

Construction Technology CCD Training Calendar 2019



binaTECH

Train with the most established private IBS training provider.

Since 2007, we offer **innovative courses and facilitators with hands-on** experience in policy, design, manufacturing, construction and entrepreneurship. **Save Cost, Increase Your Productivity** with our training.

The Modules

CIDB IBS Professional Module M01-M05 – FREE TRAINING ! (Refer terms on next page) IBS

Module 01: Introduction to Industrialised Building System (IBS) (Pengenalan Kepada IBS), **IBS Module 02: Modular Coordination (MC) System** (Sistem Koordinasi Modular), **IBS Module 03: IBS Score Manual** (Manual IBS Skor), **IBS Module 04: Design Concept of Precast Concrete System** (Konsep Rekabentuk Sistem Konkrit Pratuang) and **IBS Module 05: Project Management** (Pengurusan Projek). An introductory 3-day training on prefab/IBS. Includes benefits/issues, history, CITP 2016-2020, policy/incentives, IBS Score calculation and compulsory usage for government/private projects. Providing hands-on IBS Score calculation and also design concept of precast concrete system factory and site operations. **An essential training for developers, government departments, consultants, contractors, manufacturers, transporters/lifters and others with technical involvement in construction.**

Module P01 – Precast Concrete Design Workshop Part 1 (Bengkel Rekabentuk Konkrit Pratuang Bah 1). It covers 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, beams, walls, columns etc and designs of precast joints and connections. **An exclusive training for all who wish to possess knowledge on precast design methods.**

NEW! Module P02 – Precast Concrete Design Workshop Part 2 (Bengkel Rekabentuk Konkrit Pratuang Bah 2). The second part of this precast concrete design series simulates real design projects. Based on building layouts, participants will perform scheming of precast elements, designing elements and connections; as well as do presentations in this interactive workshop. You can bring your layouts too! **Pre-requisite: Attendance of PC Design Workshop Part 1.**

NEW! Module P03 – IBS Shop Drawings Using CAD/BIM (Lukisan Kerja Menggunakan CAD/BIM). A major component in successful IBS projects is the production of shop drawings. It covers the process of creating good IBS shop drawings using CAD/BIM software. Computers are provided. **Suitable for everyone using and producing shop drawings.**

NEW! Module P04 – BIM-based IBS Score Submission (Penyerahan Skor IBS Berasaskan BIM). Training for IBS Score calculation and submission based on Axdea - a free BIM-based IBS Score software. Also, incorporating possible links to database, project management portal and mobile apps. **For all involving in IBS Score calculations and submissions.**

NEW! Module P05 – Introduction to Business Excellence in Construction (Pengenalan kepada Kecemerlangan Bisnes dalam Pembinaan). In-line with CITP and the focus in increasing construction productivity, this module introduces Business Excellence as a management practices standard to assist companies enhance their performance. BE Framework and related programs, focusing on construction sector, are covered here. **For all in the construction-related fields.**

Module P06 – Reinforced Concrete Design to EC2 (Rekabentuk Konkrit Bertetulang Mengikut EC2). A training in reinforced concrete design to Eurocode 2 (EC2) i.e. for bending, shear, serviceability limit states, and durability and detailing requirements. Design steps for basic structural elements will be discussed. Hands-on exercise on the application of EC2 for those structural elements will be included. **For engineers, academicians and engineering students.**

Module P01, P02 and P03 are co-organised with CIDB MyIBS Sdn Bhd



Our Facilitators

Ir. Shahrul Nizar Shaari has 20 years of experience in construction tech at manufacturer/contractor and government level. Founder of Innovacia, a MATRADE member and an established research, training and ICT set-up; and brand owner of Axdea (IBS Score calc), TiffinBIM, Innovacia Mobile, Innovacia VR/AR and binaTECH. Active in various CIDB-lead IBS committees.

Abu Saffian Abu Bakar has 30 years of progressive management work experience. Former Senior Vice President at Agensi Inovasi Malaysia. Prior to AIM, he worked at Iskandar Investment, ACPI and IJM. With vast experience in IBS, business development, project mgt, property dev, manufacturing, sales & marketing and quality management systems.

Suriafazlin Ismail is a partner at Innovacia with structural design experience at Ranhill Bersekutu. Prior to that, she was at Heidelberg Concrete as well as a post-grad researcher on high-strength concrete at University of Malaya. Trained under the MPC's Business Excellence and Industry Productivity Specialist programs, focusing on construction industry.

Mohd Ezazli Anas is a co-founder of Innovacia Mobile; providing mobile app development services and training. Runners-up winner of Hong Kong Appsanity Award 2012 with the Distance Estimator mobile app. Main developer of apps available on Google Play under Innovacia Mobile store. Co-owner of Axdea – the BIM-based IBS Score calculator.

Ir. Mohamad Salleh Yassin is a well-known EC2 trainer and registered professional engineer who has wide experience in the design of concrete structures; in numerous consultancy projects. He currently lectures at the Faculty of Civil Engineering, UTM, specialising in reinforced and prestressed concrete design.

Dr. H.S. Lai is a registered Professional Engineer and one of the leading regional precast experts. The principal author of Structural Precast Concrete Handbook by 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.

Objectives/Benefits of Training

1. Gaining information on **latest and trending** construction technology from an established training provider;
2. **Sharing of experience** among fellow participants and our subject matter experts (SMEs); and
3. **Business networking** among the best brains in construction.

| | Jan | Feb | Mac | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
|-------------------|--------------------------|------------|------------|------------|------------|------------|------------------------------------|------------|------------|---------------|----------|
| M01 to M05 | 15-17 (PG) 28-30 (SA) | 26-28 (SA) | 27-29 (JB) | 23-25 (SA) | 28-30 (SA) | 25-27 (SA) | 23-25 (SA) 30/7-1/8 (PG) | 20-22 (SA) | 24-26 (SA) | 15-17 (SA) | |
| P01 | | | | 1-3 (PJ) | | | 1-3 (PJ) | | | | 4-6 (PJ) |
| P02 | | | | 4-5 (PJ) | | | 4-5 (PJ) | | | | 7-8 (PJ) |
| P03 | | | | | | 29 (KL) | | 24 (KL) | | 19 (KL) | |
| P04 | | | | | | 13 (KB) | | | 19 (KT) | 24 (SA) | 28 (SA) |
| P05 | | | 8 (SA) | | | | 9 (SA) | | | | 29 (SA) |
| P06 | | 15-16 (SA) | | | | | | | | | |

SA: Innovacia, Shah Alam / KL: CIDB MyIBS, Kuala Lumpur / PJ: Armada Hotel, Petaling Jaya / JB: V8 Hotel, Johor Bahru / KT: Seri Malaysia Hotel, Kuala T'ganu / KB: UTC, Kota Bharu / PG: USM, Penang

Time: 900am – 400pm Notes & F&B: Provided

We can also arrange customised training / additional dates for you anywhere in Malaysia. Please contact us at 012-3058086 / binatech.sfi@gmail.com

TRAINING FEES:

M01-M05:

For all with Civil/Mech/Elec Eng, Arch or QS Degree AND currently technically involved in building construction (min 1 year): **FREE OF CHARGE**

For others without the required background: **RM600/pax**

Certificate of IBS Professional/Attendance by CIDB, 20 CCD Points, CPD Points (tba)

P01: RM3,188/pax P02: RM2,188/pax P03: 500/pax P04: 280/pax P05: RM280/pax P06: RM980/pax

Certificate of Attendance by Innovacia, CCD & CPD Points (tba)



TRAINING REGISTRATION FORM



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: _____