



No	Organisation Name	Title of Innovation	Awards Category
1	Universiti Malaysia Sarawak (UNIMAS)	Synthesis Of Nanocellulose From Borneo Bamboo And Immobilization Of Membrane For Water Purification	Bioresource & Bioenergy, Waste Management And Waste Water Treatment
2	UCSI University	Kesum Essential Oil Nanoemulsion Edible Film	Green Materials, Design, Products And Manufacturing Processes
3	UCSI University	Innovative Aquaculture Feed With Insect-Based Formula For Clam Consumption	Green Materials, Design, Products And Manufacturing Processes
4	Universiti Teknologi Malaysia (UTM) and National Water Research Institute of Malaysia (NAHRIM)	Salt Water Lamp	New & Sustainable Energy Generation, Conversion And Management

Organiser



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SILVER AWARD WINNERS

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5	Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA (UiTM)	MicGrow: An Organic Mixture Of Biofertilizer For Cash Crop Production	Bioresource & Bioenergy, Waste Management and Waste Water Treatment
6	UCSI University	BioGuard AquaShield	Bioresource & Bioenergy, Waste Management and Waste Water Treatment
7	Curtin University Malaysia	Transforming Macroalgae Waste Into 3G-Precursors For Bioplastic Production With Ultrasonic-Molten Salt Hydrates (UMSHs) Pretreatment	Green Materials, Design, Products And Manufacturing Processes
8	International Islamic University Malaysia (IIUM)	Rapid And High-Yield Biogas Production By Enzymatic Biofilm Technology	Bioresource & Bioenergy, Waste Management and Waste Water Treatment

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9	Vyatra Onyx Cynosure PEM AKAMIGAS	“VOC Carbon Capture: Integration Of Liquid Tree From Microalgae Chlorella Vulgaris in Sustainable Architecture For Green Building, Air Quality, And HVAC, And The Role Of VOC Carbon Capture In Maintaining Air Quality”	Sustainable Architecture, Green Building, Air Quality and Air Conditioning (HVAC)
10	Universiti Malaya (UM)	Energy-Efficient Samarium Oxide Thin Films For Semiconductor Devices Towards Net-Zero Carbon Emission	New & Sustainable Energy Generation, Conversion and Management
11	Universiti Malaysia Sarawak (UNIMAS)	Smart Dual-Axis Solar Tracking and Monitoring System Based On (IoT) Technology	New & Sustainable Energy Generation, Conversion and Management

Organiser



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