



CSI SIG IoT



In Collaboration with CSI-Hyderabad Chapter

Presents One Day Workshop on

IoT and Data Analytics on 25 Nov 2017

Time: 9.00 Am to 5.00 PM

Venue: CSI Hyderabad Chapter

Explore the Criticality of IoT and Data Analytics with Digital Disruption

Module 1: Build IoT using Raspberry Pi

- IOT: H/W Boards
- Architecture of Raspberry Pi Board
- Setting up Raspberry Pi Board to start the Work.
- Installing OS on your Raspberry Pi
- MQTT protocol and Communication using MQTT protocol
- Case study of IoT

Module 2: Design secure IoT and IoT on Cloud

- Security Requirement of IoT system
- Threat of IoT system
- Securing IoT system
- IoT on Cloud

Module 2: Data Science word and Opportunity

- Need of Data Science
- Case study and success story of data Science
- Identifying problem and selecting right tools

Module 4: Data Analytics using 'R' Tool

- Introduction to data analytics
- R Structure, Saving and Loading, importing and exporting data using CSV file

Who Attends

- Students, Academicians & Research Scholars From Various Disciplines
- Students to become industry ready
- Research professionals
- Industry professional

Why Attend

This workshop is delivered through a combination of instructor led classroom sessions to cover the theory and lab based experimental hands on sessions.

What Content

Well researched extensive content that reflects the latest trends, work and innovations in IoT and digital technologies. Giving the best content to the learners.

By pre-registration only: Limited seats available.

Register Today (Register Online in <http://iot-csisig.in>). Last date of registration 15 Nov 2017.

Or send mail with Fee depositing to SBI with copy of receipt: iot@csihyderabad.org

Registration fees:

A. Academia: CSI Members: Rs.850/- Non-CSI Members: Rs.990/- (Inclusive of service Tax)

B. Industry: CSI Members: Rs.2950/- Non-CSI Members: Rs.3950/- (Inclusive of service Tax)

Cheque to be drawn in favour of "**CSI Hyderabad Chapter**"

A/c No. 34200480145, Payable at **State Bank of India, MIDC, Andheri (East) Mumbai - 400 093.**

IFSC Code: SBIN0007074



Experts & Faculties:

A team of experts from the R&D Institute, Industry and the Academic world best suited for conducting the workshops. A good mix of both the worlds for the best learning outcome.

About IOT-SIG:

The IoT (Internet of Things) SIG is to promote the research, development and application of the rapidly expanding category of wirelessly connected devices and machines that makes use of internet to control/monitor various types of physical devices connected to the internet. This SIG will focus on the span the entire ecosystem revolving around IoT, such as cloud and edge computing, data analytics, sensor networks, mobile devices, Internet architecture, middleware and numerous IoT applications research and development. Our aim is to encourage research on innovative IOT based projects ideas and topics that are yet to be implemented. This SIG aims to connect IoT leaders and innovators with developers, entrepreneurs, and investors. This SIG also plan to launch one International journal and for that this SIG invites researchers and practitioners from academia, industry and government, and accepts original, previously unpublished work on a range of topics related to the Internet of Things.

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<http://iot-csisig.in>, Mail: iot@csihyderabad.org

Office Address: #302, Archana Arcade, 10-3-190, St. Johns Road, Opposite Railway Reservation Complex, Secunderabad, Telangana Pin Code: 500025

Certificate will be provided to every participants.

Organizing Committee:

1. Seshu Kumar GV, Vice Chairman
2. Sri Vijay S, Program convener

Distinguished Faculty:

1. Sri Rajeev RK. Senior project Manager Wipro Ltd
2. Dr. Raja Ram , Management Committee
3. Dr. Santanu Chatterjee , Scientist DRDO
4. Sri Amit Gupta, Scientist ,DRDO
5. Dr. Ramana, Management Committee

Advisory Committee:

1. Sri Gautam Mahapatra, Vice President CSI
2. Sri Mohan Riadu, Chairman
3. Sri Raju Kanchibotla , Chairman Application
4. Sri P. Sudhakar , immediate Past Chairman

Excellent Opportunities
For
Interested Participants (UG/PG Students)
To carry out their Internship/Final Year Project
Under supervision of
CSI SIG IoT Research Team.