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**"WFEO CIC INTERNATIONAL SEMINAR 2017"**

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### Seminar Details:

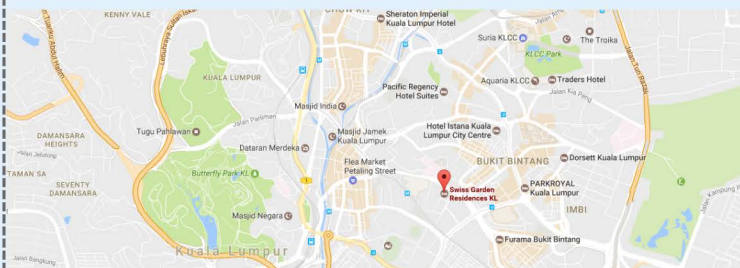
Date: 13/05/2017

Time: 10:00 to 17:00 hrs

### Venue:

**Swiss-Garden Hotel**

117, Jalan Pudu,  
Kuala Lumpur, Malaysia



**The Institution of Engineers,  
Malaysia**

Bangunan Ingenieur,  
Lot 60/62,  
Jalan 52/4, Peti Surat 223  
(Jalan Sultan),  
46720 Petaling Jaya,  
Selangor Darul Ehsan,  
Malaysia.



**The Institution of Engineers,  
India**

8, Gokhale Road,  
Kolkata - 700 020  
India

## WFEO-CIC INTERNATIONAL SEMINAR

on

**INTERNET OF THINGS  
(IoT)**



### Venue:

**Swiss-Garden Hotel**

117, Jalan Pudu,  
Kuala Lumpur, Malaysia

Date: 13/05/2017



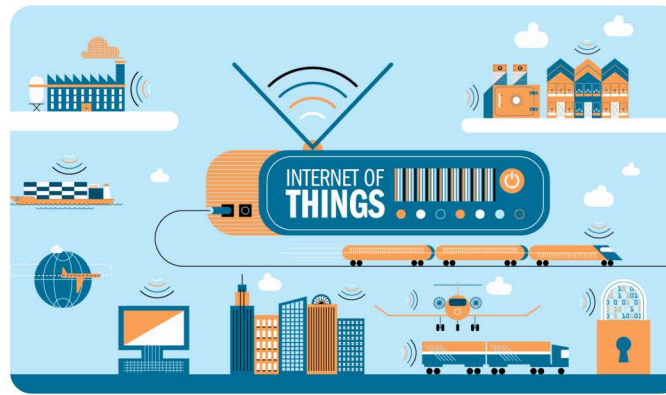
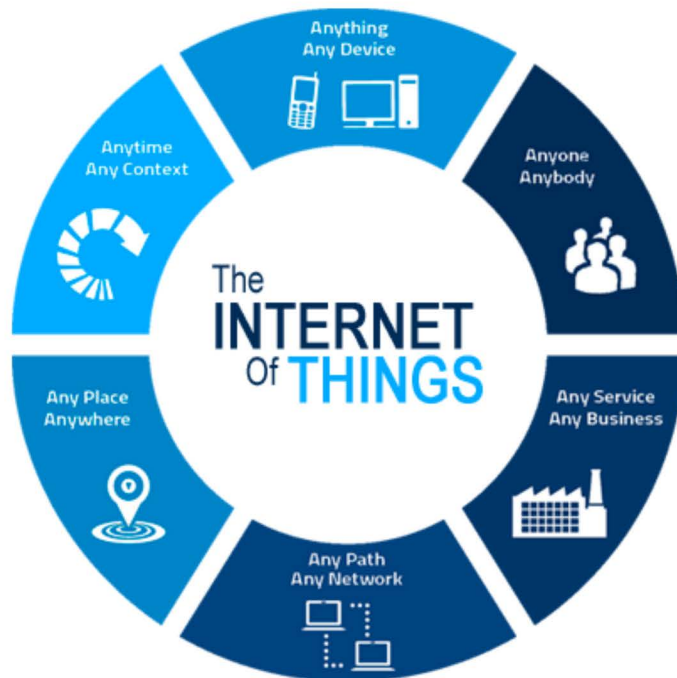
# INTERNET OF THINGS (IoT)

## SEMINAR INTRODUCTION

IoT is a rising topic of technical, social, and economic implication. User products, durables, cars and trucks, industrialized and utility elements, sensors, and other routine objects are being aggregated with Internet connectivity and powerful data analytic abilities that promise to change the way we work, live, and play. Projective impact of IoT on the Internet and economy are astonishing, with some anticipated of as many as 100 billion connected IoT devices and globalize economic impact of more than \$11 trillion by 2025.

IoT conjures substantial challenge which can stand in the way of recognising its possible benefits. Attention-grabbing headlines about the hacking of Internet-connected devices, observing concerns, and privacy fears already have captured public attention. Technical challenges remain and new policy, legal and development challenges are emerging.

This International seminar is a powerful and inspirational event that brings together industry representatives, makers, vendors, experts, developers and others to plan, learn, network, collaborate, strategize and more effectively tap into the immense potential of the IoT domain.



## KEY THEMES DISCUSSED AT THIS CONFERENCE

- Future of IoT development
- Operational challenges and opportunities
- Sectors - Transport systems, Smart Cities, Water.
- Real World IoT & IIoT on business solutions



## ABOUT THE HOST

The World Federation of Engineering Organizations is an international, non-governmental organization representing the engineering profession worldwide. Founded in 1968 by a group of regional engineering organizations, under the auspices of the United Nations Educational, Scientific and Cultural Organizations (UNESCO) in Paris, the World Federation of Engineering Organizations (WFEO) brings together national engineering organizations from over 90 nations and represents some 20 million engineers from around the world.

The WFEO has formed 10 standing technical committees dealing with various subjects with a focus on Sustainable Development Goals (SDG) and other United Nations objectives. One of the committees is Information and Communication (CIC) which has its objectives as technological advancements for sustainable development, especially in the context of the UN SDG.

WFEO-CIC is working to contribute to the following SDG's;

- End hunger, achieve food security and improved nutrition and promote sustainable agriculture (Goal no.2)
- Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all (Goal no.4)
- Take urgent action to combat climate change and its impacts (Goal no.13)
- Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss (Goal no.15)
- Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels (Goal no.16)  
Strengthen the means of implementation and revitalize the global partnership for sustainable development. (Goal no.17)

WFEO-CIC, the Standing Committee on Information and Communication (CIC) - holds as a duty to help lead forward Information and Communication Technology (ICT) in order for it to be applied globally, and focuses on developing countries where narrowing the gap has become essential. The CIC has the responsibility for fulfilling the tasks allocated by WFEO in accordance with the WSIS/WSSD Solutions and the United Nation's Sustainable Development Goals.

The STC's of CIC is hosted by the IEI (Institute of Engineers (India)) for the present term of 4 years, which will end in November 2019. The Institution of Engineers (India) - IEI, the architect of professionalism in the India - is a unique professional body of engineers. Established in 1920 with its headquarters at Kolkata, India, IEI was incorporated by Royal Charter in 1935 - only professional body in India to have been bestowed upon this honour. The Institution of Engineers (India)-IEI, is a respected and unique professional body of engineers with a wide membership spectrum across 14 engineering disciplines. It has a corporate membership of 1,73,553 and a non-corporate membership of 6,13,027.

WFEO-CIC is holding this seminar in association with Institute of Engineers, Malaysia (IEM)

The Institution of Engineers, Malaysia (IEM) was established in 1959 and its primary function is to promote and advance the science and profession of engineering in any or all of its disciplines and to facilitate the exchange of information and ideas related to engineering. Membership of the Institution is currently about 30,000 and the growth rate is about 10% per annum making it one of the largest professional organization in the country.