

REINFORCED CONCRETE DESIGN TO EUROCODE 2 (EC2)



Innovacia Training Room, Shah Alam / 15-16 February 2019

(CCD Points to be updated)

The Module

This course is intended to give share knowledge in reinforced concrete design according to Eurocode 2 (EC2). The main part of the course will focus on the contents of EC2 and design basis for bending, shear, serviceability limit states, and durability and detailing requirements. Design steps for basic structural elements such as beam, slab, column, and foundation will be discussed. Hands-on exercise on the application of EC2 for those structural elements will be included.

Who Should Attend

This course is a must for engineers working in consultancies, manufacturing companies, construction firms and public agencies; academicians and students; as well as for others who wish to upgrade their knowledge in reinforced concrete design based on EC2.

Objectives/Benefits of Training

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

- Describe the contents and structure of EC2.
- Identify the design basis and design criteria of EC2.
- Perform calculations for ultimate limit state and serviceability limit state based on EC2.
- Design reinforced concrete elements using EC2.

Your Investment

RM980/pax

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

The Facilitator



Ir Mohd Salleh Yassin, one of Malaysia's leading EC2 trainer, is a registered professional engineer who has wide experience in design of concrete structures. He obtained B.Eng. (Civil) from UTM and M.Sc. (Civil Engineering Structures) from City University, London. He is currently a senior lecturer at the Faculty of Civil Engineering, UTM, specialising in reinforced and prestressed concrete design. Ir. Salleh is actively involved in numerous consultancy projects with consulting firms in design projects related to buildings, bridges and water retaining structures.

Ir. Salleh is the co-writer of **Reinforced Concrete Design To Eurocode 2**, the book that covers the fundamental topics in reinforced concrete design based on EC2. It outlines the basic design theory and illustrates some practical applications through many useful worked examples.

Please provide all details and send the completed form and proof of payment to 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. 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
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)

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