



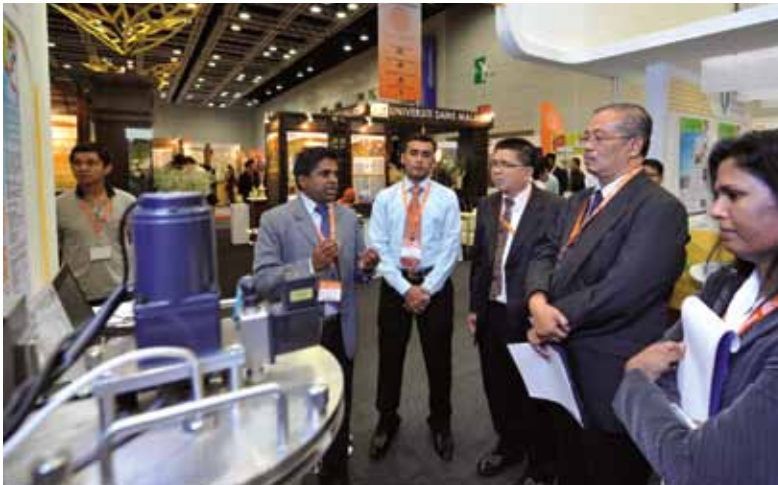
## 10 Researchers Won Medals At IENA And Bio Malaysia Exhibition 2010

Universiti Malaysia Pahang (UMP) continued to gain success after 10 researchers won two gold medals, four silver medals and four bronze medals at the International Exhibition Ideas - Invention New Products (IENA) 2010 in Germany and Bio Malaysia Exhibition 2010 in Kuala Lumpur recently.

Two entries were submitted at IENA by Faculty of Chemical & Natural Resource Engineering researchers, Associate Professor Dr. Hayder A. Abdul Bari and Dr. Chin Sim Yee.

Dr. Hayder won gold for his work titled, "*Aloe Vera Mucilage As New Flow Improving Agent In Pipelines Carrying Liquids In Turbulent Mode*" while Dr Chin took home a silver medal for his research, "*Modified Heterogeneous Process For the Production Of Biodiesel With Glycerol Acetal Additive*".

By: DR ARUN GUPTA



With the success of UMP's researchers, this will inspire others to launch the university on the international stage.

At the Bio Malaysia Exhibition, the faculty's researcher Dr. Arun Gupta won a gold medal for his research project titled, "*Nano-Wood Composites*".

Products manufactured using nano technology can help better the country's timber industry as the goods can replace solid wood, they contain greater mechanics features which are more environmental friendly. Exports can be increased and this will make the timber-based industry stronger.

Another researcher,

Associate Professor Dr. Abdurahman Hamid Nour won a silver medal for his work titled, "*Development Of A Membrane Anaerobic System (MAS) For Sewage Sludge Treatment*". He had successfully developed an alternative system that effectively treats sludge.

A research product titled, "*Anaerobic Degradation Of Palm Oil Mill Effluent With Butyrate As A Sole Substrate*" by Dr. Anwar Ahmad and a product developed using natural material to control affects of dengue by Dr. Azhari Hamid Nour

Abduelraman also won silver medals.

Other bronze medallists were Dr. D.M. Reddy Prasad, Dr. Mohammad Dalour Hossen Beg and Dr. Jolius Gim bun.

Saiful Nizam Tajuddin and Professor Dr. Mashitah Mohd Yusoff from Faculty of Industrial Sciences and Technology also won a bronze medal for their work, "*UMP Gaharu Quality Index*".

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