

Chairman,  
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### REGISTRATION FORM

#### One Day Workshop on “Engineers First Step to 3D Printing”

organized by ICTSIG

(CLOSING DATE: 18<sup>th</sup> MAY 2022)

No	Name	M'ship No.	Grade	Fee (RM)
SUB TOTAL				
ADD SST 6%				
TOTAL PAYABLE				

Enclosed herewith a crossed cheque No: \_\_\_\_\_ for the sum of RM \_\_\_\_\_ issued in favour of “**The Institution of Engineers, Malaysia**” and crossed ‘A/C payee only’. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ (O) \_\_\_\_\_ (Fax)

\_\_\_\_\_ (H) \_\_\_\_\_ (HP)

Email: \_\_\_\_\_

Signature & Stamp

Date

photocopies are acceptable

#### PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.



21 MAY 2022  
(SATURDAY)

## One Day Workshop: Engineers First Step to 3D Printing

Organised by  
Information and Communications Technology Special Interest Group (ICTSIG), IEM

Venue : TUS & C&S Lecture Rooms, 2<sup>nd</sup> Floor, Wisma IEM, Petaling Jaya, Selangor  
Date : 21 May 2022 (Saturday)  
Time : 9.00 am – 5.00 pm  
Speaker : Mr. Wan Mohd Faizal bin Wan Zainus

BEM Approved CPD/PDP: 7 Ref. No: IEM22/HQ/068/W

#### REGISTRATION FEES (SST shall be at 6% with effect from 1 March 2019)

	ONLINE	NORMAL (OFFLINE)
IEM Student Member	RM 150.00	RM 180.00
IEM Graduate Member	RM 250.00	RM 300.00
IEM Corporate Member	RM 400.00	RM 450.00
Non IEM Member	RM 800.00	RM 900.00

#### IMPORTANT NOTES

- Closing Date: **18 MAY 2022 (WEDNESDAY)**
- For **ONLINE REGISTRATION**, payment **MUST BE MADE VIA ONLINE PAYMENT [via RHB Now and Maybank2u - Personal Saving & Personal Current; Any Credit Card - Visa/Master]**. If payment is not received within the stipulated time, the registration fee will automatically be reverted to the normal fee.
- Payment via **CASH/CHEQUE/BANK-IN TRANSMISSION/BANK DRAFT/MONEY ORDER/ POSTAL ORDER/LOU/LOG/WALK-IN** will be considered as **NORMAL REGISTRATION**
- **FULL PAYMENT must be settled before commencement of the event**, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non-refundable. IEM reserve the right to reject any LOU/LOG not in accordance with these instructions.
- The Organizing Committee reserves the right to alter or change the program due to unforeseen circumstances.

“IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion”. For intending participants who choose to ‘walk in without prior registration’, IEM SHALL NOT be responsible for any direct or consequential losses”.

## SYNOPSIS

Over the years additive manufacturing or 3D printing in laymen terms has grown to become a mainstream technology of innovation. It was even highlighted as one of the enabling technology of Industrial Revolution 4.0.

3D printing is a process of making three dimensional solid objects from a digital file. The creation of a 3D printed object is achieved by laying down successive layers of material until the object is created. This is the opposite of subtractive manufacturing which is cutting out / hollowing out a piece of metal or plastic with for instance a milling machine. 3D printing enables you to produce complex shapes using less material than traditional manufacturing methods.

In this 1 day course the speaker is going to discuss and participant is going to hands-on:

1. Introduction to 3D printing
2. Why do we do 3D printing?
3. Fundamentals of 3D printing
4. Basic of 3D print design
5. Application of 3D printing
6. How to monetize your 3D printer
7. Hands on using the 3D printer

And finally just so that participants and IEM members is aware, IEM Maker Space do have a set of 3D printer for you to utilise!



## SPEAKER'S PROFILE

**Mr. Wan Mohd Faizal bin Wan Zainus** graduated from Universiti Teknologi Petronas (UTP) with Bachelor Degree of Electrical/ Electronic Engineering majoring in Computer System. He joined Petronas in 2001 as Shift Superintendent at Gas District Cooling (Putrajaya) Sdn Bhd before transferring to Upstream Business joining Petronas Carigali Sdn Bhd. He has more than 20 years' experience in Oil & Gas especially Upstream Operations. His passion in 3D printing started back in 2013 when he was thinking to upgrade his Iron Man suit for cosplay. From there, his work on 3D print grow from making stuff for cosplay to other things like cookie cutters, corporate merchandizes, event props, toys & action figures. He is the founding member of Hyproz Studio Enterprise, a company offering 3D design & 3D printing for individuals & corporates. He also has interest in tinkering & making stuff using microprocessors like Arduino, Raspberry Pi & ESP32, incorporating 3D prints as part of his creation.

## TENTATIVE PROGRAMME

8.30 am – 9.00 am	Registration & Breakfast
9.00 am – 9.30 am	Introduction 3D printing
9.30 am – 12.45 pm	Why do we do 3D printing? Fundamentals of 3D printing Basic of 3D print design
12.45 pm – 14.00 pm	Lunch
14.00 pm – 16.30 apm	Basic of 3D print design Application of 3D printing How to monetize your 3D printer Hands on using the 3D printer
16.30 pm – 17.00 pm	Q&A and End of Session