Chairman,
Highway & Transportation Engineering Technical Division,
The Institution of Engineers Malaysia,
Lots 60 & 62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),
46720 PetalingJaya, Selangor DarulEhsan
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REGISTRATION FORM
2 DAY GEOMETRIC DESIGN COURSE WITH MXROAD
Date : 27th & 28th May 2015
Venue : SEGi Computer Lab, SEGi University, Kota Damansara
Closing Date : 25th May 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

2 DAY GEOMETRIC DESIGN COURSE WITH MXROAD
Organised By:
Highway & Transportation Engineering Technical Division, IEM

Date   : 27th & 28th May 2015
Venue   : SEGi Computer Lab, SEGi University, Kota Damansara
Time   : 9.00 a.m. - 5.30 p.m.

BEM Approved CPD/PDP Hours : 13
REF NO : IEM15/HQ/185/C

REGISTRATION FEE (GST NOT INCLUDED)

Registration Fee	Normal Fee	On-line Fee
IEM Student Member :	750.00	650.00
IEM Graduate Member :	950.00	850.00
IEM Corporate Member:	1150.00	1050.00
Non IEM Member :	1300.00	1200.00

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

Road geometric design concerns the design of road alignment that conforms to the site constraints and standards. The basic objectives are to optimize efficiency and safety while minimizing cost and environmental damage. Once a road/highway engineer is familiar with the basics of road geometric design, the next step to enhance their value is by learning a software for the application of these basic knowledge. The intention of having this course is to apply the road geometric design into the software as well as relate with the design standards applied into the software. Participants will be able to design road geometric from checking of survey data, horizontal and vertical design, super-elevation and production of road cross sections.

Besides learning the software, the speaker will share his various experiences while designing roads/highways using MXROAD. This course is a continuity of the road geometric course carried out previously. This course is specifically targeted for those road/highway engineers who need to design roads, those who have taken on a new responsibility on road design related work, those who are looking for new knowledge on road design software, or those who just wish to broaden their knowledge. In addition, it is also suitable for those who would like to know more about MXROAD software and try out the software before purchase.

TENTATIVE PROGRAMME- Day 1 (By: Ir. Gary Chien – will be assisted by Mr. Kughanathan)

Day	Time	Description
DAY 1	8.00 – 9.00am	Registration
	9:00 -10:30am	• Basic concepts of MX and getting started • Importing and displaying the survey • Checking and amending the survey
	10.30 – 10.45am	**Tea Break**
	10:45 – 12:15 pm	• Continue with checking and amending the survey • CAD environment tools • Essential housekeeping
	12.20 – 1.15pm	**Lunch**
	1.15pm- 3.15pm	• MXROAD – Horizontal & vertical alignment design • Generating the road features
	3.15pm – 3.30pm	**Tea Break**
	3.30pm – 5.30pm	• Continue with MXROAD – Horizontal & vertical alignment design
	5.30pm	**End**

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.

TENTATIVE PROGRAMME- Day 2 (By: Ir. Gary Chien - will be assisted by Mr. Kughanathan)

Day	Time	Description
DAY 2	9:00 -10:30am	• Applying Super elevation to the carriageway edges • Reporting string and model data
	10.30 – 10.45am	**Tea Break**
	10:45 – 12:15 pm	• Forming junctions and traffic islands • Shoulders footways and verges
	12.20 – 1.15pm	**Lunch**
	1.15pm- 3.15pm	• Continue with shoulders footways and verges • Earthworks design
	3.15pm – 3.30pm	**Tea Break**
	3.30pm – 5.30pm	• Continue with Earthworks design • Create profile & cross section annotation
	5.30pm	**End**

BIODATA OF SPEAKERS

Ir. Gary Chien obtained the Bachelor of Engineering from University of Melbourne. He has more than 20 years of engineering experience in infrastructure and built environment projects. He is currently working with OPUS Group Berhad which is a member of UEM. He is an active participant of Young Engineers Programme (YEP) at OPUS/UEM and serves as a mentor. Ir Gary Chien serves on the Highway and Transportation Engineering Technical Division (HTETD) and Log Book Committee (LBTS) at IEM. He has also serve as Second Interviewer for Professional Interview examinations.

Mr Kughanathan Kuppusamy obtained his degree in Civil Engineering from University of Science Malaysia in 2002. He previously worked as a design engineer with Ace Vector Sdn Bhd, a civil engineering consultant. While working with the consultant firm, he was involved in the design of several road projects using MXROAD with reference to JKR's Geometric Design Standard. He has over 14 years of experience as a trainer for Bentley MXROAD from Beginner's level to Advanced level.