

## Registration Form

### 2 ½ Day Course on MyCREST Awareness and Qualified Professional Training Program

4 OCTOBER 2017 TO 6 OCTOBER 2017 (WEDNESDAY TO FRIDAY) | KUALA LUMPUR

Jointly Organised by: Information and Communications Technology Special Interest Group, IEM,  
Electrical Engineering Technical Division, IEM

Name of Organisation: .....

Mailing Address: .....

Email : ..... Hand Phone : .....

Tel (Office) : ..... Fax : .....

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

I/We wish to enrol the following person(s) for the above-mentioned Course:

Name	M/ship No.	Reg. Fee (RM)
	SUB TOTAL	
	ADD GST @ 6%	
	TOTAL PAYABLE	

Enclosed herewith a crossed cheque No. .... for the sum of RM ..... issued in favor 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/are accepted by the Organizing Committee, but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.

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

### Registration Fee (Subject to 6% GST)

GRADE	ONLINE	NORMAL (OFFLINE)
IEM STUDENT MEMBER	RM 500.00	RM 550.00
IEM GRADUATE MEMBER	RM 550.00	RM 600.00
IEM CORPORATE MEMBER	RM 600.00	RM 650.00
NON-IEM MEMBER	RM 700.00	RM 750.00

#### 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.

### Correspondence

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**GST is implemented  
effective of 1 April 2015**



## 2 ½ Day Course on MyCREST Awareness and Qualified Professional Training Program

Date: 4 October 2017 to 6 October 2017 (Wednesday to Friday)

Venue: Seminar Room, Mampan & myBIM Centre, Level 11,

Sunway Putra Tower, Lot 100, Jalan Putra, 50350 Kuala Lumpur

Speaker: Ir. Chong Chew Fan

Jointly Organised by: Information and Communications Technology Special Interest Group, IEM,  
Electrical Engineering Technical Division, IEM

BIM Approved CPD/PDP hours: Applying

**Closing Date Before:  
2 October 2017, Monday**

#### 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.

### Cancellation Policy

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% 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.

## SYNOPSIS

MyCREST stands for Malaysian Carbon Reduction and Sustainability Tool which is under the purview of Ministry of Works. It was developed by Construction Industry Development Board (CIDB) and Department of Public Works (JKR) since 2012 and was launched in 2016. The Malaysian government is planning to mandate that all public projects worth RM50 million and above to adopt MyCREST tool. MyCREST aims to quantify and lower the carbon footprint of construction projects by quantifying building carbon emission in terms of embodied carbon and operational carbon.

MyCREST, a tool that guides every stakeholder involved in the design, construction, operation & maintenance of building by adopting sustainable development practices. It also aims to quantify the actual carbon emission at every stage of the building life cycle. MyCREST aims to guide, assist, quantify and thereby reduce the built environment's impact in terms of reduced carbon emissions and other environmental impact. It also aims to integrate socioeconomic considerations related to the built environment and urban development.

In this course, the speaker will introduce to the audience an overview of MyCREST, its rating system inclusive on some of the important criteria, submission of scorecard as well as the certification process. The speaker will also share some of the good initiatives demonstrated by MyCREST certified projects on the how to reduce the embodied carbon of the building.

## COURSE OBJECTIVES

- To expose on the general assessment structure of MyCREST
- To impart the knowledge for correct interpretation of the pre-requisites and requirements stipulated in the MyCREST reference guides
- To provide guidance in preparing objectively the required submittals
- To assist in completing the scorecard and using carbon calculator
- To share good practices in implementing MyCREST

## Who Should Attend?

Developers, Building Owners, Project Clients, Project Managers, Consultants, Architects, Engineers, Contractors, Town Planners, Academicians, Government Agencies or other organizations related to building construction works.

## BIODATA OF SPEAKER

Ir. Chong Chew Fan is a Practicing Electrical Engineer and currently based in Selangor. He graduated with a degree in Electrical and Electronic Engineering from Universiti Kebangsaan Malaysia (UKM). Ir. Chong is one of the Committee Member who is actively involved in the development of MyCREST from the initial stage and currently he is serving as one of the MyCREST Project Assessor and regular speaker for CIDB on MyCREST. Ir. Chong is also serve as Green Building Index Accreditation Panel (GBIAP) Member, Council Member of Association of Consulting Engineers Malaysia (ACEM) and Chairman of Electrical Engineering Technical Division (EETD) of Institution of Engineers Malaysia (IEM).

## TENTATIVE PROGRAMME

Programme – 1 Day (6 September 2017)		Programme – 2 Day (7 September 2017)		Programme – Half Day (8 September 2017)	
Time		Time		Time	
08:30	Registration				
09:00	<ul style="list-style-type: none"> <li>Briefing on training program</li> <li>Safety briefing</li> <li>Icebreaking</li> </ul>				Assessment Criteria
09:30	Introduction <ul style="list-style-type: none"> <li>Course objectives</li> <li>Historical background</li> <li>What is MyCREST?</li> <li>Aims of MyCREST</li> <li>Objectives of MyCREST</li> <li>Comparison of MyCREST with other conventional green tools</li> </ul>	08:30 – 10:30	Assessment Criteria <ul style="list-style-type: none"> <li>Pre Design</li> <li>Infrastructure and Sequestration</li> </ul>	08:30 – 10:00	<ul style="list-style-type: none"> <li>Waste Management &amp; Reduction</li> <li>Sustainable Facility Management</li> <li>Sustainable &amp; Carbon Initiatives</li> </ul>
10:30	Refreshment	10:30	Refreshment	10:10	Refreshment
11:00	Key Learnings <ul style="list-style-type: none"> <li>Fundamentals of MyCREST</li> <li>Principles of MyCREST criteria</li> <li>MyCREST building lifecycle</li> <li>MyCREST framework</li> <li>MyCREST rating system</li> <li>MyCREST certification path</li> <li>MyCREST project boundary determination</li> <li>Summation structure of MyCREST carbon award</li> <li>Break for groups</li> </ul>	11:00 – 13:00	Assessment Criteria <ul style="list-style-type: none"> <li>Energy Performance Impact</li> <li>Occupant &amp; Health</li> </ul>	10:30 – 13:00	<ul style="list-style-type: none"> <li>Calculations exercise</li> <li>Revision</li> </ul>
13:00	Lunch	13:00	Lunch	13:00	<ul style="list-style-type: none"> <li>Training evaluation</li> <li>Closing</li> </ul>
				13:30	Lunch and dismiss
14:00 – 16:00	Overview of MyCREST Components <ul style="list-style-type: none"> <li>What is Reference Guide, Scorecard and Carbon Tool?</li> <li>How to use?</li> <li>Criteria in scorecard</li> <li>General format of reference guides</li> <li>Understanding pre-requisite, requirements and submittals</li> <li>Importance of reference documents</li> </ul>	14:00 – 15:00	Assessment Criteria <ul style="list-style-type: none"> <li>Lowering the Embodied Carbon</li> <li>Water Efficiency Factors</li> </ul>		
16:00	MyCREST project assessment <ul style="list-style-type: none"> <li>Registration of MyCREST</li> <li>Criteria for qualified professional (QP)</li> <li>Criteria for assessor</li> <li>Sharing good practices</li> </ul> Fill up the scorecard sheet together practising carbon calculator Summary Q & A	16:00 – 16:30	Briefing <ul style="list-style-type: none"> <li>Written assessment</li> <li>Group assignment</li> <li>Distribution of case study</li> <li>Preliminary group discussion</li> </ul>		
			Important knowledge area for Qualified Professional <ul style="list-style-type: none"> <li>Understand on the calculation of OTTV &amp; RTTV</li> <li>Understand on the calculation of BEI</li> <li>Understand the concept of embodied carbon, operational carbon, carbon sequestration and carbon offset</li> <li>Guidance in using carbon calculator</li> </ul>		
			Individual assignment <ul style="list-style-type: none"> <li>Calculation of OTTV</li> <li>Fill up the scorecard sheet together practising carbon calculator</li> </ul>		
		16:30	<ul style="list-style-type: none"> <li>Summary of MyCREST</li> <li>Q &amp; A</li> </ul>		
17:00	Refreshment and end of Day 1	17:00	Refreshment and end of Day 2		

POSTPONED  
UNTIL FURTHER NOTICE

EXAMINATION	
Time	Programme (14 days later)
08:30	Registration
09:00	Written Assessment
10:00	Refreshment
10:30	Group Presentation & Evaluation
12:30	Lunch and End Session