General

ProSES Symposium – exploring into chemical engineering processes

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More than 70 people attended the Process Systems Engineering and Safety (ProSES) Symposium 2019 organised by Process Systems Engineering and Safety Research Group, Faculty of Chemical and Process Engineering Technology (FTKKP).
The participants comprised academicians, industry experts and UMP students.
Themed, 'Process Modelling and Simulation towards Industrial Revolution (IR 4.0)', the symposium was held at Vistana Hotel in Kuantan on September 13, 2019.

Sixty paper works on modelling and simulation were presented at the symposium and among the keynotes speakers were Professor Ir. Dr. Haslenda Hashim from Universiti Teknologi Malaysia (UTM) and Professor Dr. Azmi Mohd Shariff from Universiti Teknologi Petronas (UTP).

Professor Ir. Dr. Haslenda Hashim said that over the years, researchers had made many researches in preparations for the IR4.0 era, works done at a smaller scale involving molecules right up to those that could be applied by the industries.

Professor Dr. Azmi, meanwhile, suggested that researchers to come up with works and findings that could benefit the public as well as industries.

The symposium was officially opened by Dean of Industry Innovation, Research and Innovation Department, Associate Professor Dr. Abdul Adam Abdullah.

Also present was FTKKP Deputy Dean (Research and Graduate Studies), Associate Professor Ts. Dr. Sumaiya Zainal Abidin @ Murad.

In his speech, Associate Professor Dr. Abdul Adam said he was pleased that the faculty was able to organise the symposium which was held for the first time.

He also said the paper works presented would be published in the Journal of Chemical Engineering and Industry Biotechnology (JCEIB-indexed Journal) and IOP Material Science and Engineering (Scopus-indexed proceeding).

"UMP is committed in conducting research and commercialisation activities in the engineering process and safety system related to chemical, biology, mineral, oil, gas and pharmaceuticals.

"The faculty has been involved in several projects such as halal gelatine production, halal capsule production and supplementary food production known as microcrystalline cellulose which is jointly developed with Pahang Agriculture Development Board.

"UMP has also managed to obtain RM10 million from the government's Fundamental Research

Grant Scheme (FRGS) with RM2 million from it channelled to the faculty," he said.

According to Programme Director, Associate Professor Dr. Mohamad Rizza Othman, the symposium was a platform where participants could share technology and knowledge on the latest research findings in process modelling and simulation as well as strengthen cooperation ties between researchers and industries.

He hoped that the symposium would spur the researchers' interest and awareness in matters involving simulation process and its importance in the IR4.0 era, its significance to expand and put into practise by the industry.

- 272 views

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