

4 CIVIL ENGINEERING UNDERGRADUATES CREATE HISTORY IN TAIWAN



Four Faculty of Civil Engineering & Earth Resources diploma undergraduates of Universiti Malaysia Pahang (UMP) created history when they collected two gold medals, two silver medals and six Special Awards in the International Exhibition for Young Inventors (IEYI 2012).



The event was organised by Vietnam Far East University, Taiwan Invention & Intellectual Property Association in Taiwan on Februari 12, 2012.

Amirudin Ibrahim won a gold medal for his project titled, 'UMPIae : Integrated of Fish and Vegetable Waste From Fresh Market to Generate Alternative Energy' which was supervised by FKASA lecturer, Abdul Syukor Abdul Razak.

The project, which was about harvesting integrated alternative energy from fish and vegetable waste, also won two Special Awards – Taiwan Invention Association Special Award and Korea Invention Academic Award.

Also in the limelight was Mohamad Hafizuddin Ramli who took home a gold medal and two Special Awards - Korea Invention Association Award and Asia

Invention Creativity Special Award for his project titled, 'Phytogreen:Utilising Natural Driven Process for Domestic Wastewater Treatment Toward An Environmental-friendly Sustainable Development'.

The project demonstrated the ability to absorb pollutants from domestic waste water to achieve effluent discharge standard to the A Standard as required.

Mohamad Amirul Shazwan Zakaria won a silver medal for his work titled, 'The Development of Fungus sp. Pycnosporussanguinis to Enhance The Performance of Artificial Bait for Attract Termites From Empty Fruit Bunch (EFB) as Environmental Friendly Pesticide.'

His research involved using palm oil empty fruit bunch to attract and trap termites and it was supervised by FKASA lecturer, Abdul Syukor Abdul Razak.

The work also received Asia Invention



Association Special Award.

Muthukumar S/O Sunthara Raju garnered a silver medal for his research on 'The Potential Of Allium Cepa (Onion) As Natural Corrosion Inhibitor For Passivation In Industrial Chill Wastewater System'.

The project, supervised by FKASA lecturer, Suryati Sulaiman, used onion skin to reduce corrosive effects in underground pipeline. It also won Tainan City Special Award.

According to Abdul Syukor, the success of UMP's young inventors in international competitions could attract other students to be involved in design and be more innovative in the future.

Mohamad Hafiz also said their participation in the international competition provided the opportunity to introduce UMP as well as share ideas on their research works.

It was also a double celebration when the World Invention Intellectual Property Associations (WIIPA) presented The Best Instructor Award to Abdul Syukor Abdul Razak, Suryati Sulaiman and Student Affairs and Alumni Department (Saffad) Assistant Registrar, Abdul Rahman Ahmad whose contribution helped towards achieving the success.