



Innovate Malaysia Design Competition (IMDC) 2017

by Ir. Dr Khor Jeen Ghee

Ir. Dr Mui Kai Yin is currently Ir. Dr Khor Jeen Ghee is currently the Deputy Chairman of Electronic Engineering Technical Division.

Innovate Malaysia Design Conference (IMDC) 2017 held its grand finale on the 17th July 2017 at the Malaysian Global Innovation and Creativity Centre (MaGIC), Cyberjaya. This year's finale was officiated by YB Datuk Dr Mary Yap, Deputy Minister of the Ministry of Higher Education. Since its inception seven years ago, the competition has grown into a flagship event of its kind in the country. In addition to the support from the Institution of Engineers Malaysia (IEM), the competition is also supported by the Ministry of Higher Education, Malaysia Digital Economy Corporation (MDEC) and Malaysian Global Innovation and Creativity Centre (MaGIC). IMDC 2017 is organised by key industry players, namely Fusionex, Intel, Keysight, MathWorks, Microsoft, Motorola Solutions, National Instruments, Silterra, and ViTrox, while the event secretariat is DreamCatcher Consulting Sdn Bhd.

Innovate Malaysia Design Conference is a multi-discipline engineering design conference and competition that is open to all undergraduate engineering and computer science students in Malaysia. The goal of the competition is to promote innovation culture and mindsets among university graduates, to enhance knowledge and skillset in practical engineering and promote greater interest in engineering design, and to promote more industry and academia collaboration. Over 600 students participated in the competition this year.

The finalists competed in nine industry tracks and nine challenge awards, as well as three overall awards which includes the IEM Best Paper Award. The winner of the IEM award went to Ivan Chong Wei Yang of UTeM for his paper entitled "Optimization and Development of a Low Power Microcontroller for IoT Applications". The entries for the IEM award were reviewed by a panel of judges from the Electronic Engineering Technical Division (eETD) and academic experts, led by Sivarama Rajah.

Meanwhile, the team from UTM won the Innovate Malaysia Excellence Award for their project entitled "IoT Smart Car Parking System Using Machine Vision". The team members were Daniel Ng Chiu Loong, Ang Miin Shan, and Lee San Kong.



Datuk Dr. Mary Yap encouraging students to soar to greater heights.



Ivan Chong Wei Yang receiving the IEM Best Paper Award from Ir. Dr. JG Khor



Winners of the IMDC 2017 along with event sponsors.