



Proceedings of the  
International Conference on  
Internet on Things- ICIoT 2019

ICIoT 2019  
March 11 - 15, 2019



Book of Abstracts

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Organized by

Department of Computer Science & Engineering,  
Faculty of Engineering and Technology,  
SRM Institute of Science and  
Technology, Chennai, India.

In Association with



Prof. SANDEEP SANCHETI Ph.D (UK), FIETE, FIE(I), MIEEE  
Vice Chancellor  
&  
President - Association of Indian Universities, New Delhi



## MESSAGE

I am happy to note that the Department of Computer Science and Engineering, SRMIST is organizing the International Conference on Internet of Things (ICIOT 2019) from March 11 – 15, 2019.

The current research trends such as Internet of Things (IoT) has evolved due to convergence of multiple technologies, including ubiquitous wireless communication, real time analytics, machine learning, commodity sensors and embedded systems. Pervasive connectivity, smart devices and demand for data testify that IoT will continue to grow by leaps and bounds. Computing power is dropping in price while new sensors are being developed and incorporated into everyday objects, and as people buy into IoT technology, economies of scale lend themselves to the creation of ever more data-centric businesses and applications. Instrumenting and connecting devices have massive potential to deliver a social and economic value. However, there is need for a coordinated effort when rolling out the next generation of self-reporting paradigms.

I am sure that the conference will provide the right platform to establish a network among researchers from various parts of the world and lead to new innovative strategies in the field of Internet of Things. I hope the conference serves as a platform to share knowledge and provide an awesome opportunity to scholars, academicians, industrial experts and students for exchanging their ideas and findings in current research areas to excel in their field of specialization.

I wish the conference a great success and extend my good wishes to all the members associated with it.

A handwritten signature in blue ink, appearing to read 'Sandeep Sancheti', with a horizontal line drawn underneath it.

Dr. Sandeep Sancheti

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### Message

The Department of Computer Science and Engineering laid stones of success on the essence of academic pursuit and excellence. Excellence in any work can be achieved with utmost dedication, hard work, and perseverance. We, at CSE Department, have made this dictum our motto and our way of life in every single activity in the campus.

Research and development forms the backbone of our curriculum and syllabus for the department of Computer Science and Engineering. The faculty and students are engaged in various path-breaking innovative research activities all throughout the year. Every school of our University organizes conferences and seminars frequently on contemporary and relevant topics in order to facilitate research in the areas of Bio Informatics, digital signal processing, software defined networking, wireless sensor networks, computer networking, Artificial Intelligence and Machine learning, Service oriented architecture, Cyber physical systems, Internet of Things, data mining and data warehousing etc which leads to necessary metamorphosis in the academia.

The School of Computer Science and Engineering, right from its inception, has been active in research and innovation and has setup an ambient academic environment for its students and research scholars. With the commitment of highly qualified and efficient staff, the Department endeavors vigorously to make a mark in the field of research and development. The 2019 International Conference on Internet of Things organized by the Department of Computer Science and Engineering is another venture to provide a platform for academicians – teachers, students, research scholars, and industry personnel – globally to discuss on contemporary trends and innovations in the field of IoT. All the quality papers presented in the conference will be submitted for inclusion in Scopus Indexed Journals.

I wish the conference all the very best and urge all participants to brainstorm on the various thrust areas of the conference. I also wish all of you a happy stay in our campus and look forward to your participation in various events in the campus in the near future.

  
Dr. B. AMUTHA

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