

# PHYSICAL EVENT ONE-DAY COURSE ON PROJECT RISK MANAGEMENT



**Ir. Faizal A. Sanusi**

CPD Hours: 7

Ref. No.: IEM24/HQ/097/C

Organised by:  
Project Management Technical Division

~~13 JULY 2024, SATURDAY~~



RESCHEDULED TO

**10 AUG 2024, SATURDAY**

**9:00 AM - 5:30 PM**



**CSETD & TUSTD LECTURE ROOM  
WISMA IEM, PETALING JAYA**

**CLOSING DATE: 8 AUG 2024**

## Registration Fees

	<b>ONLINE</b> (Log-in for registration & payment: <a href="http://www.myiem.org.my/member/login.aspx">www.myiem.org.my/member/login.aspx</a> )	<b>NORMAL FEE</b> (by fax & email) Payment by cash, credit card and bank-in
<b>IEM Student Member</b>	<b>150.00</b>	<b>180.00</b>
<b>IEM Graduate Member</b>	<b>250.00</b>	<b>300.00</b>
<b>IEM Corporate Member</b>	<b>400.00</b>	<b>450.00</b>
<b>Non IEM Member</b>	<b>800.00</b>	<b>900.00</b>

Follow Us



myiem\_official



Myiem HQ Official - General



[www.myiem.org.my](http://www.myiem.org.my)



**SUBSCRIBE**

MyIEM Official



# SYNOPSIS

Real world situations exist in an imperfect realm where our actions are based on a mixture of theory, practical knowledge, empirical data and even gut feeling. Hence, the notion of determining an absolute outcome is in itself an uncertainty. In managing projects there are many events which have uncertainties that affect the project in terms of its cost, schedule and quality of the works. These events having a range of unfavourable outcomes are called risks which increases the complexity of projects. The greater the magnitude of the project, the greater the complexity as the number of activities for large projects will contain inherent uncertainties having compounding effect on the project outcome in terms of cost and schedule.

The challenge for the Project Manager or Project Management Team (PMT) is to identify, assess and prioritise the project risks and to subsequently monitor and close out the preventive and mitigating measures.

The objective of this one day course is to provide an overview to the participants on the methodology of how to manage risks in a project with the ultimate aim of improving project success.

The course will review the following concept and tools in managing risk in project management:

CONCEPT	TOOLS
Risk Management Plan	Risk Register
Organization Roles in Risk Management	Tornado Charts
Risk Identification	Monte Carlo Simulations
Risk Analysis (Qualitative & Quantitative)	Action Tracker
Lessons Learnt	

## BIODATA SPEAKER

**Ir. Faizal A. Sanusi** has served the Project Management Technical Division in IEM since 2005, including as its Chairman in 2012. He has a BSc in Civil Engineering from the George Washington University, USA in 1988 and an MBA from Open University, Malaysia in 2005.

His engineering and project management experience spans across the oil & gas and building industry since he began his career 30 years ago. In his career, he has performed various roles ranging from design engineer, resident engineer, project engineer and project manager for a myriad of engineering projects – civil Infrastructure works, commercial buildings including an intelligent office institutional building, gas processing plants, offshore gas pipeline installations and offshore gas producing platforms. He also challenged himself as an entrepreneur in the business of facilities management for oil and gas on-shore installations and has provided training in various project management topics to the Royal Malaysian Navy and private commercial property developers.

He recently came out of retirement to work in Bank Pembangunan Malaysia Bhd. to head a department responsible for evaluating technical and project execution viability of projects.

Some of his notable career highlights as follows:

- Project Advisor and Project Services Manager for Oil & Gas Exploration & Production MNCs
- Project Services Division Head for a local Offshore Oil & Gas Service Provider
- Project Manager for the Malaysian Securities Commission 4 star intelligent building project
- Director of a local Facilities Management company overseeing Oil & Gas O&M projects

In his spare time he writes computer micro-applications to facilitate his work in project management using Python and VBA.



# TENTATIVE PROGRAMME

Time	Programme
8.30am -9.00am	<b>REGISTRATION WELCOMING REFRESHMENT</b>
9.00am -9.30am	<b>INTRODUCTION</b> <ul style="list-style-type: none"> <li>• Definition</li> <li>• How Was Risk Treated Conventionally</li> <li>• What Happens if Risks Are not Considered in Projects</li> <li>• Risk in Various Phases of The Project</li> <li>• Benefit of Risk Management</li> </ul>
9.30am -10.45am	<b>RISK PLANNING – THE RISK MANAGEMENT PLAN (RMP)</b> <ul style="list-style-type: none"> <li>• The Purpose of the RMP (specific to organisation)</li> <li>• Corporate Risk Portfolio Management</li> <li>• Organization Roles</li> </ul>
10.45am - 11.00am	<b>MORNING TEA BREAK</b>
11.00am -1.00pm	<ul style="list-style-type: none"> <li>• Tools Used in The Risk Management Plan</li> <li>• Frequency of Risk Assessment</li> </ul> <b>RISK MANAGEMENT PROCESS</b> <ul style="list-style-type: none"> <li>• Creating the Risk Matrix</li> <li>• Defining Categories of Risks</li> <li>• Defining Risks Likelihood by Categories</li> <li>• Defining Risks Impact by Categories</li> </ul>
1.00pm -2.00pm	<b>LUNCH</b>
2.00pm -3.30pm	<b>RISK IDENTIFICATION</b> <ul style="list-style-type: none"> <li>• Sources of Input (PMT, Lessons Learnt Database, Industry Data)</li> <li>• Regular Meetings. Ad Hoc Input</li> <li>• Need to Regulate and Moderate (Who and How)</li> <li>• Risk Register</li> </ul>
3.30pm - 3.45pm	<b>AFTERNOON TEA BREAK</b>
3.45pm -5.30pm	<ul style="list-style-type: none"> <li>• Qualitative and Quantitative Risk Assessment (Tornado Charts &amp; Monte Carlo Simulation)</li> <li>• Risk &amp; Mitigation Prioritization</li> <li>• Decision Gate – Proceed As Is / Mitigate / Terminate</li> <li>• Mitigation Measures – Monitoring &amp; Control</li> </ul>

**\* IEM reserves the right to postpone, reschedule, allocate or cancel the course**

## Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

## 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.

**“IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion”.**

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

**IEM SHALL NOT be responsible for any direct or consequential losses**

Chairman,  
Project Management Technical Division  
The Institution of Engineers Malaysia,  
Lots 60 & 62, Jalan 52/4,  
46720 Petaling Jaya, Selangor Darul Ehsan

Tel: 03-78900134

Email: ezzaty@iem.org.my / syafiq@iem.org.my

Website: [www.myiem.org.my](http://www.myiem.org.my)

**REGISTRATION FORM**

**ONE-DAY COURSE ON PROJECT RISK MANAGEMENT  
13 JULY 2024 (SATURDAY)**

**Closing Date: 8 Aug 2024**

No	Name(s)	Membership No.	Grade	Fee (RM)
SUB TOTAL				
+ 8% SST				
TOTAL PAYABLE				

**PAYMENT DETAILS :**

**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 participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

Telephone No. : \_\_\_\_\_(O) \_\_\_\_\_(Fax No.)

\_\_\_\_\_ (H) \_\_\_\_\_(HP)

Email : \_\_\_\_\_

\_\_\_\_\_ Date