



The Invention and Innovation Competition for Flood 2015 by Ir. Meor Shamshir bin Meor Zulkefli Auni

Ir. Meor Shamshir bin Meor Zulkefli Auni was the Honorary Secretary for IEM Kelantan Branch session 2014 / 2015.

Inspired by the massive floods hitting Kelantan and other eastern states in 2014, the IEM Kelantan Branch had organized in October last year The Invention and Innovation Competition for Flood 2015 in collaboration with Politeknik Kota Bharu.

This three-day competition among all Malaysia's polytechnics was hosted by Politeknik Kota Bharu and aimed at discovering simple and brief creative ideas from technical and vocational students that could be used in emergency situations such as flood. A total of 30 teams participated in the competition.

It has provided opportunities for students and supervisors to share ideas, experiences and innovations among themselves as well as others, and produced competitive and innovative students through invention projects.

It has also provided students the opportunities to meet IEM members and industry players. Agencies and organizations that involved in this event were PDE Partnership Sdn Bhd, Mzah Perunding Sdn Bhd, Jurutera Perunding Ventech Consult, KADA Kelantan, Jabatan Bomba dan Penyelamat Kelantan, Jabatan Pertahanan Awam Kelantan, Fasa 3 Engineering Sdn Bhd, Nur KB Enterprise Sdn Bhd and Malaysian Association of Youth Council (MAYC) Kelantan.

The invention that captured the hearts of the panel of judges is "Straw Filter", a low-cost water filters that convert dirty water into clean usable water without boiling, making it suitable to be use during emergency situation. The chief judge for the Invention and Innovation Competition for Flood 2015 was Mr Bugs Tan, a prominent inventor with experience as a judge for the James Dyson Award, Maybank Money Tree YES Challenge and IDEA Malaysia Inventors.

The Chairman of IEM Kelantan Branch, Ir. Mohd Zaki bin Mat with 30 years of working experience in JPS (Drainage & Irrigation Department) also gave a technical talk entitled "Kelantan Mega Flood 2014; Is There a Solution?" to students.

The design competition received an appropriate media coverage and Politeknik Kota Bharu has agreed to jointly organized the completion on annual basis with IEM Kelantan. The Branch is extremely happy that this competition has attracted good participation from students. It has certainly built strong bonding and cooperation between IEM Kelantan with other agencies.



The winner with VVIP after awards giving ceremony.



News coverage of the event. (Berita Harian, 2nd October 2015)

