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10 pax
only!

ICTSIG Digital Class 2020

Raspberry Pi for Maker

Organised by Information and Communications Technology Special Interest Group, IEM

BEM Approved CPD/PDP Hours: 4.0

Ref. No.: IEM20/HQ/002/T

Date: 22nd February 2020
Day: Saturday
Time: 9.00 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

SYNOPSIS

It's easy to understand why people were sceptical of the Raspberry Pi when it was first announced. A credit card-sized computer for \$35 seemed like a pipe dream. Which is why, when it started shipping, the Raspberry Pi created a frenzy of excitement.

Class contents:

1. Getting up and running.
2. Linux on the Raspberry Pi.
3. Python on the Pi.
4. Arduino and the Pi.
5. Basic input and output.
6. Programming Inputs and Outputs with Python.
7. Working with webcams.
8. Python and the Internet.

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 he is the chairman for the session 2018/2019.

Ir. Yasser Asrul Ahmad

Chairman

Information and Communication Technologies Special Interest Group, ICTSIG
Session 2019/2020

PREREQUISITES:

As this is a hand on class, participants are required to **bring your own:**

- 1) Laptop with Windows 10
- 2) Raspberry Pi c/w power supply
- 3) Micro SD cards 16GB (min. 2pcs)
- 4) Ethernet cable

ANNOUNCEMENTS

TO NOTE:

Fees (inclusive 6% SST)

IEM member: RM30

Non-member: RM50

- Limited seats are available.
- To secure your seat, kindly register online at www.myiem.org.my.

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