


# IEM-SURUHANJAYA TENAGA-TEEAM NATIONAL ELECTRICAL SAFETY VIRTUAL CONFERENCE 2021

ADVANCING THE ELECTRICAL SAFETY CULTURE & STANDARDS

 **500+**  
PARTICIPANTS


 **25 NOVEMBER**  
2021

 **GOTOWEBINAR**  
PLATFORM

Jointly organised by the Institution of Engineers, Malaysia (IEM), Suruhanjaya Tenaga (ST) - Energy Commission of Malaysia, and The Electrical & Electronics Association of Malaysia (TEEAM), the conference intends to provide an effective platform to drive cross-border flows and mobility of engineering technology and services, to share and exchange knowledge and experiences, as well as practical challenges encountered, and solutions adopted in the fields of electrical safety for domestic, industrial and commercial sectors.

**DATE** 25 NOVEMBER (Thursday)

**TIME** 8:30 a.m. - 5:00 p.m. (GMT +8)

 The Institution of Engineers,  
Malaysia (IEM)  
Bangunan Ingenieur, Lot 60 & 62  
Jalan 52/4, P.O. Box 223, 46720  
Petaling Jaya, Selangor, Malaysia

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# IEM-SURUHANJAYA TENAGA-TEEAM NATIONAL ELECTRICAL SAFETY VIRTUAL CONFERENCE 2021

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## WHY YOU SHOULD ATTEND

**2021 IEM-ST-TEEAM National Electrical Safety Virtual Conference** is an important event which allows you to gain expert insights on the latest electrotechnical standards, technology, best practices, accelerating improvements in electrical safety standards and regulations, and engineering challenges & opportunities with participants from the general public, engineering professionals, government officials & policy makers, standards organisations, manufacturers, suppliers & solution providers, owners & operators (industries such as oil & gas, petrochemical, healthcare, pharmaceutical, metal processing, vehicle manufacturing, food processing, refineries, manufacturing, etc.) on all aspects of Electrical Safety for domestic, industrial, and commercial sectors.

Jointly organised by the Institution of Engineers, Malaysia (IEM), Suruhanjaya Tenaga (ST) - Energy Commission of Malaysia, and The Electrical & Electronics Association of Malaysia (TEEAM), the conference intends to provide an effective platform to drive cross-border flows and mobility of engineering technology and services, to share and exchange knowledge and experiences, as well as practical challenges encountered, and solutions adopted in the fields of electrical safety.

The virtual conference will feature keynotes and presentations on the following themes: Electrical Safety for Domestic and Electrical Safety for Industrial and Commercial.

One of the highlights of the virtual conference is the forum discussion on "Electrical Safety", which is designed to create an impact to connect the participants with industry experts in an interactive and engaging environment.

**CONNECT . EXCHANGE . IMPACT**

## Tentative Programme

25<sup>th</sup> November 2021 (Thursday) – Virtual Conference

Time	Programme
8:30 AM	Registration and Webinar Setup for National Electrical Safety Virtual Conference 2021
9:00 AM	<i>Welcome Speech</i> <b>Ir. Ong Ching Loon</b> President of the Institution of Engineers, Malaysia (IEM)
9:10 AM	<i>Keynote</i> <b>En. Abdul Razib Bin Dawood</b> Chief Executive Officer, Suruhanjaya Tenaga (ST)
9:30 AM	<i>Industrial and Residential Electrical Safety Guidelines and CoP</i> <b>Ir. Md Zakuan Bin Ibrahim</b> Director of Safety Regulation, Suruhanjaya Tenaga (ST)
10:00 AM	<i>Coffee Break</i>
	<b>ELECTRICAL SAFETY FOR DOMESTIC</b>
10:15 AM	<i>Revisiting Principles &amp; Applications of RCD</i> <b>En Dahari Mat Siran</b> <i>The Electrical &amp; Electronics Association of Malaysia (TEEAM)</i>
10:45 AM	<i>Electrical Safety during Natural Disasters and Emergency Situations</i> <b>Speaker TBC</b> Suruhanjaya Tenaga (ST)
11:15 AM	<i>The Hidden Killer in Your House</i> <b>Ir. Lee Chong Kiow</b> The Institution of Engineers, Malaysia (IEM)
11:45 AM	<i>Forum Discussion: "Electrical Safety in Your Home &amp; Tips to Protect Your Home and Family"</i> <b>Moderated by Alex Looi Tink Huey</b> The Institution of Engineers, Malaysia (IEM)
12:30 PM	<i>Lunch Break</i>
	<b>ELECTRICAL SAFETY FOR INDUSTRIAL AND COMMERCIAL</b>
1:30 PM	<i>Electrical Design Best Practices and Guidelines for Public and Government Buildings</i> <b>Ir. Siti Nor Binti Hassan</b> Jabatan Kerja Raya (JKR)
2:00 PM	<i>National Occupational Accident Statistics 2020</i> <b>Ir. Ts. Dr. Majahar bin Abd Rahman</b> Department of Occupational Safety and Health Malaysia (DOSH)
2:30 PM	<i>Best Practices in Low Voltage (LV) Electrical Installations with emphasis on Electrical Safety Requirements of Solar PV Power Supply Systems, Supplies for EV (Charging), Protection Against Electrical Surges &amp; Electrical Design for Disabled Person</i> <b>Ir. Lim Kim Ten</b> The Institution of Engineers, Malaysia (IEM)
3:00 PM	<i>Coffee Break</i>
3:15 PM	Electrical Safety in DN: The 7 pillars <b>Ir. Azhar bin Abu Bakar</b> Tenaga Nasional Berhad (TNB)
3:45 PM	<i>Safety Testing of Electrical Appliances and Electronic Devices</i> <b>Ir. Anita Marzuki</b> SIRIM QAS International Sdn Bhd
4:15 PM	Question and Answer Session
4:50 PM	<i>Closing Speech</i> <b>Ir. Lee Cheng Pay</b> Chairman of IEM Electrical Engineering Technical Division (IEM EETD)
5:00 PM	Virtual Conference Ends

## VIRTUAL CONFERENCE REGISTRATION

The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lot 60&62, Jalan 52/4, P.O. Box 223 (Jalan Sultan)

46720 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA

Tel. No.: +(603) 7968 4001 Fax No.: +(603) 7957 7678

REPLY SLIP Fax: 03-7957 7678 Email: alex.looi@live.com.my / sitiaisyah@iem.org.my

BEM Approved CPD / PDP hours: **TBC**

Ref. No.: **TBC**

**E-Cert will be issued to participants after the virtual conference**

### Conference Registration Fee

Category	Registration Fee (Subject to 6% SST & Non-Refundable)
<b>Participants</b>	<b>One Day</b>
IEM Student Member	RM 50
IEM Graduate Member	RM 100
IEM Corporate Member	RM 150
Non-IEM Member	RM 200

No.	Name of Participant(s)	Amount
1.		
2.		
3.		
4.		
5.		
6.		
	Sub-Total Amount	
	GRAND TOTAL	



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## **PARTICIPANTS PROFILE**

- Government Officials and Policy Makers
- Government Energy and Regulatory Departments
- General Public
- Engineering Competent Persons
- Engineering Consultants and Practitioners
- Engineers and Technologists from industries such as oil & gas, petrochemical, healthcare, pharmaceutical, metal processing, vehicle manufacturing, food processing, refineries, manufacturing, etc
- Manufacturers and Suppliers of Industrial and Allied Equipment
- Engineering Universities Faculties and Students
- Technical and Vocational Education and Training Faculties
- General Contractors
- Facility Managers and Power Industry OEMs

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