

REGISTRATION FORM
ONE DAY SEMINAR ON 'SMART CITIES & URBAN SCIENCE'
27TH FEBRUARY 2018 (Tuesday)

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
ADD 6% GST				
TOTAL PAYABLE				

IMPORTANT NOTES

Photocopies Are Acceptable

- **CLOSING DATE: 20TH FEBRUARY 2018**
- For ONLINE REGISTRATION, payment MUST BE MADE ON REGISTRATION [via RHB Now and Maybank2u - Personal Saving & Personal Current; Any Credit Card - Visa/Master.
- Payment via CASH/CHEQUE/BANK-IN TRANSMISSION/BANK DRAFT/MONEY ORDER/ POSTAL ORDER/LOU/LOG/WALK-IN will be considered as NORMAL REGISTRATION
- FULL PAYMENT must be settled before commencement of the event, 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. IEM reserve the right to reject any LOU/LOG not in accordance with these instructions.
- ❖ The Organising Committee reserves the right to alter or change the programme due to unforeseen circumstances.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

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

_____ (H) _____ (HP)

Email: _____

Signature & Stamp

Date

Cancellation Policy

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% 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.

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.



ONE DAY SEMINAR ON
'SMART CITIES & URBAN SCIENCE'

Organised and Hosted By
 Engineering Education Technical Division (E2TD),
 The Institution of Engineers, Malaysia

In Collaboration with
 Institution of Mechanical Engineers Malaysia Branch (IMechE)

Date : 27TH FEBRUARY 2018 (Tuesday)
Venue : Auditorium Tan Sri Prof. Chin Fung Kee ,
 3rd Floor, Wisma IEM, Petaling Jaya, Selangor
Time : 8.30 a.m. – 5.00 p.m.
Speaker : DR. FARHAN AHMED, DR. MAZLAN ABBAS,
 AR. DR. LOO KOK HOO, IR. PROF. DR. VINESH
 THIRUCHELVAM

BEM Approved CPD Hours : IEM18/HQ/023/S (6.0 HOURS)

Registration Fee (SUBJECT TO 6% GST)	ONLINE	NORMAL (Offline)
<i>(For IMechE Members – all categories, shall enjoy similar IEM Members' NORMAL RATES (OFFLINE) AND REGISTRATION STRICTLY VIA EMAIL ONLY)</i>		
	MYR	
IEM Student Members	150.00	180.00
IEM Graduate / IMechE / EAMC Affiliated Members	250.00	300.00
IEM / IMechE / EAMC Corporate Members	400.00	450.00
Non-IEM / IMechE / EAMC Members	800.00	900.00

*GST is implemented effective from 1st April 2015

SYNOPSIS

Smart cities attempt to make the movement of people and goods safer, greener and more equitable. However, smart cities can also lead to unintended consequences such as increased vehicle miles traveled, higher pollution, and more urban sprawl. The seminar is aimed to address the following concerns:

- What drives urban evolution? Are there common underlying mechanisms and universal laws that govern urban development, growth, and change?
- What are the emerging patterns of urbanization throughout the globe, and what are the plausible urban scenarios for the future? How will emerging patterns of urbanization influence key determinants of ecological and human well-being?
- What opportunities and challenges do new technologies, real-time sensors, and big data provide for tackling urban issues?
- What are the most promising innovative technological and institutional solutions for transitioning to sustainable patterns of urban development?
- What kinds of cities do we want to live in?

ABOUT THE SPEAKERS'

Dr. Farhan Ahmed is a Chartered IT Professional (CITP) and a Certified Systems and NetWare Engineer. He has been involved with several industries including Smart Cities/Districts, Data Centers, Telecoms, ICT, Banking, Management Consulting, Construction (Buildings and Infrastructure), Government, Education and As-built Design Engineering. He is also a member of various technology guilds and professional associations. Farhan has delivered engaged in design and implementation consultancy for some of the major smart city developments in the Middle East such as Riyadh Smart City Master Plan, Dubai Silicon Oasis Smart District Consultancy, Smart Dubai, Y2K Roll Out and Gulf Data Hub Center. He has over 20 years of consulting experiences having served multi-disciplinary consultancies such as neXgen Advisory Group, du, Etihad Atheeb Telecom and Atkins Middle East.

Dr. Mazlan Abbas is the co-founder and CEO of FAVORIOT Sdn Bhd. He is ranked among 50 Most Impactful Smart Cities Leaders by World CSR Congress 2017, ranked Top 10 in IoT Top 100 Influencers by Postscapes 2017, ranked No. 20th Thought Leader in IOT by 2014 Analytics Report – "The Internet of Things - Top 100 Thought Leaders", ranked Top 100 in Smart Cities Top Experts by Agilience Authority Index May 2016 and UTM Alumni Industry Personality 2016. He is currently one of Global Vision Board Member (2017). Before Favoriot, he works as CEO of REDtone IOT, MIMOS Berhad as Senior Director Wireless Communications Cluster and with CELCOM holding many senior management positions. Prior to Celcom, he spent 10 years as an Assoc. Professor at Universiti Teknologi Malaysia. He is currently the Adjunct Professor for Universiti Sultan Zainal Abidin (UniSZA) and Universiti Malaysia (UniMY). He was also the Adjunct Professor for UTM from 2008 to 2013 and UTHM (2004-2005, 2013-2016). He is a frequent speaker in many major & established IOT, Smart Cities and telco conferences locally and globally. He sits in Industry Advisory Panel (IAP) for several local universities. He graduated from Universiti Teknologi Malaysia with a BEE (1984), University of Essex (UK) with MSc. in Telematics (1986) and Universiti Teknologi Malaysia with a PhD in Telecommunications (1993). He also received an Honorary Doctorate in Electrical Engineering from UTHM (2017).

Ar. Dr. Loo Kok Hoo is a Green Architect Specialist who is as a Registered Architect in Malaysia & Singapore. He actively promotes promotes eco & sustainable designs. He is currently a Senior Director at Surbana Consultants Sdn Bhd and has engaged in many collaborations on research with well-known Universities. His professional activities cover high development areas/zones in Singapore, Malaysia, China, India and Saudi Arabia. He is a popular advocate for green and sustainable architecture and building designs. Ar. Dr Loo holds a PhD in Architecture from University Putra Malaysia.

Ahmad Soalahuddin B Ahmad Termizi is currently the Acting Head of Business Development & Strategic communications, Setia Haruman Sdn Bhd. and he is currently completing his MBA at Anglia Ruskin University. Ahmad is a trained civil engineering graduate from Marquette University, USA in 1999. His specialty is township development and have been involved in the planning and implementation of various townships namely Cyberjaya, Shah Alam2, Seremban 2 and Milwaukee, USA. Ahmad in his current role is responsible as part of the team to build up the population of Cyberjaya by positioning Cyberjaya as a smart and green city as well as developing the technology and startup eco-system in the city. He has been an invited speaker on smart city by the Institute of Information Industry, Taiwan and actively participates in smart city labs in Malaysia.

Prof Dr Ir Vinesh Thiruchelvam is currently the Dean of Computing, Engineering & Technology at Asia Pacific University of Technology & Innovation (APU). He is a Professional Engineer with the Board of Engineers Malaysia (BEM), a Chartered Engineer with the Engineering Council of UK and is a Fellow of the Institute of Mechanical Engineers (IMechE-UK). He has managed smart city development international projects in India, Russia, Iran, UAE, Qatar, Saudi Arabia, Oman, and Malaysia. Prof Vinesh has a wide industrial design exposure for the property sector, ports, oil & gas and power plant industries. His scholarly research areas are in Sustainable Development, Reliability Engineering using Smart Devices with IoT and Data Analytics with Business Intelligence.

TENTATIVE PROGRAMME

08:30 - 09:00	Seminar Registration	
0900 - 09.15	Opening Remark	By : Ir. Prof. Dr. Vinesh Thiruchelvam
09:15 - 10:45	Session 1: Smart Cities – Cutting Across Verticals	By : Dr. Farhan Ahmed
10:45 - 11:15	Morning Coffee/Tea Break	
11:15 - 12:40	Session 2: Journey from Product-Based to Outcome-Based IoT Business Model	By : Dr. Mazlan Abbas
12.45 - 14.00	Lunch Break	
14:00 - 15:00	Session 3: Sustainability in Building Construction	By : Ar. Dr. Loo Kok Hoo
15:00 - 16:00	Session 4: What is a Smart City? The Cyberjaya Case Study	By : Ahmad Soalahuddin
16:00 - 16:45	Session 5: Z Analyzer: Design Development of a Power Optimization Software Tool for Smart City Building Services	By : Ir. Prof. Dr. Vinesh Thiruchelvam
16:45 - 17:00	Closing	