



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON

“STRUCTURAL DESIGN OF THE HULL OF A FLOATING, PRODUCTION, STORAGE AND OFFLOADING (FPSO) VESSEL”

(Organised by Marine Engineering and Naval Architecture Technical Division, IEM)

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM15/HQ/085/T

Date : 18th March 2015 (Wednesday)
Time : 5.30 pm to 7.30 pm (Refreshments will be served at 5.00 pm)
Venue : TUS and C&S Lecture Rooms, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Assoc. Professor. Dr. Venkatesh Rajagopalan

SYNOPSIS

Ship-shaped offshore units are some of the more economical systems for the development of offshore oil and gas fields and are often preferred in marginal fields. These systems are especially attractive when developing oil and gas fields in deep and ultra-deep-water areas and locations remote from existing pipeline infrastructures. Recently, the ship shaped offshore units have also been considered for application to near-shore oil and gas terminals.

Alternatively, floating production, storage and offloading vessels (FPSOs) are becoming increasingly popular for extracting oil and gas from offshore areas. Although most FPSOs are designed to weathervane into the prevailing wind, they are susceptible to roll motions.

This talk is an ideal reference on the technologies for designing, building, and operating ship-shaped offshore units, within inevitable space (and time) requirements. This includes a range of topics, from the initial contracting strategy to the decommissioning and the removal of the units concerned. Coverage includes both fundamental theory and principles of the individual technologies. This topic will also be useful to students who are approaching the subject for the first time as well as designers working on the engineering for ship-shaped offshore installations.

BIODATA OF SPEAKER



Assoc. Professor. Dr. Venkatesh Rajagopalan (Venkat) graduated from Annamalai University, India with a degree in Structural Engineering in 1989 with 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 appointed as Visiting faculty for various institutions in India, Malaysia and Australia.

He is currently the Deputy Manager of the Structural Department in Aker Engineering Malaysia Sdn. Bhd. He is also the Technical Head of R&D Network specializing in Knowledge based engineering solutions in Aker Solutions, Norway.

He has presented talks at various symposiums in India, Singapore and Australia on Design on Offshore structural related topics.

Capt. Ir. Hj. Rani Mohd Raji (Rtd)

Chairman

Marine Engineering and Naval Architecture 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 be charged a registration fee of **RM50** and an administrative fee of **RM15**.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce your 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.

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM15** as administrative fee for talks organized by IEM.
- The fee would be used to cover overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM.
- Students are however exempted.

Your understanding is greatly appreciated.

CPD/PDP HOURS CONFIRMATION

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