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**Claimable for 2 Suruhanjaya Tenaga
 CDP hours for REEMs**

REGISTRATION FORM

**IEM – ST AWARENESS HALF DAY SEMINAR ON MEPS FOR
 MOTORS**

**: 8th November 2018, Venue : Grand Paragon Hotel, Johor Bahru
 Closing Date : 3rd November 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

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.



Venue :
Grand Paragon Hotel, Johor Bahru

Time :
8.30am – 1.00pm

Speakers :
*Ir. Assoc. Prof. Dr. Gobbi Ramasamy
 Mr. Norazrin Rypadi and
 Ms. Wan Hashimah Wan Salleh*

8TH NOVEMBER 2018

**IEM – ST AWARENESS HALF DAY SEMINAR ON
 MEPS FOR MOTORS**

Jointly Organised by
**Electrical Engineering Technical Division, IEM
 IEM Southern Branch
 & Suruhanjaya Tenaga (Energy Commission Malaysia)
 in collaboration with
 International Copper Association Southeast Asia**

BEM Approved CPD/ PDP hours: 3 Ref. No.: IEM18/HQ/458/S

Registration Fee	
	ONLINE / NORMAL
IEM Member	150.00
Non-Member	300.00
<i>GST shall be at 0% with effect from 1 June 2018</i>	

SYNOPSIS

Industrialisation and modernisation has spread rapidly among Asian countries, including Malaysia. Consequently, this implies increasing energy use and increasing emissions from factories, power plants, and automobiles, leading to environmental problems. Motors are widely used and account for a large share in industrial electricity consumption. Hence, the energy performance of these motors has a significant impact on the total electricity consumed.

Suruhanjaya Tenaga (Energy Commission Malaysia) has established the Demand Side Management Unit under the Energy Management & Industry Development Department to promote and regulate energy efficiency (electrical) in Malaysia. On 3rd May 2013, the Ministry of Energy, Green Technology and Water Malaysia has gazetted the implementation and enforcement of Minimum Energy Performance Standards (MEPS) for electrical equipment which must satisfy both the MEPS safety and performance requirements.

The introduction of MEPS ensures that the inefficient motors do not enter the local market and greatly helps to increase the market share of High Efficiency Motors (HEMs). Furthermore, financial incentives and regulatory policies are also established to achieve energy conservation and emission reduction targets.

IEM Electrical Engineering Technical Division, IEM Penang Branch & Suruhanjaya Tenaga (Energy Commission Malaysia) have co-organised “**IEM-ST Awareness Seminar on Minimum Energy Performance Standards (MEPS) For Motors**” in collaboration with International Copper Association which will focus on informing participants about the overview of MEPS guidelines for High Efficiency Motors (HEMs). This seminar will bring together industry experts, equipment manufacturers and suppliers, plant owners, developers, engineering firms, and academic institutions, to benefit from large group gathering and focusing on the discussion of efficient energy management and waste reduction.

SPEAKERS' INFORMATION



Market Research Study for Opportunities for High Efficiency Motors (HEMs) in Malaysia Industries

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

Ir. Dr. Gobbi has a Ph.D. from Multimedia University Malaysia in the area of torque control of switched reluctance motors. He received his Bachelor's degree in Electrical Engineering from University of Technology Malaysia and his Master's degree in Technology Management from the National University of Malaysia. He is an associate professor in faculty of Engineering, Multimedia University, Malaysia. He is also a consultant providing solutions for many problems associated to electric motors and drives system for various industries. He has published more than 70 technical papers in international journals, conferences and magazines. He is a corporate member of the IEM, a professional engineer registered to BEM, Electric Energy Manager Registered to Energy Commission, Malaysia, and a Senior Member of IEEE, US.

Overview of MEPS Guidelines for High Efficiency Motors (HEMs)

by **Mr. Norazrin Bin Rupadi**

Mr. Norazrin has 8 years' experience involvement in Energy Management and Energy Efficiency. Prior working with Suruhanjaya Tenaga, He is an Executive in Private Energy Management Consultant company before starting his career with Suruhanjaya Tenaga in 2011. Work expertise including Energy Efficiency Project evaluation, Energy Management & Energy Efficiency implementation action plan and Development of Energy Efficiency criteria for Electrical Appliances under Minimum Energy Performance Standard (MEPS). He is also a Certified Measurement & Verification Professional by The Association of Energy Engineers, International Performance Measurement and Verification Protocol (IPMVP).

Facilities and Incentives for Green Technology Industry

by **Ms. Wan Hashimah Wan Salleh**

Wan Hashimah Wan Salleh has served in various industries and division in MIDA since 1995. Between 2007 and 2009, during her tenure as Director of MIDA Penang State office, she was responsible in assisting investors (both domestic and foreign) in relation to various aspect of investing operations such as site selection, liaison with the state and federal agencies, utilities providers until post licencing activities. Subsequently Ms. Wan Hashimah went on to serve in few divisions such as FDI Div Europe, Building Technology and Lifestyle, Healthcare, Education and Hospitality, Incentive Coordination and Collaboration Office (ICCO) Division. She is currently the Director of Green Technology Division, MIDA. Ms Wan Hashimah graduated from MARA University of Technology (UiTM) with Bachelor (Hon.) in Business Studies, major in Marketing.

Tentative Programme

08:30 – 09:00	Registration & Refreshments	
09:00 – 09:15	Welcoming Speech by IEM Southern Branch Chairman	
09:15 – 10:15	Market Research Study for Opportunities for High Efficiency Motors (HEMs) in Malaysia Industries	Assoc. Prof. Ir. Dr. Gobbi Ramasamy
10:15 – 10:45	<i>Coffee Break</i>	
10:45 – 11:45	Overview of MEPS Guidelines for High Efficiency Motors (HEMs) by ST	Mr. Norazrin Bin Rupadi
11:45 – 12:45	Facilities and Incentives for Green Technology Industry by MIDA	Ms. Wan Hashimah Wan Salleh
12:45 – 13:00	Q & A Session	
13:00 – 14:00	<i>Lunch</i>	

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.

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.