

InoTech 2016 at APU

ENGINEERING EDUCATION TECHNICAL DIVISION



reported by
Ir. Prof. Dr Vinesh Thiruchelvam
Advisor,
E2TD.



Group photo

InoTech 2016 was held at Asia Pacific University of Technology & Innovation (APU) on 18 August. The annual event was organised in collaboration with IEM's Engineering Education Technical Division (E2TD).

To increase the motivation and competency of students to prepare them for challenges in the real world, elements of competition were incorporated into the exhibition. The aim was to train students to think clearly and constructively, speak persuasively and listen critically while exploring their ability to solve technical problems creatively and sustainably.

Apart from making available judges for the Inotech Design Competition, E2TD helped promote the event in IEM's publications, magazine and bulletins as well as endorsed APU as a partner in design innovation for the development of Science, Technology, Engineering and Mathematics (STEM) education in Malaysia.



Committee promoting the event

The competition was opened to external participants as well and a total of 60 projects were submitted, each showcasing impressive innovations. This year, the judges from E2TD were Ir. Assoc. Prof. Mandeep Singh, Ir. Dr Thariq, Ir. Thavanendran and Chua Yaw Long. E2TD also acted as advisors to students in developing their ideas and innovations. Sit-down sessions were held with the students to encourage them to solve complex engineering problems and to teach them to speak in public.

The first prize went to Sharifah Nazura binti Syed Jasnin, Nur Asmanira binti Che Rohalim and Fitriyaltul Aiman binti Mohamad Badran from UniKL, for their project on "Innovative Technology for Enhanced Extraction of Mahkota Dewa by Ohmic Heating".

The second prize winners were Thefye Prasad a/l Mognna Sunthar, Dinesh Kumar Vijeyan and Subashini Pannerselum, also from UniKL, for their project on "Surface modification of bricks through hydrophobic coating by extracted and deacetylated chitosan (*Dendrobranchiata*) prawn shell".

Coming in third was Huang Jiann Jer from APU, for his project on "An automated glove defects inspection system based on machine vision". ■



Ir. Thavanendran with the 1st prize winners



Mr. Chua Yaw Long with the 3rd prize winner