

Chairman,  
Highway & Transportation Engineering Technical Division,  
The Institution of Engineers Malaysia,  
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### **REGISTRATION FORM**

## **1 DAY COURSE ON TRAFFIC IMPACT ASSESSMENT**

**Date : 7<sup>th</sup> October 2015**

**Venue : Tan Sri Chin Fung Kee Auditorium, 3<sup>rd</sup> Floor, Wisma IEM**

**Closing Date : 2<sup>nd</sup> October 2015**

No	Name(s)	M'ship No.	Grade	Fee (RM)*
SUB TOTAL				
ADD GST @6%				
Total Payable				

**\*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.**

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 accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

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

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

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

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

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

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

\_\_\_\_\_  
Signature & Stamp

\_\_\_\_\_  
Date

**Photocopies are acceptable**



*The Institution of Engineers, Malaysia*

## **1 DAY COURSE ON TRAFFIC IMPACT ASSESSMENT** **By Ir. Chin Kar Keong, Ir. Ong Sheng How & En. Muhammad Kamal**

**Organised By:**

**Highway & Transportation Engineering Technical Division, IEM**

**Date : 7<sup>th</sup> October 2015**  
**Venue : Tan Sri Chin Fung Kee Auditorium**  
**3<sup>rd</sup> Floor, Wisma IEM**  
**Time : 9.00 a.m. - 5.30 p.m.**

**BEM Approved CPD/PDP Hours : 6.5**  
**IEM15/HQ/303/C**

### **REGISTRATION FEE (GST NOT INCLUDED)**

#### **Registration Fee**

#### **Normal Fee**

#### **On-line Fee**

<b>IEM Student Member</b>	<b>:</b>	<b>180.00</b>	<b>150.00</b>
<b>IEM Graduate Member</b>	<b>:</b>	<b>300.00</b>	<b>250.00</b>
<b>IEM Corporate Member</b>	<b>:</b>	<b>450.00</b>	<b>400.00</b>
<b>Non IEM Member</b>	<b>:</b>	<b>600.00</b>	<b>550.00</b>

#### **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.

## SYNOPSIS

Traffic Impact Assessment (TIA) is a systematic and scientific process to study and analyze the potential impact of the traffic generated by a new development on the surrounding road network system. TIAs are used to identify potential issues, such as congestion, safety, and accessibility that may arise from the new development, as well as to determine the necessary treatments and mitigation measures to ameliorate such impact. As a developing country, the development of new areas is unavoidable. The development of new township, buildings and infrastructures will inevitably generate additional traffic which will eventually increase the volume of traffic on the road network and may adversely affect the performance of the existing roads and junctions.

The TIA investigates and identifies any adverse impact of the new development to the existing traffic and transportation facilities. Mitigation measures will be evaluated and feasible measures will be recommended to ensure that any residual impact will be insignificant upon their implementations. Traffic engineering and management measures will be proposed in order to minimize and to alleviate the anticipated adverse impact to the neighboring area.

The general study approach follows the requirements of TIA as specified under the Road Engineering Association of Malaysia (REAM) Guidelines for Traffic Impact Assessment.

### PROGRAMME

09:00-10:30am	<ul style="list-style-type: none"><li>• Overview of a TIA, Methodology of a TIA</li><li>• Data Collection, Traffic Surveys</li></ul>
10:30-10:45am	Tea Break
10.45-12:30pm	<ul style="list-style-type: none"><li>• Trip Generation, Trip Distribution, Trip Assignment</li><li>• Traffic Forecasting, Traffic Analysis</li></ul>
12:30 – 1:30pm	Lunch
1:30 – 3.30pm	<ul style="list-style-type: none"><li>• Mitigation Measures &amp; Recommendations</li><li>• Practical Session</li></ul>
3:30 -3.45pm	Tea Break
3:45 – 5.30pm	<ul style="list-style-type: none"><li>• Pedestrian</li><li>• Public Transport</li></ul>

### 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.

## BIODATA OF SPEAKERS

**Ir. Chin Kar Keong** is presently the Advisor for Highway & Transport Engineering Technical Division IEM and a Council Member of the Intelligent Transport System Association of Malaysia. He is Managing Director of Atur Trafik Sdn Bhd and has 30 years of experience in areas of traffic and transportation modeling, analysis and transport master planning. He has worked on toll highway projects in Malaysia, Indonesia, India and Myanmar, conducted traffic and revenue studies for the ERL and KL Monorail Projects, provided inputs to national and regional planning studies such as National Highway Network Development Plan Review, National Physical Plan Review, KL City Plan 2020, etc and had submitted more than 200 TIA reports throughout Malaysia. Ir Chin obtained his Bachelor of Engineering (1982) and Master of Engineering (1984) degrees in Civil Engineering from Kyoto University, Japan. He had also attended post-graduate courses in Regional and Infrastructure Planning at the Royal Institute of Technology in Stockholm, Sweden from 1992-1994.



**Ir. Ong Sheng How** graduated with a Bachelor of Engineering (Civil Engineering) degree from RMIT University, Melbourne in 2000. He has been in the engineering profession for 15 years, including in the construction and in civil engineering design, and with 10 years of experience in traffic engineering and transportation planning. He has involved in numerous Traffic Impact Assessment (TIA) studies and various Transport Master Plan studies in Malaysia. He is currently attached to Atur Trafik Sdn. Bhd. and serves in the Highway and Transportation Engineering Technical Division (HTETD) of the Institution of Engineers, Malaysia (IEM).



**Engr. Muhammad Kamal Bin Hassan** graduated with a Bachelor of Engineering (Hons) Civil degree from University Teknologi MARA (UiTM), Shah Alam in 2009. He has been in the engineering research and education profession for 4 years in the field of highway and transportation engineering and 2 years of experience in traffic engineering and transportation planning. He is currently involved in providing traffic planning for clients in Melaka and Johor. He was also involved in a several research projects including in bus stop capacity and design, and recycled material as substitute for pavement aggregate. He is attached to Synmore Bridge Consult and serves in the Highway and Transportation Engineering Technical Division (HTETD) of the Institution of Engineers, Malaysia (IEM).

### Cancellation Policy

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund 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.

