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FKP UNDERGRADUATES WON THIRD PLACE IN A NATIONAL-LEVEL DESIGN AND INNOVATION COMPETITION

By: ISMAIL KHAIRUDDIN

Two undergraduates from the Faculty of Manufacturing Engineering (FKP), Universiti Malaysia Pahang (UMP) won third place in a national-level design and innovation competition held at Continental Hotel in Penang on July 4, 2013.

They were Azuan Ismail and Mohd Azri Abdul. They took home RM1,000 in cash.

Minister in the Prime Minister's Department Datuk Seri Abdul Wahid Omar presented prizes to the winners. Also present was Agilent Technology Deputy President, Shidah Ahmad.

In his speech, Datuk Seri Abdul Wahid said he was proud to see the involvement of private sector in searching new talents in the country for it brought about opportunities for undergraduates to show their skills in designing new technology.

"This, in turn, would benefit the country in the long run," he added.

Azuan and Mohd Azri, who were final-year undergraduates pursuing their degrees in mechatronics engineering, submitted their entries titled, 'Railroad Inspector for Railroad Department in Malaysia'.

Supervisor and faculty lecturer, Wan Hasbullah Mohd Isa said, the project was about using wave reflection concept and that the idea was mooted by the undergraduates themselves.

"The technology can detect cracks on railroad. The application can help

assist Keretapi Tanah Melayu (KTM) to improve its railroads.

"The competition is open to all final-year undergraduates of institutes of higher learning in the country. It aims at promoting the culture of innovation among undergraduates," he added.

He also said, the competition would enhance the participants' engineering knowledge and skill and increase cooperation between universities and industries.

Among the industries involved in the competition were Agilent Technology, Altera Corporation, Intel Corporation, Mathworks, National Instruments and Silterra Malaysia.

