TECHNICAL VISIT TO "GAMUDA IBS, SEPANG"

Organised by Civil & Structural Engineering Technical Division (CSETD)

BEM Approved CPD/PDP hours: 4.0   Ref. No.: IEM18/HQ/066/V

Date : 15 MARCH 2019 (FRIDAY)
Time : 8.00 am to 1.00 pm
Venue : GAMUDA Industrial Building System
No. 2, Persiaran Tanjung Kawasan Perindustrian Tanjung
43900 Sepang Selangor Darul Ehsan. Tel No : 603-87073333
Transport : COACH WILL BE PROVIDED FROM
                       BANGUNAN INGENIEUR, PJ,SELANGOR

SYNOPSIS

Commitment fees inclusive of 6% SST
(Non refundable & non transferable)

IEM Member	**: RM 100.00**
Non Member	**: RM 150.00**

(STRICTLY REGISTRATION AND PAYMENT VIA IEM ONLINE)
(NO WALK IN IS ALLOWED)

Gamuda Industrialised Building System (Gamuda IBS)

Gamuda Industrialised Building System (Gamuda IBS), that housed within a factory, is located at a 7ha plot in Sepang's Tanjung Industrial Park. It is the country's first fully automated robotic IBS factory, that boasts superior technology capable of customizing property products to individual specifications.

Gamuda IBS in Sepang currently has the capacity to produce 3,000 apartment units per year.
Gamuda Bhd is also building a second IBS factory in Banting, which is expected to be ready by end of 2018. Both Gamuda IBS plants will have the capacity to produce 8,000 apartment units per year.

Gamuda IBS plant, uses modern IBS technology, such as Building Information Modelling (BIM), Common Data Environment (CDE), and Robotic Machine Operations, insulation of panels and construction using IBS. BIM is used to customize design using 3D software while the CDE facilitates the sharing of information for multi-stakeholder use on a single digital platform, which allows customized designs without having to invest in a new set of moulds for every new project. This enabled the roll out from design to construction quickly as each cast is formed individually by the robots.

The IBS building elements are installed in Lego-like fashion, which reduces wastage and translates to lesser workers on site, which in turn increases safety levels.

Please bring your own Personal Protective Equipment (PPE):

1. **Safety shoes**
2. **Safety helmet**
3. **Safety vest**

ITINERARY

TIME	ACTIVITIES
8.00 a.m.	Gathering and registration at **BANGUNAN INGENIEUR**
8.15 a.m.	Embark from IEM (Should you arrive late, please make your own way there)
09.00 a.m.	Arrival Introduction & Project Briefing by Gamuda IBS
11.00 a.m.	Factory Tour
12.30 p.m.	Q & A
1:00 p.m.	End of Activity

- The visit is strictly limited to **15 PARTICIPANTS** registered on a first-come, first-served basis.
- Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form **before 08 MARCH 2019** together with the payment **OR WHEN THE SEATS REACH ITS ALLOWED NUMBERS**.
- Cheques are to be made payable to *The Institution of Engineers, Malaysia.*
- Please note that the commitment fee must be settled prior to the visit.
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that IEM *MAY* cancel the reservation if payment is not received before the closing date

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REPLY SLIP -
Fax: 03-7957 7678 / Email: shahrul@iem.org.my

I wish to participate in the above visit on **15 MARCH 2019.** I enclosed herewith a cheque No…………………for the amount of RM………………… as my commitment fee for the visit.

Name: ……………………………………………………… Member No: ………………………………………….. Grade : …………………………………………………..

Company:………………………………………………………………… Designation :…………………………………………………………………………………..

Contact number :……………………………………………………… IC Number :…………………………………………………………………………….

Email address : ……………………………………………………… Company address ……………………………………………………………………

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I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

Ir. Chong Chee Meng
Chairman,
Civil & Structural Engineering Technical Division (CSETD), IEM