TWO DAYS WORKSHOP
on
INTERNET OF THINGS (IOT): THE FUTURE OF CONNECTIVITY
(28th to 29th, October 2021)
Department of ECE, DTU

Convenor: Prof N S Raghava, Prof S Indu and Mr Pramod Kumar
Coordinators – Prof. J Panda, Prof. Gurjit Kaur, Dr. Rohit Kumar, Dr. Sachin Taran,
Dr. Anukul Pandey, Dr. Manjeet Kumar, Ms. Lavi Tanwar

PREAMBLE

This workshop is devoted to address the need to enhance the knowledge about the latest development in field Internet of Things (IoT) is organized by IEEE-SA and Delhi Technological University, Delhi. The whole course is handled by academicians and industry experts.

ORGANIZING COMMITTEE

Patron
Prof. Jai Prakash Saini
Vice Chancellor, DTU Delhi

Convenor
Prof. N S Raghava
HOD, ECE Dept., DTU Delhi
Prof. S Indu
ECE Dept., DTU Delhi
Mr. Pramod Kumar
IEEE-SA

Coordinators
Prof. J Panda
Prof. Gurjit Kaur
Dr. Rohit Kumar
Dr. Sachin Taran
Dr. Anukul Pandey
Dr. Manjeet Kumar
Ms. Lavi Tanwar

ABOUT THE INSTITUTE

Delhi Technological University located in Delhi is a premier institution of Engineering and Technology in India. The university plays a key role in the national and global knowledge network, empowering India with the wings of knowledge and innovation. The university aims to imbibe a culture of methodical research and to develop a scientific temper for the integration of science, engineering and management. DTU has been ranked amongst the top institutions in multiple reputed national and international surveys.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering has experienced considerable growth since its inception in 1976. The vision of the department is to focus on the incubation of innovations in the areas of electronic design/ fabrication, and communication technologies, which are needed to address the growing challenges of tomorrow. The overall aim is to harbor a sustainable, and continuously evolving scientific, technological and educational environment which is both internationally-adapted and industry relevant.

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IEEE SA STANDARDS ASSOCIATION
IEEE DELHI SECTION

Organized by
IEEE-SA and Department of Electronics and Communication Engineering,
Delhi Technological University,
Shahbad Daulatpur, Main Bawana Road, Delhi-110042.
India

Venue
EDUSAT Hall, EE Department, DTU Delhi

(Sponsored by IEEE and DTU)

COURSE CONTENTS

Day 1 (1:30 PM - 5:30 PM)

Session 1: IoT Fundamentals & Standards
- IoT Fundamentals and Protocols
- Impact of IEEE Standards in IoT Innovation

Session 2: Advancements in Hardware
- Industrial Automation
- Industrial AI & Edge Analytics
- Industrial IoT

Day 2 (2:00 PM - 5:30 PM)

Session 3: Industrial IoT/Smart Manufacturing
- IoT Harmonization & Industrial Automation
- Smart Grid IoT

Session 4: Smart Cities
- Impact of 5G on Smart Cities
- Smart Cities Reference Architecture
- OneM2M

RESOURCE PERSON

- Mr. Krishna, CDAC
- Mr. Sri Chandra, IEEE SA
- Mr. Arun Jain, NXP
- Mr. Arvind Raju, Intel
- Mr. Alok Mittal, ST Microelectronics
- Mr. Vinod Agarwal, Taylor Instruments
- Mr. Vikram Gandotra, Siemens
- Mr. Sachin Rane, Schneider Electric
- Mr. Ujjwal Bagchi, HFCL
- Mr. Narang Kishor, Narnix Labs
- Mr. Arindam Sarkar, C-DoT

ELIGIBILITY

The program is open to the Faculty and Research Scholars of Engineering Colleges and allied disciplines in India. Industry personnel working in the concerned/allied discipline can also attend.

REGISTRATION

The interested person should register on the below link:

https://bit.ly/IEEESA-DTU-IOT-WORKSHOP

- **Since this is an offline (In-person) event, so seats are limited**
- **No Registration fee is required for attending this workshop, but Registration is compulsory**

Important Dates
Last date of registration: October 25, 2021
Confirmation to the participants: October 26, 2021

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Note: The participants need to maintain minimum 85% attendance in the event to become eligible for the certificate.