

**PROGRAM CERAMAH OLEH PROFESOR PELAWAT JABATAN PENGURUSAN PEMBINAAN,  
FAKULTI PENGURUSAN TEKNOLOGI DAN PERNIAGAAN, UTHM**

Parit Raja, 13 November 2025 – Jabatan Pengurusan Pembinaan, Fakulti Pengurusan Teknologi dan Perniagaan (FPTP), UTHM telah berjaya menganjurkan sesi perkongsian ilmu bersama Profesor Pelawat, Prof. Dr. Min-Yuan Cheng dari National Taiwan University of Science and Technology (TAIWAN TECH) pada 13 November 2025 di Dewan Kuliah A (DKA), UTHM dengan topik: *BIM Integrated Smart Monitoring for Fire Prevention & Disaster Relief*.

Dalam sesi ini, beliau berkongsi perkembangan terkini mengenai:

- Teknik pemantauan pintar berasaskan BIM
- Pencegahan kebakaran bangunan secara proaktif
- Sistem respons bencana yang lebih cekap menggunakan integrasi teknologi

Program ini mendapat sambutan sangat menggalakkan daripada para pelajar dan pensyarah FPTP. Terima kasih atas penyertaan para pelajar dan pensyarah yang telah memenuhi dewan!

Saksikan suasana meriah sepanjang program melalui gambar-gambar yang disertakan.

\* FPTP akan terus komited membawa pakar antarabangsa bagi memperkasa ilmu dan pendedahan global kepada mahasiswa.

# Visiting Professor Program

## Talk with Undergraduate Students

**“BIM integrated smart monitoring technique for building fire prevention and disaster relief”**



Visiting Professor  
**PROFESSOR DR. MIN-YUAN CHENG**

**FPTP**

FAKULTI PENGURUSAN TEKNOLOGI DAN PERNIAGAAN  
FACULTY OF TECHNOLOGY MANAGEMENT AND BUSINESS  
Universiti Tun Hussein Onn Malaysia



13 November 2025 Thursday



10:00 am - 11:00 am



Dewan Kuliah A (DKA)



WE ARE RANKED  
#1009-1209  
QS World University  
Rankings 2024



WE ARE RANKED 501-600  
THE World University  
Rankings 2024



EFMD  
EQUIS  
ACCREDITED



AACSB  
ACCREDITED



MD  
Premier Digital  
Tech Institution



unesco  
World Heritage Site



OPITO  
Quality Standard



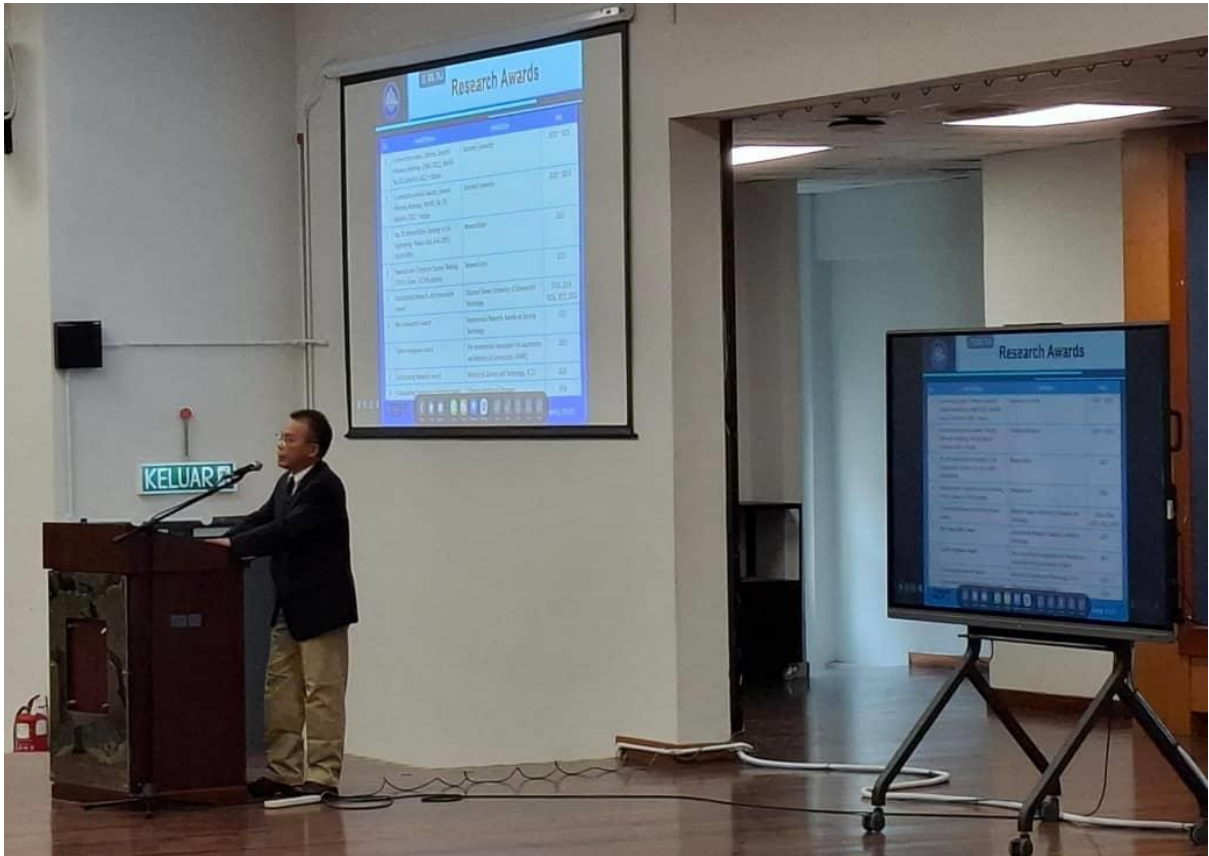
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U3A PT2

## 5. 5.1 Case building description

- As most of the students are typically concentrated in classrooms on 3rd and 4th floors of the IB, which have more exits, a sudden fire on these floors would make difficult to evacuate and rescue.
- EXIT 1 and EXIT 3 are treated as the fireproof spaces with both of staircase and fire lift.

Actual image of the IB



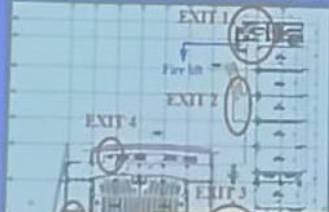
BIM model of the IB



3 stories below ground,  
12 floors, and 1 attic ;

Total floor area : 36535.24 m<sup>2</sup>  
Height : 49.6 m

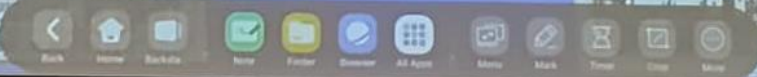
2D of the IB 3F (L-shape)



BIM model of the IB 3rd floor



Using Revit Architecture 2015  
to conduct a BIM model



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