



## BULLETIN FTECH

**OSH STUDENTS WON FIRST PLACE IN NOISE AND ERGONOMIC CATEGORY OF IH2C INTERVARSITY SHORT VIDEO COMPETITION ORGANIZED BY DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH (DOSH)**

### SPECIAL POINTS OF INTEREST:

- OSH students won first place in two categories of IH2C Intersarsity Short Video competition organized by DOSH
- 1<sup>st</sup> FTECH Product Design & Technology Exhibition 2018
- Innovation competition
- IWK Site Visit
- Technical Visit to RTRI, Japan
- Industrial Training Visit to Proton, Tanjung Malim.

In conjunction with the 5th Scientific Conference on Occupational Safety and Health (SciCOSH) 2018 organized by DOSH, twelve students from OSH program have been conferred as the champion for the IH2C Intersarsity Short Video Competition under the Noise and Ergonomic categories. The competition is divided into 3 categories namely Noise, Chemical and Ergonomic with a total of 115 entries from the nation Institution of Higher Learning (IHL).

*Safety Memeda* supervised by Dr. Hanida Abdul Aziz comprises of KH Yik, LP Hang, Freshella Fiona S, Alexandra J H, PK Kei and CM Yee competed in the Noise category and *OSHCrew Gen9* supervised by Dr. Ezrin Hani Sukadarin comprises of Siti Fatiha MZ, Muhammad Amir Izwan AA, Nur Amira Z, Noor Aisya



Students, supervisors with Mrs Harimah (Industrial practitioner)

Amira Z, Siti Syakirah I and Nurul Syafiqah M. competed in Ergonomic category. Both groups took home RM 1000 worth of prizes for each category.

### 1<sup>ST</sup> FTECH PRODUCT DESIGN & TECHNOLOGY EXHIBITION 2018

290 students from the Faculty of Engineering Technology (FTECH) exhibited 165 undergraduate project products and posters focusing in six engineering technology disciplines namely, manufacturing, electrical, energy & environment, pharmaceutical, infrastructure management and occupational safety and health in conjunction with FTECH product design & technology exhibition held at UMP Gambang Astaka on 19<sup>th</sup> December 2018. Local industrial practitioners were invited as panel of judges. Winners for group category were Compact Hybrid Solar Dryer System, Automated Guided Vehicle and Formulation, characterization and stability studies of raloxifene loaded lipid-polymeric hybrid nanoparticles. Winners for individual category were Smart Blinkers Speed Humps Using Solar Panel System and Ergonomic Assessment Checklist for Interior Vehicle (SEDAN). Compact Hybrid Solar



Cheerful participants of the exhibition



Platinum winners of the exhibition

Dryer System, Smart Blinkers Speed Humps Using Solar Panel System and Ergonomic Assessment Checklist for Interior Vehicle (SEDAN) were winners of diamond, platinum and double gold awards respectively.

## INNOVATION COMPETITION , E-REKA UNIMAP



Congratulations to Dr. Nadzirah Mohd Mokhtar, Mr. Joharizal Johari, Mr. Mohd Shamsul Azmi Samsudin, Mr. Mohd Azlan Sayuti, Mr. Mohd Anuar Hj. Ramli from FTECH and Dr. Rosmawati Naim from FKKSA who had participated in the innovation competition organized by UniMAP on 20<sup>th</sup> December 2018. Their entry entitled MDSOLUTION: MD Compact Unit For Industrial Wastewater Treatment have been awarded the EREKA 2018 Gold Medal.

## INDAH WATER KONSORTIUM(IWK) SITE VISIT

On 21<sup>st</sup> November 2018, a total of 27 students from the Bachelor of Manufacturing Engineering Technology (Pharmaceutical) Program accompanied by Dr. Mohd Azmir Arifin (BTP1143 Environmental Technology) had conducted an industrial visit to Indah Water Konsortium Sdn. Bhd. sewage treatment plant in Putrajaya. The main purpose of the visit was to expose the students with the real working environment in wastewater treatment industry. The delegation from UMP were welcomed by IWK communications officer, Mr. Saoud Abdul Latif, upon their arrival at the plant. Mr. Saoud briefed on all the processes involved in wastewater treatment and also shared with the

students about current events and future prospects of wastewater treatment industry in Malaysia.

Students were guided to a tour around the sewage treatment plant by IWK executive engineer, Mr. Azwan Irfan who has explained in detail about every equipment and process used at the plant. By end of the visit, a major learning outcome on industrial exposure was successfully obtained beside this had been a joyful event for the students.





### Technical Visit to RTRI, Japan



FTECH delegation with RTRI top management and railway experts at RTRI HQ Tokyo.

On 15th - 21st December 2018, a technical visit to Railway Technical Research Institute (RTRI), Japan was held involving the Dean Professor Dato' Ts. Dr. Zularisam Ab Wahid, Deputy Dean of Academics Associate Professor Ir. Adnan Zulkiple, Ts. Dr. Arifpin Mansor and Dr. Nadzeri Omar of FTECH. This visit is for benchmarking purposes for the Rail Program, soon to be launched. In conjunction with the visit the team had also met with experts at Osaka Sangyo University and Railway Parks in Osaka, Nagoya and Tokyo. This visit had been an eye opener on the insight of prevailing an future railway industry beside establishing networking with railway experts in Japan.

### INDUSTRIAL TRAINING VISIT TO PROTON TANJUNG MALIM

On 3 January 2019, Dr Roshahliza M Ramli has visited BTE students of UMP-GMI Offshore Program at Proton Tanjung Malim Sdn Bhd (PTMSB) for industrial training assessment. The students were trained under Durr System Malaysia Sdn Bhd, one of the contractors assigned by Proton Malaysia for painting supplies solution in automotive industry. Dr Roshahliza was welcomed by Mr Azli Wahab, the Project Manager of Durr System Malaysia at PTMSB site. The students were trained in engineering scope of works such as supervising electrical installation works on conveyer systems, reviewing engineering drawings, participating in daily progress meetings and monitoring work progress. These students were placed under different departments and had been given different tasks throughout their training periods for a project under Proton / Geely Project, whereby they are setting up painting line for the newly launched Proton car model, X70 that will be assembled at the PTMSB site in June 2019.



Dr Roshahliza with BTE students and their industrial supervisor, Mr Adli Wahab

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Faculty members are invited to contribute article for the next bulletin by March 2019



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