



Result of International Innovation and Invention Competition 2024 (III Ce 2024)





Platinum Best of the Best Award



Young Inventor Award (Primary School)



Young Inventor Award (High Institution)

IIIce2024 Platinum Best of The Best Award (Category - Primary School)

No.	Participant Name	Project Title	Organization	AWARD
1	AISHWARYA NAIR A/P MURALI DHARAN	HANDMADE HERBAL SOAP	SJK TAMIL LADANG TEBRAU, JALAN ADDA UTAMA, BANDAR DATO ONN, 81100 JOHOR BAHRU, JOHOR.	1 Cert + 1 Plaque

IIIce2024 Platinum Best of The Best Award (Category - Secondary School)

No.	Participant Name	Project Title	Organization	AWARD
1	Mohamad Adam Danish Bin Mohamad Fakhrolrozi	E-coagulant: A novel treatment process for muddy river	SEKOLAH MENENGAH KEBANGSAAN SYED AHMAD, TAMBUN TULANG,02800 ARAU,PERLIS	1 Cert + 1 Plaque

IIIce2024 Platinum Best of The Best Award (Category - Certificate / Diploma)

No.	Participant Name	Project Title	Organization	AWARD
1	NUR SYUHADA BINTI MOHAMAD	Mini Aquaponics System using IoT Technology for Teaching and Learning	JABATAN TEKNOLOGI MAKLUMAT DAN KOMUNIKASI, POLITEKNIK UNGKU OMAR, JALAN RAJA MUSA MAHADI, 31400 IPOH, PERAK.	1 Cert + 1 Plaque

IIIce2024 Platinum Best of The Best Award (Category - Undergraduate / Postgraduate)

No.	Participant Name	Project Title	Organization	AWARD
1	Mohd Sharil Salleh	TROP-PEX: TROPICAL PREDICTION MODEL OF PEAK OVERPRESSURE FOR MILITARY PLASTIC EXPLOSIVE (PE4) AND LOCAL EMULEX EXPLOSIVE	Universiti Tun Hussein Onn Malaysia (UTHM)	1 Cert + 1 Plaque

IIIce2024 Platinum Best of The Best Award (Category - Professional)

No.	Participant Name	Project Title	Organization	AWARD
1	Assoc Prof Ir Dr Audrey Huong	SKIN.Dx	Universiti Tun Hussein Onn Malaysia (UTHM)	1 Cert + 1 Plaque

IIIce2024 The Young Inventor Award (Category - Primary School)

No.	Participant Name	Project Title	Organization	AWARD
1	IMAN NUR INSYIRAH BINTI MOHAMED SHAHIBULNEZAM	KIT BINUJAR 3.0	SK Putrajaya Presint 18 (1) Jalan P18, Presint 18 62150 Putrajaya Wilayah Persekutuan Putrajaya	1 Cert + 1 Plaque

IIIce2024 The Young Inventor Award (Category - High Institution)

No.	Participant Name	Project Title	Organization	AWARD
1	SHAZLEEN BINTI AHMAD RAMLI	HIGH-PERFORMANCE ETCHED-TIO2 ROD NANOPHOTOCATALYZER FOR METHELYNE BLUE DEGRADATION	Universiti Tun Hussein Onn Malaysia (UTHM)	1 Cert + 1 Plaque



Best of the Best Award

**List of IIICe2024 Best of the Best Winner by Sub-Category
(Category - Certificate/Diploma)**

No.	Participant Name	Project Title	Organization	Sub-Category	AWARD
1	Siti Nursalma Binti Halimuddin	FERTIMULCHER	Kolej Vokasional Pagoh, Jalan Renchong-Gombang, 84600 Pagoh Muar, Johor	Agriculture, Environmental and Renewable Energy	1 Cert + 1 Plaque
2	Tc.Muhammad Yusuf Bin Rambeli	MOTORCYCLE RECORDER WITH APP SYSTEM (MORAS)	INSTITUT KEMAHIRAN MARA JOHOR BAHRU, JALAN TARUKA OFF,JALAN DATIN HALIMAH,80990 ,JOHOR BAHRU,JOHOR	Automotive, Transportation and Industrial Design	1 Cert + 1 Plaque
3	Muhammad Syuaib Bin Suhaimi	COCONUT BASED PARQUET FOR FLOOR FINISH	KOLEJ VOKASIONAL LEBUH CATOR, 30450, IPOH,PERAK	Biotechnology, Health, and Chemicals	1 Cert + 1 Plaque
4	Nur Syuhada Binti Mohamad	Mini Aquaponics System using IoT Technology for Teaching and Learning	JABATAN TEKNOLOGI MAKLUMAT DAN KOMUNIKASI, POLITEKNIK UNGKU OMAR, JALAN RAJA MUSA MAHADI, 31400 IPOH, PERAK.	Education	1 Cert + 1 Plaque
5	Muhammad Fakhri Bin Muhamad Noor	GEROBOK REZEKI RFID VENDING MACHINE (G-VEM)	KOLEJ VOKASIONAL AMPANGAN, KM 4, Jalan Seremban-Kuala Pilah Ampangan 70400 Seremban Negeri Sembilan	ICT, Multimedia and Telecommunications, Electrical and Electronic	1 Cert + 1 Plaque
6	Mohd Husni Bin Mohd Yusoff	FISH SCALE REMOVER MACHINE 4.0	KOLEJ VOKASIONAL AMPANGAN 70400 SEREMBAN, NEGERI SEMBILAN	Manufacturing Process, Machines and Equipment	1 Cert + 1 Plaque

**List of IIICe2024 Best of the Best Winner by Sub-Category
(Category - Sekolah Menengah / Secondary School)**

No.	Participant Name	Project Title	Organization	Sub-Category	AWARD
1	Mohamad Adam Danish Bin Mohamad Fakhrolrozi	E-coagulant: A novel treatment process for muddy river	SEKOLAH MENENGAH KEBANGSAAN SYED AHMAD, TAMBUN TULANG,02600 ARAU,PERLIS	Agriculture, Environmental and Renewable Energy	1 Cert + 1 Plaque
2	Abdul Majeed Zulkipli	River Guardian: Integrating Technology and Design for Cleaner Waterways Monitoring	SMI Hidayah BP, Jalan Shufaat, Kg Olak Batu, 86400 Parit Raja, Johor Darul Takzim	Automotive, Transportation and Industrial Design	1 Cert + 1 Plaque
3	Aliya Altafunnisa Binti Mohammad Asraff	New Innovation of Bio-based Composite from Axonopus Compressus Waste as Green Thermal Insulation for Environmentally Sustainable Building Construction Materials	Sri Ayesha Islamic School, No 11-1, Jalan Medan PB3A, Seksyen 9, 43650 Bandar Baru Bangi, Selangor	Biotechnology, Health, and Chemicals	1 Cert + 1 Plaque
4	Er Zhi Yeng	EduBot-NodeMCU ESP8266 Smart Car	SMK BUKIT PASIR, Jalan Jorak - Bukit Pasir, Kampung Jalan Raja, 84300 Bukit Pasir, Johor	Education	1 Cert + 1 Plaque
5	Vinash Shka Rao A/L Prakash Rao	Arduino and IOT Air Quality Monitoring System	SMK Sultan Badlishah, Jalan Sultan Badlishah, Kampung Tunku Putra, 09000 Kulim, Kedah	ICT, Multimedia and Telecommunications, Electrical and Electronic	1 Cert + 1 Plaque

**List of IIICe2024 Best of the Best Winner by Sub-Category
(Category - Sekolah Rendah / Primary School)**

No.	Participant Name	Project Title	Organization	Sub-Category	AWARD
1	Aishwarya Nair A/P Murali Dharan	HANDMADE HERBAL SOAP	SJK TAMIL LADANG TEBRAU, JALAN ADDA UTAMA, BANDAR DATO ONN, 81100 JOHOR BAHRU, JOHOR.	Agriculture, Environmental and Renewable Energy	1 Cert + 1 Plaque
2	SAIFUL DIN BIN SABDIN	Car Carbon Monoxide Detection System	SEKOLAH KEBANGSAAN JEMENTAH, KM22 JALAN MUAR 85200 JEMENTAH SEGAMAT JOHOR	Automotive, Transportation and Industrial Design	1 Cert + 1 Plaque
3	ONG JIRNG YING	MEDIMATE	SJKC YUK CHAI, JALAN SS24/1, TAMAN MEGAH, 47301 PETALING JAYA, SELANGOR	Biotechnology, Health, and Chemicals	1 Cert + 1 Plaque
4	Iman Nur Insyirah Binti Mohamed Shahibulnezam	KIT BINUJAR 3.0	SK Putrajaya Presint 18 (1) Jalan P18, Presint 18 62150 Putrajaya Wilayah Persekutuan Putrajaya	Education	1 Cert + 1 Plaque
5	Muhammad Rayyan Bin Ibrahim	CLASS MONITORING SYSTEM	SEKOLAH KEBANGSAAN MENSUDUT PINDAH, KAMPUNG MENSUDUT PINDAH, 85100, BATU ANAM, SEGAMAT, JOHOR	ICT, Multimedia and Telecommunications, Electrical and Electronic	1 Cert + 1 Plaque
6	DARSYIKA A/P THIVAGAR	AUTO DISCIPLINE ROOM	SJKT LADANG SUNGAI WANGI II,32000 SITIAWAN,PERAK	Manufacturing Process, Machines and Equipment	1 Cert + 1 Plaque

**List of IIICe2024 Best of the Best Winner by Sub-Category
(Category - Staff / Professional)**

No.	Participant Name	Project Title	Organization	Sub-Category	AWARD
1	Ts. Dr. Mohamed Hizam Bin Mohamed Noor	STARPRO Flocculant: Reinvent the future of palm oil wastewater treatment	Universiti Teknologi Malaysia (UTM)	Agriculture, Environmental and Renewable Energy	1 Cert + 1 Plaque
2	Herdawatie binti Abdul Kadir	DESIGN AND DEVELOPMENT OF 3D PRINTED REMOTELY OPERATED VEHICLES (ROVs)	Universiti Tun Hussein Onn Malaysia (UTHM)	Automotive, Transportation and Industrial Design	1 Cert + 1 Plaque
3	Nur Anida Binti Jumadi	DiaMonD: DIABETES MONITORING DEVICE	Universiti Tun Hussein Onn Malaysia (UTHM)	Biotechnology, Health, and Chemicals	1 Cert + 1 Plaque
4	Maheera Mohamad	Sustainable Building Solutions: Combining Expanded Polystyrene (EPS) and Sugar Refinery Waste Pressmud from MSM Prai Berhad	Universiti Utara Malaysia (UUM)	Building, Construction and Materials	1 Cert + 1 Plaque
5	Hu Laey Nee	R.O.B.O.T.S 2.0 (Robots-Enhanced Operation for Brilliant Opportunity In Teaching Success)	INSTITUT PENDIDIKAN GURU MALAYSIA KAMPUS SARAWAK	Education	1 Cert + 1 Plaque
6	Jong Siat Ling	Mobile UAV-Based 5G Wireless Hotspots for Emergency Communication and Disaster Response	Universiti Tun Hussein Onn Malaysia (UTHM)	ICT, Multimedia and Telecommunications, Electrical and Electronic	1 Cert + 1 Plaque
7	G.Nagamany A/P Govindan	AcInG in ODL Assessment	PUSAT ASASI, UITM CAWANGAN SELANGOR KAMPUS DENGKIL	Pandemic Innovation	1 Cert + 1 Plaque

**List of IIICe2024 Best of the Best Winner by Sub-Category
(Category - Undergraduate / Postgraduate)**

No.	Participant Name	Project Title	Organization	Sub-Category	AWARD
1	Mukhammad Zakky Syahrul Aziz	Automatic Irrigation Gate Innovation Based on Internet of Things using MPPT PV System	Universitas Islam Malang, Jalan Mayjen Haryono No.193, Dinoyo, Kec. Lowokwaru, Kota Malang, Jawa Timur, Indonesia	Agriculture, Environmental and Renewable Energy	1 Cert + 1 Plaque
2	Mohd Sharil Salleh	TROP-PEX: TROPICAL PREDICTION MODEL OF PEAK OVERPRESSURE FOR MILITARY PLASTIC EXPLOSIVE (PE4) AND LOCAL EMULEX EXPLOSIVE	Universiti Tun Hussein Onn Malaysia (UTHM)	Automotive, Transportation and Industrial Design	1 Cert + 1 Plaque
3	Mohamad Wafiuddin Bin Ismail	EcoMediFlex: A Future Recycled Polyethylene Terephthalate (PET) Film for Green Consumables in Healthcare Application	International Islamic University Malaysia, Department of Chemistry, Kulliyah of Science, International Islamic University Malaysia, 25200, Kuantan, Pahang Darul Makmur, Malaysia	Biotechnology, Health, and Chemicals	1 Cert + 1 Plaque
4	Nur Zafifa Kamaruzaman	Voting Voice: Amplifying Youth in Democracy	Fakulti Sains Pentadbiran dan Pengajian Polisi, UiTM Cawangan Seremban 3	Education	1 Cert + 1 Plaque
5	Shazleen Binti Ahmad Ramli	HIGH-PERFORMANCE ETCHED-TIO2 ROD NANOPHOTOCATALYZER FOR METHELYNE BLUE DEGRADATION	Universiti Tun Hussein Onn Malaysia (UTHM)	ICT, Multimedia and Telecommunications, Electrical and Electronic	1 Cert + 1 Plaque
6	Regina AK Lambin	FLYCHAIN: A GAME-CHANGER FOR DISASTER RELIEF OPERATIONS	Universiti Tun Hussein Onn Malaysia (UTHM)	Manufacturing Process, Machines and Equipment	1 Cert + 1 Plaque
7	Muhammad Hafizi Bin Khairul Nazri	DEVELOPMENT OF A 4WD OMNI WHEEL MOBILE ROBOT WITH KINEMATICS CONTROL	Universiti Tun Hussein Onn Malaysia (UTHM)	Pandemic Innovation	1 Cert + 1 Plaque



Gold



Silver



Bronze

Award

IIICE2024 Results

Participant Name	Project Title	Category	Cluster	
Ahmad Darwish Muqhlis Bin Ahmad Shukor	Smart Drone Monitoring System	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Gold
Mohd Husni Bin Mohd Yusoff	FISH SCALE REMOVER MACHINE 4.0	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Gold
Muhammad Amir Ikram Bin Khairul Azham	SMART BELL CONTROL SYSTEM	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Gold
Muhammad Fakhri Bin Muhamad Noor	GEROBOK REZEKI RFID VENDING MACHINE (G-VEM)	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Gold
Muhammad Fitri Bin Othman	ADVANCE MUSHROOM'S HOUSE	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Gold
Muhammad Haikal Bin Fazrul Anwar	SISTEM FERTIGASI IOT	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Gold
Nur Asyikin Bt Ab Latif	LECTURER ASSIGNMENT RFID DRAWER (LARD)	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Gold
Nur Fatimah Binti Asdi Julaimi	DURIAN PEELER	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Gold
Nur Syuhada Binti Mohamad	Mini Aquaponics System using IoT Technology for Teaching and Learning	Education	Certificate/Diploma (Malaysia)	Gold
Nurhuda Binti Md Tahir	META MASTERY INVENTORY (MMI)	Education	Certificate/Diploma (Malaysia)	Gold
Siti Nur Farah Syazwani Binti Abd Kadir	PORTABLE STAND MOTORCYCLE	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Gold
Tan Xing Yue	THE RFID (AND) SYSTEM	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Gold
Tc.Muhammad Yusuf Bin Rambeli	MOTORCYCLE RECORDER WITH APP SYSTEM (MORAS)	Automotive, Transportation and Industrial Design	Certificate/Diploma (Malaysia)	Gold
Zulhakim Bin Mohamad Razeman	ELECTRODE TUNGSTEN SHARPENER	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Gold
Farah Hannani Sephia Binti Mohd Fuzi	SPACER BLOCK MOULD FOR THE PURPOSE OF TEACHING AND LEARNING IN THE CONSTRUCTION TECHNOLOGY PROGRAMME AT VOCATIONAL COLLEGE	Education	Certificate/Diploma (Malaysia)	Silver
Jalil bin Lias	AutoRehab Cycle	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Silver
Mohd Fairus Bin Muhamad Ali	MULTIPURPOSE STEAM DRUM COOKER	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Silver
Muhammad Aiman Danial Bin Ali	Design and Development of a Multipurpose Creeper for Enhanced Mechanic Efficiency and Comfort in Four-Wheel Drive Vehicle Maintenance	Automotive, Transportation and Industrial Design	Certificate/Diploma (Malaysia)	Silver
Muhammad Aminuddin Bin Mohamed Nor	AUTOMATIC SEASHELL CLEANER	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Silver

IIICE2024 Results

Muhammad Farid Bin Iskandar	SMART MOTOR CONTROL CENTRE SYSTEM	Education	Certificate/Diploma (Malaysia)	Silver
Muhammad Syaib Bin Suhaimi	COCONUT BASED PARQUET FOR FLOOR FINISH	Biotechnology, Health, and Chemicals	Certificate/Diploma (Malaysia)	Silver
Nur Aisyah Hani binti Mohd Farhan	D-C MOJO	Education	Certificate/Diploma (Malaysia)	Silver
Nur Elyani Binti Azm	EASY ROOM BOOKING SYSTEM	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Silver
Nur Elyani Binti Azm	DECOR EVO	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Silver
Puteri Syazmira Bt Megat Abd Rani	FILAMENT EXTRUDER	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Silver
Siti Balqis Diana Binti Ainaldin	INNOVATION SYSTEM WINDOW OPENINGS SLIDER MANUALLY TO THE SYSTEM OF THE OPENINGS OF THE WINDOWS AUTOMATIC SLIDING-BASED DETECTOR SYSTEM WISE (SENSOR) RAIN WATER	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Silver
Siti Nur Aishah Bt Mohd Hatta	ABSORBER SPRING OPENER	Automotive, Transportation and Industrial Design	Certificate/Diploma (Malaysia)	Silver
Siti Nursalma Binti Halimuddin	FERTIMULCHER	Agriculture, Environmental and Renewable Energy	Certificate/Diploma (Malaysia)	Silver
Tan Yit Jie	KIA SYSTEM (Kesihatan Ibu dan Anak)	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Silver
Yusuf Hendrawan (Online)	IoT-based Smart Window with using the Indonesian Weather and Prayer Time API	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Silver
Abdul Jalil Bin Ismail	MESIN PEMBAKAR LEMANG AUTOMATIK	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Bronze
Baharuddin Bin Aspan@Pardi	MINI BEND TEST	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Bronze
Kamariahtul Izual Binti Mohamed Tahir	HOME WASTE COMPOSTING BIN WITH SMART FERTILIZER SYSTEM	Agriculture, Environmental and Renewable Energy	Certificate/Diploma (Malaysia)	Bronze
Khairul Faizi Bin Othman Bakar	MULTIPURPOSE FOLDING UMPIRE CHAIR	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Bronze
Khairul Faizi Bin Othman Bakar	MESIN MEMBERSIH BERAS	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Bronze
Mohamad Syayyid Ghazsani Bin Mohamad Tamizi	DESIGN AND DEVELOPMENT OF A HYDRAULIC VEHICLE POSITIONING JACK FOR ENHANCED MECHANIC EFFICIENCY IN FOUR-WHEEL DRIVE VEHICLE MAINTENANCE	Automotive, Transportation and Industrial Design	Certificate/Diploma (Malaysia)	Bronze
Mohd Hilman bin Mohd Akil Tan	Designing air scoop for cold air intake to improve engine performance	Automotive, Transportation and Industrial Design	Certificate/Diploma (Malaysia)	Bronze

IIICE2024 Results

Mohd Hilman bin Mohd Akil Tan	Designing Heat Shield for Cold Air Intake to Improve Engine Performance	Automotive, Transportation and Industrial Design	Certificate/Diploma (Malaysia)	Bronze
Muhammad Aiman Rafiqi Bin Mohd Haslin	G2E-GENERATION 2 EXTENSION	ICT, Multimedia and Telecommunications, Electrical and Electronic	Certificate/Diploma (Malaysia)	Bronze
Muhammad Mikael Akif Bin Shamsul Anuar	ROOF SEAL PRECISION CUTTER	Manufacturing Process, Machines and Equipment	Certificate/Diploma (Malaysia)	Bronze

Participant Name	Project Title	Category	Cluster	
Aliya Altafunnisa Binti Mohammad Asraff	New Innovation of Bio-based Composite from Axonopus Compressus Waste as Green Thermal Insulation for Environmentally Sustainable Building Construction Materials	Biotechnology, Health, and Chemicals	Sekolah Menengah / Secondary School	Gold
Dharmini A/P Vijaya Kumar	SUSTAINABLE ECO LEATHER-JACKFRUIT WASTE	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Gold
Khairunizam Bin Maarop / Guru	ENRICHED AND ENHANCED VIRGIN COCONUT OIL	Biotechnology, Health, and Chemicals	Sekolah Menengah / Secondary School	Gold
Mohamad Adam Danish Bin Mohamad Fakhrurozi	E-coagulant: A novel treatment process for muddy river	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Gold
Muhammad Faris Ikhwan Bin Zulkarnain	STELLUNAR	Biotechnology, Health, and Chemicals	Sekolah Menengah / Secondary School	Gold
Muhammad Hadif Bin Mushi Abdullah	Soil Profiler Pro 1.0	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Gold
Neshalini Ashok	Health-focused IoT Portable CO2 Monitoring Device for Indoor Air Quality	Biotechnology, Health, and Chemicals	Sekolah Menengah / Secondary School	Gold
Nur Eryna Batrisya Binti Mohammad Nazir	Grow It	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Gold
Nur Shifa Tasnim Binti Zurni	PurrClean : Cat Litter from Rice Husk Ash and Recycled Paper Wastes	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Gold
Nurul Armalynda Binti Aziz	SATAYPIT	Manufacturing Process, Machines and Equipment	Sekolah Menengah / Secondary School	Gold
Thipanraj A/L Katigasu	FROGGY IoT	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Gold
Vinash Shka Rao A/L Prakash Rao	Arduino and IOT Air Quality Monitoring System	ICT, Multimedia and Telecommunications, Electrical and Electronic	Sekolah Menengah / Secondary School	Gold
Abdul Majeed Zulkipli	River Guardian: Integrating Technology and Design for Cleaner Waterways Monitoring	Automotive, Transportation and Industrial Design	Sekolah Menengah / Secondary School	Silver

IIICE2024 Results

Asiah Binti Jusoh	CHARICA++ BIOLARVICIDE	Biotechnology, Health, and Chemicals	Sekolah Menengah / Secondary School	Silver
Auni Maisarah binti Farizal	CO SENSOR	Biotechnology, Health, and Chemicals	Sekolah Menengah / Secondary School	Silver
Dev Abhinash A/L Sukumar	AUTOMATIC GARDENING SYSTEM	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Silver
Evaleen binti Samamjuis	Dragon Glow Honey Sleeping Mask: A Natural Solution for Rejuvenated Skin	Biotechnology, Health, and Chemicals	Sekolah Menengah / Secondary School	Silver
Mawar Asmah Husna Binti Jasimin	Waste Cooking Oil (WCO) Reverse Vending Machine	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Silver
Muhammad Haikal Syakir Bin Mohd Fuat	ASD-Aqua Smart Dry	Manufacturing Process, Machines and Equipment	Sekolah Menengah / Secondary School	Silver
Nur Qaisara Iman Bin Mohd Fadzli	SafeSeat: Enhancing Child Safety in Vehicles with Smart Power Detection and Real-Time Alerts	Automotive, Transportation and Industrial Design	Sekolah Menengah / Secondary School	Silver
Prithihashni a/p Murugappan	EcoMart	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Silver
Qistina Amani Binti Mohd Yusri	HYDRODETECTOR	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Silver
Raudhatun Nuha Binti Mohd Khairulnizam	Fun Cycle-Smart of the recycle bin	ICT, Multimedia and Telecommunications, Electrical and Electronic	Sekolah Menengah / Secondary School	Silver
Sufyan Bin Shamsul	Waste-Cir-Tech: Innovative Wastewater Treatment Solutions Utilizing Steel Waste	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Silver
Sufyan Bin Shamsul	Arduino Drain Water Utilization System	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Silver
Yeong Seen Ning	WILDLIFE ALERT SYSTEM	ICT, Multimedia and Telecommunications, Electrical and Electronic	Sekolah Menengah / Secondary School	Silver
Ainin Sofiya Binti Shamsul	PILLOW UP	ICT, Multimedia and Telecommunications, Electrical and Electronic	Sekolah Menengah / Secondary School	Bronze
Er Zhi Yeng	EduBot-NodeMCU ESP8266 Smart Car	Education	Sekolah Menengah / Secondary School	Bronze
Hjh Lily Bu Binti Abdullah	KAD IMEJ KETAJ	Education	Sekolah Menengah / Secondary School	Bronze

IIICE2024 Results

Ku Muhammad Irfan Bin Ku Shahidan	AMT-Automatic Mouse Trap	ICT, Multimedia and Telecommunications, Electrical and Electronic	Sekolah Menengah / Secondary School	Bronze
Muhammad Adam Hakim Bin Mohamad Hakim	MORS (THE GAMIFICATION OF THE EDUCATION INDUSTRY)	Education	Sekolah Menengah / Secondary School	Bronze
Nur Camelia Amalin Binti Mohd Nazri	C-CURE	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Bronze
Nuralia Farisha Binti Haslizan	SA HiTecLizer	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Bronze
Nurfaizia Binti Zainal Zawawi	Sanov Balm	Agriculture, Environmental and Renewable Energy	Sekolah Menengah / Secondary School	Bronze
Veronika Naduk	Suitcase Board Game	Education	Sekolah Menengah / Secondary School	Bronze

Participant Name	Project Title	Category	Cluster	
Aishwarya Nair A/P Murali Dharan	HANDMADE HERBAL SOAP	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Gold
AMEEN NABIHAN BIN NORYUSSAINI	CropWatch	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Gold
AQID IFFDAT ZIKRY BIN MOHD ZAHIR	RewardBit	Education	Sekolah Rendah / Primary School	Gold
Ashley Tan Chee Kuang	ENVIROBOTZ	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Gold
DARSYIKA A/P THIVAGAR	AUTO DISCIPLINE ROOM	Manufacturing Process, Machines and Equipment	Sekolah Rendah / Primary School	Gold
Iman Nur Insyirah Binti Mohamed Shahibulnezam	KIT BINUJAR 3.0	Education	Sekolah Rendah / Primary School	Gold
Milashrrie Kailasnathan	HERBAL SKIN CARE LOTION	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Gold
Norazman Bin Ahmat Syafri	Sambung & Baca Bahasa Arab (SaBBAr)	Education	Sekolah Rendah / Primary School	Gold
NUR AISYAH AQILAH BINTI ROSHIDI	AgroSense Monitoring and Intervention System (AMIS)	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Gold
NURTASNIM ASYIFAA BINTI MOHD FIRDAUS	WordGoal "Score Big with Every Word"	Education	Sekolah Rendah / Primary School	Gold
ONG JIRNG YING	MEDIMATE	Biotechnology, Health, and Chemicals	Sekolah Rendah / Primary School	Gold
Sara Nadine Binti Hairulnizam	SERESA 2.0 MEMACU PENDIDIKAN INKLUSIF DAN PEMERKASAAN PENDIDIKAN DIGITAL	Education	Sekolah Rendah / Primary School	Gold

IIICE2024 Results

Siti Khadijah Kamarudin	EcoSmart IoT Feeder Empowering Beginners in Sustainable Aquaponics	Education	Sekolah Rendah / Primary School	Gold
Siti Khadijah Kamarudin	"MY 1ST CODING KIT" COMPREHENSIVE BEGINNER-FRIENDLY CODING EDUCATION KIT	Education	Sekolah Rendah / Primary School	Gold
Tee Suan Lim	MOBILE PLANTING SYSTEM (MPS)	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Gold
Teo Woon Chun	GREAIT Module (GAMLET Communicative WrAlting Module)	Education	Sekolah Rendah / Primary School	Gold
ARYA KANESH	PEREGRINE FLOWER - A NATURAL PH INDICATOR FOR HOUSEHOLD APPLICATIONS	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
ASVIKAN A/L KUMARAN	HERBAL OXYGEN CANDLE	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Elamaaran A/L Muniandy	Chlorine free tap water	Biotechnology, Health, and Chemicals	Sekolah Rendah / Primary School	Silver
KAARTHIGEHYAN A/L JOTHINATHAN	HERBAL TOOTH POWDER	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Koovenathan A/L Kesavan	SMART IRRIGATION SYSTEM	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Mohd Sharizal Bin Mohd Said	Solar Oil FilTer (SOFTer)	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Muhammad Aqif Furqan Bin Mohammad Asraff	Home Products Made of New Bio-Degradable Materials Using Cow Grass Waste for Sustainable Environment	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Muhammad Rayyan Bin Ibrahim	CLASS MONITORING SYSTEM	ICT, Multimedia and Telecommunications, Electrical and Electronic	Sekolah Rendah / Primary School	Silver
Naddwah Rayyani Binti Muhammad Hilal	D'Muda Inno-Incubator	Education	Sekolah Rendah / Primary School	Silver
Nur Halinna Binti Abdul Rahman	AUTOMATED SOLAR-POWERED IRRIGATION FOR URBAN FARMING	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Rahayu Binti Ab Rahman	MULTIHUNDRED BLOCKS KIT	Education	Sekolah Rendah / Primary School	Silver
Raihan Binti Saiful	MiniSOC	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Saisharan A/L Tamilarasan	shadow scope IOT	Education	Sekolah Rendah / Primary School	Silver

IIICE2024 Results

Sara Nadine Binti Hairulnizam	STEM Cipher Quest: Young Codebreaker	Education	Sekolah Rendah / Primary School	Silver
SIDDHARTH PRABU	POP UP BALLS	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
Wan Hanim Najiah Binti Wan Muda	MENINGKATKAN KEMAHIRAN BACAAN IQRA' DENGAN MENGGUNAKAN GH PHONE BAGI MURID TAHUN 1 PROGRESIF DI SEKOLAH KEBANGSAAN SUNGAI UDANG, KLANG	Education	Sekolah Rendah / Primary School	Silver
YUSRI BIN ABD MUTALIB	DASH : DASH FISH CRACKERS	Manufacturing Process, Machines and Equipment	Sekolah Rendah / Primary School	Silver
YUSRI BIN ABD MUTALIB	MISS-T: MECHANIZED INTERGRATED SUPERHYGENIC SMART TOILET	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Silver
YUSRI BIN ABD MUTALIB	DAMBUKU : SMART GAME	Education	Sekolah Rendah / Primary School	Silver
Adenan Bin Othman	Ziqir Mind Solution (ZMS)	Education	Sekolah Rendah / Primary School	Bronze
Almas Nusaibah Binti Mohd Mustafa Kamal	KIT TARIAN	Education	Sekolah Rendah / Primary School	Bronze
Harshwinthiran A/L Kajendran	SMART LEARNING SYSTEM	Education	Sekolah Rendah / Primary School	Bronze
Muhammad Adam Arsyad Bin Mohd Fauzi	One-Stop-Centre PPDa SKBM	Education	Sekolah Rendah / Primary School	Bronze
Muhammad Lutfan Hariz Bin Mohd Khairul Farizzal	Smart Hybrid Cord	ICT, Multimedia and Telecommunications, Electrical and Electronic	Sekolah Rendah / Primary School	Bronze
Norhidayu Binti Othman	BIO-KANTAN	Agriculture, Environmental and Renewable Energy	Sekolah Rendah / Primary School	Bronze
Puan HjH Suriani Binti Hj Salleh	COLOURFUL EGG STRAINER	Education	Sekolah Rendah / Primary School	Bronze
SAIFUL DIN BIN SABDIN	Car Carbon Monoxide Detection System	Automotive, Transportation and Industrial Design	Sekolah Rendah / Primary School	Bronze
Sanjevan A/L Ganesen	SMART HOMEWORK INDICATOR	Manufacturing Process, Machines and Equipment	Sekolah Rendah / Primary School	Bronze
Siti Suhaidah Binti Mohamad Jalil	MODEL KNOW UR TEETH'S	Education	Sekolah Rendah / Primary School	Bronze
Suriani Binti Salleh	EGG RATE	Education	Sekolah Rendah / Primary School	Bronze

IIICE2024 Results

Participant Name	Project Title	Category	Cluster	
Assoc Prof Ir Dr Audrey Huong	SK!N.Dx	Biotechnology, Health, and Chemicals	Staff / Professional (Malaysia)	Gold
Ts. Dr. Mohamed Hizam Bin Mohamed Noor	STARPRO Flocculant: Reinvent the future of palm oil wastewater treatment	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Gold
Nur Anida Binti Jumadi	DiaMonD: DIABETES MONITORING DEVICE	Biotechnology, Health, and Chemicals	Staff / Professional (Malaysia)	Gold
Mohd Syahrul Hisyam bin Mohd Sani	Built-up Cold-formed Steel Column Filled with PET Fibre-reinforced Foam Concrete	Biotechnology, Health, and Chemicals	Staff / Professional (Malaysia)	Gold
Dr. Saripah Bakar	GEOCOCHA: Geoentomology Intelligent Distribution And Mapping System For Cocoa Pests In Peninsula Malaysia	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Gold
Hu Laey Nee	R.O.B.O.T.S 2.0 (Robots-Enhanced Operation for Brilliant Opportunity In Teaching Success)	Education	Staff / Professional (Malaysia)	Gold
Herdawatie binti Abdul Kadir	DESIGN AND DEVELOPMENT OF 3D PRINTED REMOTELY OPERATED VEHICLES (ROVs)	Automotive, Transportation and Industrial Design	Staff / Professional (Malaysia)	Gold
Nurul Adha Binti Md Yatim	"Jom Mudah Jawi " Modernizing Malay Jawi Learning	Education	Staff / Professional (Malaysia)	Gold
Ashok Vajravelu	Real-Time Human Lower Limb Muscle Strength Analysis with FSR Sensors: Innovation Challenge	Biotechnology, Health, and Chemicals	Staff / Professional (Malaysia)	Gold
Siti Sara Binti Yaacob Zubir	FINAL YEAR PROJECT ACCESS DATABASE (FYPAD) APPS	Education	Staff / Professional (Malaysia)	Gold
Jong Siat Ling	Mobile UAV-Based 5G Wireless Hotspots for Emergency Communication and Disaster Response	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Gold
Siti Amely Binti Jumaat	Smart Solar Powered for Hydroponic Close- Loop Low-Land Condition	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Gold
Shipun Anuar Bin Hamzah	Real-Time Flood Detection System: FloodWatch	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Gold
Assoc. Prof Dr Ramraini Ali Hassan	Innovative Web-based Chicken Farm Monitoring System	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Silver

IIICE2024 Results

Lenny Lai Mei Lan	EcoPower Guardian	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Silver
Tajul Aarif Bin Husin	myUTQH	Education	Staff / Professional (Malaysia)	Silver
Dr. Mazlan A Karim	TCT - Templat Corak terancang	Education	Staff / Professional (Malaysia)	Silver
Ashok Vajravelu	GlucoseNeuroPredict: Leveraging EEG and Machine Learning to Predict Brain Activities via Blood Glucose Levels	Biotechnology, Health, and Chemicals	Staff / Professional (Malaysia)	Silver
Nabihah @ Nornabihah Binti Ahmad	Machine Learning-Based Heart Attack Prediction System in FPGA and ASIC Implementation	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Silver
Munirah Binti Ab. Rahman	DESIGN AND IMPLEMENTATION OF PIPELINED RISC PROCESSOR FOR EDUCATIONAL PURPOSE	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Silver
Dr. Mazlan A Karim	3T (Tekap, Tampil, Tera)	Education	Staff / Professional (Malaysia)	Silver
Dr. Mazlan A Karim	KIT-KAT (KIT IKAT KIBAR)	Education	Staff / Professional (Malaysia)	Silver
Audrey Huong Kah Ching	FOOT-MOUNTED WEARABLE IMU SENSOR FOR VIRTUAL REALITY ASSISTED REHABILITATION	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Silver
Maheera Mohamad	Turning Pressmud into Biofeed for Eco-Friendly Farming Practices	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Silver
Ashok Vajravelu	AI-driven Psychological Analysis through EEG Signal Interpretation using Python	Biotechnology, Health, and Chemicals	Staff / Professional (Malaysia)	Silver
Norfadzliah Bt Yusof	PARCEL RECEIVER ANTI SCAMMER SYTEM	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Silver
Yee See Khee	VENDING MACHINE FOR ENHANCING HEALTHCARE ACCESS	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Silver
Chuan Zun Liang	SMART AGRICULTURE ECONOMICS AND ENGINEERING: UNVEILING THE INNOVATION BEHIND AI-ENHANCED RICE FARMING	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Silver

IIICE2024 Results

Warsuzarina binti Mat Jubadi	Innovative Farming: Harnessing IoT for Educational Smart Greenhouses	Education	Staff / Professional (Malaysia)	Bronze
Shipun Anuar Bin Hamzah	PORTABLE RF BATTERY CHARGER: RF PowerPod	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Bronze
Khairun Nidzam Ramli	Solar-Powered Water Pump with Four Distinct Time Slots for Agricultural Activities	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Bronze
Roziah binti Aziz	Solar Powered UV Light Pest Management for Sustainable Agriculture	Agriculture, Environmental and Renewable Energy	Staff / Professional (Malaysia)	Bronze
Nurfarina Zainal	Development of an intelligent wireless charging parking system for electric vehicle	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Bronze
Dr Mohamed Najib Bin Ribuan	ECO STREAM - WATER CONSERVATION SHOWER SYSTEM	ICT, Multimedia and Telecommunications, Electrical and Electronic	Staff / Professional (Malaysia)	Bronze
Maheera Mohamad	Sustainable Building Solutions: Combining Expanded Polystyrene (EPS) and Sugar Refinery Waste Pressmud from MSM Prai Berhad	Building, Construction and Materials	Staff / Professional (Malaysia)	Bronze
Shawira binti Abu Bakar	H5P + AI: A Powerful Combination for Engaging Learning in Open, Distance, and Digital Education	Education	Staff / Professional (Malaysia)	Bronze
Fatimah Binti Awang	TAJWEED GIANT FINGERS	Education	Staff / Professional (Malaysia)	Bronze
G.Nagamany A/P Govindan	AcInG in ODL Assessment	Pandemic Innovation	Staff / Professional (Malaysia)	Bronze

Participant Name	Project Title	Category	Cluster	
Mohd Sharil Salleh	TROP-PEX: TROPICAL PREDICTION MODEL OF PEAK OVERPRESSURE FOR MILITARY PLASTIC EXPLOSIVE (PE4) AND LOCAL EMULEX EXPLOSIVE	Automotive, Transportation and Industrial Design	Undergraduate / Postgraduate (UTHM)	Gold
Shazleen Binti Ahmad Ramli	HIGH-PERFORMANCE ETCHED-TIO2 ROD NANOPHOTOCATALYZER FOR METHYLENE BLUE DEGRADATION	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Gold

IIICE2024 Results

Mukhammad Zakky Syahrul Aziz	Automatic Irrigation Gate Innovation Based on Internet of Things using MPPT PV System	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (International)	Gold
Sharifah Jasmin Shahabudin Binti Syed Mohd Yohan	STUDY ON THE IMPACT OF WEB DEVELOPMENT ON DYSLEXIA STUDENT	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (Malaysia)	Gold
Nurfariyana binti Samburi	VOLTAGE STABILITY ANALYSIS OF ELECTRIC POWER SYSTEMS WITH HIGH PENETRATION PHOTOVOLTAIC INTEGRATION	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Gold
Nur Zafifa Kamarunzaman	Voting Voice: Amplifying Youth in Democracy	Education	Undergraduate / Postgraduate (Malaysia)	Gold
Muchammad Naufal Hilmi Alwan	SMART COMPOSTING : Optimizing Organic Waste Processing with IoT Integrated Anaerobic Fermentation Methods to Realize the 12th SDGs	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (International)	Gold
Norhayati Ayob	EcoBatik Terra	Education	Undergraduate / Postgraduate (Malaysia)	Gold
Roslita Binti Ramli	MobSENI GENIUS INSPIRATION	Education	Undergraduate / Postgraduate (Malaysia)	Gold
Mohamad Wafiuddin Bin Ismail	EcoMediFlex: A Future Recycled Polyethylene Terephthalate (PET) Film for Green Consumables in Healthcare Application	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (Malaysia)	Gold
Muhammad Angga Yoga Pratama (Online)	Emergency Power Using Portable Thermoelectric Generators in Military Field Operations	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (International)	Gold
Mohamed Faiz Bin Ramli	RAILWAY OPERATION AND MAINTENANCE TRANSPARENCY THROUGH BLOCKCHAIN TECHNOLOGY STRATEGIES	Automotive, Transportation and Industrial Design	Undergraduate / Postgraduate (Malaysia)	Gold
Muhammad Azfar Aiman bin Salime	MULTINODE AGRICULTURE MONITORING SYSTEMS UTILIZING LORA FOR WIRELESS CONNECTIVITY	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (Malaysia)	Gold
Sean Eddy Bin Effie Rizal	INTEGRATED SMART ELECTRIC VEHICLE (EV) CHARGING MOBILE APPLICATION	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (Malaysia)	Gold

IIICE2024 Results

Khoirussolih Bin Aminuddin	Optimization of Polypyrrole-Based Membranes Prepared by Vacuum-Assisted Filtration for Water Emulsion Separation	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Gold
Muhammad Shazmin Bin Sariman	Indoor Navigation system using A* algorithm for Augmented Reality	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Gold
Ng Wai Kit	AI MOOD TRACKING APPLICATION	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Gold
Diani Galih Saputri	Unlock The Power of Gambier Leaf (Uncaria): The Future of Eco-Friendly Solar Sensitizers.	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Gold
Muhammad Shazminshah Ishak	Smart Lighting and Energy Management System using Visitor Counter Based on IoT	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Gold
Chin Chung Wai	Design 36 VDC Fast-Charging Solar-Powered Electric Scooter Charger Using A Multiphase DC-DC Boost Converter	Automotive, Transportation and Industrial Design	Undergraduate / Postgraduate (UTHM)	Gold
Siti Juariah, M.Si,	Antibacterial And Antidiabetic Capsule Combination Of Red Ginger And Soursop Leaf Extracts	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (International)	Silver
Ahmad Fathi Bin Mohd Hasbullah	New Mixing Reactor Design for Biofuel Industry	Automotive, Transportation and Industrial Design	Undergraduate / Postgraduate (Malaysia)	Silver
Laila Wahidah Bt Mohamad Zailani	SweePPAC: Sweet Potato Peel Powder + Poly Aluminium Chloride	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Silver
Alfia Salma Mei Maulida	Build the Blocks: Sustainable Learning Tools from Sawmill Waste for Vocational Education	Education	Undergraduate / Postgraduate (International)	Silver
Morvareed Mousavi	Innovative Algae-Based Solution for Urban Oxygenation and Aesthetics	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (Malaysia)	Silver
Muhammad Hafizi Bin Khairul Nazri	DEVELOPMENT OF A 4WD OMNI WHEEL MOBILE ROBOT WITH KINEMATICS CONTROL	Pandemic Innovation	Undergraduate / Postgraduate (UTHM)	Silver
Mohamad Khairul Azhar bin Muhammad	Development of an Alert System of Air Pollution Monitoring in Confined Spaces	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (Malaysia)	Silver

IIICE2024 Results

Meor Amirudin Bin Mior Salleh	SOLAR-POWERED FLOOD EARLY WARNING SYSTEM WITH IOT TECHNOLOGY IN PARIT RAJA	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Silver
Aliya Syaffa Binti Zakaria	SMART CANCER EARLY AWARENESS APPS	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (UTHM)	Silver
Andita Pramesti Putri Susilo	Zea-Cloin: Antibacterial Biodegradable Linen Spray Innovation Using Corncob Extract Supports SDG's 9 in Environmentally Friendly Industrial Development	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (International)	Silver
Dr Pratheep Sandrasaigaran	Biocidal Efficacy of Pineapple-derived Eco-enzyme for Sustainable Control of Listeria monocytogenes in Cherry Tomato	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (Malaysia)	Silver
Muhammad Aizuddin bin Zulkifli	Sport Court Booking System (SportCBS) Using IOT	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Silver
Syaqereen Nuraina Binti Yusri	KIT PEMBELAJARAN PLC DAN PNEUMATIK	Education	Undergraduate / Postgraduate (UTHM)	Silver
Daarshini a/p Anbalagan	REAL-TIME POTHOLE DETECTION IN IMAGE AND VIDEO USING DEEP LEARNING	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Silver
Iffan Darwis bin Mohd Ibrahim	SMART WATER DETECTOR USING IoT TO MONITOR THE QUALITY AND WATER LEVEL AT RIVER	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Silver
Muhammad Luqman Hakim Bin Abu Seman	Real-Time Car Crash Detection and Notifier using GPS Module and IoT	Automotive, Transportation and Industrial Design	Undergraduate / Postgraduate (UTHM)	Silver
Retno Tri Wahyuni (Online)	Particulate Matter 2.5 (PM2.5) Tracking System Using Mobile Station	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Silver
Nur Aqilah Binti Saidon	Argon-Assisted Enhancement of CO2 Decomposition	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Silver
Miss Thananya Hiew	Smart Clothes Drying System with Weather Forecasting Prediction	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (Malaysia)	Silver
Regina AK Lambin	FLYCHAIN: A GAME-CHANGER FOR DISASTER RELIEF OPERATIONS	Manufacturing Process, Machines and Equipment	Undergraduate / Postgraduate (UTHM)	Silver
Muhammad Hafiz Faruqi Bin Md Saifuddin	CObot: IoT-Enhanced 3D Printed Car with Facial Recognition for Smart Classroom Attendance	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (Malaysia)	Silver

IIICE2024 Results

Mohammad Haqem Bin Hairol Aman	Plagiarism Detection in Python Programming Education	Education	Undergraduate / Postgraduate (Malaysia)	Silver
Mohd Amiruldaniel Bin Abdul Nasir	Adapting to the New Normal: A Human-Centered Approach to Graduate Portfolios with the "Talk-Proof Card"	Pandemic Innovation	Undergraduate / Postgraduate (Malaysia)	Silver
Nur Aisyah Binti Ibrahim	ECO-POT	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Bronze
Norhidayah Bt Che Ani	Fabrication Ferromagnetic Gadolinium-doped Zinc Oxide Films for Organic Solar Cell Applications	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Bronze
Mohd Ammiin Sulimat	SOLAR POWERED AIR POLLUTION MONITORING SYSTEM USING LORA TECHNOLOGY	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Bronze
Aris Abdul Rahman	Virtual Reality Edu-Innovation Towards Learning Attitude Among Junior Boy's Scout in Malaysia	Education	Undergraduate / Postgraduate (Malaysia)	Bronze
Nur Shafiq Azwa Binti Mahmudin	Innovative Solar-Powered Water Quality Sensor for Nutrient Film Techniques (NFT) Aquaponics System	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (UTHM)	Bronze
Ade Anggian Hakim	Assessment of Deep Learning Model System for Blood Glucose Time-Series Prediction with Temporal and Static Information	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (UTHM)	Bronze
Ng Yaw An (Online)	Smart Magnifier for Plant Scanner using IoT	Biotechnology, Health, and Chemicals	Undergraduate / Postgraduate (Malaysia)	Bronze
Juliyanti Amelinda	SMART TIRE GAUGE: Enhancing Road Safety with Infrared Pyrometer Sensors	Automotive, Transportation and Industrial Design	Undergraduate / Postgraduate (International)	Bronze
Yoong Hui Ching	Smart Recycling and Rewarding System	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (UTHM)	Bronze
Sayfullah Monsur Sujan Sarkar (Online)	Caloric Estimation of Fruits Using Volume Measurement from a Single 2D Image	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (International)	Bronze
Imam Hidayat	Smart Dorbell Guests Detected, Home Controlled	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (International)	Bronze

IIICE2024 Results

Yana Agustianingsih Miharjo	Prototype Simulation to Optimize the Voltage Output of Moist Electric Generator (MEG) from Synthesized Graphite Waste Zinc-Carbon Battery Electrodes	Agriculture, Environmental and Renewable Energy	Undergraduate / Postgraduate (International)	Bronze
Yusnita Rahayu	Design and Development of Smart Marker Box for Smart Education System	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (International)	Bronze
Yusnita Rahayu	Blind Caring Hat (TopTuNet)	ICT, Multimedia and Telecommunications, Electrical and Electronic	Undergraduate / Postgraduate (International)	Bronze



Other Awards

IIICE2024 Results

20/26

IIICE2024 Best Project (School) Award

No.	Participant Name	Project Title	Organization	AWARD
1	DHARMINI A/P VIJAYA KUMAR	SUSTAINABLE ECO LEATHER-JACKFRUIT WASTE	SMK ULU TIRAM Jalan Sungai Tiram, Taman Tiram Jaya, 81800 Ulu Tiram, Johor	E-Cert Only

IIICE2024 Best Project (High Institution) Award

No.	Participant Name	Project Title	Organization	AWARD
1	MOHD SYAHRUL HISYAM BIN MOHD SANI	Built-up Cold-formed Steel Column Filled with PET Fibre-reinforced Foam Concrete	BAHAGIAN AKADEMIK, UNIVERSITI TEKNOLOGI MARA (UITM) PAHANG BRANCH, LINTASAN SEMARAK, 26400 BANDAR JENGA, PAHANG	E-Cert Only

IIICE2024 Best Poster Award

No.	Participant Name	Project Title	Organization	AWARD
1	ASIAH BINTI JUSOH	CHARICA++ BIOLARVICIDE	SMK BUKIT RANGIN, 25150 KUANTAN PAHANG	E-Cert Only

IIICE2024 Best Abstract Award

No.	Participant Name	Project Title	Organization	AWARD
1	FATIMAH BINTI AWANG	TAJWEED GIANT FINGERS	SMA PERSEKUTUAN, LABU, KM 11 JALAN LABU 71900 NEGERI SEMBILAN	E-Cert Only



Special Award

List of IIICe2024 Special Award Winners

No	Participant Name	Project Title	Organization	SPECIAL AWARD WINNER AWARDED BY	AWARD
1	AININ SOFIYA BINTI SHAMSUL	PILLOW UP	SM SAINS MUAR	Advance Telecommunication Research Center (ATRC)	E-Cert + Cash (rm200)
2	NORFADZLIAH BINTI YUSOF	PARCEL RECEIVER ANTI SCAMMER SYTEM	MAKTAB RENDAH SAINS MARA TERENDAK	IEEE Control Systems Society (CSS)	E-Cert + Cash (rm200)
3	YEONG SEEN NING	WILDLIFE ALERT SYSTEM	SMK DAMANSARA JAYA & ROBOWIS CENTRE,Jalan SS 22A/1, Damansara Jaya, 47400 Petaling Jaya, Selangor	Digital Innovation & Smart Society Impact Lab , Taylors University Malaysia	E-Cert + 1 Plaque
4	Jalil bin Lias	AutoRehab Cycle	INSTITUT KEMAHIRAN MARA JOHOR BAHRU, JALAN TARUKA OFF,JALAN DATIN HALIMAH,80990 ,JOHOR BAHRU,JOHOR	Digital Innovation & Smart Society Impact Lab , Taylors University Malaysia	E-Cert + 1 Plaque
5	PUTERI SYAZMIRA BT MEGAT ABD RANI	FILAMENT EXTRUDER	KOLEJ VOKASIONAL SUNGAI PETANI 1, LOT 82, KAMPUNG SUNGAI TUKANG, BANDAR AMANJAYA 08000 SUNGAI PETANI, KEDAH	Digital Innovation & Smart Society Impact Lab , Taylors University Malaysia	E-Cert + 1 Plaque
6	Sean Eddy Bin Effie Rizal	INTEGRATED SMART ELECTRIC VEHICLE (EV) CHARGING MOBILE APPLICATION	SEGi University	IEEE Malaysia ComSoc/VTS Join Chapter	E-Cert + Cash (rm100)

7	SIDDHARTH PRABU	POP UP BALLS	SJKT LADANG TEBRAU JALAN ADDA UTAMA	GSEnergy Focus Group	E-Cert + 1 Plaque
8	TOIYIBAH BINTI ABU BAKAR	MiniSOC	SK SERI PAYA		E-Cert + 1 Plaque
9	Muchammad Naufal Hilmi Alwan	SMART COMPOSTING : Optimizing Organic Waste Processing with IoT Integrated Anaerobic Fermentation Methods to Realize the 12th SDGs	Malang State University	Dean of FKEE, UTHM	E-Cert + 1 Plaque
10	AUDREY K.C. HUONG	FOOT-MOUNTED WEARABLE IMU SENSOR FOR VIRTUAL REALITY ASSISTED REHABILITATION	Universiti Tun Hussein Onn Malaysia (UTHM)	Wireless and Propagation Focus Group (WaP FG)	E-Cert + 1 Plaque
11	MOHD AMIRULDANIEL BIN ABDUL NASIR	Adapting to the New Normal: A Human-Centered Approach to Graduate Portfolios with the "Talk-Proof Card"	UNIVERSITI POLY-TECH MALAYSIA, Jalan 6/91, Taman Shamelin Perkasa, Cheras, 56100 Kuala Lumpur	Institut Ahli Sunnah Wal Jamaah (ISWAJ)	E-Cert Only
12	MUHAMMAD FARIS IKHWAN BIN ZULKARNAIN	STELLUNAR	SEKOLAH MENENGAH SAINS BATU PAHAT, KM 8, JALAN TANJUNG LABOH, 83000 BATU PAHAT , JOHOR		E-Cert Only
13	KAMARIAHTUL IZUAL BINTI MOHAMED TAHIR	HOME WASTE COMPOSTING BIN WITH SMART FERTILIZER SYSTEM	KOLEJ VOKASIONAL LEBUH CATOR, 30450, IPOH, PERAK		E-Cert Only

14	SITI KHADIJAH BINTI KAMARUDIN	"EcoSmart IoT Feeder" Empowering Beginners in Sustainable Aquaponics	SK SEKSYEN 19	Deputy Vice Chanselor (Research & Innovation), UTHM	E-Cert + 1 Plaque
15	Dharmini A/P Vijaya Kumar	SUSTAINABLE ECO LEATHER-Fruit Waste	SMK ULU TIRAM	Deputy Dean (Research & Publication), FKEE	E-Cert + Cash (rm200)
16	Abdul Majeed Zulkipli	River Guardian: Integrating Technology and Design for Cleaner Waterways Monitoring	Sekolah Menengah Islam Hidayah Pasirris Batu Pahat	Falah Techno Development Sdn Bhd	E-Cert + Cash (rm200)
17	Yana Agustianingsih Miharjo	Prototype Simulation to Optimize the Voltage Output of Moist Electric Generator (MEG) from Synthesized Graphite Waste Zinc-Carbon Battery Electrodes	Institut Teknologi PLN		E-Cert + Cash (rm200)
18	Norazman bin Ahmat Syafri	Sambung & Baca Bahasa Arab (SaBBAr)	SK Jalan 3	AFQ Training and Services	E-Cert + Cash (rm200)
19	ALIYA SYAFFA BINTI ZAKARIA	SMART CANCER EARLY AWARENESS APPS	Universiti Tun Hussein Onn Malaysia (UTHM)	Data Science Research Laboratory, Universiti Utara Malaysia	E-Cert Only

20	KHAIRUNIZAM BIN MAAROP	ENRICHED AND ENHANCED VIRGIN COCONUT OIL	SM ST PATRICK, PETI SURAT 124, JALAN KUHARA, 91007, TAWAU SABAH		E-Cert + 1 Plaque
21	Neshalini Ashok	Health-focused IoT Portable CO2 Monitoring Device for Indoor Air Quality	GMIS, Jalan Us 1, Kawasan Institusi Bangi Bandar Baru Bangi, 43000 Kajang, Selangor	IEEE Malaysia Antennas & Propagation (AP) / Microwave Theory & Techniques (MTT)	E-Cert Only
22	Auni Maisarah binti Farizal	CO SENSOR	SEKOLAH MENENGAH KEBANGSAAN SYED AHMAD, TAMBUN TULANG,02600 ARAU,PERLIS		E-Cert Only
23	YUSRI BIN ABD MUTALIB	MISS-T : MECHANIZED INTERGRATED SUPERHYGENIC SMART TOILET	SK (P) METHODIST, KUANTAN, PAHANG	Deputy Dean (Academic & International), FKEE, UTHM	E-Cert + Cash (rm140)
24	NADDWAH RAYYANI BINTI MUHAMMAD HILAL	D'Muda Inno-Incubator	SEKOLAH KEBANGSAAN TAMAN MUDA,Taman Muda Ampang 56100	Head of Electronic Engineering, FKEE, UTHM	E-Cert + Cash (rm100)
25	IMAN NUR INSYIRAH BINTI MOHAMED SHAHIBULNEZAM	KIT BINUJAR 3.0	SK Putrajaya Presint 18 (1) Jalan P18, Presint 18 62150 Putrajaya Wilayah Persekutuan Putrajaya	Power Electronics, Drive and Machines (PEDM) & Mechatronic and Control Research Group (MCRG)	E-Cert + Cash (rm100)
26	NUR HALINNA BINTI ABDUL RAHMAN	AUTOMATED SOLAR-POWERED IRRIGATION FOR URBAN FARMING	SK PUTRAJAYA PRESINT 18(1)	Head of Electrical Engineering, FKEE, UTHM	E-Cert + Cash (rm50)

27	NUR ELYANI BINTI AZM	DECOR EVO	KOLEJ VOKASIONAL SUNGAI BULOH, JALAN KUALA SELANGOR, U20, 40160 SHAH ALAM, SELANGOR	FKAAB Consultant Sdn. Bhd.	E-Cert Only
28	Dr Pratheep Sandrasaigaran	Biocidal Efficacy of Pineapple-derived Eco-enzyme for Sustainable Control of Listeria monocytogenes in Cherry Tomato	Mila University, No 1, MIU Boulevard, Putra Nilai, 71800 Nilai, Negeri Sembilan	Malaysia Innovation, Invention & Creativity Association (MIICA)	E-Cert Only
29	Mohamad Wafiuiddin Bin Ismail	EcoMediFlex: A Future Recycled Polyethylene Terephthalate (PET) Film for Green Consumables in Healthcare Application	International Islamic Islam University Malaysia, Department of Chemistry, Kulliyah of Science, International Islamic University Malaysia, 25200, Kuantan, Pahang Darul Makmur, Malaysia		E-Cert Only
30	AHMAD FATHI BIN MOHD HASBULLAH	New Mixing Reactor Design for Biofuel Industry	Universiti Putra Malaysia, Serdang, Selangor		E-Cert Only
31	MOHD HUSNI BIN MOHD YUSOFF	FISH SCALE REMOVER MACHINE 4.0	KOLEJ VOKASIONAL AMPANGAN 70400 SEREMBAN, NEGERI SEMBILAN		E-Cert Only
32	NUR ASYIKIN BT AB LATIF	LECTURER ASSIGNMENT RFID DRAWER (LARD)	KOLEJ VOKASIONAL AMPANGAN, KM 4, Jalan Seremban-Kuala Pilah Ampangan 70400 Seremban Negeri Sembilan	Malaysian Research and Innovation Society (MyRis)	E-Cert Only
33	NUR FATIHAH BINTI ASDI JULAIMI	DURIAN PEELER	KOLEJ VOKASIONAL LEBUH CATOR, 30450, IPOH,PERAK		E-Cert Only

34	Warsuzarina binti Mat Jubadi	Innovative Farming: Harnessing IoT for Educational Smart Greenhouses	Universiti Tun Hussein Onn Malaysia (UTHM)	Malaysia Young Scientists Organization (MYSO)	E-Cert Only
35	Shawira binti Abu Bakar	H5P + AI: A Powerful Combination for Engaging Learning in Open, Distance, and Digital Education	CENTRE FOR INSTRUCTIONAL DESIGN & TECHNOLOGY, OPEN UNIVERSITY MALAYSIA, Menara OUM, Block C, Kompleks Kelana Centre Point, Jalan SS7/19, Kelana Jaya, 47301 Petaling Jaya, Selangor Malaysia		E-Cert Only
36	SITI SARA BINTI YAACOB ZUBIR	FINAL YEAR PROJECT ACCESS DATABASE (FYPAD) APPS	POLITEKNIK SULTAN AZLAN SHAH, 35950, BEHRANG STESEN. PERAK		E-Cert Only