

UNIMAS Awarded Honour of Invention, Gold, Silver and Bronze at i-ENVEX 2013



KUCHING: Faculty of Engineering made Universiti Malaysia Sarawak (UNIMAS) proud proving themselves were competent enough when the teams from Mechanical and Manufacturing Engineering Department, Faculty of Engineering, won 5 medals and award of "Honor of Invention" from "World Invention Intellectual Property Association" at the International Engineering Invention and Innovation Exhibition (i-ENVEX 2013) held at UniMAP, Universiti Malaysia Perlis, recently. The event was co-organized with Malaysian Ministry of Higher Education (MoHE), ENVEX Young Research Club (EYReC), Malaysian International Young Inventors Olympiad (MIYIO) and Yayasan Inovasi Malaysia.

The event which was held from 16-19 April 2013 was an international expo participated by more than 15 countries, including Canada, Korea, India, Romania and others. There were altogether five representatives from UNIMAS which four of them were from Mechanical and Manufacturing Engineering Department and one from Electronics Department. This team was led by the lecturer Dr Mohd Danial Ibrahim. Dr Danial was one of the invited jury in the event. The criteria and selection for the awards and medals was tough where most universities have other institutional collaborations and previous international recognitions. UNIMAS teams were distributed to classes of Agriculture, Environmental and Renewable Energy; Biotechnology, Health & Chemicals; Manufacturing Process, Machine & Equipment. Cathy Ambrose who was supervised by Dr Danial Ibrahim with co-researchers of Dr Azham Zulkharnain, Mr Muhd Fadzli Ashari was

awarded the "Honour of Invention" and gold medal with the invention of a "Mobile Automated White Pepper Retting Machine Integrated with Crude Enzyme Solution". The product was a collaboration research with the Faculty of Resource Science and Technology of UNIMAS, led by Dr Azham. Bong Sik Hsiang, a student supervised by Ir Dr Mohd Shahril Osman won silver under the title of "Design and Development of Pastry Shell Forming Machine for Small Cottage Industry". Siti Noor Haizum Semait, Tiang Huong Hung and Curt Henning Bartholomew which won bronze in the event participated with their research inventions entitled "Painless Needle Quardrupletip Micro-needles", "i-Peg : Smart Clothes Air Drying Solution" and "Automated Pepper Retting Machine", respectively.

At the closing ceremony which was held at UniMAP Kapitol Hall, the Royal Highness Tuanku Raja Muda Perlis, D.Y.T.M Tuanku Syed Faizuddin Putra ibni Syed Sirajuddin Jamalullai and Brig. General Dato' Prof. Dr Khamarudin Hussin, the vice Chancellor of UniMAP, witnessed the award and medal presentations to the winners. There were more than 400 participants from numerous institutions of higher learning from all over the world took part in this exhibition. During the same event, there were hundreds of high school students and associations who participated in the MIYIO cluster. The four day symposium welcomed both public and private institutions to join to showcase creative and innovative idea in inculcating engineering advancements and research for the society .

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