

Industrial Revolution 4.0 (IR4.0) Program

Construction Simulation with BIM and VR

The opportunity in Building Information Modelling (BIM) is very huge in the Malaysian construction industry as it has gradually been made compulsory for development projects, as stated in the Construction Industry Transformation Program (CITP) that by 2021, submission of building plans for all city-status local authorities will be made in BIM. More BIM usage will require more personnel to be equipped with BIM knowledge but there is a shortage in BIM personnel in the country. The current COVID pandemic brings more challenges for employers to equip their staffs with BIM knowledge and infrastructure. Without intervention, the gaps will be even more.

BIM training is among the most sought after skills training in the construction industry, either in Malaysia or globally. This is because, in the IR4.0 era, the worldwide construction industry is moving towards industrialisation through more usage of construction tech and ICT/digitalisation for better quality, productivity and safety.

This training starts with the overall IR4.0 scenario for construction and focusing on Advanced Simulation of construction using BIM and Virtual Reality (VR), aims to produce employees that are trained in BIM. The participants will be provided with a full license of TiffinBIM, a Malaysian-brand BIM software by Innovacia, as the affordable solution, which they can continue to use after training and supporting the employers in digitalisation. During the training, they will also use a Malaysian BIM VR application that supports collaboration and coordination.

CCD and CPD points from various Boards will be applied for the benefits of participants and companies.

7-day training / Fully sponsored by HRDF* / BIM Software provided / Allowances

For all: Certificate of Course Attendance. For those who passed test: TiffinBIM BIM Modeler Certificate

Objectives

1. To expose employees to the IR4.0 and the digitalisation of construction industry, focusing on Advanced Simulation for construction.
2. To provide BIM modelling skills and knowledge
3. To provide advanced BIM process skills and knowledge through usage of BIM VR

Places are limited. Contact us now to register.

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*Sponsorship is subject to approval by HRDF

Training & Solution Provider



Learning Outcome

1. Gain knowledge in IR4.0, construction digitalisation and Advanced Simulation tools for construction
2. Able to understand and produce BIM models for Architecture, Structural, Mechanical and Electrical requirements
3. Able to understand and perform BIM coordination and collaboration using BIM VR.