



## Silver Award Winners (Youth)

NO.	ORGANIZATION	INNOVATION TITLE	CATEGORY
1.	SEKOLAH MENENGAH SAINS HULU SELANGOR	HYDROVASE	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
2.	SEKOLAH MENENGAH SAINS HULU SELANGOR	ENVIRO-INK	ENERGY & GREEN TECHNOLOGY
3.	SEKOLAH MENENGAH SAINS HULU SELANGOR	KAHERBS	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
4.	SEKOLAH MENENGAH SAINS HULU SELANGOR	CORNUSTER	ENERGY & GREEN TECHNOLOGY
5.	SEKOLAH MENENGAH SAINS HULU SELANGOR	EASY LOOFAVE	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
6.	KOLEJ MARA KULIM	ECOLARVX	ENERGY & GREEN TECHNOLOGY
7.	UNIVERSITY MUHAMMADIYAH OF SURAKARTA	NANOGLOW AVERRHOA: 3 IN 1 FORMULATION OF NANOEMULSION FROM A COMBINATION OF SAPAN WOOD EXTRACT (CAESALPINIA SAPPAN L.) AND (AVERRHOA BILIMBI) AS BASIC INGREDIENT FOR ACNE, MOISTURIZER, AND ANTI-AGING	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
8.	UNIVERSITAS AIRLANGGA	PEPHYDTIN-DERM: TRANSFORMING AGRICULTURAL WEEDS INTO A REVOLUTIONARY COOLING AND ANTIFUNGAL HYDROGEL PATCH FOR TINEA CORPIS AND TINEA PEDIS HEALING	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
9.	DIPENOGORO UNIVERSITY	TIDEX (TIRE DETECTION X) : USING EMPLOYING CNN APPROACH TO MITIGATE ACCIDENT RISKS	ICT



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10.	IPB UNIVERSITY	MOOVA: GREEN SEAWEED ULVA-BASED GEL MOISTURIZER COMBINED WITH PHYCOCYANIN BIOPIGMENT FOR SKIN COMBINED WITH PHYCOCYANIN BIOPIGMENT FOR SKIN HYDRATION AND UV PROTECTION	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
11.	MUHAMMADIYAH UNIVERSITY OF SURAKARTA	EMPOWERING BRILLIANCE	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
12.	UNIVERSITI MALAYSIA PERLIS ,JHEP	AUTOMATED VEHICLE HEADLIGHT CONTROL SYSTEM WITH DYNAMIC ADJUSTMENT FOR OPTIMAL ROAD ILLUMINATION	AVIATION AND TRANSPORTATION
13.	UNIVERSITI MALAYSIA PERLIS	AUTOMATICS SORTING FRYER SYSTEMS	MACHINERY, EQUIPMENT AND TOOLS AND MANUFACTURING PROCESS (HEAVY EQUIPMENT, INDUSTRIAL MACHINERY)
14.	UNIVERSITI MALAYSIA PERLIS, JHEP	BREAKING BARRIERS: ADAPTIVE LABORATORY EVOLUTION (ALE) FOR ENGINEERING ROBUST BIOBUTANOL-PRODUCING STRAINS IN ABE FERMENTATION.	ENERGY & GREEN TECHNOLOGY
15.	KOLEJ MARA KULIM	RIZZ CHA CO	PROTECTION OF THE ENVIRONMENT WATER, WASTEWATER, SANITATION
16.	UNIVERSITI MALAYSIA PERLIS, JHEP	BIO-BEAD: COMPOSITE BEADS FROM CHITOSAN AND CHICKEN FEATHER FOR SORPTION OF TEXTILES INDUSTRY	PROTECTION OF THE ENVIRONMENT WATER, WASTEWATER, SANITATION
17.	UNIVERSITI MALAYSIA PERLIS (UNIMAP)	MCFERA SOAP: A SMART BIOGREEN LIQUID CLEANSER	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES



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18.	UNIVERSITI MALAYSIA PERLIS, JHEP	SCALABLE BIOETHANOL PRODUCTION FROM RICE STRAW PULP (RSP): THE FUTURE OF RENEWABLE ENERGY	ENERGY & GREEN TECHNOLOGY
19.	UNIVERSITI MALAYSIA PERLIS	GREEN SLAG CONCRETE	ENERGY & GREEN TECHNOLOGY
20.	KOLEJ PERMATA@PINTAR NEGARA	CARTANDGO: AN AUTOMATED BILLING SYSTEM TROLLEY	AGRICULTURE, LIVESTOCK & HORTICULTURE, AQUACULTURES & FISHERIES
21.	PSMART UITMCPP-ICU JPM-JPNPP	EDIBLEWRAP: THE NEXT GENERATION OF PARCHMENT PAPER	ADVANCED MATERIALS
22.	PSMART UITMCPP-ICU JPM-JPNPP	O-M DRINK WITH CO-ENCAPSULATED ACTIVE INGREDIENTS	HEALTHCARE, PERSONAL CARE TECHNOLOGY, BIOTECHNOLOGY AND LIFE SCIENCES
23.	UNIVERSITI PENDIDIKAN SULTAN IDRIS (UPSI)	HOMOLOG ODYSSEY	EDUCATION TECHNOLOGY & PEDAGOGY
24.	UNIVERSITI SELANGOR	PEMBURUAN MAYA FORENSIK: KES DIGITAL	EDUCATION TECHNOLOGY & PEDAGOGY
25.	PUSAT TINGKATAN ENAM VICTORIA INSTITUTION	BIO-DECK : BIODIVERSITY MEMORY CARD BOARD GAME WITH VIRTUAL REALITY (VR) APPLICATION	EDUCATION TECHNOLOGY & PEDAGOGY