

**REGISTRATION FORM**

**2-day course on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM2)**

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**\*\*\*IMPORTANT NOTICE\*\*\*** All registration fees must be FULLY paid before commencement of the course. IEM Academy Sdn Bhd reserves the right to refuse entry for participant(s) who have not paid their registration fees to attend the course. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.

NO.	NAME (S) IN CAPITALS	IEM NO.	GRADE	FEE (RM)
1				
2				
3				
Total				

Please Tick (✓)	Event Date	Location
	13 & 14 November 2018	IEM Southern Branch - Johor Bahru, Johor
	28 & 29 November 2018	IEM Kuching Branch – Kuching, Sarawak
	17 & 18 December 2018	Wisma IEM, Petaling Jaya, Selangor

**PAYMENT METHODS**

- Banker's cheque made payable to "IEM ACADEMY SDN BHD"
- Bank Transfer (Please forward soft copy of payment advice)

Account Name : IEM ACADEMY SDN BHD

Account Number : 21403500139397

Bank Name : RHB Bank Berhad

Bank Address : No. 5, Jalan 52/18, PJ New Town, 46200 Petaling Jaya.

Swift Code : RHBBMYKL

Name of Organization: .....

Address: .....

Mobile No : ..... Tel (O) : ..... Fax No: .....

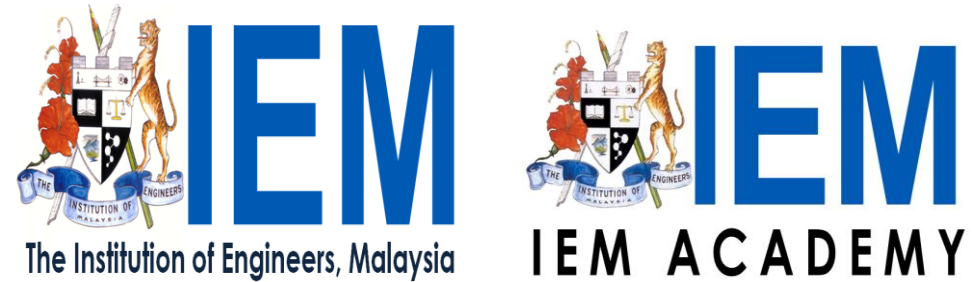
Contact Person : ..... Designation : .....

E-mail : .....

(Please print clearly for confirmation of registration purposes)

**\*\*I/We understand that the fee is not refundable if I/we withdraw after my/our registration is accepted but substitution of participants will be allowed. If I/we fail to attend the course, the fee paid will not be refunded.**

Signature : ..... Date : .....



Organised by:  
Sub Committee on Engineering Contracts, under PPC,  
The Institution of Engineers, Malaysia

Endorsed by: CIDB Malaysia

Managed by:  
IEM Academy Sdn Bhd

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Time: 8.30am – 5.30pm

**Certified MyCESMM2 Trainers**

Ir. Hj. Shahul Ikram bin Hj. Adnan / Ir. Ho Kin Wing / Ir. K. Gunasagaran

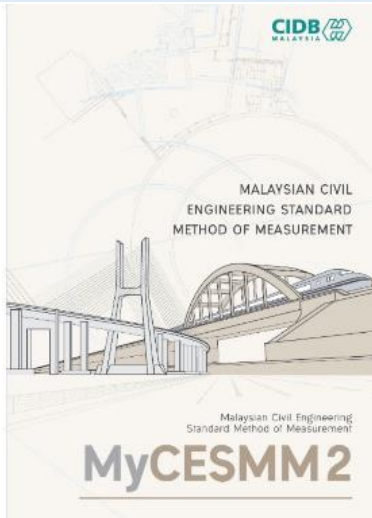
**Registration Fee:**

Grade	Peninsular Malaysia		Sarawak	
	Offline Rate	Online Rate	Offline Rate	Online Rate
	RM 800	RM 750	RM 900	RM 850
	RM 1200	RM 1150	RM 1300	RM 1250

**CLOSING DATE FOR REGISTRATION: 1<sup>st</sup> NOVEMBER 2018**

**BEM Approved CPD/PDP: 13.5 Hours  
Ref. No.: IEM18/HQ/038/C**

## INTRODUCTION



**MyCESMM2** replaces the current Malaysian Standard Method for Measurement of Civil Engineering construction covering a wider range of civil engineering works. It is expected to contribute towards delivering cost effective civil engineering projects through the adoption of best practices in the preparation of the bills of quantities (BQ). The implementation of **MyCESMM2** would eliminate discrepancies and ambiguities in the BQ, facilitate better understanding of the nature of work to be done and thus reduce potential claims and dispute arising during the construction stage. This **MyCESMM2** is the mandatory course for all those who are involved in all engineering works.

## SYNOPSIS

This course consist lectures, workshops, and presentations on important **MyCESMM2** matters in the following manners:

### Lectures

- Standard Method of Measurement (SMM) in relation to preparation of Bill of Quantities (BQ), function of BQ, why standardised BQ is needed, SMM in construction procurement without SMM, benefits of standardizing the BQ for civil engineering works using MyCESMM
- Introduction to CESMM (2003), MyCESMM (2011) and

### MyCESMM2 (2018)

- Principles of MyCESMM; Definitions, general principle, application of the work classifications, coding & numbering of items, preparation of BQ, completion, pricing and use of BQ, and finally method-related charges
- Introduction to selected work classes; General Items, Roads & Pavings and Earthworks
- For detail items, to cover work classifications of Piling, Concrete, Piling and Drainage works

### Workshops

- Prepare BQ description by extraction from Library of Standard BQ description for **MyCESMM2**
- Taking off, Abstracting and prepare BQ in-line with **MyCESMM2**

### Presentations

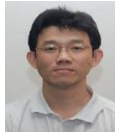
- Participants working in groups will be presenting their workshop task and to be compared to Trainer's model answers

## BIODATA OF CERTIFIED MyCESMM2 TRAINERS



**Ir. Hj. Shahul Ikram bin Hj. Adnan** is currently a Director of Railplan Consultants Sdn. Bhd., a civil and structural engineering consultants based in Bandar Baru Bangi, Selangor. He holds a Bachelor of Science in Civil Engineering from University of Nebraska, USA and an MBA (Construction Business) from International Islamic University, Malaysia. He is registered as a Professional Engineer with the Board of Engineers, Malaysia. Has served in the construction industry for the last **31** years and the most recent 10 years, in a project management and contract administration environment managing sewerage sector developments namely Jelutong Sewage Treatment Plant and Pantai 2 Sewage Treatment Plant. He is also a CIDB's certified **MyCESMM2** Trainer.

**Ir. Ho Kin Wing**, BEng MSc CEng PEng MIEM MStructE FCIArb holds a Bachelor's of Engineering degree in Civil Engineering and a Master of Science in Construction Law and Arbitration. Ir. Ho started his career as a Structural Engineer in the late 80s in London, UK where he obtained his degrees and chartered engineer qualification. Since then he has worked in Malaysia as well as in a number of other Asian countries and in Europe, with projects in Africa, Asia, Europe and the Middle East. Projects that he has been involved in includes commercial and industrial buildings and plants, high rise residential developments, waste water treatment plants, integrated transportation hub and railway stations, river, railway and road bridges, off-shore platforms, sub-sea pipelines, floating, storage and offloading vessels, on-shore crude oil and gas processing facilities, LNG and petrochemical processing plants. Ir. Ho became a Chartered Engineer in the UK in 1994 and a Professional Engineer in Malaysia since 1999. He has been a corporate member of the Institute of Structural Engineers UK since 1993 and a corporate member of the Institution of Engineers Malaysia and the Chartered Institute of Arbitrators since 1999. Ir. Ho is on the panel of Arbitrators, Adjudicators and Mediators with the Kuala Lumpur Regional Centre for Arbitration and was accredited as a mediator by the Construction Industry Development Board, Malaysia. He is a committee member of the IEM Subcommittee on Dispute Avoidance and Resolution Practice and Subcommittee



of Engineering Contracts and was the Honorary Secretary of the Society of Construction Law Malaysia and Deputy Chairman of the Chartered Institute Arbitrators Malaysia Branch.



**Ir. Gunasagaran Kristnan**, graduated from The University of Michigan, Ann Arbor, Michigan USA with a Bachelor of Science in Engineering (Civil Engineering) on 27 April 1984. He obtain the Professional Engineer status in 1990. He is also a member of The Institution of Engineers, Malaysia and was conferred with Honorary Fellow of AFEO (ASEAN Federation of Engineering) Organisation. He is also an active IEM member for 33 years and have engaged in organizing and leading activities. From 1984 to 1986, he served for as a Contract Civil Engineer with Jabatan Pengairan dan Saliran. Worked for another two years with a contractor company before setting up a Construction company and after which a consulting company. Currently, he is the Director of Perunding Permai KG Consultant and also KG Construction. Pertinently to mention, he is currently serving as a Chairman for the Sub Committee on Engineering Contracts under the Standing Committee on Professional Practice (PPC) to produce the IEM Form of Contract for Civil as well as Mechanical and Electrical Engineering Works. He has been serving the Committee for almost 10 years. Currently, the Sub Committee is in the midst of revising the IEM NSC. He is also the Past IEM Honorary Secretary and currently the IEM Council Member. Recently, he has been one of the Certified IBS trainer and a Certified **MyCESMM2** trainer by CIDB. He involved with the Working Group committee member of CIDB on the conversion of **MyCESMM2** to MS civil engineering standard of measurement. He is also involves in KKPT focus group member on Construction permits and a Working Group member of the CIDB form of contract for Minor works. His expertise is in civil construction work mainly on building, factory, resistance retaining wall and structural design works. His special interest is in civil engineering contract, adjudication and arbitration, geotechnical, pavement and transportation on IBS subject.

## COURSE PROGRAMME

Time	Day 1	Day 2
8.30am – 9:30am	<b>Lecture 1</b> Introduction to Principles of MSCESMM and MyCESMM2 <b>Quiz no. 1</b>	<b>Lecture 5</b> Site Investigation Work Geotechnical Work
9:30am – 10.00am	<b>Tea Break</b>	<b>Tea Break</b>
10.00am – 10.45am	<b>Lecture 2</b> Demolition and Site Clearance Earthworks	<b>Lecture 6</b> Drainage Work <b>Quiz no. 4</b>
10.45am – 11.30am	<b>Workshop 1</b> Site Preparatory Work	<b>Workshop 3</b> Concrete Work
11.30am – 1.00pm	<b>Lecture 3</b> Piling Work Concrete Work <b>Quiz no. 2</b>	<b>Lecture 7</b> Environmental Protection Miscellaneous Work <b>Quiz no. 5</b>
1.00pm – 2.00pm	<b>Lunch Break</b>	<b>Lunch Break</b>
2.00pm – 3.30pm	<b>Lecture 4</b> General Items Provisional & Prime Cost Sums <b>Quiz no. 3</b>	<b>Lecture 8a</b> Roads & Pavings Traffic Management & Control <b>Quiz no. 6</b>
3.30pm – 4.00pm	<b>Tea Break</b>	<b>Tea Break</b>
4.00pm – 4.45pm	<b>Workshop 2</b> Piling Work	<b>Workshop 4</b> Roadwork
4.45pm – 5.30pm	<b>Presentation</b> Q & A	<b>Presentation</b> Q & A

**All course participants are required to bring own Notebook to operate MS Excel**