

UMP RESEARCHERS' STERLING PERFORMANCE IN BRITISH INVENTION SHOW 2015

By: Hazlina Faizal

Three researchers from Universiti Malaysia Pahang (UMP) made name for themselves at the international arena when they won numerous special awards and gold medals in the British Invention Show (BIS) 2015 which was held at the Barbican Exhibition Centre, London.

They were Dr. Chong Kwok Feng and Dr. Gaanty Pragas from Faculty of Industrial Sciences and Technology and Noraniza Samat from Faculty of Computer System and Software Engineering.

Dr. Chong's research work 'Energy Storage Supercapacitor from Bio-waste (UMP Acitor)' won the most honours – a gold medal and three special awards in the Environment Award category.

Not to be outdone by Dr. Chong's impressive achievement, FSTI's Dr. Gaanty took home a gold medal and two specials awards in the Best International Innovation for the industry and innovation category. Dr. Gaanty's work was titled, 'High Throughput Bio-diesel Yielding Catalyst from Industrial Waste'.

Lecturer Noraniza also won a gold medal and a special award under the Environment Award for the Natural Earth category for her work, 'Augmented Reality (AR) Science for Kids (ARKids)'.



UMP TASKED WITH SCIENTIFIC STUDY ON FLOOD MANAGEMENT

By: Putra Mohd Darul Ridzuan Rosli

The Ministry of Higher Education awarded the Fundamental Research Grant Scheme (FRGS) of RM51,200 to Universiti Malaysia Pahang (UMP) on April 1, 2015.

UMP was tasked with a research titled, 'Urbanisation and Industrialisation: A Teaching Learning Based Optimisation Algorithm For Efficient Routing of The Emergency Flood Evacuation Process' led by the university Research Dean Prof. Dr. Kamal Zuhairi bin Zamli.

The research would focus on the condition during floods and would use algorithm to determine the most optimum means in the course of evacuation process and rescuing victims.

A workshop was specially held to thoroughly discuss the matter and was conducted with the cooperation of the Vice Chancellor's Office and Department of Research and Innovation.

Researchers from various responsible centres attended the UMP FRGS Flood Management and Flagship Workshop which was aimed at pooling together researchers into a team and for them to collectively gather relevant data and information so improvements could be made.

The workshop was held in Swiss Garden Hotel on Oct 29 and 30, 2015. There were many new ideas contributed by the researchers who came from different disciplines and backgrounds.

At the end of the workshop, Prof. Dr. Kamal Zuhairi said he hoped that the discussions on the matter would continue and that more grants of higher amount could be obtained such as the Ministry of Science, Technology and Innovation (MOSTI) Flagship Grant and the international grant of Science and Technology Research Partnership for Sustainable Development (SATREPS) from the Government of Japan.