

REGISTERED WITH:



JOINTLY ORGANISED BY:



TRAINING PROVIDER: 127273K IEM TRAINING ACADEMY SDN. BHD.  
APPROVED DURATION: 07/12/2021 - 11/12/2022  
HRD CORP SERIAL NO: 10001141622



**Suruhanjaya Tenaga Approved  
Energy Manager Training Course**

# 5-DAY IEM ENERGY MANAGER TRAINING COURSE (EMTC)

**A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga**

Jointly Organised by: IEM Training Academy Sdn Bhd  
&  
IEM Electrical Engineering Technical Division (EETD)

<b>Training Methods</b>	:	<b>Online Mode* / Onsite Mode*</b> *Subject to change
<b>Date*</b>	:	<b>13 - 17 June 2022 8 - 12 August 2022</b>
<b>Time</b>	:	<b>8:30am - 5:30pm</b>
<b>BEM CPD Ref No. &amp; Hours</b>	:	<b>IEM21/HQ/466/C (w), CPD=34</b>

## Registration Fees:

	Online
IEM/AER Members	RM4,240.00
Non-IEM/AER Members	RM4,770.00

Fees inclusive of:

- A copy of MS ISO 50001 will be provided and this is included in the cost,
- Certified Energy Manager Certificate will be issued to participants who have completed and pass the training course.

Please register at [iemta@iem.org.my](mailto:iemta@iem.org.my) Website: <http://iemtasb.weebly.com>



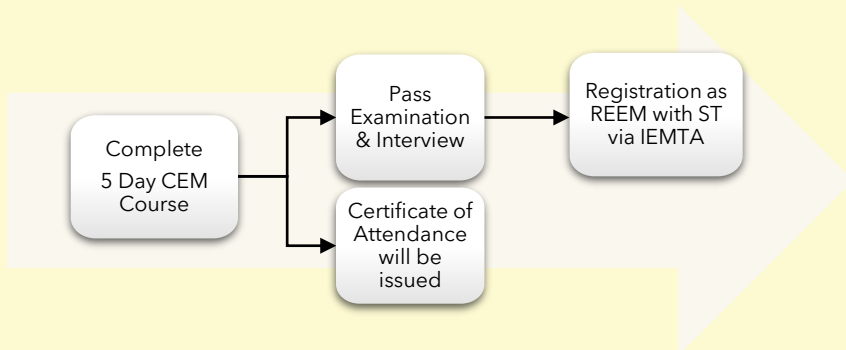


# SECOND SERIES: 5-DAY IEM ENERGY MANAGER TRAINING COURSE (EMTC)

## A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga

### OVERVIEW

- IEM Training Academy Sdn Bhd (IEMTA), with the approval of Suruhanjaya Tenaga, Malaysia (ST) is conducting an Energy Manager Training Course (EMTC) as part of the initiative to produce more Registered Electrical Energy Managers (REEMs) and support the implementation of the Efficient Management of Electrical Energy Regulations (EMEER 2008).
- Participants will be trained on matters such as regulatory requirements, energy management tools, and skills to implement and optimize energy management plans and projects in their facilities.
- Eligible participants can register via IEMTA as REEM with ST upon passing the EMTC examination and oral interview / presentation.



### TARGET PARTICIPANTS

- 1 Management/Technical personnel of facilities planning to implement energy saving programme especially those affected by EMEER.
- 2 Qualified professionals interested to register themselves as Registered Electrical Energy Managers with ST.
- 3 Management / Technical personnel who are interested in building up their knowledge in Energy Management.
- 4 Any other individuals who hold a degree in Science, Engineering, Architecture with few years of working experience.

### REEM

#### REQUIREMENT & QUALIFICATIONS

Participants who are eligible to register as REEMs with ST shall comply with the following conditions:

1. Malaysian citizen aged 23 years and above; **AND**
2. At least one or more of the following academic and/or professional qualification:
  - a. Holds a certificate of registration as a Professional Engineer under the Registration of Engineers Act 1967 [Act 138] and possess at least six months working experience in the efficient management of electrical energy at an installation; **OR**
  - b. Holds a degree in Science, Engineering, Architecture or its equivalent and possess at least one year working experience in the efficient management of electrical energy at an installation; **OR**
  - c. Any other qualification recognised by Suruhanjaya Tenaga (ST); **OR**
  - d. Holds a Certificate of Competency issued by the Commission as an Electrical Services Engineer or a competent Electrical Engineer and possess at least nine months working experience in the efficient management of electrical energy in installation; **AND**
  - e. Pass presentation/interview with IEMTA and Suruhanjaya Tenaga (ST) representative.  
(Participants are required to present a project paper outlining involvement in implementing energy management in their facility as per guidelines provided.)
3. Attended the full EMTC course, pass the examination and oral presentation and interview.

For Registration email to [iemta@iem.org.my](mailto:iemta@iem.org.my)

IEMTA, EMTC 02  
REVISION NO.: 02, IMPLEMENTATION DATE: 15 FEB 2022

REGISTERED WITH:



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## PROGRAMME

### A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga

#### DAY 1

- Functions, duties and responsibilities of an Electrical Energy Manager
- Electricity Supply Acts/Regulations
- Efficient Management of Electrical Energy Regulations
- Energy Efficient Standards
- Energy Efficiency and Safety
- Energy Policies and Roadmaps
- Scenarios and Strategies towards energy efficiency in Malaysia

#### DAY 2

- Energy Efficiency - Electrical Systems, Energy Management Systems & Renewable Energy
- Energy Storage Systems

#### DAY 3

- Energy Efficiency - Mechanical Systems, Energy Monitoring and Management Systems, Data Logging Tools and Online Aids, Management Review

#### DAY 4

- Energy Management Standard Compliance
- Technical Energy Audit
- Energy Investment Strategy
- Energy Financial and Economic Analysis

#### DAY 5

- Online Written Exam
- Project Presentation & Interview
- Summarization and Feedback

## LECTURERS

**Ir. Francis Xavier Jacob** graduated with a B.Eng. (Hons) in Electrical Engineering from University of Malaya and M.Sc in Environment from Universiti Putra Malaysia.

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager (REEM) and a Competent Electrical Engineer with Energy Commission Malaysia. He has been with Department of Electricity and Gas and Energy Commission Malaysia since 1991. He is actively involved in standard development and chairs the Technical Committee on Energy Management and sits in various Working Committees.

**Ir. Francis Xavier Jacob**



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## LECTURERS

### A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga

**Ir. Assoc. Prof. Dr. Gobbi Ramasamy** graduated with a B.Eng (Hons) in Electrical Engineering from Universiti Teknologi Malaysia (UTM), M.Sc in Industrial & Technology Management from Universiti Kebangsaan Malaysia (UKM) and Ph.D in Electrical Engineering from Multimedia University Malaysia (MMU).

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager (REEM) with Energy Commission Malaysia. He is currently an Associate Professor in Faculty of Engineering, Multimedia University Malaysia specializing in Power Electronics and Motor and Drives.

**Ir. Assoc. Prof. Dr Gobbi Ramasamy**



**Ir. Luk Chau Beng** graduated with a B.Eng in Mechanical Engineering and M. Engineering Management with specialization in Energy Management, University Tenaga Nasional Malaysia.

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager (REEM) with Energy Commission Malaysia. He is specialised in operating, maintaining and turnaround of a power plant covering boilers, steam turbines, combustion turbines, compressed air system etc. He is an active member of the engineering community serving various capacities in IEM and other organisations.

**Ir. Luk Chau Beng**



**Ir. Al-Khairi Mohd Daud** graduated with a B.Eng (Hons) in Mechanical Engineering from University of Leeds, UK and MBA from UNITAR International University.

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager (REEM) with Energy Commission Malaysia. He has 25 years of experience in project and maintenance of various plants and facilities, energy management consultancy, audit, facilities management advisory, at both government and private sector. He is also one of the regular lecturer/instructor for the Ministry of Health Malaysia and Energy Commission Malaysia on facilities and energy management.

**Ir. Al-Khairi Mohd Daud**



**Ir. Tan Jin Kiong** graduated with a B.Eng (Hons) in Mechanical Engineering from University of Auckland, New Zealand and MBA from University of Wales, UK.

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager (REEM) with Energy Commission Malaysia. He has 19 years of experience in facilities operation and administration, construction project, property, township and auxiliary services management at both government and private sector involved in senior management and also a quality accreditation surveyor for healthcare industries.

**Ir. Tan Jin Kiong**



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## LECTURERS

### A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga

**Ir. Gopal Narian Kutty**

**Ir. Gopal Narian Kutty** graduated with a B.Sc. (Hons) in Mechanical Engineering from University of Strathclyde, Scotland and M.Sc. in Construction Project Management from UMIST, England.

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager (REEM) with Energy Commission Malaysia. He was the former Senior Director of JKR Malaysia and the former National Project Director of Building Sector Energy Efficiency Project (BSEEP-UNDP). He has more than 30 years of experience in project management, design of mechanical system, asset management, energy auditing, energy management and sustainable construction.



**Ir. KT Lim**

**Ir. Lim Kim Ten** graduated with a B.Eng. (Hons) in Electrical Engineering from Universiti Malaya and M.Sc. in Electrical Engineering from National University of Singapore.

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM). He is an active member of the engineering community serving various capacities in IEM and other organisations. He is actively involved in standard and guidelines development with various agencies in Malaysia.



**Ir. Chong Chew Fan**

**Ir. Chong Chew Fan** graduated with B.Eng. (Hons) in Electrical, Electronics and System Engineering from Universiti Kebangsaan Malaysia.

He is a Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia (BEM) and a Registered Electrical Energy Manager (REEM) with Energy Commission Malaysia. He has more than 19 years of working experience covering design, contract administration, project management and consultancy in electrical and instrumentation services. He is also an active member in various technical committees and working group in standards and guidelines development.



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# SECOND SERIES: 5-DAY IEM ENERGY MANAGER TRAINING COURSE (EMTC) A Preparation Course for Registration as a Registered Electrical Energy Manager (REEM) with Suruhanjaya Tenaga

## REGISTRATION FORM

### Registration Fees:

Tick (✓)	Event Date
	13 - 17 June 2022
	8 - 12 August 2022

Type of Registration	Online Fees <small>*Rate stated include 6% SST</small>
IEM/AER Member	RM 4,240.00
Non-IEM/AER Member	RM 4,770.00

No	Name(s)	M'ship No. & Grade	Email Address	Mobile Number	Fee (RM)*
<b>TOTAL PAYABLE</b>					

You may make payment via **ONLINE TRANSFER** (Please forward soft copy of payment advice):-

Account Name: **IEM TRAINING ACADEMY SDN BHD**  
 Account Number: 514169143176  
 Bank Name: Malayan Banking Berhad  
 Bank Address: Jalan Sultan, 46200 Petaling Jaya, Selangor Darul Ehsan, Malaysia  
 Swift Code: MBBEMYKL

### (OR) Payment via **CREDIT CARD**

Please charge to my credit card number below the amount of RM .....

Card Type: **VISA / MASTERCARD**

Card Number:

Cardholder's Name:

Signature:

Date:

<b>Contact Person:</b>
<b>Designation:</b>
<b>Name of Organization:</b>
<b>Address:</b>
<b>Telephone No. -</b>
<b>Office:</b>
<b>H/Phone</b>
<b>Email:</b>

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