OSCAE.Initiative

(Open Source Computer Aided Engineering)

School of Mechanical Engineering
Universiti Teknologi Malaysia

Workshop: Octave for Experimental Data Analysis

Tuesday 16th April 2019
14:15–18:00
OSCAE.Initiative Lab (C24-407)
School of Mechanical Engineering, UTM

OSCAE.Initiative is running the "Octave for Experimental Data Analysis" workshop which will introduce users to using Octave on Linux operating system. It caters for the uninitiated to, both Linux and Octave, introducing interactive session of commands running off Octave prompt to process data. Participants will receive a hands-on, interactive introduction to Octave on Ubuntu MATE operating system.

Who Should Attend?: This workshop is beneficial for final year undergraduates and postgraduates who are doing research in areas involving plenty of experimental data to be collected, processed and analyzed.

Registration Fee: N/A

Limited seating: 15

Session 1: 14:30–16:30, OSCAE.Initiative Lab (C24-407)
    * Octave interpretive mode: Octave interactive prompt, handling arrays, 2-D graph plotting commands, functions for descriptive statistics

`Asr/Tea Break: 16:30–17:00, Pantry/Musalla

Session 2: 17:00–18:00, OSCAE.Initiative Lab (C24-407)
    * Programming with Octave: M-files, file I/O (input data, output graphs), sample experimental data

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Facilitator:
Assoc. Prof. Dr. Abu Hasan ABDULLAH

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