


Knowledge Exchange Conference

An Experiential Learning Experience in Engineering

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Mingde Projects

明德工程

.... to bring real life projects into the classroom
and
.... to demonstrate theories with experience in the real world


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Mingde Projects

- Introduced into the Department of Civil Engineering in 2004
- Students' participation are voluntary
- Financially supported through donations from alumni and charitable organizations

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Mingde Projects

- Through planning, design, management of construction and until completion of a real project, students gain a sense of ownership and satisfaction of the project
- Improvement in communication skill when meeting with people from different social and cultural background
- Promotion of teamwork and multi-disciplinary cooperation
- To-date, three projects have been completed

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Mingde Projects - 1
明德工程之一




Mingde Building
明德樓

A village school in Guangxi


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It was at a hilly village



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Early visits to the village



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Conduct land survey



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Design and presentationsstudents sought advice from alumni and present schemes to local authority for approval



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Working on site



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Completion ceremony in 2005



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Mingde Projects - 2
明德工程之二



Gewu Building
格物樓

A dormitory for a vocational school

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It was at the County of Minority "Miao" in Guangxi



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Project team presenting the chosen design to stakeholders.....



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Work started on site



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"We are building not only a dormitory but also friendship with local students"



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"We share with each other and we enjoy together"



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"It is encouraging to see our efforts eventually materialized"



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Mingde Projects - 3
明德工程之三



Zhengdong Kindergarten
正東街幼兒園

Reconstruction of a kindergarten building destroyed during earthquake

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It happened in Chongzhou, a small city in Sichuan



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Design of the new kindergarten building in progress



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..... advice from professional alumni who are all volunteers



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Discuss various schemes with teachers of the kindergarten



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Work progressing on site



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