



REGISTRATION FORM
THREE DAY COURSE ON “AIR CONDITIONING FUNDAMENTALS AND BASIC SYSTEM DESIGN (HVAC)”
3RD JULY 2017 – 5TH JULY 2017, MONDAY - WEDNESDAY

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 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/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 300	RM 300
IEM GRADUATE MEMBER	RM 1100	RM 1200
IEM CORPORATE MEMBER	RM 1100	RM 1200
NON-IEM MEMBER	RM 2200	RM 2400

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.

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.
- 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. **CLOSING DATE: 30 JUNE 2017**

Correspondence

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BEM Approved CPD/PDP: 18 Hours
Ref. No.: IEM17/HQ/224/C

THREE DAY COURSE ON “AIR CONDITIONING FUNDAMENTALS AND BASIC SYSTEM DESIGN (HVAC)”

DATE : 3RD JULY 2017 – 5TH JULY 2017, MONDAY - WEDNESDAY
TIME : 9.00 AM – 5.00 PM
VENUE : TAN SRI PROF CHIN FUNG KEE AUDITORIUM, 3RD FLOOR, WISMA IEM, PETALING JAYA
SPEAKER : Ir. CHUA KENG SENG

Organised and hosted by
 Oil, Gas and Mining Technical Division, The Institution of Engineers, Malaysia

Synopsis

This fundamental course is designed to give you the understanding of the essential theories and the working principles of air conditioning system. It will also show you how to apply them in practice for the proper operation, energy saving and troubleshooting of the air conditioning system. It also includes an overview of different types of air conditioning systems and their applications. The second part of the course will equip you with the capability of designing air conditioning systems in cooling capacity calculation, air duct design and chilled water piping design.

Biodata of Speaker

Ir. CHUA KENG SENG, B.E. (Hons), MIEM, P.Eng, MASHRAE, MIMM, CCP, graduated from the University of Malaya in 1974. Qualified as a Professional Engineer, he worked with Carrier Malaysia Sdn. Bhd., first as the Service Manager and then as Engineering Manager for about 10 years. During the next 25 years, he operated his own companies in contracting, maintenance and also in consultancy business. He has wide experience in the design, installation, and troubleshooting on various types of systems and also in project management. He was in the design and project management team which implemented the Putrajaya Precinct 2 District Cooling Plant which has a capacity of 30,000 cooling tons. Ir. Chua has also been involved in many training programmes. He lectured air conditioning design in the Mechanical Faculty of University Malaya between 1978 and 1984 as well as in Monash University for the 3 years. Besides he had been invited to deliver lectures and presentations in the University Technology Malaysia, University Technology Petronas, The Institution of Engineers, Malaysia and conducted in-house training for some Corporate Companies.

Tentative Programme			
TIME/DAY	Day 1	Day 2	Day 3
08:30 – 09:00	Registration		
09:00 – 09:30	Understanding Basic Concepts	Cooling Towers	Psychometrics made simple
09:30 – 10:30	Working Principles of Air-Conditioning Equipment		
10:30– 10:45	Tea Break	Tea Break	Tea Break
10:45– 13.00	Application of Ph Chart	Different types of Air-Conditioning System	How to design Air Duct System
13:00– 14:15	Lunch	Lunch	Lunch
14:15– 15:45	Functions of major equipment	How to calculate cooling capacity	How to size water pipes
15:45– 16:00	Tea Break	Tea Break	Tea Break
16:00– 16:45	Continue with Functions of major equipment	Continue with How to calculate cooling capacity	Continue with How to size water pipes