The Institution of Engineers, Malaysia

SEMINAR ON

"ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) GOALS VIA UVC & IOT TECHNOLOGIES AS A GREEN APPROACH"

BEM Approved CPD: Applying **Ref No : Applying**

Organised by: Environmental Engineering Technical Division, IEM

In Collaboration with :
Green Insights Sdn Bhd & Signify (Malaysia) Sdn Bhd (Formerly known as Philips Lighting)

SUSTAINABLE SOLUTIONS

Signify PHILIPS

Speakers :

Ir. Thirunavukkarasu P.E.MIEM, REEM, GBIF

Mr Gaurav Yadav & Mr Nitin Bahl (Philips/Signify)

REGISTRATION FEE (Subject to 6% SST – Effective 1st March 2019)	
	FEE (RM)
IEM Members	70.00
Non-IEM Members	100.00

(Partly fees is being sponsored)

STRICTLY REGISTRATION AND PAYMENT VIA IEM ONLINE ONLY & NO WALK-IN ALLOWED

Closing date : 21 May 2022

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Register Online at www.myiem.org.my

Date : 28 May 2022 (Saturday)
Time : 9AM - 3PM
Venue : Malakoff Auditorium, Wisma IEM, Petaling Jaya
(LIMITED TO 65 SEATS ONLY 'FIRST-COME-FIRST Registration BASIS')

SYNOPSIS

Overview : ESG Opportunities via Technologies

Climate change caused by greenhouse gas emissions (including carbon) poses significant investment opportunities and risks. A company's ability to reduce emissions and mitigate carbon risk using various management strategies and technologies is deducted from their overall carbon risk exposure. Exposure of company-level information empowers investors with sustainability information on the individual companies they hold and illuminate company activities that may have unintended or undesired environmental or social effects.

1.Shininga Light on UV Technology – Enhancing Safety and Confidence in a world of uncertainty

Ultraviolet light in the C spectrum (UV-C) radiation has been used safely and effectively in many applications that can break the DNA/RNA of bacteria, viruses, and spores, meaning that they leave them harmless to humans. All bacteria and viruses tested to date respond to UV-C disinfection.

Exposure to UV-C light can cause a severe sunburn-like reaction to your skin and damage the superficial tissue of eye (photo keratitis). Therefore, any application and usage of UV-C lamps and devices must be designed with upmost safety in mind.

Therefore, this session will introduce innovative UVC technology for SAFE disinfection of air and surface application. This includes focus on design criteria, sizing, and selection for UV-C lamps and an overview of several standards and guidelines for safeguards for the use of UV-C designed equipment.
The speaker will also share design examples and good practices as use cases.

2.IOT Connected lighting as a Green approach.

IOT, Connected Lighting refers to LED Lights with integrated sensors and connected to application software. New insights gained via data collected from connected lighting system is at the heart of Interact IOT System. Intelligent lighting transforms any workspace into a smart and sustainable work place, and as a result building becomes more efficient. Connected LED Lighting Delivering IOT ecosystem can and do make your city smarter and more livable. Such systems also enhance safety, increase operational efficiency and reduce energy, allowing one to reinvest the savings into green sustainable solutions to meet ESG Goals.

SPEAKER'S PROFILE

1) Overview : ESG Opportunities via Technologies

Technical Director – Green Insights Sdn Bhd

Ir. Thirunavukkarasu graduated from (UTM) with a Bachelor of Electrical Engineering (Honours) and is a Professional Engineer registered with Board of Engineers Malaysia. He's also a Corporate Member of Institution of Engineers Malaysia. Accredited GBI Facilitator & Registered Energy Manager with ST (REEM). Currently he is a Director and CEO of GSIB Engineering Sdn Bhd and Technical Director of Green Insights Sdn Bhd.

2) UVC Technologies

Customer Segment Director - Professional Trade Signify Malaysia Sdn Bhd

Mr Nitin Bahl is responsible for leading Business and developing the growth strategy for Southeast Asia, Pacific and Far East. Responsible for launching key growth initiatives like UVC, B Brand and over the counter trade products & marketing activities, brand building & channel management across Southeast Asia, Pacific and Far East.

Nitin joined Philips in India in 2015 and is currently based out of Kuala Lumpur. Signify is the world leader in lighting for professional, consumer and lighting for the Internet of Things. Nitin has a Bachelor's Degree in Electrical Engineering from University of Nagpur in 2001 and Master's in Business Administration (MBA) from Institute of Management Technology Ghaziabad in 2007.

3) IOT Technologies

Senior Product Manager – Professional Channel Signify Malaysia Sdn Bhd

Mr Gaurav Yadav works as Product Manager in Signify Malaysia (formerly Philips Lighting). He has more than 10 years of experience in leading end-to-end strategy & cross-functional market execution for complex, high growth product portfolios. He's skilled in product management, product product marketing, innovation management, new product & platform development.

He liaises with a large cross-functional team of leaders from R&D, product marketing, procurement, sales, customer service, supply chain & Marcom.

Gaurav obtained a Master of Business Administration Degree from North western University – Kellogg School of Management in the field of Marketing and Strategy in 2018. He also graduated with a Mechanical Engineering/industrial management degree in 2005 from Indian Institute of Technology (Banaras Hindu University).

COURSE SCHEDULE & OUTLINE

TIME	PROGRAMME	PRESENTED BY
0830 – 0900	***Registration of Participants*** ***Welcome Refreshment***	
0900- 0930	**Overview:** ❖ **ESG Opportunities via Technologies- Sustainability and the companies that are actively improving their ESG practices to build competitive advantage.**	Ir. Thirunavukkarasu
0930 – 1100	**Session 1:** ❖ **Shining a Light on UV Technology – Enhancing Safety and Confidence in a world of uncertainty** ❖ **Q&A Session 1**	Mr. Nitin Bahl
1100 – 1130	***Morning Tea Break***	
1130 – 1300	**Session 2:** ❖ **Turn On a game changer with Signify Interact IOT Connected Lighting Systems** ❖ **Q&A Session 2**	Mr. Gaurav Yadav
1300 – 1500	***Lunch and Networking session***	

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

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.

Chairman,
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REGISTRATION FORM

SEMINAR ON
"Environmental, Social, and Governance (ESG) goals via UVC & IOT TECHNOLOGIES as a Green Approach"
28 May 2022 (Saturday)

No	Name	Membership No	Grade	Fee (RM)
			Subtotal	
			SST 6%	
			Total Payable	

PAYMENT DETAILS :

☐ Cash RM_____

☐ Cheque no._____for the amount of RM_____(non-refundable) .

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 participant fails 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. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS,** please note that payment **MUST** be made **BEFORE the closing date.** If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person: _____Designation:_____

Name of Organization: _____

Address : _____

_____

Telephone No. : _____(O) _____(Fax No.)

_____(H) _____(HP)

Email :_____

_____ Signature & Stamp

_____ Date

Photocopies are acceptable