

Colloquium: Raspberry Pi for Newbies

Saturday 06th February 2021

08:30-12:30

Computer Laboratory (C24-407)
School 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 3/4 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 3/4 and what are its components?
- How to build a computer using Raspberry Pi 3/4 platform
- What role an operating systems plays in a fully functional computer
- What peripherals can be connected to Raspberry Pi 3/4

Participants will also receive hands-on experience sampling and testing Raspberry Pi 3/4 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: Free

Seating: Limited to 10 seats.

Session 1: 08:30-10:30, Computer Lab (C24-407), School of Mechanical Engineering
* **Raspberry Pi for Newbies**

Coffee break: 10:30-11:00

Session 2: 11:00-12:30, Computer Lab (C24-407), School of Mechanical Engineering
* **Hands-on Session: Experience Desktop Computing, Scientific Computing & Media Centre Application on Raspberry Pi 3/4**

Facilitator:

Dr. Abu Hasan ABDULLAH

Contact for registration: oscae@protonmail.com