

ONE-DAY SEMINAR ON HIGHWAY GEOMETRIC DESIGN (FUNDAMENTAL)

Date: 29 APRIL 2026

Time : 9.00 AM – 5.30 PM

Venue: C&S AND TUS Lecture Room

Speaker : Ir. Azizul Hawari

BEM Approved CPD: 7 Hours

CPD Ref. No.: IEM26/HQ/098/S

Training Mode: Physical



Approved Duration: 09/03/26 - 09/03/27
HRD Corp Serial No: 10001665438

Closing Date: 22 April 2026

	ONLINE (Non HRD Claimable) (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)	NORMAL FEE (HRD Claimable) (by fax & email) Payment by cash, invoice and quotation
IEM Student Member	180.00	230.00
IEM Graduate Member	300.00	350.00
IEM Corporate Member	450.00	500.00
Non-IEM Member	900.00	1000.00

Organised by:

Highway and Transportation Engineering Technical Division (HTETD), IEM

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

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.

"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion".

For intending participants who choose to 'walk in without prior registration',

IEM SHALL NOT be responsible for any direct or consequential losses

FOR FURTHER DETAILS, KINDLY CONTACT:

The Institution of Engineers, Malaysia
Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor
Tel : 603-7968 4001/2 Fax : 603-7957 7678 Email : suriani@iem.org.my

SPEAKERS



Ir. Azizul bin Hawari, a registered Professional Engineer with Practising Certificate (PEPC) with the Board of Engineers Malaysia. He graduated from Universiti Teknologi PETRONAS (UTP) with a Bachelor of Engineering Civil. He has 16 years of experience in construction (building and water pipeline), design (highway), road safety auditor (RSA), and independent checker engineer (ICE) for highway and project management. Currently, working as Managing Director at AA Ingenieurs.

As an experienced engineer with a robust background in the civil engineering industry, he has developed and honed a diverse set of skills and a deep understanding of various aspects of engineering projects. His professional journey is marked by significant contributions to a range of projects, demonstrating his expertise and leadership in the field.

He is specialised in highway engineering and has a successful track record of managing numerous highway projects to ensure safety, sustainability, and required performance standards. He is involved in Persiaran Mokhtar Dahari, MEX 2 Project, Roads and Highway Parts of East Coast Rail Link (ECRL) Project, PJD Link Project and Pan Borneo Sabah Project.

He possesses strong leadership qualities and excellent communication skills, successfully mentoring junior engineers and fostering a collaborative, innovative working environment. His ability to clearly articulate project goals and progress to clients, team members, and other stakeholders has been a key factor in the successful delivery of many projects. With a solid foundation in both practical engineering and project management, he is committed to advancing infrastructure development and contributing to the ongoing success of the civil engineering industry.

SYNOPSIS

This seminar aims to provide aspiring civil engineering students, fresh graduates, or junior road engineers with an overview of the planning, design, and layout of a roadway's visible features to ensure safe, efficient, and comfortable traffic movement. The effective road geometric design enhances safety, efficiency, and driver comfort while mitigating environmental impacts.

The key components of road geometric design include horizontal and vertical alignment, cross-sections, intersections, and sight distance considerations.

This seminar provides an overview of highway design. Participants will be taught basic geometric highway design (mainline) and at-grade intersection design

This course will cover:

- Introduction to Highway & Road Design
- Geometric Highway Design (Mainline)
- At-Grade Intersection Design

Who Could Benefit from This Seminar

- Government Agencies/Bodies/Local Authorities
- C&S Consultant Engineers
- Property Developers
- Design Engineers
- Contractors and Sub-contractors
- Researchers
- Lecturers
- Undergraduate / Postgraduate Students

In summary, road geometric design is a critical aspect of civil engineering that focuses on the physical characteristics of a road. It ensures that roads are safe, functional, and efficient for all users.

TENTATIVE PROGRAMME

Time	Programme
08:30 am – 09:00 am	Registration & Welcoming Breakfast
09:00 am – 10:30 am	Module 1: Introduction to Geometric Design of Road
10:30 am – 10:45 am	Break
10:45 am – 1.00 pm	Module 1: Geometric Design of Road (Continue)
1.00 pm – 2:00 pm	Lunch
2:00 pm – 3:30 pm	Module 2: At-Grade Intersection Design
3:30 pm – 3:45 pm	Break
3:45 pm – 5.00 pm	Module 2: At-Grade Intersection Design (Continue)
5.00 pm – 5:30 pm	Q & A and End of Session

*** IEM reserves the right to postpone, reschedule, allocate or cancel the seminar**

REGISTRATION FORM

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29 APRIL 2026 **Closing Date: 22 April 2026**

	ONLINE <small>(Log-in for registration & payment: www.myiem.org.my/member/login.aspx)</small>	NORMAL FEE <small>(by fax & email) Payment by cash, invoice and quotation</small>
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No	Name(s)	Membership No.	Grade	Fee (RM)
SUB TOTAL				
+ 6% SST				
TOTAL PAYABLE				

PAYMENT DETAILS:

FULL PAYMENT must be settled before commencement of the seminar, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE** the closing date. If payment is not received within the stipulated time, the registration the registration automatically cancels..

Contact Person : _____ Designation : _____

Name of Organization : _____

Address : _____

Telephone No. : _____ (O) Fax No : _____ (O)

Handphone : _____ (HP) Email: _____

Signature & Stamp _____

Date _____

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
- The Organising 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