



## Gold Award Winners

| NO. | ORGANIZATION                             | INNOVATION TITLE                             | CATEGORY                                                              |
|-----|------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------|
| 1.  | SMK KOTA SAMARAHAN                       | HEEP ESSENCE                                 | AGRICULTURE, LIVESTOCK & HORTICULTURE, AQUACULTURES & FISHERIES       |
| 2.  | SMK TAN SRI MOHAMED RAHMAT               | FILAMENAS                                    | AGRICULTURE, LIVESTOCK & HORTICULTURE, AQUACULTURES & FISHERIES       |
| 3.  | SMK ST PATRICK                           | CYMOLENE                                     | HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES |
| 4.  | CHINESE INNOVATION AND INVENTION SOCIETY | TWO-STAGE DOOR SAFETY DEVICE FOR AUTOMOBILES | SAFETY & SECURITY                                                     |
| 5.  | MAJLIS AMANAH RAKYAT (MARA)              | AUTOREHAB CYCLE                              | HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES |
| 6.  | MAJLIS AMANAH RAKYAT (MARA)              | MUDAHJER BAHASA ISYARAT                      | EDUCATION TECHNOLOGY & PEDAGOGY                                       |
| 7.  | MAJLIS AMANAH RAKYAT (MARA)              | KENAF INTERLOCKING UNIVERSAL BRICK (KIUB)    | MACHINERY, EQUIPMENT AND TOOLS AND MANUFACTURING PROCESS              |



## Silver Award Winners

| NO. | ORGANIZATION                | INNOVATION TITLE                                                         | CATEGORY                                                                  |
|-----|-----------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1.  | SMK HAJJAH LAILA TAIB       | BA+CUN                                                                   | AGRICULTURE, LIVESTOCK & HORTICULTURE, AQUACULTURES & FISHERIES           |
| 2.  | SMK SG TAPANG, KUCHING      | ECOSTRATA BIOBASED MEMBRANE                                              | AGRICULTURE, LIVESTOCK & HORTICULTURE, AQUACULTURES & FISHERIES           |
| 3.  | KESATUAN BANGSA SCHOOL      | GASPED: GEL MADE FROM AVOCADO SEEDS AND PEELS FOR EASING DIABETIC-WOUNDS | HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES     |
| 4.  | MAJLIS AMANAH RAKYAT (MARA) | RESPIRATION VIRTUAL REALITY KIT                                          | EDUCATION TECHNOLOGY & PEDAGOGY                                           |
| 5.  | MAJLIS AMANAH RAKYAT (MARA) | P. ISLAND ESCAPE                                                         | ENERGY & GREEN TECHNOLOGY                                                 |
| 6.  | XIAMEN UNIVERSITY MALAYSIA  | FITHIVE                                                                  | INDUSTRIAL AND PRODUCT DESIGN, WEB INTERFACE DESIGN & PRINTING TECHNOLOGY |
| 7.  | MAJLIS AMANAH RAKYAT (MARA) | REMBAWHEELS: CAR RENTAL MANAGEMENT SYSTEM                                | ICT                                                                       |



## Bronze Award Winners

| NO. | ORGANIZATION                      | INNOVATION TITLE                                                                                                        | CATEGORY                                                              |
|-----|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1.  | SMK MEMBAKUT II                   | NUTRIKOLA                                                                                                               | HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES |
| 2.  | SMK BEAUFORT III, BEAUFORT, SABAH | TECHNO DUSTBIN                                                                                                          | CONSUMER ELECTRONICS                                                  |
| 3.  | MAJLIS AMANAH RAKYAT (MARA)       | VISMED : KAWASAKI DISEASE AND HFMD EARLY SCREENING SYSTEM BASED ON SKIN IMAGES AND ALEXNET CONVOLUTIONAL NEURAL NETWORK | HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES |
| 4.  | MAJLIS AMANAH RAKYAT (MARA)       | EDUSION.MY                                                                                                              | EDUCATION TECHNOLOGY & PEDAGOGY                                       |
| 5.  | MAJLIS AMANAH RAKYAT (MARA)       | MICROBIT TRAINING KIT (MKT)                                                                                             | EDUCATION TECHNOLOGY & PEDAGOGY                                       |
| 6.  | MAJLIS AMANAH RAKYAT (MARA)       | KEY-COLLECT & RETURN BOX FOR HOMESTAY                                                                                   | CONSUMER ELECTRONICS                                                  |
| 7.  | IR TOP INVENTORS                  | DNA SEQUENCING USING NANOTECHNOLOGY                                                                                     | HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES |