

## **Briefing Session on 2017 Electrical Model Design Contest**

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This is the sixth year that the Electrical Division has organized the “Electrical Model Design Contest” to promote electrical engineering and understanding on renewable energy among lower form students. All invited students will be given opportunity to show their creativity through design and create a solar-powered model car, which was chosen as the theme of this year contest. This event is also supported by other organisations including the Education Bureau under the Business-School Partnership Programme (BSPP), the Hong Kong Polytechnic University, the HK Electric and the CLP Group.

Similar to previous years, we received an overwhelming responses and a total of 29 full time secondary schools enrolled the contest. A briefing session to explain the contest rules was held on 21<sup>st</sup> January 2017 (Saturday) at the Hong Kong Polytechnic University. In the briefing session, Chairman of this contest, Ir Tony Yeung, introduced the objectives of the contest, rules and format of the game, programme and reimbursement arrangement, followed with Q&A. In order to allow more creativity, there is no constraint on how to design the model car except the dimensions of the completed model should be within the specified limit. All necessary components such as solar panels, energy storage capacitors and motors should be selected, designed and procured by each team.

The contest setup consisting of the artificial light sources and runway was displayed and video clips of last year contest were played in the briefing session so that the participated teams can have a better understanding of how the contest will be conducted. The winning criteria not only include total energy output, but also creativity, workmanship and presentation skill which aims at encouraging students to think from multiple perspectives and focus on originality.

The contest will be held on 7<sup>th</sup> May 2017 (Sunday) at the podium of Hong Kong Polytechnic University. For more details of the contest, please visit the HKEI Electrical Division web site.



Students of the enrolled schools paying attention in the briefing to understand the contest rules