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REGISTRATION FORM

2-DAY COURSE ON “INTRODUCTION TO RAILWAY SYSTEMS AND PERMANENT WAY ENGINEERING”

Date : 6th & 7th October

Venue : CS & TUS Lecture , 2nd Floor, Wisma IEM, Petaling Jaya

Closing Date : 03rd October 2016

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

2-Day Course on “Introduction to Railway Systems and Permanent Way Engineering”

Organised By:

Highway & Transportation Engineering Technical Division, IEM

Date : 6th Oct & 7th October 2016
Venue : CS & TUS Lecture , 2nd Floor, Wisma IEM, Petaling Jaya
Time : 9.00 - 5.00 p.m.
 BEM Approved CPD/PDP Hours : 11 Ref No: IEM16/HQ/421/C

REGISTRATION FEE (Subject to 6% GST)

	<u>Registration Fee</u>	<u>Normal Fee</u>	<u>On-line Fee</u>
IEM Student Member	: RM 250	RM 200	
IEM Graduate Member	: RM 650	RM 600	
IEM Corporate Member	: RM 750	RM 700	
Non IEM Member	: RM 1500	RM 1400	

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

This 2-day course consist presentations in the following manners:

- i. The first part of the course which is an Introduction to Railway Systems is aimed to provide basic understanding and technical insights to practising Engineers on Railway Technology and Operational Concept. The course covers a description of the various components of a railway system, the types of railway systems in operation in the world, safety considerations and the complexity in the management of a railway system. The talk shall also briefly cover the legal requirements with regard to Malaysia Public Land Transport Act 2010 on implementation of railway projects and railway operation.
- ii. The second part of the course which is an Introduction to Permanent Way Engineering shall covers the fundamental of permanent way engineering, namely its components and engineering functions of the various components and basic engineering aspects to be considered in the design, construction and maintenance of the permanent way.

Biodata of Speakers

Speaker 1 : Introduction to Railway Systems - Hj. Tajuddin b. Mohd Yusof

Tn Hj Tajuddin, a civil engineer by profession, is currently Head of Design and Construction at Johan Setia Perunding Sdn Bhd, the Independent Checking Consultant (ICC) for the KTMB Klang Valley Upgrading Project (Phase A). He has a MSc degree in Railway Systems Engineering and Integration from the University of Birmingham, UK

He has over 31 years overall working experience in KTMB and has held various positions in KTMB up to senior management level as General Manager of Project Management Division and as General Manager Permanent Way Division before he retired from KTMB in 2011. He has extensive experience in leading the planning and implementation of railway projects and had served as the Superintending Officer Representative (SOR) for Government funded KTMB mega railway projects as well as playing the role of technical advisor to the Government.

After retiring from KTMB, he was associated with Mott MacDonald (M) Sdn Bhd in carrying out asset condition survey of the railway in the Klang Valley. He had also carried out Permanent Way consultancy work for MMC-Gamuda JV to update and prepare the new KTMB Permanent Way Manual (Trackwork Maintenance O & M Manual) to incorporate the latest maintenance requirement for the KTMB high speed metre gauge lines. He also had a brief stint (about 6 months) in carrying out Interface Management duties for Bombardier Transportation in the Klang Valley Mass Rapid Transit Project.

Speaker 2 : Introduction to Permanent Way Engineering - Ir. Hj. Abdul Wahab Ikhsan

Ir Hj Abdul Wahab, a mechanical engineer by profession, is currently Head of Trackworks at Johan Setia Perunding Sdn Bhd, the Independent Checking Consultant (ICC) for the KTMB Klang Valley Upgrading Project (Phase A). He has a MSc degree in Engineering Business Management from the University of Warwick, UK

PERSONAL DATA PROTECTION ACT

I have read and understand 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.

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He has over 27 years overall working experience in KTMB. He started his career at Mechanical (Fleet) Department for about 10 years and then seconded for the rest of years to Civil (Permanent Way) Department. He has held various positions in KTMB up to senior management level as Senior Manager (Technical) of Permanent Way Division.

At KTMB, he has extensively involved in track works project and its track maintenance. He has also been giving lectures at the KTMB's training center, Permanent Way Institution gathering and invitation lecturer at UTM university. He has also involved in track related analysis study done by UKM and UiTM universities.

After retiring from KTMB, he worked as track consultant involved in design and incharged of construction works through SCG(I) Consults and KL Consults respectively.

Programme		
Time	Day 1	Day 2
8.30 – 9:00	Registration	Log-in
9:00 – 10.30	Lecture 1 ○ The Railway System ○ The Railway Function	Lecture 5 ○ Course Introduction ○ ii. Rail Networks
10.30– 11.00	Tea Break	Tea Break
11.00 – 13.00	Lecture 2 ○ Types of Railways ○ Signalling Operation Principles and Types of Signalling	Lecture 6 ○ Road Verses Rail ○ Railway Track
13.00 – 14.15	Lunch	Lunch
14.15– 16.15	Lecture 3 ○ Types of Electrification Systems ○ Rolling Stock System	Lecture 7 ○ Rails, Sleepers etc. ○ Turnouts
16.15 – 16.30	Tea Break	Tea Break
16.30 – 17.30	Lecture 4 ○ The Complexity of Railways	Lecture 7 ○ Track Construction
17.30 – 17.45	Q&A and Conclusion	Q&A and Conclusion Group Photograph

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.