

# Final-Year Project 2 Poster Competition

YOUNG ENGINEERS SECTION – PERAK BRANCH

reported by



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First prize winner Ong Wei Ting (Environmental Engineering) and other participants with representatives from IEM Perak Branch

In collaboration with the Faculty of Engineering & Green Technology (FEGT) of UTAR, Kampar, the UTAR IEM Student Section organised the biannual Final-Year Project 2 (FYP 2) Poster Competition on 11 April, 2018. This was the second time that the Student Section had organised this event with the faculty. The event was judged by faculty lecturers, Ir. Simon Yeong Chin Chow (IEM Perak Branch's Vice Chairman II) and Bryan Ng Horng Heng (IEM YES Perak Branch Chairman).

Representatives from IEM Perak Branch were given the honour to pick the top 5 FYP presentations by final-year students. The 5 winners and their project titles are listed as follow:

**1. Ong Wei Ting (Environmental Engineering)** – Treatment of stabilised leachate (SLL) by absorption using palm oil fuel ash (POFA).

**2. Tan Shao Qi (Petrochemical Engineering)** – Sonophotocatalytic degradation of phenol over magnetic separable three dimensional ZnO/Fe<sub>3</sub>O<sub>4</sub> hierarchical heterostructure under fluorescent light radiation.

**3. Khong Dewitt (Industrial Engineering)** – Design and construct discrete compound parabolic concentrator integrated collector storage solar water heater (CPC ICSSWH).

**4. Ng Jian Tong (Electronic Engineering)** – Analysis of cognitive flexibility on different stress groups using EEC in the presence of a background music.

**5. Tan Ming Wei (Construction Management)** – Performance of cement kiln dust as cement replacement material in mortar.

All in all, the students demonstrated their utmost commitment to their final-year project as demonstrated in their presentation. ■



Tan Shao Qi (Petrochemical Engineering) presenting his project to Simon Yeong and Bryan Ng



Ng Jian Tong (Electronic Engineering) presenting his project to Simon Yeong and Bryan Ng