

**REGISTRATION FORM**

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

Fax: 03-7968 4006 Email: afzan@iem.org.my Website: www.myiem.org.my

**\*\*\*IMPORTANT NOTICE\*\*\*** All registration fees must be FULLY paid before commencement of the course. IEM 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.				
	Sub Total:			
	6% SST Added:			
<b>TOTAL</b>				

Please Tick (√)	Date	Location
	20-21 May 2019 <i>Reschedule to 11-12 June 2019</i>	IEM Petaling Jaya
	22-23 July 2019 <i>Reschedule to 3-4 September 2019</i>	IEM Terengganu
	5-6 July 2019 <i>Reschedule to 27-28 September 2019</i>	IEM Southern
	18-19 December 2019	IEM Petaling Jaya

**PAYMENT METHODS**

Cash RM \_\_\_\_\_

Cheque no. \_\_\_\_\_ for the amount of RM \_\_\_\_\_  
(non-refundable) and made payable to "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/are\* accepted by the Organizing Committee but substitution of participant will be allowed. If I/We\* fail to attend the Course, I/We will still pay the registration.**

Name of Organization:.....

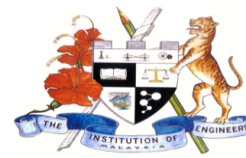
Address:.....

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

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

E-mail : .....

**(Please print clearly for confirmation of registration purposes)**



**IEM**

**The Institution of Engineers, Malaysia**



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

**2-day Course on Malaysian Civil Engineering  
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\*\*\* Courses at IEM branches, actual date & venue to be confirmed directly with the respective IEM branch

**Time: 8.30am – 5.30pm**

**Venue: At respective IEM Branch/HQ Offices**

**Certified MyCESMM2 Trainers**

Ir. Hj. Shahul Ikram bin Hj. Adnan, Ir. Ho Kin Wing & Ir. Gunasagaran Kristnan

**REGISTRATION FEES (to add 6% SST effective March 2019)**

Grade	Location	Fees	
		Offline Rate	Online Rate
IEM Member		RM 700	RM 650
Non-IEM Member		RM 1000	RM 950

\*\*\* The fourth participants from a same organisation can attend the course for FREE (no charge)

**BEM Approved CPD/PDP: 13.5**

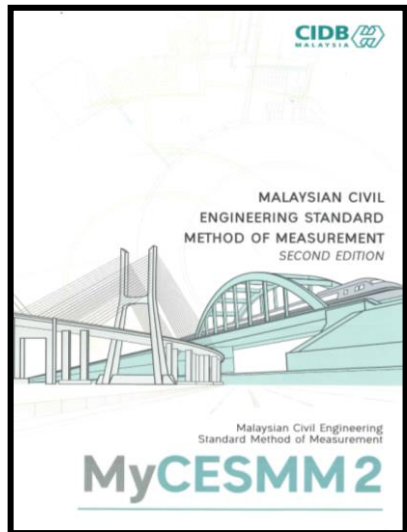
**Ref. No.: IEM19/HQ/065/C**

\* 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** be considered as **NORMAL REGISTRATION**



construction stage. This **MyCESMM2** is the mandatory course for all those who are involved in all engineering works.

**MS 2701:2018** is now a national standard that can be applied to all infrastructural projects in the country. It integrates various specifications that previously existed in the Malaysian market, while consolidating best industry practices from around the world. Importantly, the recognition of **MyCESMM2** as a Malaysian Standard was achieved after a long consultative and collaborative process with industry stakeholders, technical agencies as well as higher learning institutions,” he added.



- 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**

### Introduction

Civil Engineering Standard Method of Measurement (2<sup>nd</sup> revision) (**MyCESMM2**) has now been recognised by the Malaysian Government as a Malaysian Standard, **MS 2701:2018**. This initiative is part of the overall strategy to raise the standards of the local construction industry to be on par with developed economies and achieves one of the KPIs set under the Government’s Construction Industry Transformation Programme 2016 – 2020 (CITP).

**MyCESMM2** was recognised as **MS 2701:2018** by the Department of Standards Malaysia, which is under the purview of the Ministry of International Trade and Industry. The document was launched at a ceremony on 8<sup>th</sup> January 2019 in Kota Kinabalu, Sabah, by Tuan Baru Bian, the Minister of Works.

**MyCESMM2** replaces the current Malaysian Standard Method for Measurement of Civil Engineering (MyCESMM) 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 Bill 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

The introduction of **MS 2017:2018** is one of the key initiatives to create a culture of high quality and professionalism in the Malaysian construction industry, thereby raising the quality of Malaysian construction practices to international standards. This will increase the competitiveness of Malaysian construction players in the global market, which is in line with the outcomes envisioned in the CITP’s Internationalisation strategic thrust.

### 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), the newly revised **MyCESMM2** (2018) and the new **MS2701:2018**
- Principles of **MyCESMM2**; 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

### Brief Biodata of Certified MyCESMM2 Trainers



**Ir. Hj. Shahul Ikram bin Hj. Adnan** BSCE, MBA PEng MIEM holds a Bachelor of Science in Civil Engineering from University of Nebraska, USA and an MBA (Construction Business) from International Islamic University, Malaysia. He runs a civil and structural engineering consultancy as a director for Railplan Consultants Sdn. Bhd. based in Kajang. He is also a CIDB’s certified **MyCESMM2** Trainer.



**Ir. Ho Kin Wing**, BEng MSc CEng PEng MIEM MIStructE FCIArb holds a Bachelor’s of Engineering degree in Civil Engineering and a Master of Science in Construction Law and Arbitration. Ir. Ho is on the panel of Arbitrators, Adjudicators and Mediators with the Asian International Arbitration Centre and was accredited as a mediator by the Construction Industry Development Board, Malaysia. He is also a CIDB’s certified **MyCESMM2** Trainer.



**Ir. Gunasagaran Kristnan** BSCE PEng MIEM holds a Bachelor of Science in Civil Engineering from University of Michigan, Ann Arbor, Michigan USA. He is also the Past IEM Honorary Secretary and currently the IEM Council Member. Recently, he has been one of the Certified IBS trainers and a Certified **MyCESMM2** trainer by CIDB.

### Course Programme

Time	Day 1	Day 2
8.30am – 9:30am	<b>Lecture 1</b> Introduction to Principles of MSCESMM and MyCESMM2 <a href="#">Quiz no. 1</a>	<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 <a href="#">Quiz no. 4</a>
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 <a href="#">Quiz no. 2</a>	<b>Lecture 7</b> Environmental Protection Miscellaneous Work <a href="#">Quiz no. 5</a>
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 <a href="#">Quiz no. 3</a>	<b>Lecture 8</b> Roads & Pavings Traffic Management & Control <a href="#">Quiz no. 6</a>
3.30pm – 4.00pm	<b>Tea Break</b>	<b>Tea Break</b>
4.00pm – 5.00pm	<b>Workshop 2</b> Piling Work	<b>Workshop 4</b> Roadwork
5.00pm – 5.30pm	Q & A	Q & A

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