ICTSIG Digital Class 2019
Internet of Things (IoT)

Organised by Information and Communications Technology Special Interest Group, IEM
BEM Approved CPD/PDP Hours: 2 CPD   Ref No: IEM17/HQ/023/T

Date: 12 October 2019
Day: Saturday
Time: 11.00 am – 1.00 pm
Venue: IEM Maker Space Room, Ground Floor, Wisma IEM, Petaling Jaya, Selangor

Speaker: Ir. Lee Mun Poh and Ir. Chai Chen Sing

PREREQUISITES:
As this is a hands on class, participants are required to bring your own Laptop.
(All the necessary software will be provided during the class)

SYNOPSIS

According to a report from the McKinsey Global Institute, it estimates that the Internet of Things has the potential to generate US$4 trillions to US$11.1 trillions in economic value by 2025. So, what is this Internet of Things that could generate this economic value? Wikipedia defines Internet of Things or, in short, IoT as as '*the extension of Internet connectivity into physical devices and everyday objects. Embedded with electronics, Internet connectivity, and other forms of hardware (such as sensors), these devices can communicate and interact with others over the Internet, and they can be remotely monitored and controlled.*'

In a non technical term, by taking out the jargons, IoT is simply just connecting things to the internet. In this series of digital classes on IoT, we will touch on the basic of IoT architecture layers ie. device layer, gateway layer and platform layer. In each class, participants will learn the basic of each architecture layer with a hands-on session.

We hope that by the end of these digital classes, the participants will gain some insights about IoT and implement them in their next engineering projects.

BIODATA OF SPEAKER

1. Ir. Lee Mun Poh
Ir. Lee Mun Poh graduated with a Bachelor of Science (Mechanical Engineering) from the University of Sussex (UK) in 1975. He is a registered Professional Engineer with a Practising Certificate (Mechanical), Board of Engineers, Malaysia. Ir. Lee has more than 40 years working experience in the field of industrial automation and controls. He is currently the Adviser to IEMICTSIG. He specializes in technical products for the Maker Movement and the IOT. He has more than 10 years working experience in the timber industry in Syarikat Jengka Sdn. Bhd and completed projects in the timber, electronic, chemical and automotive industries.

2. Ir. Chai Chen Sing
Ir. Chai Chen Sing had 24 years of experience in the engineering industry. His experience range from consulting services and contracting in construction industry, SCADA implementation for processing plant, web application development and machine to machine communication. He is currently the principal consultant for Versoset Engineers Sdn Bhd and also the technical director for Mercatura, a m2m solution provider. He heads the technical development for integrated custom made embedded system as well as web application development utlising cloud solution. Ir. Chai Chen Sing graduated from University of New South Wales, Australia in 1992. He served as committee members of ICT Special Interest Group since 2014 and he is the chairman for the session 2018/2019.

Ir. Yasser Asrul Ahmad
Chairman
Information and Communication Technologies Special Interest Group

ANNOUNCEMENTS
TO NOTE:
- Free Admission for **IEM member.**
- **Non-members** may also attend the class but will need to pay a commitment fee of **RM50**. Inclusive SST.
- Limited seats are available on a "first come first served" basis (maximum 10 participants). **To secure your seat, kindly register online at www.myiem.org.my.**

PERSONAL DATA
PROTECTION ACT
I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at http://www.myiem.org.my and I agree to IEM's use and processing of my personal data as set out in the said notice.