

Reflection on Study trip to University of South China University of Technology

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This Exchange trip is a vulnerable experience to me. The visit of facilities in South China University of Technology or Humen Second Bridge would be a great chance for me to know more about the construction projects in China.

Compare to the Universities of Hong Kong, the scale of laboratory inside SCUT is larger and they can undergo experiments that are not feasible in our laboratory like the wind tunnel experiment that testing the strength of building under different fluid condition. It is seldom seen in Hong Kong and the model that used in test which install many detectors inside and provide accurate result of force distribution is make by professional factory. Such models would give us a brief idea how building would be deformed under different circumstance.

The software, YJK, is developed by a company to calculate the reinforcement required and the structural drawing by entering the loading information and framing plan of the building. The experience of learning this software could help me pick up another similar software faster than other co-workers. It would be a great advantage to me and give me a taste on how the structural drawing would be provided in the industry.

In conclusion, this trip could provide experience that cannot be achieved in lecture hall and I would be wonder to participate such event again in the future.