

# PRECAST CONCRETE DESIGN USING SOFTWARE COURSE



**CIDB IBS Computer Lab, Jalan Chan Sow Lin, Kuala Lumpur**

**Batch 1/2019: 27 April**

**Batch 2/2019: 17 August**

**Batch 3/2019: 12 October**

**(CPD and CCD Points to be applied and updated)**

## The Modules

This training covers basic concept in executing precast concrete design by using Excel sheets and element design software based on British Standard (BS) design code. This training will cover on how to convert architectural plan to precast layout plan in a most effective way. Participants will be guided in performing analysis and scheming of precast concrete elements. Component design such as for precast slab, precast concrete beam & precast walls or columns are covered in the session. Computers are provided for usage during training.

## Who Should Attend

This one-day course is designed as a fast-track introductory course to software-based precast concrete design for engineers working with developers, consultancies, manufacturing companies, construction firms and public agencies; academicians, students and others.

## 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 using software
- Design precast concrete beams, columns, slabs and wall components
- Develop understanding of construction stage design

## Your Investment

**RM988/pax or RM888/pax for 3 or more participants from the same company.**

**Register by 3 April 2019 and get further 10% discount as Early Birds!**

**The training fee is claimable under SBL HRDF. Please refer to your Training Manager for guides.**

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

## The Facilitator



**Ir. Rajendara Kumar Rasu** is a precast concrete specialist with experience at top local and multinational engineering consultancy firms. He is a CIDB IBS Professional Certificate holder and currently attached to Gamuda Land, one of the leading property developer in Malaysia. He has an extensive design experience in Concrete Reinforced and Steel Structure Design. His current specialisation is to implement the IBS Design Concept, R&D, Fabrication & Construction Drawings and Value Engineering (VE).

He is also leading the Design Team to produce standard & non-standard shop drawings, fabrication drawings and construction drawings. He is familiar with design and CAD/BIM tools including StaadPro, AutoCAD, Revit & others. As strong believer in continuous professional development, Ir. Rajen himself has also attended numerous training including Commercial Management Program, Asia Next Generation Leader, Project Management Theory & Practical (PM1B), CIDB IBS Professional Training Course - Module M01-05.

# TRAINING REGISTRATION FORM



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 – CIDB & HRDF Registered Training Provider

### IBSxBIM

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

The company offers:

1. Training: CIDB IBS Professional Modules, Precast Concrete Design Workshop Part 1 & Part 2, IBS Shop Drawings Using CAD/BIM, BIM-based IBS Score Submission, Introduction to Business Excellence in Construction, Reinforced Concrete Design to Eurocode 2 (EC2), Development of Android Mobile Apps & Database, Leading & Managing Change in a VUCA World and many other topics
2. Research: Construction & Prefab / IBS Advisory (Product & Project Technical Assessment, Industry Research, Training Module Development), Customised Software Development
3. Publications: *binaTECH* – Construction Technology & Living Trends Magazine, Customised Publications
4. 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)

## About CIDB IBS Sdn Bhd

**CIDB IBS** 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)

**FOR EVENT ENQUIRIES:**  
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