

UniMAP Researchers Win 9 Medals in Taiwan

Kangar, 7 December – Universiti Malaysia Perlis (UniMAP) researchers were successful in taking home four gold and five silver medals at the Kaohsiung International Invention & Design Expo (KIDE) 2015 research exhibition which took place in Taiwan and ended yesterday.

UniMAP Vice Chancellor Brig. Jen. Datuk Prof. Emeritus Dr. Kamarudin Hussin said that even prouder for him, two of UniMAP's inventions also won special awards, namely the Massive MIMO Terminal Antennae for Future 5G Applications a research product by Dr. Azremi Abdullah Al Hadi and the Food Ingredient Translator by Sharmini Abdulah.

He said that Dr. Azremi was crowned the recipient of the National Research Council of Thailand Best Invention and Sharmini received the IIPNF Honor Invention award.

“Two other gold award winning products are the Timeless E-Tutor a product invented by Syaharom Abdullah and the Recyclable Dye Decomposer by Dr. Norsuria Mahmed.

“May the successes obtained by the UniMAP researchers here inspire other researchers to continue to produce inventions that would bring impact upon the industry and society,” he said in a statement here today.

KIDE was organised by the World Invention Intellectual Property Association (WIIPA) with the cooperation of Kaohsiung City Government with the involvement of more than 20 countries including Taiwan, China, Tunisia, Poland, Romania, Turkey, Saudi Arabia, Sri Lanka, Korea, Italy, Indonesia and Vietnam.

Besides UniMAP, researchers under Malaysian Research and Innovation Society (MyRIS) from Universiti Sains Malaysia (USM), Universiti Malaysia Pahang (UMP) and several selected schools such as Sekolah Kebangsaan (SK) Sena, Sekolah Menengah Sains (SMS) Tuanku Syed Putra, Sekolah Menengah Kebangsaan (SMK) Lailatul Shareen, SMK Dato' Sheikh Ahmad and SMS Pokok Sena also participated in KIDE 2015.

Five UniMAP products that won silver medals were the Bottom Ash Composite Cement, a research product of Ng Hooi Jun, KerisPutra Language Game (Yuziana

Yasin), Tourism Easy (Mohamed Elshaikh), LEADS Module (Hirwan Jasbir Jaafar) and Keystroke Dynamic for Construction Industry (Dr Syed Zulkarnain Syed Idrus).

Meanwhile, Dr. Azremi said that his invention provides a solution to antennae for 5th generation mobile device applications or 5G for future use.

He said that the product is densely-equipped with antennae, with up to eight antennae in a single device and was proven to have high-speed access comparable to ideal antenna access.

“The product research was performed in collaboration with the industry, namely MIMOS Berhad as well as the research collaboration with Aalto University, Finland,” he said.

Dr. Azremi also received another resounding success in Taiwan when he was awarded the highest recognition at the International Conference on Advanced Materials Engineering and Technology (ICAMET 2015) that took place on 4 December at Kaohsiung, Taiwan.

ICAMET 2015 was organised in conjunction with the KIDE 2015 exhibition by the Centre of Excellence for Geopolymer and Green Technology (CEGeoGTech) with the cooperation of WIIPA and the Technical University of Iasi, Romania.

14 countries submitted 130 papers at the conference which would be published in SCOPUS-indexed journals, and they include Russia, Korea, Taiwan, Romania, Thailand, China, Australia, Slovakia, Canada and Indonesia.

CEGeoGTech Visiting Professor Dr. Andrei Victor Sandu was the main speaker of ICAMET 2015.

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