

KEDUDUKAN PINGAT EYReC-MINDS YOUNG INVENTOR SHOW

PUSAT PENGAJIAN	EMAS	PERAK	GANGSA	JUMLAH
Kejuruteraan Mikroelektronik	3	3	4	10
Kejuruteraan Bahan	3	2	4	9
Kejuruteraan Mekatronik	2	1	5	8
Kejuruteraan Komputer & Perhubungan	1	3	1	5
Kejuruteraan Sistem Elektrik	1	2	2	5
Kejuruteraan Pembuatan	1	1	1	3
Jumlah	11	12	17	40

ANUGERAH KHAS

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| 1. MINDS GOLD AWARD | - CurPro - A novel Natural Pro-Oxidant For Plastic Bag (Material Engineering) |
| 2. MINDS GOLD AWARD | - SMS Based Device Switching (Microelectronic Engineering) |
| 3. MINDS SPECIAL AWARD | - Programmable Number Lock System (Computer & Communication Engineering) |
| 4. MINDS SPECIAL AWARD | - Smart Anti-Carbonyl System (Mechatronic Engineering) |
| 5. EMYIS SPECIAL AWARD | - Patient Monitor Device (Electrical System Engineering) |
| 6. EMYIS SPECIAL AWARD | - Fabrication and Properties of Wall Decorations From Waste Printed Circuit Board (Material Engineering) |
| 7. EMYIS BEST OF THE BEST 3rd PLACE | - Soya Bean Machine (Manufacturing Engineering) |
| 8. EMYIS BEST OF THE BEST 2nd PLACE | - Cleanroom Electronic Safety Door Lock (Microelectronic Engineering) |
| 9. EMYIS BEST OF THE BEST 1st PLACE | - Lost Metal Detector (Mechatronic Engineering) |

EMYIS GOLD MEDAL

INVENTOR	INVENTION TITLE	SCHOOL
1. KO XIANG YI & MOHAMAD RIZAL ABDUL REJAB	An Automatic Fire Sprinkler Implementation Using Single Board Computer(SBC)	Computer & Communication
2. LOW TIAN CHUAN, WAN SHAHRIZAL	Lost Metal Detector Robot	Mechatronic
3. AHMAD ARIFFUDDIN ASHSHAARI, MOHD ADZRIE RADZAU	Patient Monitor Device (Heart Beat And Body Temperature)	System Electrical
4. PRAKIT A/L KROM, NG CEANWOOI, RAFIZAH	Soya Bean Machine	Manufacturing
5. A FFARIS ARNOLD BIN ASMJ, NURAFIFAH BINTI OTHMAN	CurPro-A novel Natural Pro-Oxidant For Plastic Bag	Materials
6. CH'NG YAN XIN, ERDA SYUHADA BT RADZI	Fabrication And Properties Of Wall Decorations From Waste Printed Circuit Boards (PCB)	Materials
7. NURUL ASHIKIN BINTI SALEH, QURATUL AINI BINTI JAAFAR	GreenWRP Composites.	Materials
8. NURFAIZAL BIN NORKHAMAR, MOHD NORHAFIZ BIN HASHM	Design And Fabricate Of MultiSize Of Silicon Dioxide (SiO2) Contact Holes	Microelectronic
9. NG SHAO KAY, MOHD FIKRI BIN CHE HUSIN	SMS Based Device Switching	Microelectronic
10. AHMAD FATHULLAH B MARZUKJ, MOHD NORHAFIZ BIN HASHM	Cleanroom Electronic Safety Door Lock	Microelectronic
11. G UN YIP SENG& YEW SHU FAN	Smart Anti-Carbonyl Exhaust System (SACES) for 4-Stroke Moped Bikes Engine.	Mechatronic

EMYSIS SILVER MEDAL

INVENTOR	INVENTION TITLE	SCHOOL
1. N OOR THAHIRAH AHMAD RADZI, MOHD HAFIZ ABD AZIZ	Coin Separator And Counter	Computer & Communication
2. KOK HUI MIN, HAZILA OTHMAN & MOHD SHAIFUL AZIZ RASHID ALI	Programmable Number Lock System	Computer & Communication
3. WAN SHAMSHUDDIN BIN WAN MOHAMAD, MOHAMAD ALIAS BIN ZAINOL ABIDIN & MOHD AZIZI BIN MOHAMED	EasyAuto Hydroponic System	Computer & Communication
4. LOK WEI HERN, NURHAFIZA AZIZAN	Voltage Stabilizer	System Electrical
5. LIAN CHAI WEI, MOHD ADZRIE RADZALI	Electronic Baby Cradle	System Electrical
6. MUHAMMAD ADDHAM BIN MOHD AINI, AMARUL BIN TALIP, MOHD AFIQIRSYAD B YACOB	Design And Development of Antenna Rotator	Manufacturing
7. ENSKU AZRA IDHAM BIN ENSKU ABDUL HALIM, MOHD NORHAFIZ BIN HASHIM	Cleanroom Fire Alarm System	Microelectronic
8. MUHAMMAD HANIF YAHAYA, WAN AZLIANAWATI BINTI WAN AZIZ	Smoke Detector Using Light Dependent Resistor	Microelectronic
9. MASTURA BINTI MOHDSHAHABUDIN, ROSLIN BIN JAMALUDIN	Electronic Basic Calculator Using Matlab	Microelectronic
10. MOHD AZHAR B MOHAMED	Machinable Hydroxiapatite From Biological Natural Source.	Materials
11. MUHAMAD FAKHRUR RUZI MOHD ARIF, TINESHA A/P SELVARAJ	DuPEEL : Alternative Low Cost Biosorbents Material For Heavy Metal Removal	Materials
12. FARIS IMADI B. AHMAD NADZRI	Car's Battery Water Level Indicator (CaBin)	Mechatronic

EMYSIS BRONZE MEDALIST

INVENTOR	INVENTION TITLE	SCHOOL
1. WAN SITI ZULAIHA BINTI WAN AB. RAHMAN, MUHAMMAD HAFIZ BIN ABDUL KARIM	Automatic Night Light	Computer & Communication
2. FATIN SYAMIMI ABD HAMED, PUNGUT BIN IBRAHIM	Housing Security System By Using PLC	Electrical System
3. MOHAMMAD HAFIZ BIN AHMAD NAZRI, PUNGUT BIN IBRAHIM	Smart Traffic Light Control Using PLC	Electrical System
4. FAIZUL BIN KHAIRUDIN, MOHD IQBAL BIN SEMAIL, SUHAIREZA BINTI MD. ESA	Design And Development Of Laksa Machine	Manufacturing
5. MOHD FADZLULLAH ABD RAHIM, MUHAMMAD FIKRI MOHD NADZIR	Vegetable Oil As An Alternative Liquid Coolant In Electronic Packaging Application.	Material
6. MUHAMAD FAKHRUR RUZI	Sythesis Of Nano-Precepsitate Calcium Carbonate Supplement From SeaShell.	Material
7. MOHMAD FAHMI BIN SULIMAN,	Green Composite Solder	Material
8. DAUD BIN HASHIM	Green Electrostatic Discharge (ESD) Material	Material
9. SOH ING TIAN, MOHD KHAIRUL BIN MD KAMIL	Number Guessing Game	Microelectronic
10. MUHAMMAD NISYAMUDDIN B MOHD NASIR, NORLIDA BINTI ABU BAKAR	Package Analysis On Decapsulation	Microelectronic
11. NOR AFIAH AZMI, AFZAN BINTI KAMARUDIN	Analysis Of Asynchronous Adder Using Environment TSMC 0.35um Technology	Microelectronic
12. NURFADHILAH NOOR AZMAN	Comparison Of 1 Bit Full Adder	Microelectronic
13. MUHAMMAD SYAZWAN BIN MOHAMAD TAJOLLI	Wireless Energy Transfer	Mechatronic
14. MUHAMMAD ARIFF ASHRAF, ANG JIN TEONG	Remote Control Bomb Defuser Mobile Robot (BomBot)	Mechatronic
15. ROZAIDY BIN CHE YA, MUHAMMAD ASYRAF BIN BESTANI	Hazardous Gas Detection	Mechatronic
16. MOHD SAHDAN BIN ABD. GHANI, FARIS IMADI B AHMAD NADZRI	Greenhouse's Humidity and Temperature Cotrol System	Mechatronic
17. MOHD SAIFIZI BIN SAIDON, WAN MOHAMMAD SHAFWAN BIN WAN SHUHAIMI	Development Of Mobile Robot For Greenhouse Agriculture	Mechatronic