

ST Approved
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16/35/56(11)

HRDF
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Short Course on Efficient Energy Management in Commercial and Industrial Buildings

30 — 31 October 2019

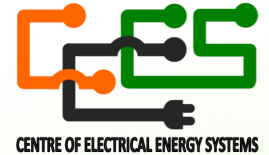
Universiti Teknologi Malaysia Kuala Lumpur

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by:



Industrial, commercial and domestic sectors use energy which involves energy cost. Energy cost can be significant and its utilization needs to be properly managed.

Course Content

- Electricity tariff and load management
- Energy efficiency improvement of air-conditioning, boiler and steam systems
- Power factor correction
- Energy saving potential in electric motor, lighting system and transformer.
- Power quality concept and measurement
- Energy audit methodology



Who Should Attend?

- Energy managers
- Facility/maintenance managers or engineers
- Industry personnel who wish to implement energy management

How Will I Benefit?

- Reduce energy costs
- Gain professional recognition
- Preparation for organization in setting up energy management system

Registration

Limited to 30
seats only

Registration must be made using the registration form enclosed with this brochure.

Cancellation Policy

No refunds once payment made.

Fees

RM 1,950.00

Fees are inclusive of course materials and meals.

Contact Details

- ◆ CEES Office
 - ✉ cees@utm.my
 - 🌐 <http://cees.utm.my>
 - ☎ 07 - 5557006
- ◆ Ms. Siti 'Aisyah Binti Abd Wahid
 - ✉ staisyah@utm.my
 - ☎ 019 - 7422143
- ◆ Prof. Ir. Dr. Mohammad Yusri Bin Hassan
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 - ☎ 019 - 7200271

Speaker



Prof. Ir. Dr. Mohammad Yusri Bin Hassan works as a Professor in the School of Electrical Engineering, Universiti Teknologi Malaysia (UTM). He has more than 30 years of experience in teaching electrical power engineering courses.

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He is a Certified Energy Manager registered with ASEAN Energy Management Scheme (AEMAS), Registered Electrical Energy Manager (REEM) with Energy Commission Malaysia and Chartered Engineer registered with The Engineering Council United Kingdom.

He was involved in the “National Energy Conservation Study” under the Ministry of Energy Telecom and Post, Malaysia (METP) in 1993. He has served as an energy audit consultant on behalf of Institut Sultan Iskandar (ISI), UTM for the industries and commercial buildings. He is also a Working Group Member of Energy Efficiency of SIRIM and member of SIRIM Technical Committee on Energy Management.



Ir. Dr. Hayati Bte Abdullah is an Associate Professor at the School of Mechanical Engineering, UTM. Ir. Dr. Hayati specializes in Thermodynamics, particularly in the area of Air-Conditioning. She was trained in Energy Management in Sweden and is a Certified Energy Manager. Ir. Hayati is a Professional Engineer with Practicing Certificate registered with the Board of Engineers, Malaysia and a Chartered Engineer registered with The Engineering Council, United Kingdom. She has experience working as an energy management consultant for over 25 years and has worked in National Energy Conservation and Auditing projects including with international consultants such as ADEME from France.

Ir. Dr. Hayati is a Professional Engineer with Practicing Certificate registered with the Board of Engineers, Malaysia and a Chartered Engineer registered with The Engineering Council, United Kingdom. She has experience working as an energy management consultant for over 25 years and has worked in National Energy Conservation and Auditing projects including with international consultants such as ADEME from France.

Ir. Md Shah Bin Majid is a retired associate professor from the School of Electrical Engineering, UTM with 30 years of experience in teaching electrical power engineering courses. He is a Professional Engineer registered with The Board of Engineers Malaysia. He served as an energy auditor for industrial and commercial sectors from 1991 to 2011.



Speaker



Dr. Dalila Binti Mat Said is a Senior Lecturer at the Centre of Electrical Energy Systems, the School of Electrical Engineering, UTM. She has 15 years of experience in teaching electrical engineering courses and supervision

of undergraduates, master and PhD students. She has an experience within the area of power quality consultancy. She was involved in the Power Quality Baseline Study in Peninsular Malaysia (2010-2013) under the Energy Commission of Malaysia.

Program Schedule

Day	Time	Topic
1	8.30am	Registration
	9.00am	Refresher on Energy Manager's Roles
	10.00am	Tea break
	10.30am	Electricity Tariff and Electrical Load Management
	12.00pm	Energy Efficiency Improvement of Air-Conditioning System
	1.00pm	Lunch break
	2.00pm	Energy Efficiency Improvement of Air-Conditioning System
	3.00pm	Performance and Energy Savings Opportunities for Boilers
	5.00pm	End of Day 1
2	9.00am	Power Factor Correction
	10.00am	Tea break
	10.30am	Energy Saving Potential in Electrical Equipment - Electric Motor
	12.00pm	Energy Saving Potential in Electrical Equipment - Lighting System
	1.00pm	Lunch break
	2.00pm	Energy Saving Potential in Electrical Equipment - Transformer
	3.00pm	Power Quality Measurement and Concept
	4.00pm	Energy Audit Methodology and Practical Demonstration
	5.00pm	End of Day 2

Registration Form

Short Course on Efficient Energy Management in Commercial and Industrial Buildings

Sponsorship Organization / Company Self-sponsored

Name _____ Mr / Mrs / Ms _____

Job Title _____ Department _____

Work Field _____ Academic Field _____

Mobile No _____ Office No _____ Email Address _____

Invoice should be directed to

Name _____ Mr / Mrs / Ms _____

Department _____

Name of Organization _____

Organization Address _____

Postcode _____

Office No _____ Fax No _____ Email Address _____

Kindly send the completed form to cees@utm.my to register.
An invoice will be sent to you after your registration form is received.

Kindly make your payment by:

Credit Card

Register for a username and password and make the payment via:

<http://bit.do/sceemcib2019>

Bank Transfer

All crossed cheque / bank draft should be made payable to:

Account Name: UTMSPACE
Account Number: 8601518228
Bank Name: CIMB ISLAMIC BANK BERHAD
Branch: UTM Skudai, Johor
Swift Code: CTBBMYKL