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## Workshop: Raspberry Pi for Noobs

Saturday 27<sup>th</sup> January 2018

08:30-13:00

Computer Lab (C24-407)

Faculty of Mechanical Engineering, UTM

### Who Should Attend?:

*“You mean pie, a typo ..., right?” “Like cookies?” “Raspberry flavoured, huh?”*

If you think Strawberry Pie and Raspberry Pi are about taste, or if you are one of those people who haven't a clue as to what Raspberry Pi is, this workshop is an eye opener.

This appreciation workshop introduces Raspberry Pi 3 microcomputer to the uninitiated as a versatile, low power, portable computing engine for desktop, scientific and media centre applications. Participants will learn:

- What is Raspberry Pi 3 and what are its components?
- How to build a computer using Raspberry Pi 3 platform
- What role an operating systems plays in a fully functional computer
- What peripherals can be connected to Raspberry Pi 3

Participants will also receive hands-on experience sampling and testing Raspberry Pi 3 in three operating system environments (Ubuntu MATE for desktop environment, Lubuntu for scientific computing & LibreELEC for media centre) and learn how to leverage the computing tools built around these environments to match his/her future computing needs.

**Fee:** RM 60.00

(All workshop materials will be made available to participants in a USB flash drive.)

**Seating:** Limited to 10 seats.

**Session 1:** 08:30-10:30, Computer Lab (C24-407), Faculty of Mechanical Engineering

\* **Raspberry Pi for Newbies**

**Coffee break:** 10:30-11:00

**Session 2:** 11:00-12:45, Computer Lab (C24-407), Faculty of Mechanical Engineering

\* **Hands-on Session: Experience Desktop Computing, Scientific Computing & Media Centre Application on Raspberry Pi 3**

**Lunch:** 12:45

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### Facilitator:

Dr. Abu Hasan ABDULLAH

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**Contact for registration:** +6011-20638416 or twopi2017 <at> gmail.com