

# ICTSIG Digital Class (September 2018)

## Raspberry Pi

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

Organised by Information and Communications Technology Special Interest Group, IEM

BEM Approved CPD/PDP Hours: 2 CPD Ref No: IEM17/HQ/023/T

**Date/ Day:** 08 September 2018, Saturday  
**Time:** 11.00 am – 1.00 pm  
**Venue:** YES, 2nd Floor, Bangunan Ingenieur, IEM

### 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

Raspberry Pi, a low cost single board computer, introduced by the Raspberry Pi Foundation in United Kingdom sold 19 million units by March 2018. It had a wide range of applications ranging from home automation to taking pictures from space and it is loved by both hobbyists as well as industry players.

In these digital class, we will learn how to use the raspbian operating system, working with Raspberry Pi General Purpose Input Output (GPIO) and finally to use the knowledge that you learned to build a real life project.

### 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 utilising 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 currently, he is the chairman for the session from 2016 to 2017.

#### Ir. Chai Chen Sing

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**.
- 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](http://www.myiem.org.my).**

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