

CATEGORY: UNIVERSITY

1. UNIVERSITY: UNIVERSITI PUTRA MALAYSIA (UPM)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Mohd. Na'im Abdullah Samira Eshghi	Intergrated Co Powering Scheme For Green Aircraft Design Concept	-	Classed A	019-9693252 / daabstrax@gmail.com
2.	Pua Ming Yee	A Rolled Tart Machine	-	Classed F	017-6412290 / puamingyee@yahoo.com
3.	Hoo Kin Hoe	Multi-Ezy Cutter	-	Classed F	016-6461813 & 0127309398 / aguan2138@hotmail.com
4.	Wan Mohd Fadli Wan Mohktar	Modeling Simulation And Control Of Fouling As Disturbance In Pasteurization Process Of Pink Guava Puree	Farah Saleena Taip Norashikin Abdul Aziz	Classed A	012-9647156 & 03-86466357 / fadli_utm@yahoo.com, saleena@eng.upm.edu.my, sykeen@eng.upm.edu.my
5.	Ng Lay Tze	Pitaya Fruit Powder As A Natural Food Colourant	Yus Aniza Yusof, Chin Nyuk Ling	Classed C	017-3988007 / lizhi0104@hotmail.com
6.	Tan Seah Wei	Pelleting Of Rice Straw, Sugarcane Bagasse, Soybean Residue And Napier Grass As Biomass Fuel	Yus Aniza Yusof, Chin Nyuk Ling	Classed A	016-5464971 / xuewei_22@hotmail.com
7.	Fadhlina Jamaludin Ezaneegires	Micro Gas Turbine Engine Performance Test Rig	-	Classed B	03-89466272/73/ fadhlina_j@yahoo.com, ezaneegires@gmail.com
8.	Nurdiyana bt Jambari, Nurul Syafiena bt Sarkawi, Nurfarhana bt Nasrudin, Nur Malina bt Ilis	Automated Fall Detection System For Motorcyclist	Dr. Syamsiah Mashohur Dr. Khairulmizam Samsudin	Classed B	013-2116734 yanadj28@gmail.com

Participants

2. UNIVERSITY: UNIVERSITI MALAYSIA PAHANG (UMP)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Mohd Zulfadli Juhari Ahmad Faiz Nasir	Application Of Biofilter System For Domestic Wastewater Treatment	Noor Suraya Binti Romali	Classed A	09-5492972/ 012-9308645/ 017-9321896 nsurayar@yahoo.com
2.	Marizuana Mat Daud	Night Car Lamp Auto Beam Control	Rohana Abdul Karim	Classed G	019-9774384 darissa_rizz88@yahoo.com/ rohanaak@ump.edu.my
3.	Nadia Faira Mat Zali, Surain Binti Sazali	Artificial Aggregate Using Foamed Concrete (AAFC)	-	Classed D	017-9272819/013-9423682 nafamz@gmail.com
4.	Norziatul Husna Mohd Ridzuan, Siti Aisyah Jamil	Green Concrete Using Egg Albumen	-	Classed D	013-7184247/019-9522126 whosena_ridz@yahoo.com/ rokiah@ump.edu.my
5.	Muhammad Iqram Zulkifli, Muamar Zul Ikhwan Mohd Nazeri	Sustainable And Green Technology : Integrated Reed –Rice Bed For Landfill Leachate Treatment	Siti Fatimah Hj Che Osmi	Classed A	09-5493015 fatimanco@ump.edu.my
6.	Nor Aisahton Binti Junet Suhaila Baharudin Nor Alia Atiqah Ahmad Rohaidi Norbaizurah Rahman	UMP-MPK Smart Partnership Via SusTIA FWM – Sustainable Traffic Impact Consulting Services	Adnan Zulkiple	Classed B	019-9866815 adnanz@ump.edu.my
7.	Muhammad Azizuddin Mohd Haris, Nurul Muhammad Bin Ahmad	Sustainable And Green Technology: Limestone Filter For Domestic Wastewater Treatment	Nadiyah Bt Mokhtar	Classed A	09-5492968 nadiyah@ump.edu.my
8.	Nurul Azreen Abdul Ghani Nur' Ain Abdullah				

Participants

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
9.	Raja Nurshafarin Raja Osman Nor Hidayah Dahari	A Sustainable Drinking Water Supply From Rain Water Harvesting By A Submerged Bio-Membrane Reactor (MEMRAIN)	Dr. Zularisam Ab Wahid	Classed A	012-7575476 zularisam@ump.edu.my
10.	Nurain Binti Mohd Yusoff	Sustainable Production Of Alternative Sweetener From Empty Fruit Bunch Using Membrane Bioreactor (Waste To Wealth)	Dr. Mimi Sakinah Abdul Munaim	Classed C	019-9410435 / 019-9221475 mimisakinah@gmail.com
11.	Azimah Bt Saman	Sustainable Production Of Natural Dye From Waste Using Membrane Reactor (Waste To Wealth)	Dr. Mimi Sakinah Abdul Munaim	Classed C	019-9410435 / 019-9221475 mimisakinah@gmail.com
12.	Noor Izyannisa' Binti Sarjuni	The Fabrication Of Antibacterial Composite From Bacterial Cellulose And Betel Leaves	Zatul Iffah Binti Mohd Arshad	Classed C	017-2265579 / 09-5492927 zatul@ump.edu.my
13.	Aishah Binti Che Mohd	Expert System For Final Year Project Student-Supervisor Usiang Matchmaking Algorithm	Aziman Abdullah	Classed E	019-9059544 / 013-9844671 aziman@ump.edu.my echa.jocasta@gmail.com
14.	Mohd. Herzwan bin Hamzah Mohd. Saufi	Development of A Portable Furnace for Non Ferrous Metal	Dr. Rizalman Mamat	Classed F	0145116350 rizalman@ump.edu.my
15.	Maran Pillai A/L Thandayithabani	Solar Powered Mini Golf Cart/Buggy	Nor Maniha Binti Abdul Ghani	Classed G	013-9603028 / 012-2544188/ 013-9975896 / pillaimaran@ yahoo.com, aimanc9@gmail.com
16.	Tan Piow Yon Lee Kong Haur	Two Wheels Balancing Balbots With Automatic Controlled	Nor Maniha Binti Abdul Ghani	Classed G	012-6774001/012-8604494 pokemon_tpy@hotmail.com
17.	Mohd Firdaus Bin Mohd Yasin	Plant Watering Robot Using Solar	Nor Maniha Binti Abdul Ghani	Classed A	014-5006977 dede1877@gmail.com

Participants

3. UNIVERSITI: UNIVERSITI MALAYSIA TERENGGANU (UMT)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Muhamad Hilmi Bin Mohd Zin Mohd Amirrudin Bin Jaafar Muhamad Razif Bin Muhamad Zaki	Generating Power Through Wave / Air Displacement Within Confine Compartment	Prof. Madya Dr. Mohd Zamri Bin Ibrahim	Classed A	017-7068107 hilmizin@gmail.com
2.	Muhammad Hafizi Bin Ahmad Hisham, Mohd Khairul Anas Bin Mohd Nizar, Azahari Firdaus Bin Zamahuri	Power Bumper	Prof. Madya Dr. Mohd Zamri Bin Ibrahim	Classed A	014-5120772/ 014-5377493 anasnizar808@gmail.com fizzy1987@gmail.com

4. UNIVERSITI: UNIVERSITI TEKNOLOGI MALAYSIA (UTM)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Siti Nurhidayah Mohamad	Pyrro-MC – Novel Natural Membrane	PM Dr. Ida Idayu Muhamad	Classed A	Dr Ida Idayu Muhamad 0167393876 idayu@cheme.utm.my
2.	Eraricar Salleh	CLAS – Structurally Modified Antimicrobial Gel	PM Dr. Ida Idayu Muhamad	Classed C	Dr Ida Idayu Muhamad 0167393876 idayu@cheme.utm.my
3.	Nazirah Hanim Sharipudin Nik Nur Zuliyana Mohd Rajdi Gan Hong Seng	Microfluidics Cloth-Based Analytical Devices (MCADs)	Dr. Dedy H.B Wicaksono Azadeh Nilghaz	Classed C	012-9287121 nazirah.mppputm@gmail.com
4.	Mohd Azahar Bin Che Abdullah Trias Andromeda	Low Cost Gel Electrophoresis Unit with New Design Improvement	Dr. Azli Yahya, Dr. Razauden Zulkiflee Muhammad Arif PM Dr. Mohammed Rafiq	Classed G	07-5535437/ 012-3837347 mazaharabdullah@gmail.com trias1972@gmail.com azli@fke.utm.my razauden@fbb.utm.my

Participants

5. UNIVERSITI: UNIVERSITI TEKNOLOGI MARA (UiTM) KEDAH

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Nur Azyani Abd Rahman	SourLemo	Assoc. Prof Dr. Maznah Wan Omar	Classed A	Assoc. Prof. Dr. Maznah Wan Omar 019-4446010 maznah199@kedah.uitm.edu.my
2.	Nur Jannah Ismail	Wind Power	Assoc. Prof Dr. Maznah Wan Omar	Classed B	
3.	Suhardi Hamid	Internship Strings	Assoc. Prof Dr. Maznah Wan Omar	Classed E	
4.	Hasan Uddin B Md Yusof	Modern Coffee Table That Influenced By Tarik Upih Games	Dhiauddin Mohamad Sirat Asrol Hasan, Fadilah Yusof	Classed B	012-3789676 dean_dhi@yahoo.com
5.	Nikko Abas	Chongkak Stool	Dhiauddin Mohamad Sirat Asrol Hasan, Fadilah Yusof	Classed B	
6.	Muhammad Syazwan Bin Mohd Rodzi	Magazine Rack Influence By Malay Tradisional Sampan	Dhiauddin Mohamad Sirat Asrol Hasan, Fadilah Yusof	Classed B	
7.	Muhammad Safwan Bin Mohd Ithni	Oil Lamp Bar Stool	Dhiauddin Mohamad Sirat Asrol Hasan, Fadilah Yusof	Classed B	019-3624737 sapongskywalker@yahoo.com

6. UNIVERSITI: UNIVERSITI TEKNOLOGI MARA (UiTM) PERAK

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Mohd Fadhi Yakub Mohd Huzaifah Mokhtar Mohd Tashrik Othman	An Innovation Of Atap Singgora Pattern	Zulkarnian Bin Hassan	Classed D	aEn. Zulkarnian Hassan 012-446 4593 zulka246@perak.uitm.edu.my

Participants

7. UNIVERSITY: POLITEKNIK UNGKU OMAR, PERAK

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Azwan Ismail Norazeman Mohammad	Brake Caliper Jig Assembly Jig	Zulkarnain Bin Jamak	Classed B	012-7116068 / zulkar@jkm.puo.edu.my
2.	Syafiq Aiman Shahrudin Mukhlis Zulghafar	Electrical Equipment : Wiring Puller Gun	Siti Asma' Binti Baharudin	Classed F	019-4702635 sasma@jkm.puo.edu.my
3.	Lim Tian How Kee Shea Mey	3 S' System	Zainab Bt. Hassan	Classed G	05-5457656/0176308289 zainabsan@jke.puo.edu.my
4.	Siti Naquiah Binti Md. Desa Nur Hafiza Binti Ali Osman	Remote Control For Appliances	Zainab Bt Hassan	Classed G	05-5457656 zainabsan@jke.puo.edu.my

8. UNIVERSITY: UNIVERSITI PERTAHANAN NASIONAL MALAYSIA (UPNM)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Mohd Azhar Bin Sharif	Brake Caliper Jig Assembly Jig	Zulkarnain Bin Jamak	Classed B	012-7116068 / zulkar@jkm.puo.edu.my
2.	Norashida Bt Arsat	Electrical Equipment : Wiring Puller Gun	Siti Asma' Binti Baharudin	Classed F	019-4702635 sasma@jkm.puo.edu.my
3.	Nurul Aliaa Binti Mohd Adnan	3 S' System	Zainab Bt. Hassan	Classed G	05-5457656/0176308289 zainabsan@jke.puo.edu.my
4.	Qamarul Arifin Rose Bahaudin, Mohd Khairul Razlee Md Zamri, Idviniderjit Singh, Mohammad Aminul Haq Mohd Ghazali	Remote Control For Appliances	Zainab Bt Hassan	Classed G	05-5457656 zainabsan@jke.puo.edu.my

Participants

9. UNIVERSITY: UNIVERSITI TEKNOLOGI MARA (UiTM) PULAU PINANG

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Mohd Zakiman Bin Othman, Muhammad Shuqri Hambali B. Mohd Dali	Hybrid Catalyst Development For Methanol Synthesis Via CO2 Hydrogenation Reaction	Muhammad Zahiruddin Ramli	Classed A	04-3823818 zahir206@yahoo.com
2.	Shahridzal Bin Ibrahim, Azwan Bin Makmur Shaidatul Mardiyana Meor Azlan	Chemically Modified Papaya Seed For Removal Of Cationic And Ionic Dye	Norhaslinda Nasuha Nurulhuda Amri	Classed A	0174552695, norhaslinda342@ppinang.uitm.edu.my
3.	Syahin Binti Mohammad Saleh Siti Aizatuly Illy Binti Kemat	Adsorption Of Reactive Dye Onto An Industrial Waste (Bottom Ash)	Hawaiah Binti Imam Maarof	Classed A	013-4583648 sakura_shin103@yahoo.com
4.	Abdul Halim Bin Nordin Muhammad Nur Taufiq Bin Shamsuddin	Guava3 : Low Cost Plant Hormone	Mohamed Syazwan Bin Osman	Classed C	013-2022645 syazwan_osman@yahoo.com
5.	Nursyaza Binti Hashim Mohamad Effendi Bin Ismail Nur Alwani Ali Bashah	Kinetic Studies Of COD Removal Reaction In Palm Oil Refinery Oil Effluent By Using TiO2/UV and TiO2/H2O2/UV	Nur Alwani Ali Bashah Leong Soo Kwan	Classed A	04-3823289 leong786@ppinang.uitm.edu.my

10. UNIVERSITY: UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTeM)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Mohd Saiful Izzat Bin Mat Zahari	MY 2 nd EYE	Muhammad Herman Bin Jamaluddin	Classed G	upes_blueblack@yahoo.com, 06-5552317 anuar@utem.edu.my, 019-6572904
2.	Mohd Fairus Mohd Kassim	Estimation Of Linear Object's Speed Using Vision System	Nazrin Muhammad	Classed F	012-5945900 fairuskassim@yahoo.com.my

Participants

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
3.	Loke Kee Seang	Smart Passive Solar Greenhouse For Chillies Plantation	Rusdy Bin Yaacob	Classed A	016-4353378 lokekeeseang@yahoo.com
4.	Muhammad Azrullyzam Bin Mat Sujak	Smart Motorcycle Safety Vest (SMSV)	Mohd Farriz Bin Hj. Md Basar	Classed B	05-5552217/ 019-6639576 mfarriz@utem.edu.my
5.	Muhammad Nasiruddin Bin Aziz Muhammad Akhbar Bin Idris	Smart Electrical Engineering Training Gadget For Education Purpose	Mohd Farriz Bin Hj. Md Basar	Classed G	05-5552217/ 019-6639576 mfarriz@utem.edu.my
6.	Mohamad Firdaus Bin Arifin	Automatic Feeding Machine (AUTOFEMA)	Syahrul Hisham Bin Mohamad @ Abd. Rahman	Classed A	012-6576031/06-5552252 syahrulhisham@utem.edu.my

11. UNIVERSITY: UNIVERSITI UTARA MALAYSIA (UUM)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1	Lim Kuo Meng, Ooi Yi En, Ngu Kung Seng, Shamsan Khaled Salem Gaber	Power Alert Using SMS	Zhamri Che Ani	Classed E	Zhamri Bin Che Ani, 019-5400009 zhamri@uum.edu.my

Participants

12. UNIVERSITY: UNIVERSITI MALAYSIA SARAWAK (UNIMAS)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Chai Kok Chin	Improving Active Solar Still Performance By Using Electronic Control System	Kasumawati Bt Lias	Classed A	Miss Kasumawati Bt Lias lkasumawati@feng.unimas.my 019-8793095/014-6884403
2.	Alan Bong Kim Ming	Pump As Turbine	Dr. Mohd Shahril Osman	Classed A	Dr. Mohd Shahril Bin Osman omshahril@feng.unimas.my 016-8699934/014-9901181
3.	Ahmad Faizan B. Sulaiman Zulkifli B. Sani	New Innovation In Hydro Power Generation	Dr. Al-Khalid Bin Othman	Classed A	Dr. Al-Khalid Bin Othman okhalid@feng.unimas.my 013-8101031/016-9867863/ 014-8899125
4.	Peter Leifmart Rijed	Low Power Wireless Communication Device For Rural Areas	Dr. Al-Khalid Bin Othman Pn. Ade Syaheda Wani Marzuki	Classed E	Dr. Al-Khalid Bin Othman okhalid@feng.unimas.my/ esyaheda@gmail.com 013-8101031 / 016-8522448/ 016-8165411

13. UNIVERSITY: UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Mohd Ikmal Bhaqem b. Hassan Syed Muhammad Asyraf Bin Syed Yahya	Bamboo Reinforcement For Slope UTHM	Prof. Madya Dr. Hj. Mohd. Idrus B. Hj. Mohd. Masirin Kee Chuang Wen, Mustafa Kamal Bin Shamsudin	Classecd D	Prof. Madya Dr. Hj. Mohd. Idrus B. Hj. Mohd. Masirin 0177336234 idruss@uthm.edu.my
2.	Nik Muhammad Hazdreen B. Nik Ruseli, Mohd Sahlan B. Awang @ Ab. Ghani	Perforated Slope Draining System UTHM	Prof. Madya Dr. Hj. Mohd. Idrus B. Hj. Mohd. Masirin Siti Mustakimah Bt. Arhad, Mustafa Kamal Bin Shamsudin bin Alwi	Classecd D	

Participants

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
3.	Ahmad Firdaus B. Hussain Nozaihan B. Ahmad	Slope Rubber Mat Protection System UTHM	Prof. Madya Dr. Hj. Mohd. Idrus B. Hj. Mohd. Masirin Shahrul Azhar B. Adnan, Prof. Dr. Hj. Ismail b. Hj. Bakar	Classed D	Prof. Madya Dr. Hj. Mohd. Idrus B. Hj. Mohd. Masirin
4.	Mohd Khairuddin B. Ahmad Khair	Automatic Target Bullet	Prof. Madya Dr. Hj. Mohd. Idrus B. Hj. Mohd. Masirin Noor Hafiza Bt. Nordin, Mohd Fadel bin Alwi	Classed G	0177336234
5.	Siti Norakmaliza Bt. Lufti Noraziani Bt. Mohamaddan	Automatic Switching Repeater	Prof. Madya Dr. Hj. Mohd. Idrus B. Hj. Mohd. Masirin Nur Hafizah Bt. Sutris, Mohd Fadel bin Alwi	Classed G	idrus@uthm.edu.my

14. UNIVERSITY : INSTITUT LATIHAN PERINDUSTRIAN (ILP) KUALA LANGAT, SELANGOR

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Muhamad Saiful Bin Sulaiman, Azraini Binti Lamat	Twin Computer Unit (TCU)	Abdul Hak Bin Mahat	Classed E	03-31204600 / 019-2624249 ahm_ipkls@yahoo.com, abdulhak@ipkls.gov.my

14. UNIVERSITY: UNIVERSITI MALAYSIA PERLIS (UniMAP)

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
1.	Sharath Raj A/L Pubalan	Electromagnetic Levitator Design	Ahmad Husni bin Mohd Shapri	Classed G	Sharath Raj A/L Pubalan 017-5999537 sharath_jlo@yahoo.com
2.	Tan Kian Haw	Smart Office	Mohd Fairus bin Ahmad Siti Zarina bt Md. Naziri	Classed C	Tan Kian Haw 017-4395998 vanness.tan87@hotmail.com

Participants

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
3.	Mundzir bin Hassan	Microcontroller Based Soil Temperature Sensor	Prof. Madya Dr. Johari bin Adnan	Classed A	Mundzir bin Hassan 019-4490227 munz-pone@yahoo.com
4.	Khor Kang Nan	Innovative Optimization of Ion Exchange Channel Waveguide For Stem Cell Manipulation	Dr. Mukhzor Mohamad Shahimin	Classed C	Khor Kang Nan 012-4541385 kangnan_khor@hotmail.com
5.	Anis Ilani Binti Semsuddin	Performance Enhancement and Channel Modelling of CDMA Cellular System Employing Adaptive Frequency Hopping Spread Spectrum	Dr. Abid Yahya	Classed E	Anis Ilani bt Semsuddin 017-5090525 seributanun08@yahoo.com
6.	Lee Yeng Seng	Magnetized Super Green Bean	Dr. Mohd Fareq Abd. Malek	Classed A	Lee Yeng Seng 017-3602898 dragon_ljs888@yahoo.com
7.	Satea Hikmat Al-Najjar	"SAPS" Innovative System for the Aerial Altitude Platform Sky Mesh Network in Rural and Disaster Areas	Dr. Mohd. Fareq Abd. Malek	Classed E	Satea Hikmat Al-Najjar 016-5219769 / 019-2079596 sateaahn@gmail.com
8.	Nor Hidayah Bohari	Media optimization for bioprotein production from coconut dregs as a substrate by solid state fermentation	Hafiza Shukor	Classed A	Pn. Hafiza Shukor 019-2864649
9.	Nurul Syuhada Hj Baharudin	Contributions of sala mango peel powder as a new ingredient to physicochemical properties of biscuit (SMP powder)	Noor Shazliana bt Aizee Abidin	Classed A	Pn. Noor Shazliana Aizee Abidin 04-9798584
10.	Leong Jing Yong	Anaerobic Bioreactor	Wong Yee Shian Dr. Ong Soon An	Classed A	Wong Yee Shian 012-7302754 yswong@unimap.edu.my
11.	Nur Hazirah Mohd Ridzuan	A column study on removal of chemical oxygen demand (COD), ammonical nitrogen, sulphate using limestone and activated carbon		Classed A	Ayn_hazira@yahoo.com.my 013-4102381

Participants

NO	INVENTOR NAME	INVENTION / PRODUCT	SUPERVISOR	CATEGORY	CONTACT PERSON
12.	Yeoh Zee How	Development of a Wind Generator System	Ahmad Shukri B. Fazil	Classed A	Ahmad Shukri B. Fazil, 019-5435430 ahmadshukri@unimap.edu.my
13.	Muhammad Shafiq Ismail	A magnetic Suspended Self-Pitch Vertical Axis Wind Generator	Nor Hanisah binti Baharudin	Classed A	Nor Hanisah binti Baharudin, 019-4885772 norhanisah@unimap.edu.my
14.	Lim Chong Seng	Illegal Substance Detector: Using Bees as drug detection system	Dr. Shahrman Abu Bakar	Classed C	Dr. Shahrman Abu Bakar, 04-9885073 shahrman@unimap.edu.my
15.	Awang Sabri Awang Omar	Nurse following hospital robot with special wheels and sensor integration	Prof .Dr. R. Nagarajan Bukhari Ilias	Classed B	Prof .Dr. R. Nagarajan, Bukhari Ilias 019-4090101, bukhari@unimap.edu.my
16.	Khairul Amali Hamzah Khalid Azadi Mat Akhir Ahmad Aizuddin Abd Aziz	Kapak Separating Machine	Shayfull Zamree Abd Rahim	Classed B	04-9885048 shayfull@unimap.edu.my
17.	Nik Abdullah Rozali	Dr B Mechanism of Ergo Chair		Classed C	013-4332501, Lozent_88@yahoo.com
18.	Chan Ming Yeng Koay Seong Chun	Eco-Friendly Thermoplastic From Glutinous Rice Starch	Assoc Prof Dr Salmah Husseinsyah	Classed D	Assoc Prof Dr Salmah Husseinsyah
19.	Solehatus Razali	"Sakura" Bottle Cup Opener Product of Aluminium-Stannum Alloy	Assoc Prof Mohammad Ichwan Nasution	Classed D	Assoc Prof Mohammad Ichwan Nasution
20.	Nurhaslinda Binti Hamzah	Vision-Based Navigation of Mobile Robot with Obstacle Avoidance using Single Web-Camera	Assoc Prof Dr Hazry Desa	Classed B	0134266310 OR 0134899977 knorexy@yahoo.com / hazry@unimap.edu.my
21.	Lee Kok Leong	Let's Shop Scooter	Shayfull Zambree Abd. Rahim	Classed B	04-9885048, shayfull@unimap.edu.my