

Talk on "Importance of Power Quality and How we overcome Harmonics, RFI Emissions, and Surge in our Electrical System"

Organised by the Consulting Engineering Special Interest Group, IEM
BEM Approved CPD/PDP Hours: 2 Ref No. IEMHQ/653/T

Date : 14th December 2019

Time : 9.00am to 11.00am

Venue : C&S & TUS Lecture Hall, 2nd Floor Wisma IEM

Speaker : *Ir. S. Vignaeswaran, PEPC (Malaysia) RPEQ (Australia)*
& *Mr Edmund Wan Chee heng*

SYNOPSIS

The purpose of this course is to introduce the Power Quality Solutions available and describe the EMC problematic normally found in the automation, with reference to harmonic emission, RFI emission, motor protection, surge protection.

The course will include the description of the international standards, the different solution for solving EMC problems with several examples of practical applications.

Biodata: 1 – Ir. S. Vignaeswaran

He has a wide area of (electrical) engineering experience in the Oil & Gas Building Services, Utility, and Mining. He has designed in a USD 3 billion dollar Saudi Arabian King Saud University project. He has a high passion for cross-discipline applications, automation, advanced information systems, tendering and project management. With a formal education in Electrical Engineering from Monash University, Australia, 1989, S. Vignaeswaran has gone on to obtain his Masters of Science in Business Information Systems / Information Technology from University of Keele, United Kingdom. His MSc (BIS/IT) thesis in 2002 was on the development of a Web-based SCADA system.

Biodata: 2

Edmund Wan holds the position of General Manager with Electrimec Asia Pacific Pte Ltd. He graduated from the Management Institute of Singapore with a Diploma in Sales and Marketing and a graduate Diploma in Engineering from the Singapore Polytechnic.

Edmund Wan has accumulated more than 25 years of experience in theoretical and practical applications in the electrical industry. He has worked with companies like Telemecanique (Schneider) and Fuji Electric in the motor control and automation industry since 1993. He is involved in Power Quality Solution, Power Factor Correction and Capacitors industry for the past nine years and has gained in depth knowledge in EMC Interference, capacitor design and applications.

Ir. S. Vignaeswaran

Chairman

Consulting Engineering Special Interest Group, IEM

FEE ANNOUNCEMENT

(Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM15
 - (b) Walk-In RM20

Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

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