



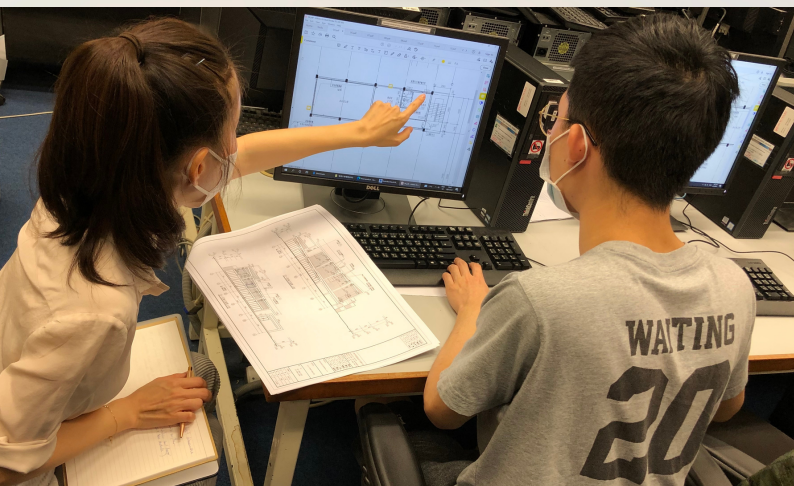
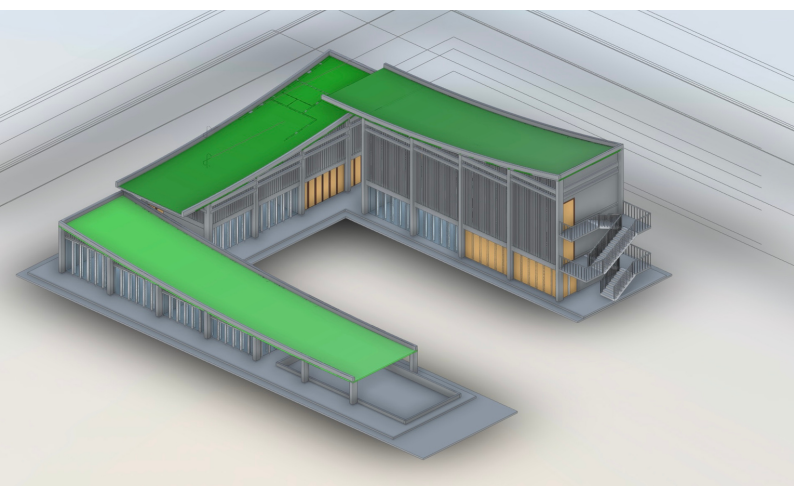
THE UNIVERSITY OF HONG KONG
DEPARTMENT OF CIVIL ENGINEERING

Project Mingde

WE GROW AS WE BUILD



明德工程
Project Mingde
VIRTUS ET INGENIUM



Summer Training 2021

Our on-going construction project, Duling Primary School New Composite Building in Guigang, Guangxi, has achieved excellent progress by the great efforts from our summer intern students.

So far, we finished the contracts, programme, BIM models and virtual supervision scheme. There are also new updates in rainwater collection system and the new toilet design. The project will move on to the construction stage in October.

The training programme involves different stages in a real-life construction project which will be beneficial to students. The students and staff there will soon have a better learning and teaching environment.

However, it is unfortunate that the site visit to the school is postponed due to the pandemic currently. It will be resumed immediately after the resumption of normal travel clearance.

A Quick Glance at Digital Technologies in Construction

Professor Wilson W.S. Lu gave us a talk related to the digital technology application in construction industry at the end of the summer. During the talk, he introduced various non-civil digital technologies which can apply to civil engineering, such as blockchain, RFID, i-core. We realized there are many Internet of Things that can maximize the efficiency of a construction other than BIM.



3D Spaces Capturing with 360° Camera & 3D Tech.

A talk about 3D spaces capturing and 360° camera was held by Teli in Innovative Wing on 27 July. They briefly introduced:

- The use of 360°/3D photos & videos
- Operation of related software
- Comparison of different 360°/3D photos capturing cameras
- 3D modeling & 3D printing



CIC 2-Day Taster Course for University Students

The participants gained deep insight into the world of BIM-enabled modern construction practices via taster courses and educational tours to the CIC Construction Exhibition Hub.

- BIM and Digitalization
- MiC & DfMA
- CIC Carbon Assessment Tool
- Digital Tech. for Construction Safety



MEMBER RECRUITMENT 2021/22

We welcome students from **ANY** background, not limited to engineering students, to become our members! For anyone who wishes to have a fruitful university life, please don't hesitate and **JOIN US!**

Member application: <http://www.civil.hku.hk/mingde/contact.html>



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