



Engineering Education Technical Division

# CLASH DETECTION

## BIM AS PROJECT MANAGEMENT TOOL

by Ir. Dr. Salmaliza Salleh

### REGISTRATION FEE

IEM MEMBER : RM 15  
NON-IEM MEMBER : RM 70

BEM APPROVED CPD: 2.0  
REF. NO. : IEM21/HQ/008/T(w)

**26 JANUARY 2021**  
**TUESDAY**  
**3 PM - 5 PM**

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### SYNOPSIS

Building Information Modeling (BIM) is an intelligent 3D model-based process that requires architecture, engineering and construction professional's expertise and tools to plan, design, create, and operate buildings and infrastructure more efficiently. In developed countries, adoption of BIM has become a trend in most of new development projects. This is due to the fact that BIM has shown excellent benefits e.g. early clash detection, faster design and construction, precise planning, better visualization at an early stage of the project, higher quality of performed work, better communication in the project, reducing delays and errors during design and construction stage, increasing efficiency and productivity, easy access to information, referable project life cycle, and improvement of OSH (occupational safety and health).

### ABOUT SPEAKER



Ir. Dr. Salmaliza Salleh received her PhD in Engineering from University of Malaya in 2018, Masters in Project Management from National University of Singapore in 2007 and Bachelor of Civil Engineering from Universiti Teknologi MARA in 2004. Her current research passion is BIM - Building Information Modelling. She was the lecturer in the Faculty of Civil Engineering, Universiti Teknologi MARA for more than 5 years before attached to SEGi University in 2009 until 2019. Currently she is the Lead Civil and Structural Engineer, MTC Engineering Consultancy Sdn. Bhd. (formerly known as MTC Floating Solutions Sdn. Bhd.), handling various Civil and Structural Engineering Consultation projects that involves BIM.

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