

Talk on

1. Common Sense and Philosophy in Engineering Practices 2. The Migratory Path of Engineers to be CEO

Organised by: Marine Engineering & Naval Architecture Technical Division, IEM
BEM Approved CPD/PDP Hours: 2 Ref. no : IEM19/HQ/503/T

Date : 19th October 2019 (Saturday)
Time : 11.00am – 1.00pm (Refreshments will be served at 10.30am)
Venue : C&S and TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Dr. Maulud Abdul Latif

SYNOPSIS

With the advent of Industrial Revolution 4.0 compounded with the Globalised and Borderless World phenomenon the role of Professional Engineers has become more challenging.

“To face up to the challenges of the globalised world, future CEOs must have a thorough understanding of “Engineering Finance” to get the most ‘Cost-Efficient’ project design and thus obtain the ‘optimum’ possible yield for the project” DR Ir Maulud – Engineering Doctorate Thesis, Universiti Teknologi Malaysia/Warwick (2005)

“Businesses of the future will require new strategies, innovation and creativity to ensure their competitiveness. ‘Engineering Finance’ gives a new and innovative way of developing a viable business model by integrating engineering with finance and other parameters to meet a viable business or project objectives in a very simplified approach....” Prof DR Hamdani Saidi, Campus Director, International Campus, Universiti Teknologi Malaysia (2012)

1. Common Sense and Philosophy in Engineering Practices

This short talk will illustrate some of the common mistakes made in Engineering Practices from both the Technical and Financial aspects that could result in disaster and eventually (financial) bankruptcy. It will also delve into some relevant philosophical advice to improve (project management) efficiency and thus, enhancing profitability and ensuring the long-term sustainability.

To be included also: The Engineering Finance Projects Implementation Flow Chart and the Feasibility Studies Flow Chart.

2. The Migratory Path of Engineers to be a CEO

Businesses of the future will be very challenging to the engineers and the engineering fraternity. Engineers need to be multi-skilled to adapt to highly sophisticated (new) technologies and evolved into Global Professional Technopreneurs. They must be “Technopreneurs” to ensure that the projects are financially viable. However, the traditional migratory route for Engineers to be CEOs is seemingly irrelevant in today’s world. What will be the best solution/route?

SPEAKER BIODATA



Ir. Dr. Maulud Abdul Latif obtained his Engineering Doctorate (EngD) in Engineering Finance from UTM/University of Warwick (UK). He also holds an MBA Finance from the University of Queensland Business School (Aust), a B. Sc. (Hons) in Mining Engineering from the University of Wales (UK) and a Diploma in Mechanical Eng. from Universiti Teknologi Malaysia. In addition, he holds the Dredgemaster Certificate of Competency and is a member of the Board of Engineers, Malaysia, The Institution of Engineers, Malaysia and the Institute of Mineral Engineers. He started his career in Malaysia Mining Corporation in 1977 and have extensive experiences in project feasibility studies (technical, marketing and finance) and mine management. Between 1984 and 1992, he worked with various reputable organizations including Permodalan Nasional Berhad and the Ministry of Finance (as Corporate Adviser to the Minister of Finance Incorporated). He has acquired vast corporate experience not only in project financing but also in corporate restructuring and turnaround. He was also involved in several privatization (PFI) projects. Since 1992, he was actively involved in project feasibility studies in various sectors such as power generations, renewable energy, coal mining and property development projects in Indonesia, India, Australia and Malaysia. In total, he has 38 yrs of experience in the industry and 4 yrs in the academia. Ir. Dr. Maulud was also the Business Development and Engineering Finance Advisor to the Selangor Menteri Besar Incorporated on the Klang River Rehabilitation project and the Selangor Water Supply Restructuring Project. He now conducts seminars and workshops on “HOW TO CONDUCT FEASIBILITY STUDIES” using the Engineering Finance methodology to Enhance ROI and ensure its long-term sustainability.

Ir. Roznan bin Abdul Rashid
Chairman,
Marine Engineering & Naval Architecture Technical Division

FEE ANNOUNCEMENT (Effective: 1st 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

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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.

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For intending participants who choose to ‘walk in without prior registration’,

IEM SHALL NOT be responsible for any direct or consequential losses”.