

**1.5 CPD/PDP**  
(BEM Approved PDP Hours)  
Ref. No.: **IEM18/SWAK/149/T**

**Talk on “Application of Steel in Architecture and Structural – IBS System”**

**Date** : 15<sup>th</sup> April 2018 (Sunday)  
**Time** : 5.30pm – 6.30pm  
**Venue** : Seminar Room 1, Hills Shopping Mall, Kuching  
**Speaker** : Ms. Suraya bt. Johari

**SYNOPSIS**

Industrialized Building System (IBS) is a construction method building whereby building components are manufactured at factories or off site, transported and then assembled into a structure with minimum activities at site. This allows construction to be completed in a shorter time frame with minimum activities at the construction site that leads to significant construction cost savings.

In Malaysia, six (6) main IBS groups identified as being popularly used in Malaysia, namely (i) Pre-cast concrete framing, panel and box systems, (iii) Steel framing system, (iv) Timber framing system, (v) Blockwork system, and (vi) Innovative system.

The talk will be focusing on;

- Steel formwork system - structural decking system is used extensively in the fast-track construction of skyscrapers. The primary usage of the steel decking is together with steel structural building as composite slab design and secondary usage as permanent formwork to replace the conventional formworks.
  - An overview of structural decking system
  - Understanding the material for the usage as metal decking
- Steel Framing System – This IBS system consisting of efficient profiled cold formed channels trusses, which commonly constructed with precast concrete components, conventional construction method, steel columns/beams or steel framing systems.
  - An overview of lightweight steel truss system
- Understanding the process of specification of metal decking for roofing and walling

**BIODATA OF THE SPEAKER**

**Ms. Suraya bt. Johari**

- Master of Science (MSc), Construction Management From University of Technology Malaysia in 2013
- Bachelor of Engineering (BEng), Civil Engineering from University of Technology Malaysia in 2008
- Diploma in Civil Engineering in 2000

**PROGRAMME**

5.30pm – 5.40pm	Registration
5.40pm – 6.30pm	Talk on “Application of Steel in Architecture and Structural – IBS System
6.30pm	End

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**REGISTRATION FORM**

**Fees**

<i>IEM Member</i>	<i>RM20.00</i>
<i>Non IEM Member</i>	<i>RM30.00</i>

***Closing Date for Registration & Payment: 13<sup>th</sup> April 2018, Friday (not later than 5:00pm)***

To: Secretariat  
The Institution of Engineers Malaysia (Sarawak Branch)  
No. 16, Jalan Bukit Mata Kuching  
93100 Kuching  
Tel: (082) 428 506 Facsimile: (082) 243 718  
E-mail: iemsarawak@gmail.com Website: www.iemsarawak.org

**For the purpose of BEM-approved CPD/PDP hours, all IEM Members must provide their registration number.**

No.	Name(s) in CAPITALS	Email Address	IEM No.	Fee (RM)
<b>Total</b>				

Enclosed herewith, a crossed cheque no.: \_\_\_\_\_ for the sum of RM\_\_\_\_\_ issued in favour of ***“IEM (Sarawak Branch)” or Direct Bank in to The Institution of Engineers Malaysia (Sarawak Branch), Standard Chartered Bank, Account No. 420-1-5651-8528.*** Kindly fax us your payment slip for direct bank-in and quote our reference when making payment. I/We understand that the fee is not refundable for no-show/cancellation after my/our registration (is) is/are accepted but substitution of participant(s) will be allowed. The Organizer reserves the right to cancel, alter or change the programme due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes.

Name of Department/Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Tel (O): \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**THE INSTITUTION OF ENGINEERS, MALAYSIA (SARAWAK BRANCH)**

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