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40 undergraduates, 500 school students explored the world of

Some 500 school students from Kuantan and Pekan got to experience what it took to be an engineer organised by Universiti Malaysia Pahang (UMP) Mechanical Engineering Professional Student Club (MECH) on November 23, 2018.

The event, involved 40 undergraduates from the Faculty of Mechanical Engineering (FKM), gave the students an insight into the various aspects of engineering and career prospects in the field.

Industrial and Community Network Department (JJIM) was also involved in the programme where they conducted a Science, Technology, Mathematics and Engineering (STEM)-concept exhibition, TRIUMP (glider) program and a workshop titled 'Engineering for Awesome'.

Among the guests at the event were FKM's Deputy Dean (Academics & Students Development Affairs), Dr. Mohd Zuki, JJIM Director, Dr. Nurul Hazlina Noordin and Programme Advisor, Ts. Dr. Siti Haryani Tomadi.

According to Associate Professor Ir. Dr. Haji Nik Mohd Zuki, the programme could have a big impact on the students' understanding about engineering.

"The world of science and technology is developing rapidly now and requires a high commitment from the students and the industry capital as well as to focus on having a more interactive and creative learning style.

“The activities carried out would also allow the undergraduates to apply what they have learned and share the event,” he said.

He also hoped that more of these programmes could be held in the future in a move to enhance awareness among school students.

Programme Director Wan, Husna Nabilah Meor Jamaludin said the programme was a platform to expose students to the challenges facing the Industrial Revolution 4.0 and Internet of Things (IOT).

It would also help to boost efforts taken to produce highly confident undergraduates who could tackle the challenges of the future and promote the university among school students so they would pick UMP as their tertiary education destination.

Chem E Car Programme to develop student's c

Nearly 60 primary school students from year four, five and six from Sekolah Kebangsaan Bunut Rendang participated in the Chem E Car Programme organized by Faculty of Electrical & Electronics Engineering, UMP, held on November 22, 2018.

Programme Director, Professor Ts. Dr. Hamzah Ahmad said, collaboration programme between UMP and primary schools was aimed to expose students to the challenges of the future and to instill their interest in Sciences and Mathematics.

“In addition to that, this programme also able to produce competitive human capital. They were exposed to various challenges such as ice cream stick and bottle cover.

“From this activity, we can develop their creativity and their ability to think outside the box,” he elaborates further.

Dr. Hamzah added, in line with UMP tagline 'Communitising University', UMP always has the door open to share latest update in technology that UMP has especially in Science, Technology, Engineering and Mathematics.

While for Rosnawati Khashmi, SK Bunut Rendang teacher, this collaboration programme was a success in Science and Mathematics as well as producing highly motivated students.

She did not expect the students were able to design a car according to their creativity. She appreciates the UMP commitment and plans to continue the programme later in the future.

As for the students, Abdul Muiz Abdul Syukur and two of his friend was very excited to be able to finish the project forward to participating in the programme in the future.

Have passion and have goals in life - Heziwan

By: NURIZZATUL ALIN AHMAD BASTANI, STUDENT AFFAIRS AND ALUMNI DEPARTMENT

Universiti Malaysia Pahang (UMP) alumnus Heziwan Hamsah, 32, did not at all fancy being an engineer. His profession became his livelihood because of his deep concern over the environment.

"Learn whatever it may be, whenever you can and wherever you will" was the motto of the holder of Bachelor of Science in Engineering (Biotechnology) from Faculty of Chemical & Natural Resources Engineering (FKKSA).

He is now a Senior Plant Engineer at Cenergi Tanah Makmur Sdn. Bhd. that operates in Pekan, Pahang.

He works at the utility department and is now involved in a project to supply electricity from renewable energy.

Prior to that, Heziwan had worked in the manufacturing and chemical polymer sector and utility department (IWK).

According to Heziwan, the project would have great impact to Mother Nature as it would help reduce temperature.

“The project will also help the government to meet its target that by 2030, 20 percent of the electricity is produced from renewable energy sources,” he said.

Heziwan added that he had full support from his wife in developing the project that would help preserve the environment affected by pollution and affecting the future of mankind.

As such, choosing a course at the university was really important, he said.

“Learning starts with passion. Without passion, one can be aimless and lose focus. For me, if there is no future plan, and this will be a waste of time and money,” he added.

He also said activities prepared by the university was really helpful in getting one ready for work because it builds one's character.

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