

Chairman,
Electrical Engineering Technical Division,
The Institution of Engineers Malaysia,
Lots 60 & 62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-7968 4001/2 Fax to 03-7957 7678 (Email : valli@iem.org.my)

REGISTRATION FORM
ONE DAY SEMINAR ON
POWER DISTRIBUTION IN BUILDINGS
(BROUGHT FORWARD TO
7TH MAY 2018 (Monday)
(Closing Date: 4th May 2018)

No	Name(s)	M'ship No.	Grade	Fee (RM)*
SUB TOTAL				
ADD GST @6%				
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



BROUGHT FORWARD TO
7TH MAY 2018

ONE DAY SEMINAR ON
POWER DISTRIBUTION IN BUILDINGS

ORGANISED BY
ELECTRICAL ENGINEERING TECHNICAL DIVISION, IEM
IN COOPERATION WITH
LARSEN & TOUBRO LIMITED

Venue: Malakoff Auditorium, Ground Floor, Wisma IEM, PJ
Time: 8.30am – 5.30pm
Speaker: Mr. Sanjay Aggarwal

BEM Approved CPD/ PDP hours: 7 Ref. No.: IEM18/HQ/108/S

REGISTRATION FEES (SUBJECT TO 6% GST)

	ONLINE	NORMAL (OFFLINE)
IEM Student Member	RM50.00	RM80.00
IEM Graduate Member	RM150.00	RM200.00
IEM Corporate Member	RM250.00	RM300.00
Non-IEM Member	RM500.00	RM600.00

GST will be implemented with effect from 1 April 2015

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.

SYNOPSIS

The technical session “Power Distribution in Buildings” has been designed with keeping in view of the diverse human needs for the buildings which are people oriented and public oriented. The programme gives an insight to the engineers working on electrical systems in Power Systems in Projects, e.g. Residential Buildings, Commercial Complexes, Hotels, Hospitals, etc. As such, this programme is created to understand the selection of switchgear and controls in a better way in a Power System with respect to the Modern Buildings.

Man has always been capable of evolving new methods and techniques to overcome his difficulties. In earlier times means were primitive but with advancement of technology, applications and man’s own disciplines and controls, situation is redeeming yet quite alarming in many fields.

Of all fields, role of switchgear is to distribute electricity safely and efficiently to various electricity closets throughout buildings. It should be considered that buildings with complex electrical systems may have multiple transformers, DGs, which feed multiple pieces of switchgear.

After leaving the Distribution Transformer, the power is transmitted into buildings which makes it a system comprising all points, wirings and panels, which, plays a pivotal role. Henceforth, keeping in view, the speaker will cover the design parameters relevant to large buildings, procedure of load estimation; sizing of transformers and DG sets. Low voltage switchgears- MCBs, BBT, ELCBs. Fault current calculations, earth basics and relevant IE rules.

ABOUT THE SPEAKER

Mr. Sanjay Aggarwal, has a degree in B.Tech, graduated in 2002 and holds M.Tech., Electrical Engineering, with specialization in Electrical Machines & Power Systems. He is also a Certified Energy Manager and Certified Energy Auditor with “Bureau of Energy Efficiency” (BEE) under Ministry of Power India. Mr. Agarwal has done multiple graduations and post-graduation programs in Engineering & Management. He has more than 27 years of experience in the various “Operations & Locations” such as R&D, Design, Marketing, Sales, Projects, Channel Management, Industrial Automation, Switchgear Training Center in various companies

As the head of Larsen & Toubro Switchgear Training Center Delhi, he is a regular and sought-after facilitator for the various organizations such as NTPC, CPWD, PWD, FICCI, CBIP & Technical and management institutes. He has already conducted the International Technical Training Programs as well and has good exposure to international clients and participants. Sanjay has developed many applications on Technical as well as non-Technical Programs, Training Modules & Courses on

- Design of Control Schemes,
- Earthing Systems,
- Conservation and Management of Electrical Energy (Energy Audit),
- Automatic Source Transfer Systems &
- Power Distribution Systems in Modern Buildings
- Emerging Trends in LV Switchgears

In his present profile, he is also spearheading and driving a campaign with the help of DTTE Department of Training & Technical Education - Government of India (NCT) for the Technical Institutes & Engineering Colleges to help students to bridge the gap between Institutes and Industries as well as to enhance their employability. For the engineering institutes, he has designed “A Series of Train the Trainer” programmes to train the faculties with proper exposure and with proper hands-on practical training programmes. For this Socio-Economic & Educational Contribution to the Cause, has been conferred the “Award of Honour” for this Outstanding Contribution has also been Conferred to him.

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	Welcome Remarks and Introduction to Power Distribution
9.15am – 10.00am	Load Estimation & Maximum Demand Calculations
10.00am – 10.45am	Sizing Of Transformer
10.45am – 11.00am	Tea Break
11.00am – 12.00noon	Fault Level Calculations
12.00noon – 1.00pm	LV Switchgear Selection
1.00pm – 2.00pm	Lunch
2.00pm – 3.00pm	LV Switchgear Selection Continued...
3.00pm – 3.30pm	Wire Selection
3.30pm – 3.45pm	Tea Break
3.45pm – 5.00pm	Cable & BBT Selection
5.00pm – 5.30pm	Question & Answer Session
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.