

# BACK BY POPULAR DEMAND ! A HANDS-ON DESIGN COURSE: PRECAST CONCRETE DESIGN WORKSHOP

Co-organisers:

CIDB  
myIBS



binaTECH

Supported by  
IBS Centre  
CIDB Malaysia

**Armada Hotel, Petaling Jaya / 13-15 November 2018**  
(CPD and CCD Points applied and to be updated)

## The Module

It will cover principles and considerations in designing for precast concrete construction: structural forms, load paths, stability, progressive collapse etc; design of precast components: hollow core slabs, planks, precast concrete beams, walls, columns etc and designs of precast joints and connections. **An exclusive hands-on training for all who wish to possess knowledge on precast design methods.**

## Who Should Attend

This course is intended for engineers working in consultancies, manufacturing companies, construction firms and public agencies; academicians and students; as well as for others who want to understand more about precast concrete design by attending a hands-on training course.

## Objectives/Benefits of Training

Upon completion of the course, participants will be able to:

- Understand the principles and considerations in designing for precast concrete construction: structural forms, load paths, stability, progressive collapse, etc.
- Design precast components including hollow core slabs, planks, precast concrete beams, walls, columns, etc; and
- Understand the principles as well as perform designs of precast concrete joints and connections.

## Your Investment

RM3188/pax

Inclusive of training notes and certificate. Refreshments & Lunch will also be provided.

## The Facilitator



**Dr HS Lai** obtained his undergraduate and post graduate degree in Civil Engineering from the University of Leeds, England. He is a registered Professional Engineer in Singapore and has more than 25 years of experience in the design, supervision and management of building projects in residential, healthcare, commercial offices, institutional, security, industrial and building conservation. His main expertise is in the design and construction with precast concrete. He participates actively in the promotion of buildable structural system for the construction industry and has conducted numerous training courses and lectures in precast concrete design for professional structural engineers for BCA-CITI, Singapore since 1998. He was **the principal author of Structural Precast Concrete Handbook** which was commissioned and published by the Building Construction Authority of Singapore. He is presently a principal of Advan-TIS Consultants LLP; a specialist consultant in the design and management of precast concrete construction. Since its inception in 2009, the company has now extended its consultancy services overseas in Malaysia, Thailand and India.

Please provide all details and send the completed form and proof of payment to [binatech.sfi@gmail.com](mailto:binatech.sfi@gmail.com) / 012-305 8086. Registration Dateline: 2 weeks before each event. Thank you and enjoy the training!

Module: \_\_\_\_\_ Training Date: \_\_\_\_\_

No	Name of Participant	Designation	Academic Qualifications	Years Technically Involved in Building Construction	Mobile Phone No.	Email
1						
2						
3						

Total = RM \_\_\_\_\_ / pax x \_\_\_\_\_ nos. of pax = RM \_\_\_\_\_. Attached is the proof of payment to CIMB Islamic Acc No: 8600 22 9695 Innovacia Sdn Bhd.

Contact Person Name: \_\_\_\_\_ Company: \_\_\_\_\_

Hphone: \_\_\_\_\_ Email: \_\_\_\_\_ Address: \_\_\_\_\_

### About Innovacia Sdn Bhd IBSxBIM

**Innovacia** specialises in Prefabricated Construction Technology (Industrialised Building Systems, IBS) and ICT. The company offers:

1. Consultancy: Drafting/Modelling, Customised Software Development, Construction & Prefab/IBS Advisory (Product & Project Technical Assessment, Industry Research, Training Module Development)
2. Training: IBS, CAD/BIM, Eurocode Design, Mobile Apps Development
3. ICT Solutions: *TiffinBIM* - Affordable CAD/BIM Software, *axdea* (BIM-based IBS Score Calculator), *Innovacia Mobile* (Construction & Other Productivity Apps), *Innovacia VR/AR* (Virtual & Augmented Reality Solutions)
4. Publications: *binaTECH* (Construction Technology & Living Trends Magazine), Customised Publications

### About CIDB MyIBS Sdn Bhd

**CIDB MyIBS** is incorporated as a Private Limited company; fully owned by CIDB Malaysia. Its vision is to be the leading provider of Open System IBS solutions and catalyst for industry transformation. The company promotes and enhances IBS development nationwide through leading edge IBS services and products:

1. Technical & Advisory
2. Learning & Development
3. Verification, Validation, Testing & Certification (VVTC)
4. Supply Chain Management (SCM)