Press Release

02/02/2010  Holy Trinity College Comes First in Secondary Schools Bridge Demonstration Competition 2010

The Civil and Environmental Engineering Students' Society of the Hong Kong University of Science and Technology (HKUST) held today the final round of the Secondary Schools Bridge Demonstration Competition 2010, in which Holy Trinity College won the championship.

The aim of the Competition is to promote the interest among secondary school students in the design and construction of civil engineering structures. Each team is required to build a small scale model of a truss bridge that can withstand a weighted trolley running across it from a height. The team with the strongest bridge will gain the highest score. Judging is also based on each team’s presentation about their experience in building the bridge.

The other three schools entering the final round are: Carmel Pak U Secondary School, Law Ting Pong Secondary School, and Kowloon Tong School (Secondary Section).

One of the judges, engineer Mr Eric Ma, said, "Engineers not only need professional knowledge, but they also need good communication skills. Hence in judging the teams, we look not only at the design of the wooden bridges, but also at the team members' English presentation skills."

The advisor to the winning team, Mr NK Chiu, said, "We pay special attention to time management throughout the project period. In less than two months, the students had to carry out data collection and research, designing, and actual construction of the bridge. If time allocation is not optimal, the overall performance will be affected."

The winning team leader, Miss Christy Chan, said, "We have examined numerous bridges in different parts of the world, and finally decided to model our bridge on two famous bridges – one in Taiwan and the other in Japan."

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