi D, Pavithra R, Mangairkarsi S
Oral Paper Presentations on High Performance Computing			
S.No	ID	TITLE	
Session 4A Conference Hall CB Block 03.00pm - 05.00pm	1	208	Collaborative Deep Learning Techniques for Sentiment Analysis on IMDb Dataset Savitha Mathapati, Amulya K Adur, Tanuja R, S H Manjula, Venugopal K R
	2	17	Enhanced Artificial Neural Network Models using Principal Component Analysis for Plants multiclass classification Sornam M, Vanitha V
	3	163	Eco-Aware Load Balancing for Distributed Cloud Data Centers with Renewables Thilagavathi N, Subha R, Rhymend Uthariaraj V
	4	206	Adaptive Mechanism for Recognition of Diseases in Medical Images Viswanath M, Seetharaman R, Nedumaran D
	5	143	Memory Aware Thread Aggregation Framework for Dynamic Parallelism in GPUs Thanasekhar Balaiah, Ranjani Parthasarathi
	6	96	Designing an Efficient Framework for Violence Detection in Sensitive Areas using Computer Vision and Machine Learning Techniques Kuldeep Singh, Yamini Preethi K, Vineeth Sai K, Chirag N Modi
	7	113	An Analysis of Feature Selection based on Optimization Algorithms for Speaker Verification Sujiya Sreedharan, Chandra Eswaran
	8	209	Gesture Recognition based on Deep Convolutional Neural Network Jayanthi P, Ponsy R K Sathia Bhama

Time	Saturday, 15 th December, 2018		
08.30am - 09.00am	Conference Registration, CB Block, Department of Computer Technology		
09.00am - 10.00am	Keynote Address on “IoT enabled Healthcare using Machine learning ” Dr.Vaidehi Vijayakumar, Dean, SCSE, VIT- Chennai		
10.00am - 10.30am	TEA BREAK		
Session 5 Conference Hall CB Block 10.30am - 12.30pm	Oral Paper Presentations on Image Processing / Social Computing		
	S.No	ID	TITLE
	1	183	Colon Cancer Prediction On Different Magnified Colon Biopsy Images Tina Babu, Deepa Gupta, Tripty Singh, Shahin Hameed
	2	130	Sentiment Analysis using Novel Distributed Word Embedding for Movie Reviews Jenish Dhanani, Rupa Mehta, Dipti Rana, Bharat Tidke
	3	199	3D Digital Reconstruction of Heritage Artifacts: Parametric Evaluation Harsha Desu, Rajkumar Gothandaraman, Sreekumar Muthuswamy
	4	148	Distributed Deduplication System with Improved Reliability and Access Efficiency Bhavya M, Shravani N, Thriveni J, Venugopal K R
	5	142	Enhancement of Segmentation and Feature Fusion For Apple Disease Classification P. Kola Sujatha, J. Sandhya, Jitta Sai Chaitanya, R. Subashini
	6	175	Multi-sensor, Multi-modal Medical Image Fusion for Color Images: A Multi-resolution Approach Rekha R Nair, Tripty Singh
	7	212	Face Recognition Using Hyperspectral Imaging and Deep Learning Radha Senthilkumar, V.Srinidhi, S.Neelavathi, S.Renuga Devi
Session 5A Vision Intelligence Lab CB Block 10.30am - 12.30pm	Oral Paper Presentations on Network Science & Security		
	S.No	ID	TITLE
	1	210	Diminishing fall-out and miss-rate in the classification of lung diseases using deep learning techniques Varalakshmi P, Gowtham Yuvaraj, Karthiga Dhanasekaran, Kalaiyarasi Samannan
	2	129	Congestion Avoidance Aware using Modified Weighted Fairness Guaranteed DRED-FDNNPID Congestion Control for MWSN Monisha V, Ranganayaki T
	3	153	Anomaly Detection in Video Using Gaussian Model and Recurrent Neural Network Kola Sujatha P, Yuvarani S
	4	106	DAKAA: Double Authentication and Key Agreement Algorithm for securing vehicular ad hoc networks Muthumeenakshi R, Anu Monisha. A, Murugan. K
	5	190	Anomaly user effect on detection performance of eigenvalue and volume based spectrum sensing Sesham Srinu, Nalina Suresh, Mundla Narasimhappa
	6	186	Detection of Anomalies in Traffic Scene Surveillance Shashank Singh Yadav, Vaidehi Vijayakumar, Joshan Athanesious
	7	187	Distributed Fault Node Detection and Classification using Fuzzy Logic and Management Scheme for Wireless Sensor Networks Kathiroli Raja, Rajnita Leichombam
8	101	Serverless Architecture - A Revolution in Cloud Computing Arokia Paul Rajan R	
12.30pm - 01.30pm	LUNCH BREAK		
01.30pm - 02.30pm	Keynote Address on “Space Efficient Data Structures” Dr. Venkatesh Raman, Professor, IMSc, Chennai.		
Session 6 Conference Hall CB Block 02.30pm – 04:30pm	Oral Paper Presentations on Smart Computing		
	S.No	ID	TITLE
	1	162	Comparison of Public Key Algorithms for Lightweight and Low Cost System Renita J, Edna Elizabeth, Niveditha Shankar, Shyam Sundar R, Sruthi K
	2	53	Comparative analysis of Mobile Ratings Sujatha Ekambaram, Radha Rajagopalan
	3	188	Diagnosis of Diabetes Using Cascade Correlation and Artificial Neural Networks Dr. Kathiroli.R, RajaKumari.R, Gokulprasanth.P
	4	161	Double Q-learning Agent for Othello Board Game Thamarai Selvi Somasundaram, Karthikeyan Panneerselvam, Tarun Bhuthapuri, Harini Mahadevan, Ashik Jose
	5	46	Scalable Spatio-Temporal Reasoning of Sequential Events using Spark Framework Uma V, Jayanthi G
6	200	Identifying event bursts using log-normal distribution of tweet arrival rate in Twitter stream Bhuvaneswari A, Valliyammai C	

	7	192	Detection of Man in The Middle Attacks in Wi-Fi networks by IP Spoofing Gokul Anand, Sahaya Beni Prathiba, Gunasekaran R, Ponmani
	8	202	Mobility Management for Critical Time and Delay Tolerant Applications in Vehicular Networks Gina Rose G, Gunasekaran R, Aishwarya G
04.30pm	High Tea		