

# ONE DAY COURSE ON SUSTAINABLE AND GREEN PRACTICES FOR ENGINEERS -

## Fundamental and Practical Approaches

**DATE :** 28 OCTOBER 2017 (SATURDAY)  
**TIME :** 8:30 AM – 5.00 PM  
**VENUE :** C&S Lecture Room, 2<sup>nd</sup> Floor, Wisma IEM, Petaling Jaya  
**SPEAKER :** Mr. Ismail bin Abdullah

**PART**  
**1**

Organised and hosted by  
**Environmental Engineering Technical Division**  
**The Institution of Engineers, Malaysia**

### Synopsis

Part 1- This course is designed to equip participants with a strong fundamental knowledge of green technology and practices. The materials provide participants with a thorough expansion on green topics such as climate change, carbon management, green energy, green building and green transportation. The course incorporates dynamic instructional methods and Q&A forums.

### Learning Outcomes

1. Understand the issue of climate change and global warming, international and national mitigation and adaptation initiatives.
2. Describe the basic of carbon footprint calculations, various type of carbon managements, green products and services.
3. Describe the fundamental of upstream and downstream of green energy, energy management and relation to carbon management.
4. Describe the fundamental of green transportation, infrastructure, vehicle and fuels.
5. Describe the fundamental of green building, green building certifications process, green maintenance and new business opportunity.

### Biodata of Speaker

Ismail obtained his Bachelor in Quantity Surveying from Universiti Teknologi Malaysia in 1985 and started his career in 1986 as a contract engineer in the tele-communications field and quickly rose to managerial level. In 1992, he joined the Oil & Gas Industry and served with Oil & Gas companies for 14 years as a Contract and Commercial Manager. Thereafter, he served as a Business Development Director of Nalco Chemical Industries Malaysia Sdn Bhd for 2 years mainly procuring international O&G chemical contracts within the ASEAN region. At the same time, Ismail has also been a shareholder and director of several companies dealing in information technology and the natural gas vehicle (NGV) industry often developing and advising business ventures in these fields. Since 2009 to date, Ismail has helmed his own private limited company, Green Depot Technology Sdn Bhd specializing in energy conservation and carbon management consultancy work, among others. He has also worked extensively with the Malaysian federal and state governments in an advisory capacity. Currently, he is the President & CEO of International Green Training Centre, a certified green training center by Ministry of Human Resource Malaysia. He is also a green syllabus content developer and certified master training for sustainability practices.



### Tentative Programme

08:00 – 09:00	Registration time	14:00 – 15:00	Session 3
09:00 – 10:30	Session 1	15:00 – 16:30	Tea Break
10:30 – 11:00	Tea Break	16:30 – 17:30	Session 4
11:00 – 13:00	Session 2	1730	Session End
13:00 – 14:00	Lunch		

### Registration Form

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)
<b>SUB TOTAL</b>		
<b>ADD GST @ 6%</b>		
<b>TOTAL PAYABLE</b>		

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	150	180
IEM GRADUATE MEMBER	300	350
IEM CORPORATE MEMBER	300	350
NON-IEM MEMBER	550	600

### 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.

### Correspondence

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**BEM Approved CPD/PDP hours: 6.5**  
**Ref. No.: IEM17/HQ/368/C**