

**REGISTRATION FORM**

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I wish to participate in the visit on **18 & 19 November 2011 (Friday & Saturday)**

To be completed by Members outside Johor Baru

1	Name	M' ship No.
	I/C No.	Mobile No.
	Fee	
2	Name	M' ship No.
	I/C No.	Mobile No.
	Fee	

To be completed by Members around Johor Baru

1.	Name	M' ship No.
	I/C No.	Mobile No.
	Fee	Do you require accommodation?
2.	Name	M' ship No.
	I/C No.	Mobile No.
	Fee	Do you require accommodation?

I enclose herewith cash/cheque no..... for an amount of RM..... being the registration fee for the visit.

Name:.....

Company Name: .....

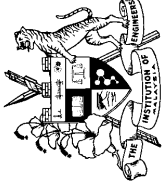
Company Address:.....

Tel No:..... Fax No:.....

Email Address:.....

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

Signature :.....



**REVISED**

**THE INSTITUTION OF ENGINEERS, MALAYSIA**  
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**TECHNICAL VISIT**  
**to KEPPEL FELS (OFFSHORE) & KEPPEL SINGMARINE**  
**(SHIPBUILDING) AND MARINE LABORATORY**  
**UNIVERSITI TEKNOLOGI MALAYSIA, JOHOR**  
**(2 Days 1 Night)**

**Organised by Marine Engineering & Naval Architecture**  
**Technical Division**

**BEM Approved**  
**CPD/PDP HOURS: 8 HRS**  
**REF: IEM11/HQ/IEM11/HQ/351/V**

<b>Date</b>	18 & 19 November 2011 (Friday & Saturday)
<b>Transport</b>	i) Participants are to assemble at Senai Airport at 0830. ii) Local coach provided ; Senai Airport – Keppel – UTM Scholar Inn - Senai Airport
<b>Closing Date</b>	16 November 2011

**HURRY!!!! Seats are limited to only 28 pax**  
**on a first-come-first-pay basis.**

## PURPOSE OF VISIT

### **Keppel Shipyard**

Keppel Shipyard located in Singapore is the industry's leading ship repairer with expertise to undertake the entire spectrum of repair and modification work for a variety of vessels. Keppel offers innovative and cost-effective solutions to their customers upholding a strong track record in the repair of tankers, container ships, dry cargo vessels, gas carriers and offshore support vessels. In Asia Keppel is one of the most established repair yards for Liquefied Natural Gas (LNG) vessels backed by a proven track record, technological capabilities, dedicated facilities and comprehensive infrastructure.

Keppel is also leading in the conversion of Floating Production and Offloading (FPSO) units, Floating Storage and Offloading (FSO) vessels and Floating Storage and Regasification Units (FSRU). Keppel offers both sectors of ship repair/building and Offshore Engineering that would be of interest to multi discipline engineers anytime.

### **University Teknologi Malaysia (Mechanical Engineering Faculty)**

The Marine Laboratory located at the Mechanical Engineering Faculty of Universiti Teknologi Malaysia (UTM), Johor Bahru had began its operations since 1997. The laboratory is equipped with a 120m (long) X 4m (breadth) X 2.5m (water depth) towing tank. In South East Asia, it can be regarded as the most well equipped Marine Technology Laboratory located within the university campus. For drag analysis, the Towing Tank carriage can tow ship models at a maximum speed of 5m/s. The wave generator can generate regular and irregular waves for studies involving the behavior of vessels in the sea environment.

The towing tank is now used not only for academic purposes but also for research and consultancy work. The laboratory provides excellent support to the Naval Architecture Bachelor program as well as for the research work at the Masters and PhD levels.

The facility available at the Marine Laboratory now serves the marine industry in carrying out various tests including resistance, propulsion, seakeeping and manoeuvring. The tests which were previously carried out mainly for ships models are now extended to cover the ocean engineering fields such as the behavior of semi-submersibles, TLP, moorings and risers. With such capabilities, the Laboratory has also gained international accreditation from the International Towing Tank Conference (ITTC).

## REGISTRATION

Registration will be on **first-come-first-pay basis**. Members who are interested to join the visit are requested to return the reply slip to IEM Secretariat by **16 November 2011** together with the registration fee.

Payment must be made to the IEM HQ and cheque is to be issued in favour of **"The Institution of Engineers, Malaysia"**. The registration fee rates are follows:

Membership	Fee
IEM Member	RM 350
IEM Member from JB	RM 300. Please fax your registration form.
Non-Member	RM 450
Non Member from JB	RM 400. Please fax your registration form.

Registration fee includes:

1. One (1) night stay at UTM Scholar Inn with single occupancy only.
2. All meals are included (lunch on day 1 and breakfast & lunch on day 2)

## ITINERARY

### **Day 1 (18 November 2011)**

0830	Assemble at Senai Airport. Coach departure to Singapore
0930	Arrive at Keppel Shipyard
1000 - 1100	Presentation by Keppel

1100 - 1300 Site tour at Keppel Singmarine (Part 1)

1300 - 1400 Lunch break (within Keppel premise)

1400 - 1630 Site tour at Keppel FEELS (Part 2)

1630 Depart for UTM Johor

1730 Arrival at Scholar Inn, Kolej Perdana UTM for check-in

2030 - 2230 Dinner hosted by YBhg Dato' Vice Chancellor UTM

### **Day 2 (19 November 2011)**

0830 Check-out and proceed to Marine Lab followed by breakfast

0900 - 1000 Presentation by UTM – Marine Lab Mechanical Engineering Faculty

1000 - 1200 Visit the Marine Lab (Towing Tank)

1230 - 1330 Lunch break

1330 Depart to Senai Airport

End of Visit

## Note that :

- a) **Members are advised to arrange for your own transport to assemble at Senai Airport.**
- b) **Members are advised to check the validity period of their own passports.**