

## REGISTRATION FORM

### ONE-DAY COURSE ON “THE DESIGN OF OIL & GAS FIXED OFFSHORE STRUCTURE” 12 AUGUST 2017

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 6% GST</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 (subject to 6% GST)

GRADE	ONLINE	NORMAL (OFFLINE)
IEM STUDENT MEMBER	RM 150.00	RM 180.00
IEM GRADUATE MEMBER	RM 550.00	RM 600.00
IEM CORPORATE MEMBER	RM 550.00	RM 600.00
NON-IEM MEMBER	RM 900.00	RM 950.00

#### 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: 9 AUGUST 2017**

#### Correspondence

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**BEM Approved CPD/PDP: 6 hours**  
**Ref. No.: IEM17/HQ/244/C**



## ONE-DAY COURSE ON “THE DESIGN OF OIL & GAS FIXED OFFSHORE STRUCTURE”

**DATE : 12 AUGUST 2017 (SATURDAY)**  
**TIME : 9.00 AM – 5.00 PM**  
**VENUE : TUS and C&S LECTURE ROOM, 2<sup>ND</sup> FLOOR, WISMA IEM, PETALING JAYA**  
**SPEAKER : Assoc. Professor Dr Venkatesh Rajagopalan**

Organised and hosted by  
Oil, Gas and Mining Technical Division

#### Synopsis

The first offshore structure was built to extract oil in the 1930s. Since then, there are now more than 1000 offshore structures worldwide, extracting oil & gas under the ground to meet the world demands. This one-day course will provide the audience with the basic principles in designing these fixed offshore structures. It will be presented in a way that is comprehensible to the engineers who are with or without the oil and gas background.

The course will try to address some of the engineering issues that have to be considered when designing an offshore structure. Some of these issues are listed below:

- The environmental loads (such as wave and wind) and accidental loads (such as blast and fire) that the structure has to face throughout its design life.
- How the structure will be fabricated, transported and then installed at its offshore location.
- Technical requirements from the contemporary design codes and third-party certifications.
- The types of analysis that need to be carried out to ensure the structure can meet the above challenges.

#### Biodata



**Assoc. Professor Dr Venkatesh Rajagopalan (Venkat)** graduated from Annamalai University, India with a degree in Structural Engineering in 1989. He then obtained a post graduate degree in Engineering Management and Post-Doctoral in Structural Engineering from Nanyang Technological University, Singapore. He has more than 26 years of working experience in various roles. He is currently a Senior Principal Structural Engineer at McDermott Malaysia. He has presented talks at various symposiums in India, Singapore and Australia on Design on Offshore structural related topics.

#### Tentative Programme

08:30 – 09:00	<i>Registration</i>	11:45 – 12.30	Structural design and analysis
09:00 – 09:30	Introduction	<b>12:30 – 13:30</b>	<b>Lunch</b>
09:30 – 10:00	Overview of the offshore oil & gas industry	13:30 – 14:15	Loading – Static and hydrodynamic
10:00 – 10:30	Types of offshore structures	14:15 – 15.30	Platform fabrication and installation
<b>10:30 – 10:45</b>	<b>Tea Break</b>	<b>15:30 – 15:45</b>	<b>Tea Break</b>
10:45 – 11:15	Design codes and standards	15:45 – 16.30	Third party certifications