

**REGISTRATION FORM: TWO-DAY COURSE ON “CRITICAL THINKING FOR ENGINEERS”  
17 – 18 AUGUST 2016**



Name of Organisation: .....

Mailing Address: .....

Email : ..... Hand Phone : .....  
Tel (Office) : ..... Fax : .....  
Contact Person : ..... Designation : .....

I/We wish to enrol the following person(s) for the above-mentioned Course:

Name	M/ship No.	Reg. Fee (RM)
<b>SUB TOTAL</b>		
<b>ADD GST @ 6%</b>		
<b>TOTAL PAYABLE</b>		

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/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.

Signature: ..... Date: .....

**Registration Fee (GST not included)**

GRADE	ONLINE	NORMAL (OFFLINE)
IEM STUDENT MEMBER	RM 150	RM 200
IEM GRADUATE MEMBER	RM 600	RM 650
IEM CORPORATE MEMBER	RM 700	RM 750
NON-IEM MEMBER	RM 1400	RM 1500

**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.

**Terms & Conditions:**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master].
  - Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK - IN will be considered as NORMAL REGISTRATION
  - FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
  - Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
  - The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.
  - IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.
- CLOSING DATE: 14 AUGUST 2016**

**Correspondence**

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**BEM Approved CPD/PDP: 10.5 hours  
Ref. No.: IEM16/HQ/209/C**

**TWO-DAY COURSE ON “CRITICAL THINKING FOR ENGINEERS”**

**DATE : 17 – 18 AUGUST 2016 (WEDNESDAY & THURSDAY)**  
**TIME : 8:30 AM – 5.00 PM**  
**VENUE : TAN SRI PROF. CHIN FUNG KEE AUDITORIUM, 3<sup>RD</sup> FLOOR, WISMA IEM, PETALING JAYA, SELANGOR**  
**SPEAKER : Ir. AL-KHAIRI MOHD DAUD & Ir. DANARAJ CHANDRASEGARAN**

Organised and hosted by  
**Oil, Gas and Mining Technical Division**  
**The Institution of Engineers, Malaysia**

**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.

During this course, we will be introduced to what is critical thinking. 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. This course will focus on group discussion and written analysis.

**Learning Outcomes**

- Explore real-world examples of why critical thinking is so important in business
- Learn to use critical thinking skills when making business decisions
- Know how to translate an abstract idea into something tangible
- Minimize the impact of job pressures on your thinking processes
- React with curiosity instead of emotion
- Get a roadmap for developing your critical thinking skills

**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.

**Tentative Programme**

TIME/DAY	Day 1 – 17 AUGUST 2016 (WEDNESDAY)	Day 2 – 18 AUGUST 2016 (THURSDAY)
08:30 – 09:00	<b>Registration</b>	<b>Registration</b>
09:00 – 09:30	Ice breaking session	Practising Critical Thinking
09:30 – 10:30	Understanding Critical Thinking	
10:30 – 10:45	<b>Tea Break</b>	<b>Tea Break</b>
10:45 – 11:30	Understanding Critical Thinking.. continues	Practising Critical Thinking.. continues
11:30 – 13:00	Workgroup 1	Workgroup 2
13:00 – 14:15	<b>Lunch</b>	<b>Lunch</b>
14:15 – 15:45	Critical Thinking Process	Workgroup 2
15:45 – 16:00	<b>Tea Break</b>	<b>Tea Break</b>
16:00 – 16:45	Feedback/ Q&A	Summary