

Chairman,
 Electrical Engineering Technical Division,
 The Institution of Engineers Malaysia,
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REGISTRATION FORM

ITEM – ST AWARENESS HALF DAY SEMINAR ON MEPS FOR MOTORS

**: 19th November 2019, Venue: Four Points by Sheraton, Puchong
 Closing Date : 16th November 2019**

| No | Name(s) | M'ship No. | Grade | Fee (RM)* |
|---------------|---------|------------|-------|-----------|
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| | | | | |
| | | | | |
| 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: _____

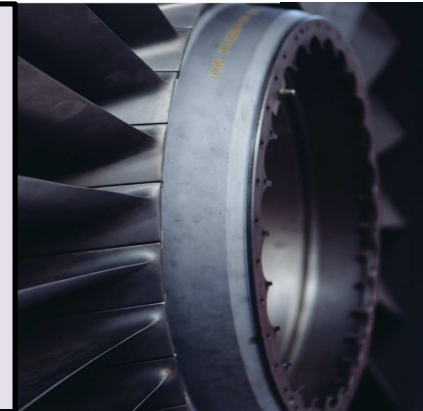
 Signature & Stamp

 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:
 Four Points, by Sheraton, Puchong

Time:
 8.30am – 1.00pm

Speakers:
 Ir. Assoc. Prof. Dr. Gobbi Ramasamy,
 Puan Hafiza Yob , Mr. Gogielan Nantha
 Kumar, and Murilo Logullo Machado

ST CDP FOR REEM IN PROGRESS

19TH NOVEMBER 2019
ITEM – ST AWARENESS HALF DAY SEMINAR ON MEPS FOR MOTORS
Jointly Organised by
 Electrical Engineering Technical Division (IEM EETD), Suruhanjaya Tenaga (ST) and MIDA in collaboration with International Copper Association Southeast Asia

BEM Approved CPD/ PDP hours: 3.5 Ref. No.: IEM19/HQ/543/S

| Registration Fee (Subject to 6% SST) | |
|--------------------------------------|-----------------|
| | ONLINE / NORMAL |
| IEM Member | 150.00 |
| Non-Member | 300.00 |

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 Pn. Hafiza Yob

Ms. Hafiza bte Yob is currently the Senior Assistant Director at Energy Commission Malaysia. Her career begins in Suruhanjaya Tenaga when I joined the Commission in 2002, the early years of the Commission's establishment. She was put under the Licensing Unit, Department of Electricity Supply to handle the process of renewable energy project application starting from getting the approval up until the project granted with the generation licence. Later transferred to the Consumer Services and Metering Unit within the same Department in 2008 to take charge of consumer services matters including handling complaints and developing the metering guidelines for the electricity supply. She was highly involved in the development of Malaysian Standards for the Electrical



Energy Meter and came out with the standards to be used by the industry. Since 2009, she was highly involved in the development of MEPS for electrical appliances including HEM motors. She also involved in the drafting of Energy Efficiency and Conservation Act and MEPS Regulation that will enable Suruhanjaya Tenaga to fully enforce on the energy efficiency and conservation activities.

Facilities and Incentives for Green Technology Industry

by Mr. Gogielan Nantha Kumar



Mr. Gogielan graduated from University of Malaysia in Bachelor of Economic in 2004 and Master of Economic 2012. He has held numerous posts in MIDA at ICT and Electrical Division and was responsible to evaluate application for Manufacturing License, Incentive and expatriate post and promotional activities on the specific industries. From 2013 he was attached in Green Technology Division and involved in evaluating incentives and expatriate posts for renewable energy, energy efficiency and waste management. He was involved providing inputs and in formulation and review policies, strategies and guidelines for Green Technology Incentive, as well as preparation of incentives proposal for Annual

Budget. Currently he is the Senior Assistant Director at Green Technology Division at MIDA.

Sustainable Energy Management System Development and Implementation by Mr.

Murilo Logullo Machado



Murilo Logullo Machado Holding a Mechanical Engineering degree he had the chance to acquire practical knowledge working as site engineer in the beginning of his career, later on assuming different positions, accumulating 25 years of experience on large rotating electric machines - AC motors, and Synchronous motors and generators. For the last 3 years Murilo has been working in Malaysia as Managing Director of WEG South East Asia.

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.

Tentative Programme

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|----------------------|--|-------------------------------------|
| 08:30 – 09:00 | Registration & Refreshments | |
| 09:00 – 09:15 | Welcoming Speech by IEM EETD Chairman | |
| 09:15 – 10:00 | Market Research Study for Opportunities for High Efficiency Motors (HEMs) in Malaysia Industries | Assoc. Prof. Ir. Dr. Gobbi Ramasamy |
| 10:00 – 10:25 | Coffee Break | |
| 10:25 – 11:10 | Overview of MEPS Guidelines for High Efficiency Motors (HEMs) | Pn. Hafiza Yob, ST |
| 11:10 – 11:55 | Facilities and Incentives for Green Technology Industry | Mr. Gogielan Nantha Kumar, MIDA |
| 11.55 – 12.40 | Sustainable Energy Management System Development and Implementation | Mr. Murilo Logullo Machado |
| 12:40 – 13:10 | Forum Discussion | |
| 13:10 – 14:00 | Lunch | |