

## VIRTUAL TALK via "WEBINAR PLATFORM" "Library a Place for Discovery of Past and Future"

Tuesday | 8 December 2020 | 3.00 p.m. – 5.00 p.m.

Organised by IEM Library Sub Committee , Jointly with Building Services Technical Division (BSTD)

### SYNOPSIS

Ming Dynasty Chinese philosopher, Wang Yang Ming said that KNOWLEDGE and ACTION are one. KNOWLEDGE on paper is useless on its own. It has only value through PRACTICE.

It has been said that the only CONSTANT in our world is CHANGE and reflected in our industries IR4.0 (Industry 4.0) and socio economic landscape. Even under constant changes the fundamental of engineering principles and concepts remain intact which is the PREREQUISITE to move forward. In this respect the ability to gain new knowledge and learning different methodologies through continuous learning via one of the 4 communicative skills namely :

Reading | Writing | Speaking | Listening

Traditionally Engineers acquired knowledge from reading but this probably been replaced by COPY and PASTE concept thanks to easily available feature in our computer.

IEM Library in Petaling Jaya is the centre of knowledge and in keeping with the changing trend IEM introduced the Virtual Library in year 2014 and since then we had purchased up more than 400 electronic books (Ebook) accessible by members anywhere in the world via the Internet which is the way forward for the future.

IEM Library has kept all the traditional books and standards which probably deemed obsolete however members can discover by reading the past engineering practices and its evolution both in design concept and methodologies.

A brief presentation of the knowledge which can be obtained from 3 Ebooks :

1. Design of Rainwater Harvest Systems, explanation of the term "Peak Oil" term used in the Oil & Gas Industry relates to "Peak Water" for the Water Cycle impact to the hydrologic system
2. Building Services Handbook, extract the various plumbing systems that could be installed in high rise building
3. The Design and Layout of Fire Sprinkler Systems, extract the explanation on the 3 types of design namely Tree, Loop and Grid

### SPEAKER BIODATA

**Ir. Gary Lim Eng Hwa**  
BE(Mech.) NZ, Mgt Dip. FIEM, P.Eng, Asean Eng.,  
AT31000 (Approved ISO31000 Risk Management Lead Trainer)



Gary is a member of the Building Services Technical Division and member of the Fire Advisory Board of the Institution of Engineers, Malaysia. He has a degree in Mechanical Engineering from the University of Canterbury, New Zealand and a Management Diploma from New Zealand. He is a Professional Engineer registered with the Board of Engineers, Malaysia and a Fellow of the Institution of Engineers, Malaysia (IEM). In 2016 he obtained Approved ISO31000 Risk Management Lead Trainer Certificate from G31000 Institution.

Currently, he conducts courses regularly on the concepts and design in the area of Fire Engineering and Plumbing Engineering at all the IEM branches in Malaysia. He also conducts courses with Malaysia Institute of Insurance on these topics: The Art of Property Underwriting Profitability and Essence of Survey Report; Applying Fire Engineering Knowledge in Property Survey and Loss Control; Enterprise Risk Management & Business Continuity Management.

#### Registration Fees (effective 1<sup>st</sup> August 2020)

IEM Members : RM 15.00 | IEM Non Members : RM 70.00  
BEM Approved CPD/ PDP HOURS : 2.0 | Ref. No : IEM20/HQ/247/T(w)