

Online Talk on “Drone Application in Industry”

Date : Saturday, 19th December 2020
Time : 9.00 a.m. – 12.45 p.m.
Venue : ZOOM Application *Details of Online Login ID will be provided after registration*
Speaker : Assoc. Prof. Dr. Zamri Omar, Universiti Tun Hussein Onn Malaysia

Synopsis

In the last decade where we have witnessed several advancements in Drone Technology, cost and weight reduction and wider access to the components have caused drones to be easily found in various industrial and business applications. Small drones are currently used for Aerial Photography, Geographic Mapping and Surveying, Building Monitoring and Inspection, Patrolling, Precision Agriculture and Deliver Small Packages. Recently, there are substantial growing interest from investors and manufacturers in the development of Big Drone that can carry much bigger Cargo Payload than a typical small consumer drone. Industrial expert released a ten-year forecast that projected global drones spending would grow from \$6.4 billion to \$11.5 billion. It is also predicted that the global air freight cost will be reduced to 50% with large autonomous drones. This course is aimed at academicians, practicing engineers and to anyone who desires to know the drone application in industry.

Time	Tentative Programme
9.00 a.m. – 9.10 a.m.	- Welcome Speech By IEM (SB) Organising Committee
9.10 a.m. – 10.30 a.m.	- Session 1: Drone Application in industry Part 1
10.30 a.m. – 10.45 a.m.	- Break
10.45 a.m. – 12.15 p.m.	- Session 2: Drone Application in industry Part 2
12.15 p.m. – 12.45 p.m.	- Case study and Discussion - Question & Answer Session
12.45 p.m.	Closing & End of Talk

About the Speaker:

Assoc. Prof. Dr. Zamri Omar, received the Bachelor Degree in Mechanical Engineering (Aeronautics) and Master Degree in Mechanical Engineering from Universiti Teknologi Malaysia in 1995 and 2003 respectively. He started his career as a Project Engineer with Lion Group and later with OSV Hazair Engineering. Few years working experience in the steel mill and offshore ventilation industry laid the foundation for him to start his career as an academician in 2000. Then he went to RMIT University Australia to further his study and graduated with PhD in Aerospace Engineering in 2010. He is currently an Associate Professor of Aeronautical and Mechanical Engineering at the Universiti Tun Hussein Onn Malaysia. His teaching, research and consultation experience span over fifteen years. Among of his research interests are in aircraft design and manufacturing, solar powered vehicle, unmanned aerial vehicle design and control. Particularly, he has a strong interest in aircraft design, build and test. In the university, he devotes much of his time on teaching and research activities related to aircraft design and manufacturing. He holds a Malaysia Private Pilot License and actively flying general aviation aircraft and microlight aircraft.

Participant Fees:

	Online
IEM Member	RM 30.00
Non-Member	RM 60.00

Closing Date: 17th December 2020

The webinar is strictly limited to **90 participants** only. Registration will be on a first-come-first-serve basis. Kindly return the reply slip to the IEM (SB) office before **17th December 2020** together with a non-refundable cheque for the participant fees made payable to **The Institution of Engineers, Malaysia (Southern Branch)**. Alternatively, you could bank-in the participant fees into the **Institution's Maybank Current Account (No. 5-013920-15708)**, and to facsimile both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance to the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)



REPLY SLIP

To: Hon. Secretary, The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 – 3363406**

Online Talk on “Drone Application in Industry”

Saturday, 19 December 2020, 9.00 a.m. – 1.00 p.m.

Via ZOOM Application

Details of Online Login ID will be provided after registration

I wish to attend the above talk. I enclosed herewith a cheque no. for the amount of RM.....as payment for the participant fee.

Name: Membership No: I/C No:

Tel (O): Tel (H/P): E-mail:

(COMPULSORY)

Company's Name:

Signature: Date:

- Note:**
- Kindly email to iemsouthern@gmail.com the Reply Slip together with the payment slip for confirmation.
 - Attendance by representative will not be issued with the Certificate of Attendance.
 - Participants are to login with FULL NAME as verification of Attendance for the whole duration of the event.

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 and I agree to IEM's use and processing of my personal data