

Chairman,
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REGISTRATION FORM
ONE DAY COURSE ON INTERIOR LIGHTING DESIGN
 (Closing Date: 27th October 2018)

No	Name(s)	M'ship No.	Grade	Fee (RM)*
SUB TOTAL				
Total Payable				

*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.
 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 accepted by the
 Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid
 registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

 Signature & Stamp

 Date

Photocopies are acceptable



DATE: 30TH OCTOBER 2018

**ONE DAY COURSE ON
 INTERIOR LIGHTING DESIGN**

ORGANISED BY
 ELECTRICAL ENGINEERING TECHNICAL DIVISION, IEM
 IN COOPERATION WITH
 Malaysia International Commission on Illumination (MyCIE) &
 The Electrical and Electronics Association of Malaysia (TEEAM)

Venue: Malakoff Auditorium, Ground Floor, Wisma IEM, PJ

Time: 8.30am – 5.30pm

Speaker: Mr. Narendren Rengasamy

BEM Approved CPD/ PDP hours: 7 Ref. No.: IEM18/HQ/432/C

REGISTRATION FEES

	ONLINE	NORMAL (Offline)
IEM Student Member	RM 150.00	RM 180.00
IEM Graduate Member	RM 250.00	RM 300.00
IEM Corporate Member	RM 400.00	RM 450.00
Non-IEM Member	RM 800.00	RM 900.00

GST shall be at 0% with effect from 1 June 2018

CANCELLATION POLICY

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

COURSE SYNOPSIS

Lighting System is an extremely important expressive tool for engineers, architects, and interior designers. The design of the lighting system requires specific technical skills and knowledge of modern lighting technologies, light sources and controls, human eyes & vision, environmental influence and factors, and energy efficiency.

While standards, demands, and design application for lighting system change, the most significant change is the lamp technology. It is notable that the development of solid state lamp technology is revolutionising the lighting industry.

This Lighting Design Course aims at providing theoretical and practical background on all the necessary elements for developing a good quality and efficient lighting design in buildings. Manual calculations and design applications are introduced for case studies with building type, method of construction, orientation, and occupation, usage and location. The objective of this course is to discuss what good lighting design covers (other than just average illuminance) and also how to interpret results presented in the printouts.

ABOUT THE SPEAKER

Mr. Narendren Rengasamy is the Managing Partner of Light Energy Quality PLT. He has 14 years of working experience with cross functional expertise within the Electrical & Electronic, Manufacturing and technology- based industries. His skills include but is not limited to business turnaround & transformation, operational excellence, marketing strategy, global sourcing, product development and supply chain management. He employs a systematic approach towards analyzing, strategizing and implementing high level plans to support exponential organisational growth. He also has extensive experience in managing cross cultural, multi-site operations from Asia to Europe.

Narendren Rengasamy received his degree in Bachelors (Hons) Electrical & Electronics Engineering from University Tenaga Nasional in 2003. Mr. Rengasamy holds Masters in Engineering (Electrical Energy & Power System) from University Malaya and Masters of Business Administration (MBA) from University of Derby, UK graduating in 2010 and 2014 respectively. Currently, he pursuing his PhD in UM. Mr. Rengasamy is a corporate member of The Institution of Engineers, Malaysia and the Chairman of CIE Malaysia National Committee (Standards Malaysia) NCCIE. Narendren is passionate about green technology, alternative energy, illumination engineering & sciences, photo-biology, agriculture, health sciences and environmental engineering among others.

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.

Tentative Programme

Time	Description
9.00 am – 9.15am	Brief Overview of IEM-MyCIE-TEEAM Training Courses for Lighting System
9.15am – 10.00am	Understanding Human Eyes & Vision and Lighting Terms <ul style="list-style-type: none">Luminous flux lm – lumens, Illuminance E – Lux, Luminance L – cd/m^2, Luminous Intensity I - cd
10.00am – 10.45am	Lamps / Light Sources
10.45am – 11.00am	Tea Break
11.00am – 12.00noon	Light Quality & Efficacy
12.00noon – 1.00pm	Luminaires / Fittings <ul style="list-style-type: none">Functions, Efficiency – LOR, Types of light distribution, Beam angles, IP ratings
1.00pm – 2.00pm	Lunch
2.00pm – 3.00pm	Technical Session on Lighting Design Considerations <ul style="list-style-type: none">Manual calculations, Design Applications - Dialux
3.00pm – 3.30pm	Design Standards LG3 & LG7 <ul style="list-style-type: none">Applications, Maintenance Factor (MF), Illuminance – Lux, Uniformity, Glare – UGR, Layout, Spacing, Environment Influence
3.30pm – 3.45pm	Interpreting Results & Case Studies
3.45pm – 4.00pm	Tea Break
4.00pm – 5.00pm	Energy Efficiency, Energy Saving & ROI Selection of correct light source, light fittings and controls
5.00pm – 5.30pm	Controls <ul style="list-style-type: none">DALI, Dimming, Presence Detector
5.30pm	End

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.