

# Technical Talks on How Drones are Transforming Engineering

(Organized by Electrical Engineering Technical Division IEM)

**Date** : 7<sup>th</sup> September 2019 (Saturday)  
**Time** : 11.00am – 1.00pm (*Refreshment will be served at 8am*)  
**Venue** : TUS Room, 2<sup>nd</sup> Floor, Wisma IEM, PJ  
**Speaker** : Mr. Khairul Ariffin bin Mohd Aris

**BEM Approved CPD/PDP**

**Hours: 2**

**Ref Number: Applying**

## SYNOPSIS

In today's digital driven world, disruptive technology often drives organisations to continuously update their business model. These changes are technology-enabled, and such tools, for example, are drones. Industries are taking full benefits from the advantages of using drones, ranging from agriculture to construction. Early adopters, have seen success results from using drone at site. Aerial photos, videos, and imagery are used to monitor projects, track construction project progress, and provide real-time status and updates. Engineering of the future is becoming more complex with IR 4.0 in mind, usage of drones can help close the gap

## SPEAKER'S BIODATA

As a bachelor's degree graduate in Computer Science from Western Michigan University in 2004, with previous experience in system security, system integration and embedded system with special interest in low-level programming and algorithms optimisation. Mr. Ariffin Aris gained working experience in computer network security before returning to Malaysia to start his own business. After 10 years in photography & video production specialising in underwater & aerial, he is ready to take the company to a greater height in offering business solutions using drones to various industries. He an experienced pilot with keen interest in aviation and unmanned system, Ariffin has flown various mission critical UAV missions. Evaluating risks and instituting mitigation plans are his forte and this contributed to our excellent safety record in UAV missions.

## FEE ANNOUNCEMENT

(Effective: 1<sup>st</sup> October 2017)

### Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
  - (a) Online RM15
  - (b) Walk-In RM20

### Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at [www.myiem.org.my](http://www.myiem.org.my)

### Personal Data Protection Act:

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at [www.myiem.org.my](http://www.myiem.org.my) and I agree to IEM's use and processing of my personal data.

### CPD Hours Validation:

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Membership No.: .....

Signature: .....