

# UIMAP

Perkara V

## PENYELIDIKAN DAN PEMBANGUNAN



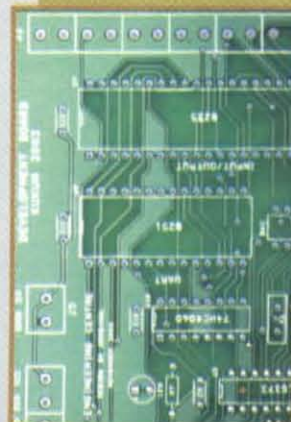


Bilangan Anugerah/Pengiktirafan Penyelidikan Di Peringkat Kebangsaan

Bil.	Pertandingan/ Pameran	Bilangan Penyertaan	Pingat			% Kemenangan
			Emas	Perak	Gangsa	
1.	Malaysian Technology Expo (MTE) 2008 (21-23 Feb 2008)	20	2	3	11	80%
2.	National Research & Innovation Competition (NRIC 2008) - Pelajar (20-22 Mei 2008)	10	1	1	2	40% Anugerah Khas: 'Best Invention & Innovation Award'
3.	Pameran BioMalaysia (7-9 Okt 2008)	10	1	-	5	60%
4.	International Invention, Innovation, Industrial Design & Technology Exhibition (ITEX) (9-11 Mei 2008)	39	2	11	15	70%

Bilangan Anugerah/ Pengiktirafan Penyelidikan Di Peringkat Antarabangsa

Bil.	Pertandingan/ Pameran	Bil. Penyertaan	Pingat			% Kemenangan
			Emas	Perak	Gangsa	
1.	Geneva 2008 - Switzerland (2-6 April 2008)	3	1	2	-	100%
2.	SIIF - Korea Selatan (11-15 Dis 2008)	39	2	11	15	72%
3.	INPEX 2008 - Pittsburgh Amerika Syarikat (11-14 Jun 2008)	3 (Layak 4 Kategori)	1	2	1	100% Anugerah Khas: 'Humanitarian Award'
4.	IENA 2008 - Jerman (30 Okt - 2 Nov 2008)	3	2	1	-	100% Anugerah Khas: 'Environment INNOVA 2008'
5.	EUREKA - Belgium (13-15 Nov 2008)	6	3	2	1	100%



Produk UniMAP



## Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>PERINGKAT ANTARABANGSA</b>			
<b>Ir. Mohd Ichwan Nasution</b>	Clay Filled Aluminum Product	Seoul International Invention Fair (SIIF) 2008	Emas
Prof. Dr. Shamsul Baharin Jamaludin			
Prof. Madya Che Mohd Ruzaidi Ghazali			
Faizul Che Pa			
Chek Idrus Omar	MOS Transistor For Education	Seoul International Invention Fair (SIIF) 2008	Emas
Prof. Dr. Uda Hashim			
Ramzan Mat Ayub			
Nur Hamidah Abdul Halim			
Mohammad Nuzaihan Md Nor	Sposorb: Biodegradable Adsorbent for Oil and Grease Removal	Seoul International Invention Fair (SIIF) 2008	Emas
Mohd Sallehudin Saad			
<b>Saiful Azhar Saad</b>			
Salsuwanda Selamat			
Che Zulzikrami Azner Abidin			
Dato' Prof. Dr. Kamarudin Hussin			
Suhardy Daud			
Dr. Khairul Nizar Ismail	Egg Shells As New Adsorbent For Waste Cooking Oil	Seoul International Invention Fair (SIIF) 2008	Perak
Rohazita Bahari			
Farizul Hafiz Kasim			
Khairuddin Md. Isa	Process Tomography Imaging Sensor	Seoul International Invention Fair (SIIF) 2008	Perak
Roshasmawi Abdul Wahab			
<b>Dr. Supri A. Ghani</b>			
Dr. Ir. Salmah Husseinsyah	Egg Shells As New Adsorbent For Waste Cooking Oil	Seoul International Invention Fair (SIIF) 2008	Perak
Prof Madya Che Mohd Ruzaidi Ghazali			
<b>Mohd Hafiz Fazalul Rahiman</b>	Process Tomography Imaging Sensor	Seoul International Invention Fair (SIIF) 2008	Perak
Zulkarnay Zakaria			
Nor Muzakkir Nor Ayob			
Mohd Rizal Manan			



Pameran 2008



### Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Saiful Azhar Saad</b>	Supasorb® : Adsorbents For Treatment Of Dyes Polluted Wastewater	Seoul International Invention Fair (SIIF) 2008	Gangsa
Naimah Ibrahim			
Che Zulikrami Azner Abidin			
Roshasmawi Abdul Wahab			
Khairuddin Md. Isa			
Nor Halina Haji Hassan			
Rohazita Bahari			
Suhardy Daud			
Mohd Nazry Salleh			
Farizul Hafiz Kasim			
<b>Hema C.R</b>	Intelligent Sensors For Reversing Vehicles	Eureka Innova Exhibition 2008, Brussels	Emas
Prof. Madya Dr. Paulraj Murugesu Pandiyan			
Prof. Dr. R. Nagarajan			
Prof. Dr. Sazali Yaacob			
Suhardy Daud			
Tengku Nadzlan Tengku Ibrahim	KAYAN 1: A Particle Board From Rice Husk	Eureka Innova Exhibition 2008, Brussels	Emas
<b>Prof. Madya Che Mohd Ruzaidi Ghazali</b>			
Mohd Nazry Salleh			
Farizul Hafiz Kassim			
Saiful Azhar Saad			
Prof. Dr. San Myint			
Khairuddin Md. Isa	An Intelligent Vehicle Fault Diagnosing System	Eureka Innova Exhibition 2008, Brussels	Perak
<b>Prof. Madya Dr. Paulraj Murugesu Pandiyan</b>			
Prof. Dr. Sazali Yaacob			
Nor Shaifudin Abd. Hamid			



Produk UniMAP

## Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Prof. Madya Zaliman Sauli</b>	Development Of Membranes Absolute Pressure Sensors (MAPs) Prototype	International Exhibition of Ideas-Inventions-New Products (iENA) 2008, Nuremberg, Germany	Emas
Prof. Madya Dr. Johari Adnan			
Prof. Madya Dr. Prabakaran Poopalan			
Ramzan Mat Ayub			
Hasnizah Aris			
Mohd Hatta Musa			
Razaidi Hussin	PC (Polystyrene Concrete)	International Exhibition of Ideas-Inventions-New Products (iENA) 2008, Nuremberg, Germany	Perak
<b>Mohd Mustafa Al Bakri Abdullah</b>			
Dato' Prof. Dr. Kamarudin Hussin			
Prof. Madya Che Mohd Ruzaidi Ghazali			
Norazian Mohamed Noor	Easy Fix Concrete Block	International Exhibition of Ideas-Inventions-New Products (iENA) 2008, Nuremberg, Germany	Perak
Mohammad Tamizi Selimin			
<b>Mohd. Mustafa Al Bakri Abdullah</b>			
Dr. Lim Ngau			
Norazian Mohamed Noor	Virtual Reality Arthroscopy Knee Reconstruction, VR-AKR	Invention and New Product Exposition (INPEX) 2008, Pittsburgh, USA	Emas (1) Perak (2)
Prof. Madya Dr. Kenneth Sundaraj			
<b>P.M. Dr. Mohamed Zulkali Mohamed Daud</b>	FOSjuice™: Fortified Fruit Juice	Invention and New Product Exposition (INPEX) 2008, Pittsburgh, USA	Gangsa
Noor Hasyierah Mohd Salleh			
Alina Rahayu Mohamed			
Ku Syahidah Ku Ismail	Development of Barium Strontium Titanate (BST) Based Sensors/Instrument	36th International Inventions, New Techniques and Products, Geneva, Switzerland	Emas
<b>Prof. Madya Dr. Johari Adnan</b>			
Prof. Dr. Zul Azhar Zahid Jamal			
Dr. Ir Zaman Suleiman Hussain			
Muhammad Asri Idris			
Sanna Taking			
Norhayati Sabani			
Nurjuliana Juhari			



Pameran MTE 2008



### Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Naimah Ibrahim</b>	PALM-Sorbent: Removal of Chromium Using Oil Palm Fibre	36th International Inventions, New Techniques and Products, Geneva, Switzerland	Perak
Masitah Hasan			
Salwa Mohd Zaini Makhtar			
Nazerry Rosmady Rahmat			
Razi Ahmad			
Mahyun Ab Wahab			
Azlinda Abdul Ghani			
<b>Alina Rahayu Mohamed</b>	Recycling Engineering of PCBs For Copper Recovery	36th International Inventions, New Techniques and Products, Geneva, Switzerland	Perak
Dato' Prof. Dr. Kamarudin Hussin			
P.M. Dr. Mohamed Zulkali Mohamed Daud			
Dr. Zarina Zakaria			
Khairul Farihan Kasim			
Ku Syahidah Ku Ismail			
Abdul Hallis Abdul Aziz			
<b>PERINGKAT KEBANGSAAN</b>			
<b>Mohd. Hafiz Fazalul Rahiman</b>	Process Tomography Imaging Sensor	Malaysian Technology Expo (MTE) 2008	Emas
Zulkarnay Zakaria			
Norasmadi Abdul Rahim			
Ahmad Faizal Salleh	MOS Transistor	Malaysian Technology Expo (MTE) 2008	Emas
<b>Prof. Dr. Uda Hashim</b>			
Nur Hamidah Abdul Halim			
Mohammad Nuzaihan Md Nor			
Mohd. Sallehudin Saad	SHOENIC: An Operating System For Embedded Applications	Malaysian Technology Expo (MTE) 2008	Emas
Ramzan Mat Ayub			
<b>Prof. Madya Dr. R. Badlishah Ahmad</b>	SHOENIC: An Operating System For Embedded Applications	Malaysian Technology Expo (MTE) 2008	Emas
Shuhaizar Daud			



Produk UniMAP



Senarai Kejayaan Dalam Pameran Penyelidikan 2008

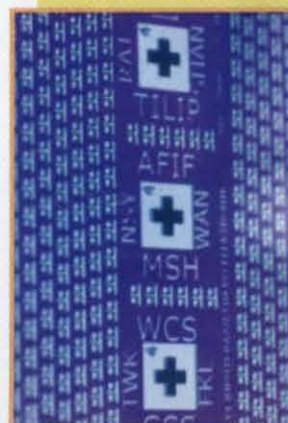
Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Saiful Azhar Saad</b>			
Khairuddin Md. Isa			
Roshasmawi Abdul Wahab			
Che Zulzikrami Azner Abidin	Supasorb: Adsorbents For Treatment Of Dyes Polluted Wastewater	Malaysian Technology Expo (MTE) 2008	Perak
Norhalina Haji Hassan			
Suhardy Daud			
Mohd. Nazry Salleh			
Rohazita Bahari			
Farizul Hafiz Kasim			
<b>Prof. Dr.R. Nagarajan</b>	GPS Controlled Walking Robot With Rotating Ultrasonic Sensor For Collision Avoidance And Map Building	Malaysian Technology Expo (MTE) 2008	Perak
Prof. Dr. Sazali Yaacob			
Bukhari Ilias			
<b>Prof.Madya Dr.Paulraj Murugesu Pandiyan</b>	An Expert System For Motorbike Engine Fault Diagnosis	Malaysian Technology Expo (MTE) 2008	Perak
Prof. Dr. Sazali Yaacob			
Mohd. Shukry Abdul Majid			
<b>Mohd Mustafa Al Bakri Abdullah</b>	Décor Polymer Concrete (DPC)	Malaysian Technology Expo (MTE) 2008	Gangsa
Prof. Madya Che Mohd Ruzaidi Ghazali			
Dato' Prof. Dr. Kamarudin Hussin			
Mohammad Tamizi Selimin			
Norazian Mohamed Noor			
Norzaidi Zainol			
<b>Prof.Madya Dr. Kenneth Sundaraj</b>	Bioface-Software For Biometrics Using Face Detection	Malaysian Technology Expo (MTE) 2008	Gangsa
Akbah A.Khalifa			
<b>Ahmad Faizal Salleh</b>	Powered Spacer For Metered Dose Inhaler	Malaysian Technology Expo (MTE) 2008	Gangsa
Md. Tasrif Abdul Rahman			
Dr Khaled Helmy			
Prof.Dr.Sazali Yaacob			
Muhammad Izham Ismail			



Pameran ITEX 2008

Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Ir. Mohd. Ichwan Nasution</b>			
Prof. Dr. Mohd. Nasir Zainal Arif			
Prof. Madya Che Mohd Ruzaidi Ghazali	New Approach To Aluminium Polymer Alloys	Malaysian Technology Expo (MTE) 2008	Gangsa
Prof. Dr Shamsul Baharin Jamaludin			
Faizul Che Pa			
Murizam Darus			
<b>Tulus Ikhlas Nasution</b>			
Prof.Madya Dr. Johari Adnan	Barium Strontium Titanate Ba1-XSRXtiO3 Thin Film Pressure Sensor	Malaysian Technology Expo (MTE) 2008	Gangsa
Prof. Dr. Zul Azhar Zahid Jamal			
Prof. Madya Zaliman Sauli			
Muhammad Asri Idris			
Mohd Hafiz Ismail			
Nurjuliana Juhari			
<b>Baharuddin Ismail</b>			
Prof. Madya Dr. Soib Taib	Microcontroller Based SPWM Full Bridge Single Phase Inverter	Malaysian Technology Expo (MTE) 2008	Gangsa
Prof. Dr. Chemat Hadzer Mahmod			
Muzamir Isa			
Muhammad Imran Ahmad			
Zainuddin Mat Isa			
Ahmad Zaker Roslan			
<b>Azremi Abdullah Al-Hadi</b>			
Soh Ping Jack	A Compact Planar & Highly Efficient Antenna For WLAN Application	Malaysian Technology Expo (MTE) 2008	Gangsa
Mohamad Ezral Baharudin			
Por Chee Seong			
Mohamad Suhaizal Abu Hassan			
Nurul Husna Mohd. Rais			
Saidatul Norlyana Azemi			
Norra Sheilla Razali			



Produk UniMAP



**Senarai Kejayaan Dalam Pameran Penyelidikan 2008**

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Mohd. Azaman Md. Deros</b>	Development Of A Lighting System For Automative	Malaysian Technology Expo (MTE) 2008	Gangsa
Shayfull Zamree Abd Rahim			
Mohd Sazli Saad			
Muhammad Nasir Murad			
Badrul Azmi Abdul Holed			
<b>P.M. Dr. Paulraj Murugesu Pandiyan</b>	An Intelligent Real Time System for Converting Sign Language Into Voice	Malaysian Technology Expo (MTE) 2008	Gangsa
Dr. Hazry Desa			
Prof. Dr. Sazali Yaacob			
Hema C.R			
<b>Prof. Madya Dr. Johari Adnan</b>	BST Thinfilm Sensor For Measurement Of Distance	Malaysian Technology Expo (MTE) 2008	Gangsa
Prof. Dr. Zul Azhar Zahid Jamal			
Muhammad Asri Idris			
Nurjuliana Juhari			
<b>Prof. Dr Sazali Yaacob</b>	Intelligent Diagnosing System For Voice Disorders	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Emas
P.M Dr. Paulraj Murugesu Pandiyan			
M. Hariharan			
<b>Ragunathan a / I Santiago</b>	X-Waste Brick: Novel Brick From Waste	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Emas
Dato' Prof. Dr. Kamarudin Hussin			
Dr. Khairul Nizar Ismail			
Che Zulzikrami Azner Abidin			
Nurul Izza Abd Hamid			
Mahyun Abd. Wahab			
Wan Mohd Sabki Wan Omar			
<b>Norazian Mohamed Noor</b>	Statistical Software For Fitting Distribution And Estimating Missing Values In Environmental Data Sets	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
Prof. Madya Ahmad Shukri Yahaya			
Mohd. Mustafa Al Bakri Abdullah			
Mohd. Lutfi Zainudin			



Pameran ITEX 2008



Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Abdul Haqi Abdullah</b> Ayu Wazira Azhari Mahyun Ab. Wahab Salwa Mohd. Zaini Makhtar	Concrete Sludge Brick	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
<b>Mohd Mustafa Al Bakri Abdullah</b> Prof. Madya Che Mohd Ruzaidi Ghazali Dato. Prof. Dr. Kamarudin Hussin Norazian Mohamed Noor Norzaidi Zainol Mohammad Tamizi Selimin	Modified Polymer Artificial Aggregates	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
<b>Dr. Supri A. Ghani</b> Prof. Dr. Mohd. Nasir Zainal Arif Dr. Ir. Salmah Husseinsyah Dr. Ir. Suryadiansyah Prof. Madya Che Mohd. Ruzaidi Ghazali Siti Shuhadah	NESm: Modified Nano EggShells Based Composites System	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
<b>Ragunathan a/I Santiagoo</b> Prof. Dr. Zuraidah Mohd. Zain Wong Yee Shian Nurhawani Halim Muhammad Izham Ismail	Easy Pyro-Reactor	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
<b>Suhardy Daud</b> Tengku Nazlan Tengku Ibrahim Farizul Hafiz Kasim Mohd. Nazry Salleh P.M. Ir. Mohabattul Zaman SNS Bukhari Saiful Azhar Saad Khairuddin Md. Isa Wan Su Haron	Kayan 2: A Panel Board From Rice Straw	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak



Produk UniMAP



## Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Prof. Madya Che Mohd. Ruzaidi Ghazali</b>	Agro Fiber Deco Panel	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
Dato' Prof. Dr. Kamarudin Hussin			
Mohd Mustafa Al Bakri Abdullah			
Norazian Mohamed Noor			
Norzaidi Zainol			
Mohd Radzi Ali			
<b>Suhardy Daud</b>	Domigreasae - Grease From Dolomite	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
Dato' Prof. Dr. Kamarudin Hussin			
Tengku Nazlan Tengku Ibrahim			
Farizul Hafiz Kasim			
Mohd. Nazry Salleh			
Dr. Mohd Nazree Deraman			
Shaiful Rizam Shamsuddin			
Saiful Azhar Saad			
Prof. Dr San Myint			
Khairuddin Md. Isa			
<b>Dr. Ir. Salmah Husseinayah</b>	Coconut Shell Powder Particle Board	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
Prof. Madya Che Mohd Ruzaidi Ghazali			
Dr. Supri A. Ghani			
Dr. Ir. Suryadiansyah			
Mohd Nasir Ibrahim			
Ismail Ibrahim			
Prof. Dr. Mohd. Nasir Zainal Arif			
<b>Dr. Md. Fazlul Bari</b>	Silica Nano-Tube Immobilized With Cyanex 272 For Environmental Application	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Perak
Dato.' Prof. Dr. Kamarudin Hussin			
Prof. Dr. Shamsul Baharin Jamaludin			
Prof. Madya Che Mohd Ruzaidi Ghazali			
Mst. Noorzahan Begum			

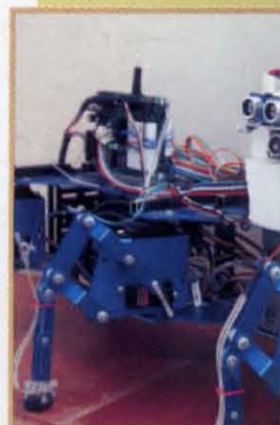


Pameran ITEX 2008



### Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Prof. Dr. San Myint</b>			
Prof. Madya Che Mohd Ruzaidi Ghazali	Sound Insulation Composite Board From Waste Tire Dust & Rice Straw	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Prof. Dr. Mohd Nasir Zainal Arif			
Suhardy Daud			
Muhammad Syafiq Azmi			
<b>Prof. Madya Dr. Johari Adnan</b>	Instrument For Detecting High Pressure Pulse In High Temperature Gaseous Flow Based On Barium Strontium Titanate (BST) Sensor	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Prof. Dr. Zul Azhar Zahid Jamal			
Nurjuliana Juhari			
<b>Zainuddin Mat Isa</b>	Microcontroller Based SINUSOIDAL Pulse Width Modulation (SPWM) Signal Generator	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Prof. Madya Dr. Soib Taib			
Baharuddin Ismail			
Muzamir Isa			
Mohd. Fayzul Mohamed			
Siti Rafidah Abdul Rahim			
Syahrul Ashikin Azmi			
Muhammad Imran Ahmad			
Shuhaimi Zakaria@Abdullah			
Mohd Azlizan Moh Adib			
<b>Dr. Khairul Nizar Ismail</b>	UniMAP Interlocking Pavers	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Dato' Prof. Dr. Kamaruddin Hussin			
Wan Mohd Sabki Wan Omar			
Mokhzani Khair Ishak			
Libren Anak Francis Dublin			
Noridayu Ismail			
<b>Prof. Dr. Uda Hashim</b>	Electron Beam Lithography (EBL)	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Nur Hamidah Abdul Halim			
Mohammad Nuzaihan Md Nor			
Sutikno Md. Nasri			



Produk UniMAP



### Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Muhammad Imran Ahmad</b>			
Mohd Nazrin Md Isa	Development Of Multilevel Inverter Control IC Using FPGA Chip	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Hasliza A. Rahim			
Baharuddin Ismail			
Zainuddin Mat Isa			
<b>Dr. Ir Suryadiansyah</b>			
Prof. Madya Che Mohd. Ruzaidi Ghazali	Virgin Coconut Oil and Derivates	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Dato. Prof. Dr. Kamarudin Hussin			
Dr. Supri A. Ghani			
Dr. Ir. Salmah Hussein			
Prof. Dr. Mohd. Nasir Zainal Arif			
<b>Tulus Ikhlas Nasution</b>			
Prof. Madya Dr. Prabakaran Poopalan	Thin Film Light Sensors Based on New Sensing SnTiO <sub>3</sub>	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Prof. Madya Zaliman Sauli			
Hasnizah Aris			
Mohd Hafiz Ismail			
Nur Hamidah Abdul Halim			
Roslin Jamaludin			
Mohd Fhaizal Radzi			
<b>Khairuddin Md Isa</b>			
Farizul Hafiz Kasim	HNR- Cellobod As Heat And Noise Resistance Materials	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Suhardy Daud			
Mohd. Nazry Salleh			
Saiful Azhar Saad			
<b>Sri Asliza Md. Amin</b>			
Dr. Mohd Nazree Deraman	Biocompatible Natural Hydroxyapatite	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Mohd. Zaheruddin Kasmuin			
Norsuria Mahmed			
Azida Azmi			
Shahrizal Md Hussein			



Pameran ITEX 2008



Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
<b>Norazian Mohamed Noor</b>			
Mohd. Mustafa Al Bakri Abdullah	Paper From Sugarcane Bagasse	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Prof. Madya Che Mohd. Ruzaidi Ghazali			
Ain Nihla Kamarudzaman			
Ahmad Nurhilmi Abdul Gani			
<b>Prof. Dr. San Myint</b>			
Prof. Madya Che Mohd. Ruzaidi Ghazali	Manufacturing Paint Using Waste Expanded Polystyrene Foam (EPS)	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Suhardy Daud			
Mohammad Salihin Zakaria			
<b>Nurjuliana Juhari</b>			
Muhammad Asri Idris	Solar Hydrogen Power Generator: Fuel Of The Future	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Prof. Madya Dr. Johari Adnan			
Prof. Dr. Zul Azhar Zahid Jamal			
<b>P.M Dr. Mohamed Zulkali Mohamed Daud</b>			
Noor Hasyierah Mohd Salleh	IconTM: Production Through Immobilized In Tandem Counter Current Converter	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Hafiza Abd Shukor			
Ku Syahidah Ku Ismail			
Md. Nabil Ab. Adzim Saifuddin			
<b>P.M Dr. Mohamed Zulkali Mohamed Daud</b>			
Noor Hasyierah Mohd Salleh	K-GlucanTM: Potent Fungal Immunomodulatory Agent	19th International Invention, Innovation, Industrial Design & Technology Exhibition	Gangsa
Hafiza Abd Shukor			
Khairul Farihan Kassim			
Md. Nabil Ab. Adzim Saifuddin			
<b>Dr. Zarina Zakaria</b>			
Khairul Farihan Kassim	Pamelo Tissue Culture For Antioxidant Enrichment Health Product	Pameran Bio Malaysia 2008	Emas
Ku Syahidah Ku Ismail			
Nor Alina Mohd. Nazri			
Alina Rahayu Mohamed			
Azlinda Ali			



Produk UniMAP



### Senarai Kejayaan Dalam Pameran Penyelidikan 2008

Nama Penyelidik	Produk Penyelidikan	Pameran	Pingat
Prof. Madya Dr. Kenneth Sundaraj	Trainee Haptic Dental Simulator	Pameran Bio Malaysia 2008	Gangsa
Prof. Madya Dr. Kenneth Sundaraj	Biceps Tendonitis Rehabilitation Monitor	Pameran Bio Malaysia 2008	Gangsa
Chong Yee Lin			
Prof. Dr. Uda Hashim			
Norbi Hayati Mohd Noor	Nanogap Capacitor Sensor	Pameran Bio Malaysia 2008	Gangsa
Muhammad Emi Azri Shohini			
Prof. Dr. Uda Hashim			
Mohd Khairuddin Md Arshad	ISFET For pH Measurement	Pameran Bio Malaysia 2008	Gangsa
Chin Seng Fatt			
Zulkifli Husin	A Low Cost Embedded System For Portable Herb Leaves	Pameran Bio Malaysia 2008	Gangsa
Prof. Madya Dr. R. Badlishah Ahmad			



Booth UniMAP di Pameran ITEC 2008

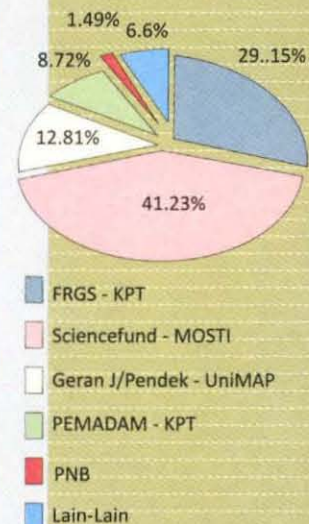


Pameran ITEC 2008



## Statistik Perolehan Geran Penyelidikan (2008)

Sumber Dana / Tahun	2008 (RM)
FRGS - KPT	1,170,100.00
Sciencefund - MOSTI	1,655,390.00
Geran Jangka Pendek - UniMAP	514,482.00
IRPA - KPT	-
FELDA	-
Astronotic	-
PEMADAM - KPT	350,000.00
PNB	59,980.00
Lain-Lain	265,000.00
<b>JUMLAH</b>	<b>4, 014, 952.00</b>



## Senarai Produk Penyelidikan Diluluskan Paten Drafting 2008

Penyelidik	Produk
<b>Brigedier Jeneral Dato' Prof. Dr Kamarudin Hussin</b> Prof Dr Shamsul Baharin Jamaludin Prof Madya Che Mohd Ruzaidi Ghazali Dr Khairul Nizar Ismail Mohd Sobri Idris Mohd Nazry Salleh	KUKUM Artificial Marble
<b>Ragunathan A/L Santiago</b> Dr. Ir. Salman Hissiensyah Azlinda Abdul Ghani Prof.Madya Che Mohd Ruzaidi Ghazali Roshasmawi Abdul Wahab	Method of Making Recycle-able High Strength Composites for Partion Walls & Floor Pavement.
<b>Prof. Dr. Uda Hashim</b> Mohammad Nuzaihan Md Nor Nur Hamidah Abdul Halim	Silicon Nanowires
<b>Suhardy Daud</b> Prof Dr Shamsul Baharin Jamaludin Prof Madya Che Mohd Ruzaidi Ghazali Mohd Nazry Salleh Farizul Hafiz Kassim Saiful Azhar Saad Tengku Nadzlan Tengku Ibrahim Wan Su Haron	Kayan 1: A Particle Board From Rice Husk



Produk UniMAP



### Senarai Produk Penyelidikan Diluluskan Paten Drafting 2008

	Penyelidik	Produk
5	<b>Mohd Ichwan Nasution</b> Prof. Dr. Shamsul Baharin Jamaludin Prof Madya Che Mohd Ruzaidi Ghazali Faizul Che Pa Chek Idrus Omar	Clay Filled Aluminum Product
6.	<b>Soh Ping Jack</b> Arzemi Abdullah Al- Hadi Mohd Ezanuddin Abdul Aziz Mohamad Ezral Baharudin Prof Madya Dr R.Badlishah R.Ahmad	The Design Of Dielectric Loaded Helical Antenna For Local Area Network (WLAN) Applications
7	<b>Azremi Abdullah Al- Hadi</b> Soh Ping Jack Prof Madya Dr R. Badlishah Ahmad Suhaizal Abu Hassan Mohamad Ezral Baharudin CS Por Saidatul Norylyana Azemi Nurul Husna bt Mohd Rais	A Compact Planar And Highly Efficient Antenna For WLAN Applications

### Senarai Produk Penyelidikan Melempi Peringkat 'Carian Novelty' Harta Intelek 2008

	Penyelidik	Produk
1	<b>Mohd. Mustafa Al-Bakri Abdullah</b> Brigedier Jeneral Dato' Prof. Dr. Kamarudin Hussin Prof Madya Che Mohd Ruzaidi Ghazali Dr. Khairul Nizar Ismail NorZaidi Zainol Mohd Tajuddin Idris	PC (Polystyrene Concrete)
2	<b>Mohd. Mustafa Al-Bakri Abdullah</b> Dr. Lim Ngau Norazian Mohamed Noor Abu Hassan Abdullah	Easy Fix Concrete Block
3	<b>Prof. Madya Zaliman Sauli</b> Prof. Madya Dr. Johari Adnan Prof. Madya Dr. Prabakaran Poopalan Ramzan Mat Ayub Hasnizah Aris Rizalafande Che Ismail Sohiful Anuar Zainol Murad Azuwir Md Nor Abu Hassan Abdullah Mohd Hatta Musa Razaidi Hussin	Development of Mems Manifold Absolute Pressure Sensor (MAPs) Prototype
4	<b>Dr. Paulraj M.P</b> Prof. Dr. Sazali Yaacob Nor Shaifudin Abd. Hamid	An Intelligent Vehicle Fault Dianogsing System



Pameran MTE 2008



**Senarai Produk Penyelidikan Melepasi Peringkat  
'Carian Novelty' Harta Intelek 2008**

	Penyelidik	Produk
5	<b>Dr. Supri A.Ghani</b> Dr Ir. Salmah Prof Mohd Nasir Zainal Ariff Prof Madya Che Mohd Ruzaidi Ghazali Azmi Aziz Ku Hasrin Ku Ariffin	Egg Shell As Absorbent For Waste Cooking Oil
6	<b>Mohd. Hafiz Fazalul Rahiman</b> Zulkarnay Zakaria Norasmadi Abdul Rahim Ahmad Faisal Salleh	Process Tomography Imaging Sensor
7	<b>Prof. Madya Dr. R Badlishah Ahmad</b> Shuhaizar Daud Prof. Madya Dr. Mohd Rizon Mohamed Johari	SHOENIX: An Operating System For Embedded Applications
8	<b>Prof. Dr. Uda Hashim</b> Ramzan Mat Ayub Nurhamidah Abdul Halim Mohammad Nuzaihan Md. Nor Mohd Sallehuddin Saad	MOS Transistor
9	<b>Saiful Azhar Saad</b> Salsuwanda Selamat Che Zulzikrami Azner Abidin Brigedier Jeneral Dato' Prof Dr. Kamarudin Hussin Dr. Khairul Nizar Ismail Abdul Haqi Ibrahim	Sphogsorb: Biodegradable Adsorbent For Oil And Grease Trap
10	<b>Saiful Azhar Saad</b> Salsuwanda Selamat Che Zulzikrami Azner Abidin Dr. Khairul Nizar Ismail Rohasmawi Abdul Wahab Khairuddin Md. Isa Rohazita Bahari Suhardy Daud Mohd Nazry Salleh Farizul Hafiz Kasim	Supasorb®: Adsorbents For Treatment Of Dyes Polluted Wastewater
11	<b>Soh Ping Jack</b> Azremi Abdullah Al-Hadi Prof Madya Dr R.Badlishah Ahmad Saidatul Norlyana Azemi	Multiband Rugged Bow - Tie Antenna for Outdoor Application
12	<b>Suhardy Daud</b> Tengku Nadzlan Tengku Ibrahim Farizul Hafiz Kasim Mohd Nazry Salleh Saiful AzharSaad San Myint Khairuddin Md. Isaa	Grease From Dolomite



Produk UniMAP



Penerbitan Artikel Dalam Jurnal-jurnal Lain/ Biasa

Bil.	Pusat Tanggungjawab	2008
1.	PPK Bioproses	4
2.	PPK Alam Sekitar	1
3.	PPK Komputer & Perhubungan	15
4.	PPK Mekatronik	20
5.	PPK Bahan	29
6.	PPK Mikroelektronik	7
7.	PPK Sistem Elektrik	2
8.	PPK Pembuatan	2
9.	Pusat Kemahiran Komunikasi & Keusahawanan	-
10.	Institut Matematik Kejuruteraan	5
<b>JUMLAH</b>		<b>85 (Peningkatan 10%)</b>

Penerbitan Artikel Dalam Prosiding Di Peringkat Tempatan & Antarabangsa

Bil.	Pusat Tanggungjawab	2008
1.	PPK Bioproses	23
2.	PPK Alam Sekitar	24
3.	PPK Komputer & Perhubungan	94
4.	PPK Mekatronik	100
5.	PPK Bahan	71
6.	PPK Mikroelektronik	13
7.	PPK Sistem Elektrik	34
8.	PPK Pembuatan	38
9.	Pusat Kemahiran Komunikasi & Keusahawanan	41
10.	Institut Matematik Kejuruteraan	17
<b>JUMLAH</b>		<b>455 (Peningkatan: 10%)</b>



Pameran MTE 2008





**Bilangan Staf Yang Menjadi Pakar Runding Projek Dan Program Antarabangsa**

No	Name (s)	Projects/ International Programs	Institution/ Company	Collaboration Area
1.	Prof. Madya Mohamed Murray Hunter	Visiting Professor International Marketing, BBA (International) 2007/2008	Prince of Songkla University	Visiting Professor Faculty of Management Science Prince of Songkla University
		Visiting Professor	Walailak University Thailand	Visiting Professor Walailak University Thailand
2.	Prof. Dr. Mohd Noor Ahmad	ISOEN International Symposium on Olfaction & e-Nose (2007)	St. Petersburg, Russia	Invited Speaker
3.	Prof. Dr. Uda Hashim	Visiting Lecturer	IIT, Mumbai India	Giving lecture to Micro-electronic research group, Faculty of Electrical and Electronic, IIT Mumbai
		Asia Pacific Strategic Meeting on Nanotechnology Industry (2008) - in Taipei, Taiwan.	Asian Productivity Organization,(APO) Japan & Taiwan Productivity Centre.	Representing Malaysia for meeting and presented paper titled Nanotechnology Development status in Malaysia
4.	Dato' Ir. Dr. Nordin Yunus	Visiting Professor (2005/2008) (Industrial Management Program Master in Engineering Department of Industrial Engineering)	Faculty of Engineering, Prince of Songkla University, Hatyai, Songkhla, Thailand.	Lecture in Project Management with special emphasis on project planning, budgeting, scheduling and control.
5.	Prof. Madya Dr. Prabakaran Poopalan	Research project on Optical Sensor on oil Well & Oil Rig. Title: Real Time Downhole Multiphase Flow Oil & Gas Sensors	PETRONAS & University of Tulsa, Oklahoma.	Research Collaboration & Consultant

**Kumpulan Wang Konsultansi UniMAP**

**Penyata Terimaan Wang Bagi Program-program Konsultansi (2004-2008)**

No	PTJ	Program	2008 (RM)
1.	PKI	Tabung Konsultansi - Agilent	138,306.00
2.	Pusat Kejuruteraan	Tabung Konsultansi - Khidmat PCB	3,837.70
3.	PPK Bahan	Kerja Perundingan/Pengujian	2,700.00
4.	Pusat Kejuruteraan	Teaching Factory - Modenas, Gurun	6,100.00
5.	PKI	Tabung Konsultansi - INSEP	203,970.00
6.	PKI	Tabung Kons-Institut SUEL-UKM - (PPK MikroE)	16,920.00
7.	PKI	Tabung Konsultansi Kursus B.Inggeris (PKKK)	10,500.00
8.	ICT	Jawatankuasa Kerja Pembangunan Laman web Sukan Univeristi ASEAN AUG: 2008	350,000.00
<b>JUMLAH</b>			<b>732,333.70</b>

PKI - Pusat Kerjasama Industri, ICT - Pusat Teknologi Maklumat

