

REGISTRATION FORM

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REGISTRATION:

Name(s)	IEM M'ship No. / Grade	Fees (RM)
Total Amount Payable		

Company: _____

Address: _____

Mobile: _____ Tel(O): _____ Fax: _____

E-mail: _____

(Please write clearly as the "Confirmation Notification" will be sent via email)

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS Cash RM _____ Cheque no. _____ for the amount of RM _____
(non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA"
and crossed 'A/C Payee Only'.**Terms & Conditions:**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via Credit Card]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made before the closing date** at the latest.
- If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- **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. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organising 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.



Organised by:

Mechanical Engineering Technical Division,
The Institution of Engineers, Malaysia

ONE-DAY COURSE IN "INTRODUCTION AND APPLICATION OF INDUSTRIAL AUTOMATION"

By:

Ir. Dr. Tan Chee Fai & Mr. Danny Lim Thiam Lai

27 August 2014 (Wednesday)

9.00am – 6.00pm

Venue:

C&S & TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya**REGISTRATION FEES**

Grade	Normal Fee	Online Fee
IEM Student Member	RM 100.00	RM 80.00
IEM Graduate Member	RM 250.00	RM 200.00
IEM Corporate Member	RM 350.00	RM 300.00
Non IEM Member	R M 600.00	RM 500.00

Closing Date: 24 August 2014**BEM Approved CPD/PDP Hours: 7.5****Ref. No: IEM14/HQ/255/C**

SYNOPSIS

This one-day course aims to provide a fundamental understanding of PLC application in Building Services and Manufacturing Services. It covers the popular automation applications like lift control system, parking system, automatic storage & retrieval system, data acquisition and robotics. In addition, the course will also include hands-on training on PLC ladder programming and basic electrical wiring training.

Who Should Attend?

The course is designed for Engineers, Technician, Lecturer and Students that involved and interested in the automation and control. The course provides a sound grounding in effective practices of PLC.

The course is applicable to a wide range of disciplines and areas including:

<i>Engineering and Manufacturing</i>	<i>Industrial Automation</i>
<i>Mechanical and Electrical</i>	<i>Building Services</i>
<i>Control Systems</i>	<i>Machine maker</i>
<i>Building automation</i>	<i>Private and public sector, etc.</i>

TENTATIVE PROGRAMME

0830 - 0900	Registration
0900 - 1030	Introduction to PLC - Speaker : Ir. Dr. Tan Chee Fai
1030 - 1045	Tea break
1045 - 1300	Introduction to PLC programming software Introduction to Logic Control Hands-on Exercises - Speaker : Ir. Dr. Tan Chee Fai
1300 - 1400	Lunch
1400 - 1530	Introduction to Basic Instructions Introduction to Timer Functions Hands-on Exercises - Speaker : Mr. Danny Lim Thiam Lai
1530 - 1545	Tea Break
1545 - 1730	Introduction to Counter Functions Hands-on Exercises - Speaker : Mr. Danny Lim Thiam Lai
1730 - 1800	Questions and Discussions
1800	Closure

BIODATA OF THE SPEAKER

Ir. Dr. Tan Chee Fai is a practising mechanical consultant, researcher and academician. He is graduated with Bachelor of Engineering (Mechanical) and M. Sc. (Manufacturing Systems Engineering) from Universiti Putra Malaysia (UPM), as well as PhD in Industrial Design Engineering from Eindhoven University of Technology (TU/e), the Netherlands. He is a registered Professional Engineer (Mechanical) with Board of Engineers, Malaysia (2006) and a member of Institution of Engineers, Malaysia (2005). He actively involved in academic, publication, consultation as well as research, design and development activities. His field of expertise covers the aspects of mechanical engineering, industrial design engineering, artificial intelligence, transportation engineering, industrial automation and human-technology interaction design. He has lead numbers of university and Malaysia Government funded projects as well as international funded projects. He has published more than 100 publications in international and local journals and conference proceedings that related to mechanical engineering. He is actively involved in Institution of Engineers, Malaysia since 1998, where he is the member of various committees such as Executive Committee Member, Council Member, Hon. Sec./Treasurer of METD, G&S, etc. within IEM HQ and current Vice Chairman of IEM Melaka Branch.

Mr Danny Lim Thiam Lai has more than 20 years of experience in electrical control systems. He is the founder of Intellogic Technology Sdn. Bhd. and Intellogic System Sdn. Bhd. A leading group of companies actively involved in advance control technology. Currently, he also the authorised trainer in some leading universities and colleges in Malaysia. He is graduate with Bachelor of Applied Science (Hons) in 1990 and MSc (Industrial & Manufacturing) in 2004. He has vast experience in design and construction of advance control systems both for buildings and manufacturing industries. Prior to his set up of Intellogic Technology, he was the senior engineer for Fujitsu Microelectronics (Malaysia) Sdn. Bhd. and was trained in Fujitsu Japan for more than a year on all aspects of advance control technology.

Further Enquiries

If you require further details or clarifications kindly contract the IEM Secretariat at:-

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The Institution of Engineers, Malaysia

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