

UniMAP's Research Products Acclaimed to be of High Quality



PECIPTA or formerly known as IPTA R&D Product Design Exhibition is a biannual event that showcases research products from institutions of higher learning in Malaysia. PECIALTA 2009, which is the third exhibition of its kind, was hosted by Universiti Malaya. This year's event was officially launched by Y.A.B Tan Sri Muhyiddin Yasin, Deputy Prime Minister of Malaysia, on the first day of the exhibition. He was accompanied by Y.B. Dato' Khalid Nordin, Minister of Higher Education, and Y. Bhg. Dato' Prof. Ir. Dr. Radin Umar Radin Sohadi, Director General of the Higher Education Department, to visit the booths at the exhibition. UniMAP made thorough preparation for this year's exhibition because it is one of the main events earmarked by UniMAP's Research & Innovation Unit for 2009. UniMAP sent in a total of 26 research

products for contest while 3 other products were put on display at the main gallery of the exhibition at Kuala Lumpur Convention Centre from 8 to 10 October 2009. Ultimately, UniMAP once again reaped outstanding success by winning 2 gold medals, 10 silver and 3 bronze. Compared to 2007, UniMAP had only 1 gold, 4 silver and 5 bronze medals to show. If we go by the number of medals won, UniMAP ranked sixth from a total of 23 universities in Malaysia that took part in the exhibition. In fact, only 10 universities managed to win gold at this year's event. With this sweet success, UniMAP has bolstered its image as a dynamic research university where its research products are acknowledged to be of high quality and have remarkable value.

<p>GeoCRETE: A Novel Concrete Without Cement Mohd. Mustafa Al Bakri Abdullah, Assoc. Prof. Che Ruzaidi Ghazali, Brig. Gen. Dato' Prof. Dr. Kamarudin Hussin, Mohammad Tamizi Selimim, Norazian Mohamed Noor, Norzaidi Zainol.</p>	Gold
<p>Intelligent Brain Interface for a Robot Chair Hema C.R., Assoc. Prof. Dr. Paulraj M.P, Prof. Dr. Sazali Yaacob, Assoc. Prof. Dr. Abdul Hamid Adom, Prof. Dr. R.Nagarajan.</p>	
<p>Ultrasonic Tomography Imaging Instrument Prof. Dr. Sazali Yaacob, Mohd. Hafiz Fazalul Rahiman, Ruzairi Abdul Rahim, Nor Muzakkir Nor Ayob @ Nordin.</p>	Silver
<p>1 Antenna: A Novel Antenna for Wireless Applications Assoc. Prof. Dr R. Badlishah Ahmad, Saidatul Norlyana Azemi, Soh Ping Jack, Azremi Abdullah Al-Hadi, Nurul Husna Mohd Rais, Mohamad Ezral Baharudin, Muhammad Ezanuddin Abdul Aziz, Nornikman Hassan.</p>	
<p>LISFET Prof. Dr Uda Bin Hashim, Kasim Abd Rahman, Azizullah Saifullah.</p>	
<p>Light Weight Roofing Tiles Prof. Dr. San Myint, Brig. Jen. Dato' Prof. Dr. Kamarudin Hussin, Assoc. Prof. Che Mohd Ruzaidi Ghazali, Dr. Ir. Salmah Husseinsyah, Nurul Hida.</p>	
<p>ISFET Prof. Dr. Uda bin Hashim, Chin Seng Fatt, Muhammad Naim Haron, Nur Syuhada Md Desa.</p>	
<p>Aluminium Filled Polymer Via Casting Technique Ir. Mohd Ichwan Nasution, Brig. Jen. Dato' Prof. Dr. Kamarudin Hussin, Prof. Dr. Shamsul Baharin Jamaludin, Assoc. Prof. Che Mohd Ruzaidi Ghazali, Dr. Khairel Rafezi Ahmad, Faizul Che Pa, Chek Idrus Omar.</p>	
<p>Green Polymer from Modified Water Hyacinth Fibers Dr. Supri A. Ghani, Dr. Ir. Salmah Husseinsyah, Dr. Ir. Suryadiansyah.</p>	
<p>OPAC Bead: Composite Beads from Palm Ash and Chitosan for Sorption of Dye from Textile Industry Masitah binti Hasan, Zulfakar Mokhtar, Naimah Ibrahim.</p>	
<p>Nano Structure Patterning using Conventional Optical Lithography Prof. Dr. Uda Bin Hashim, Muhamad Emi Azri Shohini.</p>	
<p>Random Diagonal (RD) Code For Spectral Amplitude Coding OCDMA Systems Assoc. Prof.. Dr. Syed Alwee Aljunid Syed Junid, Hilal A. Fadhil.</p>	
<p>Modines : Modified Nano Eggshells Powder Reinforced Composite System Dr. Supri A. Ghani, Dr. Ir. Salmah Husseinsyah, Dr. Ir. Suryadiansyah, Assoc. Prof. Che Mohd Ruzaidi Ghazali, Siti Shuhadah, Ismail Ibrahim, Norzaidi Zaino.</p>	Bronze
<p>NetworkEye Assoc. Prof. Dr. R. Badlishah Ahmad, Zahereel Ishwar Abdul Khalib, Md. Mostafijur Rahman.</p>	
<p>Zero Cross Correlation Code Encoder/Decoder for Optical Code Division Multiple Access (OCDMA) Ir. Anuar Mat Safar, Assoc. Prof. Dr. Syed Alwee Aljunid Syed Junid, Muhammad Imran Ahmad, Mat Nor Mohamad Ismail, Dr. Mohammad Naufal Saad, Syed Mohamad Hamzah Aljunid Syed Abdul Rahman.</p>	