



Silver Award Winners

NO.	ORGANIZATION	INNOVATION TITLE	CATEGORY
1	UNIVERSITI MALAYSIA TERENGGANU	ECO-FRIENDLY AMMONIA MONITORING WITH MANGO LEAF SENSORS	PROTECTION OF THE ENVIRONMENT, ENERGY, WATER, WASTEWATER, SANITATION
2	FOOYIN UNIVERSITY	NURSING BOARD GAME APP	EDUCATION TECHNOLOGY & PEDAGOGY
3	COLLECTION LIGHT ENVIRONMENT ENERGY DEVELOP LIMITED COMPANY	SOLAR TRACKING DEVICE	POWER AND ELECTRICITY
4	CHENG SHIU UNIVERSITY	TEACHING-AID BOARD GAMES FOR YOUNG CHILDREN	EDUCATION TECHNOLOGY & PEDAGOGY
5	CHENG SHIU UNIVERSITY	AIOT SMART HOME PILL BOX	MACHINERY, EQUIPMENT AND TOOLS AND MANUFACTURING PROCESS
6	CHENG SHIU UNIVERSITY	GESTURE UNLOCKING-BASED FACE RECOGNITION SYSTEM	ICT
7	UNIVERSITI TEKNOLOGI PETRONAS	REE RECOVERY: POTENTIAL OF COMMERCIALIZING GAS HYDRATE BASED DESALINATION TECHNOLOGY	PROTECTION OF THE ENVIRONMENT, ENERGY, WATER, WASTEWATER, SANITATION
8	UNIVERSITI KEBANGSAAN MALAYSIA	REVOLUTIONISING DISEASE PREDICTION AND DIAGNOSIS: GLYCOGEN SYNTHASE KINASE-3 BETA (GSK3 β) AS A BIOMARKER FOR DIABETES AND OSTEOPOROSIS	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
9	IRTI	DESIGN AND DEVELOPMENT OF AN INTELLIGENT AGRICULTURAL ACCELERATOR BUILDING: A SUSTAINABLE ARCHITECTURE APPROACH WITH ARTIFICIAL INTELLIGENCE INTEGRATION FOR PERFORMANCE OPTIMIZATION AND PROCESS ENHANCEMENT	MACHINERY, EQUIPMENT AND TOOLS AND MANUFACTURING PROCESS



Silver Award Winners

NO.	ORGANIZATION	INNOVATION TITLE	CATEGORY
10	GRAPE KING BIO LTD.	USE OF LACTOBACILLUS FERMENTUM GKF3 FOR IMPROVING DEPRESSION	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
11	UNIVERSITI TEKNOLOGI PETRONAS	SMART INNER TYRE TUBE MEASURING DEVICE	MACHINERY, EQUIPMENT AND TOOLS AND MANUFACTURING PROCESS
12	UNIVERSITI TEKNOLOGI PETRONAS	AUTOMATED CONSTRUCTION PRODUCTIVITY MONITORING OF INDOOR FINISHING ACTIVITIES	BUILDING
13	UNIVERSITI TEKNOLOGI PETRONAS	EDR-NET+ : NOISE INVARIANT AND COMPUTATIONALLY EFFICIENT DEEP NEURAL NETWORK ARCHITECTURE FOR DIABETIC RETINOPATHY DETECTION	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
14	INSTITUT KEMAHIRAN MARA TAN SRI YAHAYA AHMAD (MARA)	CERUCUK TIRUAN SIPUT GONDANG EMAS (SGE)	AGRICULTURE, LIVESTOCK & HORTICULTURE, AQUACULTURES & FISHERIES
15	KOLEJ KEMAHIRAN TINGGI MARA KUANTAN (MARA)	CAMPUS LEARNING OUTCOME ATTAINMENT (CLOA)	ICT
16	MAKTAB RENDAH SAINS MARA MERSING (MARA)	EMPOWERING RURAL COMMUNITIES THROUGH DIGITALIZATION	SOCIAL INNOVATIONS & ENTREPRENEUR MANAGEMENT
17	MAKTAB RENDAH SAINS MARA MERSING (MARA)	MEKARGRO AMINO FOLIAR	AGRICULTURE, LIVESTOCK & HORTICULTURE, AQUACULTURES & FISHERIES