

No	Country	Name of Judge	Name of School/ Title of project	AWARD	
1	Indonesia	Brawijaya University	BIO-MED (Biodegradable Menstrual Pad): Innovation of Go-Green Based Menstrual Pad Using Empty Oil Palm Bunches and Cassava Peel Waste	GOLD	IYSA SPECIAL AWARD
2	Indonesia	Brawijaya University	REMOVAL OF THE SYNTHETIC DYE TURQOISE BLUE USING POLYAMIDE THIN FILM COMPOSITE	GOLD	
3	Indonesia	Universitas Gadjah Mada	P3HB Extraction from Microalgae (<i>Chlorella vulgaris</i>) using WELP - Biorefinery Process as a Polypropylene (PP) Substitute in Biodegradable Medical Masks Production	GOLD	IYSA SEMI GRAND AWARD, FREE REGIST YISF
4	Indonesia	Universitas Gadjah Mada	Economical and Eco-friendly Hybrid Reverse Osmosis Box as a Portable Water Purification System for Flood Mitigation in Indonesia	GOLD	
5	Indonesia	Semarang State University	WEAPTION OIL (WEATHERING PREVENTION): HYDRODISTILLATION OF LEMONGRASS, CITRUS PEEL, GINGER WITH NIGARINE AS A PREVENTION MEASURES TEMPLE STONES WEATHERING ON CULTURAL HERITAGE SITES	GOLD	SPECIAL AWARD MIICA
6	Indonesia	IPB University/University of Brawijaya/University of Indonesia	BIOPOT (BIODEGRADABLE POT): OPTIMIZATION OF BANANA STEM AND SHALLOT WASTE AS A ZERO WASTE ORGANIC SEEDLING MEDIA INDUCED WITH ARBUSCULAR MYCORRHIZAL FUNGI (AMF) TO SUPPORT SUSTAINABLE DEVELOPMENT GOALS	SILVER	
7	Indonesia	Diponegoro University	CONTENT OF NUTRIENTS, MICROORGANISMS AND VALUE DIGESTIBILITY LITTER BY IN VITRO AT DIFFERENT FERMENTATION LENGTHS	GOLD	
8	Indonesia	Universitas Negeri Malang	FASTCOM: Fast Composter Engine with Android Control System	GOLD	
9	Indonesia	University of Bengkulu	MISFACI (Magic Spray For Bemisia Tabaci) as a natural biopesticide from extraction beach bean plants (<i>Ipomea pescaprae</i>) to eradicate Bemisia Tabaci on chili plants	GOLD	
10	Indonesia	University of Brawijaya	Control of Rice-Field Rats Eco-Friendly in Ngawi based on Ultrasonic Waves from Solar Energy that be Equipped with Pikroretin, Alkaloids, and Djenkolic Acid as <i>Oryza sativa</i> Defense	GOLD	
11	Indonesia	Brawijaya University	ROTATION (Reverse Osmosis and Thermoelectric Generator Hot Waste Converter with Clean Energy Bank System for Industry)	GOLD	
12	Indonesia	State Polytechnic of Malang	Usage of TEREBAAMA (Brewed Tea, Bagasse Ash, and Manure) Organic Fertilizer to Increase Plant Growth	GOLD	
13	Indonesia	Brawijaya University	EXCEL-OHW-Utilization of Human Waste to Make New and Renewable Electrical Energy Based on Mobile Applications in Isolated Villages to Achieve SDGs 2030	GOLD	
14	Indonesia	Sriwijaya University	PALM OIL MILL EFFLUENT POTENCY AS A FUEL FOR STOVE WITH INTERNET OF THINGS-BASED MONITORING AT MESUJI RAYA, SOUTH SUMATRA	GOLD	
15	MALAYSIA	GENIUS INSAN COLLEGE	GENIUS ECOBISEN: Recovering waste as the main source for cooking and landscape fertilization using machined-technology	SILVER	

16	Indonesia	Universitas Negeri Semarang	E-WAK : Fish Drying System using Solar Panels and Sensor Controller Based On Internet of Things as Environmentally Friendly Technology	SILVER	
17	Indonesia	Universitas Diponegoro	Organic Waste Processing Innovation Uses a Black Soldier Fly (BSF) Modern Vertical Culture Cultivation System Which is Rich in Benefits	SILVER	
18	Indonesia	Institut Teknologi Sepuluh Nopember	THE UTILIZATION OF SAGU EXTRACT, SHRIMP SHELL WASTE AND GUAVA SEED LEAF AS INDUSTRIAL MATERIALS OF BIODEGRADABLE LATEX PRODUCTION AS AN EFFORT TO IMPROVE THE ECONOMY OF INDONESIAN SOCIETY TO ACHIEVE SDGS 2030 AFTER COVID-19	SILVER	
19	Indonesia	University of North Sumatera and State University of Medan	SUBIKAR (RUBBER SEED MILK) OPTIMIZATION OF RUBBER FARMING BY-PRODUCT UTILIZATION EFFORTS TO REALIZE FOOD SELF-SUFFICIENCY IN INDONESIA	SILVER	
20	Indonesia	Gadjah Mada University	Study on Identification and Analysis of the Mining Slope Berjo Hill Godean based Agricultural Conservation as a Medium for Landslide Management	SILVER	
21	Indonesia	Diponegoro University	Automated Filtration with Titanium Dioxide and Carbon Based Material for Textile Waste as to Improve Water Quality with additional Real-Time Data Monitoring Software based on Internet of Things	GOLD	
22	Indonesia	Semarang State University	GPM (Geopolymer Mortar) The Utilization Of Incinerator Ash Medical Waste As Raw Material For Geopolymer Mortar In Order To Conserve The Environment During Covid-19 Pandemic Era	SILVER	
23	Indonesia	Yogyakarta State University	Formulation of a Nanofilter Mask Cartridge from Banana Stems (<i>Musa paradisiaca</i>) to Prevent the Spread of COVID-19 in Indonesia	SILVER	
24	Indonesia	University of Diponegoro	Smart Ionizer Lamp : Healthy Secrets and Stay Modern	SILVER	
25	Indonesia	University of Sumatera Utara	PC-GELL: HERBAL WOUND DRESSING AS A SOLUTION TO BURNING WOUND	BRONZE	
26	Indonesia	Brawijaya University	PANDU GUNUNG: A MOUNTAIN NATURE CONSERVATION PROGRAM BASED ON A GEOGRAPHIC INFORMATION SYSTEM WITH NETWORK INTEGRATION TO ACCELERATE THE ACHIEVEMENT OF UP TO 2030	BRONZE	
27	Indonesia	Diponegoro University	MOLI (Multitechnique Oil Remediation) : Combination of Oil Dispersant, Bioaugmentation, Biostimulation, and Aeration to Clean Up Oil Spills in Sea	BRONZE	
28	Indonesia	Universitas Dian Nuswantoro	TES, Thermoelectric Stove, Base Of Green Energy For Emergency Situation	SILVER	
29	Indonesia	Institut Pariwisata dan Bisnis Internasional	ECO-BRIQUE (Eco-Friendly Briquettes) as a Solution for Egg Shell and Canang Waste in The Tourism Sector	BRONZE	

30	Indonesia	Brawijaya University	The Innovation of Wet Tissue to Make Toilet Seat Cleaner from Cow Dung and Crab Chitosan as Solution of Waste Treatment in The Environment	BRONZE	
31	Indonesia	UNIVERSITAS NEGERI SEMRANG	Smart Eco Exhaust, Air and Sound Free Pollution Innovation with Cooler Safety Material Based on Silica Aerogel and Tamarind (Tamarindus Indica) Fruit Shell	BRONZE	
32	Indonesia	Hasanuddin University	Ki-Bag (Chitosan Tea Bag): Innovation of Chitosan from Seafood Exoskeleton Waste as Adsorption of Metal Ion Cadmium (Cd) and Copper (Cu) in Fish Cultivator Using	BRONZE	
33	Indonesia	Universitas Sumatera Utara	Mushfoam : Natural Food Packaging Made From Oyster Mushrooms And Thatch To Replace Styrofoam Food Packaging.	BRONZE	
34	Indonesia	Brawijaya University	Reclamation of Ex-Gold Mining Land in Indonesia with a Combination of Sidoarjo Mud, Coconut Shell Biochar, Organic Fertilizer, and Vetiver Plants	BRONZE	
35	Indonesia	University Of Sumatera Utara	CORUB(Cover Rubber): THE USE OF NATURAL RUBBER AS AN ALTERNATIVE BASE MATERIAL FOR WRAPPING HEAT RSISTANT ELASTIC GOODS	BRONZE	
1	Indonesia	SMAN 3 Semarang	Portable Laundry WasteWater Quality Detector For Monitoring Environmental Pollution	GOLD	
2	Republic of Korea	Seoul International School	Utilizing coffee ground waste to enhance polyhydroxyalkanoates (PHA) derived from soil bacteria	GOLD	IYSA SPECIAL AWARD
3	Thailand	Princess Ubolratana Rajakanya's College	The Biological and Ecology Study of Brotia costula at Lam Liang Brook, Kong Ra District and Srinakarin District	GOLD	
4	United States of America	Mountain House High School	Cyclo.Plas: Upcycling Fish Scale Waste as an Environmentally-Friendly Thin Plastic-like Material to Combat White Pollution	GOLD	IYSA SEMI GRAND AWARD, FREE REGIST YISF
5	Indonesia	MBI Amanatul Ummah	3B-SROC (Bio-Batteries Based on Stale Rice and Old Cocos Nucifera)	GOLD	
6	Indonesia	MTs Negeri Batu	Natural Insecticide with Alkaloid Materials of Bintaro Leaves (Cerbera manghas) as An Exterminatoramerican Cockroaches (Blattodea)	GOLD	IYSA SEMI GRAND AWARD, FREE REGIST I2ASPO
7	Malaysia	SMK Aminuddin Baki Kuala	Sodium Cloud-ride	GOLD	
8	Indonesia	MTS 10 SLEMAN	SMART ELECTRICAL DURBAN Durian and Banana Peel Gel Power Bank with Microbial Fuel Cell (MFC)	GOLD	
9	Indonesia	SMAN Titian Teras H. Abdurrahman Sayoeti	LUMINOS (Allium sativa and Allium cepa varascalonicum (L) back Skin Bioplastic) As an Effort to Create Green-World by Waste	GOLD	
10	Indonesia	MTs Negeri 1 Yogyakarta	An Innovation of the Eco Friendly Wereng Pest Trap Based on UV and Electricity Shock with a Solar Cell Power Source	GOLD	
11	Iran	International Avicenna Research Center	Removal of Nutrients by Chlorella Vulgaris Microalgae in Bandar Abbas Municipal Wastewater	GOLD	
12	Indonesia	SMAN 2 Semarang	The Effectiveness of Eco-Herbzyme with CISOze to Decrease BOD and COD in Tofu Liquid Waste	GOLD	SPECIAL AWARD MIICA
13	Philippines	Tagaytay City Science National High School-Integrated Senior High School	Green Concrete: A Sustainable Concrete with Wood Ashes, Clay Pots, and Plastic Bottles as Alternative to Commercial Concrete	GOLD	

14	Indonesia	Senior high school 1 lamongan	TESTING THE EFFECTIVENESS OF BINTARO FRUIT EXTRACT (Carbera manghas) AS A NATURAL INSECTICIDE FOR SOIL CREEPIES (Captotermes curvignathus)	GOLD	
15	Indonesia	MBI AMANATUL UMMAH PACET	BS-21 MASK: THE UTILIZATION OF BANANA STALKS (Musa paradisiaca L) AS A BIODEGREDABLE MASK IN THE PREVENTION OF COVID-19	GOLD	
16	Indonesia	Madrasah Tsanawiyah Negeri 2 Sukoharjo	UTILIZATION OF STYROFOAM WASTE AND RICE HUSK WASTE AS SNI-STANDARD PARTICLE BOARD MATERIALS	GOLD	
17	Indonesia	SMA GARUDA CENDEKIA	MERTOKU BIOFILTER - NATURAL ADSORBENT THE EXTRACT OF Sansevieria sp. ON MOTOR VEHICLES IN REDUCING EXHAUST GAS EMISSIONS	GOLD	FULLY FUNDED IIIC, MALAYSIA (miica)
18	Indonesia	Avicenna Cinere High School	Aromatherapy of CorOnA Herbal Extract from Kecombrang Flower, Lemon Peel and Pandan Leaves.	GOLD	
19	Indonesia	SMP Negeri 5 Yogyakarta	Sustainable Approach on Palm Oil Solid Waste Management: Utilization as Volatile Organic Compound Adsorbent	GOLD	SPECIAL AWARD MIICA
20	Indonesia	SMAN 1 MENGWI	Utilization of Durian Skin Waste as an Environmentally Friendly Larvicide for Mosquito Larvae	GOLD	
21	Indonesia	SMA Negeri 4 Denpasar	Optimization of Rice Straw (Oryza sativa) Waste with Alang-alang Roots (Imperata cylindrica) and Elephant Grass Stem (Pennisetum purpureum) To Create Organic Vinyl	GOLD	
22	Indonesia	SMA Negeri 4 Denpasar	Utilizing The Waste Of Chicken Bones (Gallus gallus), Limestone, And Rice Chaff Ash (Oryza sativa) As Shingle Tiles With Low Water Absorption	SILVER	
23	Indonesia	SMP Negeri 5 Yogyakarta	Doggi Potion As The Natural Pesticide	GOLD	
24	Indonesia	MTS 1 BANTUL	Anti-Pollution Mask Filter Biodegradable From Dragon Leather Waste	GOLD	
25	Indonesia	SMAIT IQRA' KOTA BENGKULU	PEMIKA	GOLD	TROPHY YAYASAN PENDIDIK PRESTASI INDONESIA
26	Indonesia	MAN 4 BANTUL	Effectiveness of M21 Decomposer Concentration Variations and Time Variation of Root Decomposition of Hydroponic Waste in Making Liquid Organic Fertilizer	GOLD	
27	Indonesia	SMP Negeri 3 Denpasar	Ergonomics And Reuseable Mask With An Anti-Fogging Feature, Adjustable Straps, And Reinforcing Structure For Easy Breathing.	GOLD	
28	Indonesia	Islamic Senior High School 2 Kutai Kartanegara	WELFITECH (Wastewater Electrocoagulation and Filtration Technology): Industrial Waste Treatment Technology of Samarinda's Sarung Tenun to Reduce Water Pollution in Mahakam River, East Borneo	GOLD	

29	Indonesia	SMA MUHAMMADIYAH 10 GKB GRESIK	THE PROBABILITY OF NEEM LEAVES (<i>Azadirachta indica</i> Juss.) AS AN ANTI-VIRAL CANDIDATE FOR SARS-COV-2: A MOLECULAR DOCKING	SILVER	
30	Vietnam	Bach Khoa Maths and Science Club	ENVIRONBOAT - Remote river trash - picking robot	SILVER	IYSA SEMI GRAND AWARD, FREE REGIST YISF
31	Indonesia	Avicenna Cinere High School	"PaSiPung" Pellets: Catfish Feed to Support Healthy Nutrition	SILVER	
32	Indonesia	MAN Demak	HMP (HydroMaskPonic)	SILVER	
33	Indonesia	MBI AMANATUL UMMAH PACET MOJOKERTO	Utilization of avocado seed (<i>Persea americana</i>) extract as an environmentally friendly liquid detergent	SILVER	
34	Indonesia	Madrasah Tsanawiyah 9 Bantul	Edible Glass from Waste Banana Peels with Additions Moringa and Spirulina Leaves	SILVER	
35	Indonesia	SMAN 3 SEMARANG	STUDY OF THE EFFECTIVENESS OF PROBIOTIC ADDITION ON TOFU WASTEWATER BIOREMEDIATION USING <i>Chlorella pyrenoidosa</i>	GOLD	
36	Indonesia	MTs Negeri 1 Jepara	The Diversity of Fish Species as Bioindicator of Pollution in The Wiso River in Jepara	SILVER	
37	Philippines	Sablayan National Comprehensive High School	Enhancing Fish Visual-Motor Coordination using Red Lights on Guppies	SILVER	
38	Indonesia	MADRASAH TSANAWIYAH NEGERI 1 SEMARANG	BIODEGRADABLE POLYBAG FROM BAGASSE WASTE	SILVER	
39	Indonesia	MTs Negeri 1 Jepara	LIVING ENVIRONMENT CONSERVATION VALUE OF DEWANDARU (<i>EUGENIA UNFLORA L</i>) IN KARIMUNJAWA	SILVER	
40	Indonesia	SMA 1 KUDUS	Biquid Tori as an Environmentally Friendly Renewable Energy Source	SILVER	
41	Thailand	Princess Chulabhorn Science High School Satun	Simple Microplastic Electromagnetic Detector	GOLD	
42	Indonesia	MA SAINS ROUDLOTUI QUR'AN	THE EFFECTIVENESS OF ENVIRONMENTALLY FRIENDLY BRICKS FROM BANNER WASTE AND RICE HUSK	SILVER	
43	Turkey	Buca Municipality Kızılcıllu Science and Art Center	Development of Nanoparticle based Colorimetric Method for Lead Detection	SILVER	
44	Indonesia	MAN Sidoarjo	Optimalization of Api-Api (<i>Avicennia marina</i>) Leaves as a Mosquito Repellent Based on Diffuser	SILVER	
45	Indonesia	SMA Negeri 4 Denpasar	Utilization of <i>Spirulina platensis</i> and <i>Tetraselmis</i> sp. Microalgae as Photobioreactor Agents for Mitigating CO2 Gas Emissions	SILVER	
46	Indonesia	SMA Hidayatus Salam	Floating Toilet for Flooded Areas	SILVER	
47	Indonesia	Madrasah Tsanawiyah Negeri 2 Sukoharjo	MANUFACTURE OF RAW PAPER MATERIALS OF CORN STALKS AND CORN HUSKS WASTE	SILVER	
48	Indonesia	MTS IHYAUL ULUM DUKUN GRESIK JAWA TIMUR INDONESIA	" ECO-DIAPER " ECO-FRIENDLY BABY DIAPERS WITH SUPER ABSORBENT POLYMER FROM GRAPEFRUIT AND AVOCADO PEEL	SILVER	

49	Thailand	Princess Chulabhorn Science High School Satun	Longkong Net from Hyacinth Fiber	SILVER	
50	Indonesia	SMAN 21 Surabaya	Simple Bioassessment Using Macroinvertebrates Bentos To Determine Water Qaulity In Kalimas Surabaya	SILVER	i3L Special Award
51	Indonesia	MTs Negeri 1 Jepara	CHARACTERISTIC OF PARIJOTO (<i>Medinilla magnifica</i>), ENDEMIC FLORA OF MURIA MOUNTAIN	SILVER	
52	Indonesia	MBI Amanatul Ummah Mojokerto	BiofjingaeO3 (The Creation of Bioethanol Maja Fruit (<i>Aegle marmelos</i> L.) Using <i>Saccaromyces cerevisiae</i> and HNO ₃) as an Alternatif to Fossil Fuel	BRONZE	
53	Indonesia	MAN 3 SLEMAN	Efforts To Preserve Conservation of Heron Bird (<i>Heron bird garzetta</i>) in Ketingan Hamlet, Tirtoadi Village, Mlati District, Sleman, Yogyakarta.	BRONZE	
54	Thailand	Princess Chulabhorn Science High School Satun	Mold prevention of <i>capsicum frutescens</i> with tannin from black tea	BRONZE	
55	Indonesia	MAN SIDOARJO	OAXSACA (Bamboo Biochar with Chitosan Extract for Embankment Function Restoration)	BRONZE	
56	Indonesia	SMAN TARUNA NALA JAWA TIMUR	Komsional Machine as an Alternative Way to Minimizing Organic Waste	BRONZE	
57	Indonesia	MAN 2 Ponorogo	FASTER (Tofu Waste Separator) as a Biofilter Tofu in Water from Coconut Shell (<i>Cocos Nucifera</i>) and Banana Pell (<i>Musa Paradisiaca</i>)	BRONZE	
58	Indonesia	Madrasah Tsanawiyah Negeri 5 Demak	"ECOBRIK" ECOFRIENDLY LEGO BRICK INNOVATION FROM SHELLFISH WASTE AND RICE STRAW AS AN EARTHQUAKERESISTANT HOUSING CONSTRUCTION MATERIAL IN INDONESIA	BRONZE	
59	Indonesia	SMA MUHAMMADIYAH 1 TAMAN	Miniature Ecopaper	BRONZE	
60	Indonesia	Senior High School 1 Petang	Planting Sacred Trees and Wrapping the Trees with Tridatu Cloth	BRONZE	
61	Indonesia	international standard school of amanatul ummah	LIKEN GROWTH EFFECTIVINESS WITH CINNAMON AND LEMONGRASS BARK IN TIKUS TEMPLE	BRONZE	
62	Indonesia	Petra 5 Senior High School	DRAITEL (RED DRAGON FRUIT PEEL) AS AN INGREDIENT TO MAKE AN AROMATHERAPY RECYCLED PAPER	BRONZE	
63	Indonesia	MBI Amanatul Ummah	community-based tourism development innovation through the application at the Jolotundo temple	BRONZE	
64	Indonesia	MBI Amanatul Ummah	UZOLD WASIE (Utilization of Household Waste (Corn Husk) and Merkusii Pine for Briquettes)	BRONZE	
65	Indonesia	MAN 4 BANTUL, YOGYAKARTA, INDONESIA	Bioplastik by Utilizing Sarch of Plantain Skin (<i>Musa textilia</i>) to Accelerate the Degradation of Plastic Waste	BRONZE	
66	MALAYSIA	SMK Seri Titiwangsa	Natural ECO Cold Pack	BRONZE	
67	Indonesia	MBI Amanatul Ummah Pacet	pengontrol pertumbuhan padi menggunakan Rigrow Technology	BRONZE	
68	Indonesia	MAN 2 Sleman	Monitoring of Plastic Waste at Baron Beach Yogyakarta	BRONZE	

69	Korea	Seoul International School	Biodegradable Plastics – The potential usage in our everyday life	BRONZE	
70	Korea	St. Paul Preparatory Seoul	Environmental Digital Currency for CER Trading (Automated Certified Emission Reduction of Carbon Dioxide trading system with digital currency and IOT)	BRONZE	
71	Indonesia	Man 2 Kota Pekanbaru	egg shell waste and extract natural dye pigments as wall paint	BRONZE	
72	Korea	Taejon Christian International School	Simulation of a Marine Ecosystem Using Swarm Intelligence	BRONZE	
1	Malaysia	SJKT Taman Melawati	MySoil MyPlant	GOLD	IYSA Special Award
2	Malaysia	MALAYSIA INNOVATION, INVENTION & CREATIVITY (MIICA)	SMARTEST GAS LEAKAGE SENSOR (SGLS)	GOLD	FULLY FUNDED AISEEF 2022, IYSA GRAND AWARD
3	Indonesia	SD HJ. Isriati Baiturrahman 1	SALTO - Save And Learn the Ocean Kids Educational	SILVER	
4	Indonesia	SD IT AL HUDA BAWEAN	Environmentally Friendly Sabhengan, A Rapellent Tool For Gadfly Animals/ Pests in the rice fields	SILVER	IYSA Semi Grand Award