



**MINDS** MINDS (Malaysian Invention & Design Society)

34<sup>TH</sup> INTERNATIONAL EXHIBITION OF INVENTIONS, NEW  
TECHNIQUES & PRODUCTS - GENEVA, SWITZERLAND (5-9 April  
2006)

No.	Company	No. of Inventions	Invention	Award
1	<b>UPSI Sultan Idris University of Education</b>	4	1) Computer-based collaborative and exploratory learning( CCEL) – a web-based learning environment courseware powered by MOODLE 2) Interactive and collaborative multimedia courseware: Biology-integrated CD-ROM courseware with web technology 3) CD Pusaka 1 4) Ecology's Teaching and Learning Module	- Silver  - Bronze  - Bronze
2	<b>KUKUM (Northern Malaysia University College of Engineering)</b>	4	1) Affordable and effective microelectronic engineering teaching package for undergraduate programme. This package consists of three main elements: 1.cleanroom design and specifications, 2.micro and nano fabrication process modules, 3.process recipes ( <b>Uda Hashim et. al</b> ) 2) Biometric identification: Face recognition system based on iris detection ( <b>Dr Rizon Mohd Juhari</b> ) 3) KUKUM Artificial marble- an innovative product based on the combination of polymer resin & dolomite to create an artificial material that outperform and looks like natural marble physically, thermally and mechanically.( <b>Prof Dr Kamarudin Hussin</b> ) 4) Distributed campus time attendance system applied through UPN network, accessible via intranet and internet personalised portal. ( <b>Nasrudin Abd Shukor</b> )	- Silver  - Silver  - Gold
3	<b>Malaysia Rubber Board</b>	2	1) Production of protein powder from natural rubber serum as source of industrial biochemicals ( <b>Dr Zairossani</b> ) 2) An environmentally friendly alternative method for processing waste latex into value-added raw materials to achieve zero discharge ( <b>Devaraj Veerasamy</b> )	- Silver  - Gold, Special Prize from Romania ( unofficial)
4	<b>UNIMAS (Universiti Malaysia Sarawak)</b>	9	1) Palm oil tree calculator 2) Rapid hydrolysis of sago starch into glucose as substrate for L-lactic acid production 3) Bio-composite sago bark waste for interior decoration products 4) Informative design on textiles for the visually impaired 5) Fibreboard from sago waste using natural enzyme 6) Intelligent Image finder 7) A separator for removal of oils and grease from kitchen waste water 8) Assistive device for fracture healing 9) EASy WEAR: Patient attire in hospital wards	- Silver - Gold - Gold, Special Prize Governor of Taiwan - Gold - Gold , Special Prize from Swiss Re - Silver  - Bronze - Silver, Special Award from Romania
5	<b>MMU (Multimedia University)</b>	1	1) Synthesizing the semiconducting nano crystalline materials by the novel approach of using microwave	- Bronze
6	<b>UniKL</b>	2	1) QELCERA – Ceramic Microsphere Coating for	- Bronze

	(University of Kuala Lumpur)		2) automotive components ODOREQ – Coconut shell derivative activated carbon for odour removal	- Gold, Special Prize from Romania (unofficial)
7	Malaysian Cocoa Board	3	1) Feeding the enemy for self destruction 2) Cocoa butter emulsion 3) MCB's biocontrol agent	- Bronze - Special Prize from Croatia (unofficial) - Gold
8	YGAHO Corporation Sdn Bhd	1	1) Yigaho Winter Wheatgrass (with roots)	- Gold
9	Dykas Industries Sdn Bhd	1	1) Float valve	- Gold, Special Award from KIPA
10	Corentix Technologies Sdn Bhd	1	1) Biometric –biohashing technology for face & biometric recognition	- Bronze
11	INS Enterprise Sdn Bhd	3	1) InsuproForte 2) DKL 3) So Easy	- Silver - Gold - Silver
12	Malaysian Oil Palm Board	4	1) Palm based additive to improve lubricity of Ultra low sulphur diesel( <b>Cheng Sit Foon et al</b> ) 2) Palm based cleaning agent ( <b>Cheng Sit Foon et al</b> ) 3) Natural polyol for 2K PU coatings ( <b>Dr Salmiah et al</b> ) 4) Alpha-sulphonated methyl ester from palm oil ( <b>Dr Salmiah &amp; Zulina Abd Maurad</b> )	- Silver - Silver - Gold - Silver
13	MIROZA LEATHER Sdn Bhd	1	1) Safety handbag- Anti theft injury handbag	- Bronze