

**PRE-RECORDED VIDEO**  
**IN CONJUNCTION WITH IEM ENGINEERING WEEK**  
**FROM 4th - 9th MARCH 2024**

## **WEBINAR TALK ON**

# **IMPLEMENTATION OF BUILDING INFORMATION MODELLING (BIM) FOR GOVERNMENT PROJECTS IN MALAYSIA**

**BEM Approved CPD: 2**

**Ref No : IEM24/HQ/061/T (w)**

**Organised by : Public Sector Engineers Special Interest Group, IEM**



*Presented by:*

**Ir. Ts. Mohd Faiz bin Shapiai**

**(P.Eng, P.Tech, ACPE, MIEM)**

**8 MARCH 2024, FRIDAY**  
**9.00AM - 11.00AM**

**REGISTRATION FEE :**

**IEM STUDENT : FOC**

**IEM MEMBERS: RM15**

**NON IEM MEMBERS: RM70**

**Follow Us:**

Telegram  
MyIEM HQ Official - General 

Instagram  
myiem\_official 

**Register Online at [www.myiem.org.my](http://www.myiem.org.my)**

# SYNOPSIS

JKR has moved forward with the latest technology by pioneering the use of Building Information Modelling (BIM) in the implementation of projects that will give rise to the implementation of high-impact IR 4.0 technologies such as 3D printing, Internet of Things (IoT), Big Data, Virtual Reality and Augmented Reality. BIM is a process of preparing and managing an informative 3D model in the life cycle of a project implementation where this digital model is used by various stakeholder for specific purposes to increase the level of project and asset delivery system. The design produced virtually through technology can help in the construction and asset information can be used during the asset & facility management phase. To ensure that the BIM deliverables produced comply with JKR's BIM guidelines and standards, consultants and contractors must develop and update models starting from the concept design model (LOD100) up to the completed model (LOD 500). The contents that will be delivered are as follows:

- JKR BIM work process
- Consultants and Contractor roles & responsibility
- Model BIM requirement
- BIM requirement in JKR project

## SPEAKER'S PROFILE

Ir. Ts Mohd Faiz graduated from Universiti Teknologi Malaysia in Bachelor Degree in Civil Engineering (Upper Division) in 2006 and also Master of Project Management from Universiti Teknologi Malaysia in 2015. Started his career as a Civil Engineer in 2006 in one of consultant company, later he joined at Jabatan Kerja Raya Malaysia (JKR) in 2007 and currently he is a Senior Civil Engineer in Building Information Modelling (BIM) Unit, Integrated Asset Planning Branch in JKR.

Apart being as a Professional Engineer, Ir Mohd Faiz also has been an Asean Chartered Professional Engineer (ACPE), Professional Technologist from Board of Technologist Malaysia, and also he is a certified Revit Architecture and Structure.