

THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON CRITICAL THINKING FOR ENGINEERS

(Organised by Oil, Gas & Mining Technical Division, IEM)

BEM Approved CPD/PDP : 2 Hours

Ref No: IEM16/HQ/434/T

Date : 12th October 2016 (Wednesday)

Time : 5.30pm to 7.30pm (Refreshments will be served at 5.00pm)

Venue : TUS and C&S Lecture Rooms, 2nd Floor, Wisma IEM, Petaling Jaya

Speaker : Ir. Al-Khairi Mohd Daud and Ir. Danaraj Chandrasegaran

SYNOPSIS

Engineers always faced with a challenge to make a tough decision throughout his career. In real life, decisions are not made based on one factor only but multiple factors need to be evaluated for a decision to be made objectively and wisely. Thus engineer needs to master the art of critical thinking.

Critical thinking is the identification and evaluation of evidence to guide decision making. A critical thinker uses broad in-depth analysis of evidence to make decisions and communicate his/her beliefs clearly and accurately. This' something that need to be practiced when we encounter engineering problems, business decisions so that we can work towards a solution.

This is a preview on our upcoming course on Critical Thinking. During the course, we will practice some of the important skills of critical thinking, and apply those to understand current problems, belief systems and ethical positions. You will learn to appraise information and influences, discuss topics intelligently and construct well-reasoned arguments.

BIODATA OF SPEAKER

Ir. Al-Khairi Mohd Daud has over 23 years of experienced in Oil and Gas, petrochemical, oleo chemical, manufacturing and facilities management. He is the country expert for ASEAN Energy Management Accreditation Scheme and an expert in healthcare facilities management. He has assisted in drafting few Malaysian Standards including the Malaysian Standard for Quality in Healthcare. He has presented papers in national and international conference especially on maintenance and asset management. He is the owner of Faqeh Management who specialized in asset and energy management.

Ir. Danaraj Chandrasegaran graduated from University Teknologi Malaysia in 2001 with Bachelor of Mechanical Engineering (Hons). Subsequently, pursued his Master Degree in University of Malaya. He has published in international journals and conferences in the past. His career has a diverse outlook on project execution ranging from building construction, marine, mining and energy industry; as a mechanical engineer.

Ir. Mohd Azwira Mohd Azmi

Chairman

Oil, Gas & Mining Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- **IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is inclusive.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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CPD/PDP HOURS CONFIRMATION

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Membership No:

Signature: