

3 RESEARCH PROJECTS SCORED HIGH MARKS AT ARCHIMEDES 2011

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For the first time, Universiti Malaysia Pahang (UMP) submitted entries to the biggest exhibition and research competition in Russia – the 14th Moscow International Salon of Invention & Innovation Technologies (Archimedes) which was held at Sokolniki Eco Center, Moscow from April 5-9, 2011.

Research & Innovation

UMP was the only representative from Malaysia. It was also the first for the country.

The university submitted the works of Associate Professor Dr Ahmed N Abd Alla from the Electric and Electronic Engineering Faculty titled, 'A GSM-Based Smart Energy Detective System for Monitoring of Real Time Power Consumption.'

It uses Smart Metre, an electrical metre that has been specially designed to record power consumption rate used and allowed consumers to check the bill anytime they want.

The distinctive features in the research attracted the judges' attention and the device was announced as the Top Notch Award recipient.

Another entry by Dr Rizalman Mamat from the Mechanical Engineering Faculty titled 'Design of a Smart LPG Furnace' was accorded the gold medal. His



research involved producing a non-ferrous metal smelting furnace ferrous such as copper and aluminum.

It has value-added features that are better than furnace currently available in the market.

A research titled 'Development of a Membrane Anaerobic System (MAS) in Treating of Slaughter House Wastewater' by Faculty of Chemical and Natural Resources Engineering by Associate Professor Dr Abdurahman Hamid Nour won a bronze medal.