



NICe
2022

NATIONAL INNOVATION & INVENTION COMPETITION 2022

AWARD CEREMONY

PLATINUM AWARD

**CATEGORY A:
UNDERGRADUATE/POSTGRADUATE
HIGHER INSTITUTIONS**





NATIONAL INNOVATION &
INVENTION
COMPETITION 2022



EDU: A144

TITLE:

KEMBARA DIETITIAN: AN INNOVATIVE, SUSTAINABLE AND COMPLETE EDUTAINMENT VIDEO PACKAGE ON THE LIFESTYLE MODIFICATION FOR HYPERTENSION

INVENTORS:

Mohd Ramadan bin Ab Hamid, Siti Sabariah Buhari, Norazmir Md Nor, Harrinni Md Noor
Nurul ' Ain Azizan
Universiti Teknologi MARA

PLATINUM AWARD

**CATEGORY B:
SECONDARY SCHOOL**





NATIONAL INNOVATION &
INVENTION
COMPETITION 2022



PIE: B13

TITLE:

AGRICULTURAL PESTICIDE SPRAYER & COVID-19 SANITIZATION DRONE DRX22

INVENTORS:

Nurhazwan Binti Mohd Zain, Muhammad Abdullah Afiq Bin Asrullizam, Nur Aisyah Binti Asrullizam
Maktab Rendah Sains MARA Sultan Azlan Shah

PLATINUM AWARD

**CATEGORY C:
PRIMARY SCHOOL**





NATIONAL INNOVATION &
INVENTION
COMPETITION 2022



EDU: C58

TITLE:

LYNX PUZZLE

INVENTORS:

Nazimah Binti Syed Nazar Hussein Shah, Nur Qaseh Batrisyia Binti Abdullah, Maria Shree Shamel A/P S Sangaran, Adam Darwis Bin Noor Hishamudin, Mohamad Danish Hazim Bin Mohd Aziz

Sekolah Kebangsaan Bagan Serai



PLATINUM AWARD

**CATEGORY D:
CERTIFICATE/DIPLOMA**





NATIONAL INNOVATION &
INVENTION
COMPETITION 2022



EDU: D39

TITLE:

AUGMENTED REALITY MALAYSIAN ENGLISH SIGN LANGUAGE (AR-MESL): AN EDUTAINMENT LEARNING AID

INVENTORS:

Dr Rafizah binti Mohd Hanifa, Piong Wei Xun, Yugeswary a/p Chandran, Sangetta a/p Kanagarajah

Universiti Tun Hussein Onn Malaysia



PLATINUM AWARD

**CATEGORY E:
STAF/PROFESSIONAL**





NATIONAL INNOVATION &
INVENTION
COMPETITION 2022



ARE: E22

TITLE:

A SMART PEAT SWAMP FOREST FIRE DETECTION SYSTEM

INVENTORS:

Dr. Shipun Anuar Hamzah, Prof. Datuk Dr. Mohd Noh Bin Dalimin @ Dolimin, Ts. Mohamad Bin Md Som, Dr. Mohd Shamian Bin Zainal, Prof. Madya Dr. Wahyu Mulyo Utomo, Ts. Dr. Nor Azizi Bin Yusoff, Ts. Mohd Hamim Bin Sanusi @ Ikhsan

Universiti Tun Hussein Onn Malaysia



BEST OF THE BEST

CATEGORY A





Sub-Theme	ID	Winners	Title
ARE	A09	Assoc. Prof. Ir. Dr. Norziti binti Ngadi, Mohamed Hizam bin Mohamed Noor, Fatin Amirah binti Razmi, Nurul Balqis binti Mohamed, Nurul Saadiah binti Lani Universiti Teknologi Malaysia	MAGCELLANT: An engineered magnetic flocculant for palm oil wastewater treatment
AID	A142	Nurin Sabrina binti Muhamad Khairi, Anis Rashidah binti Aminurrashid, Nur Syafiqah Amirah binti Ab Sukor, Ts. Dr. M Norazizi Sham bin Mohd Sayuti Universiti Sains Islam Malaysia	Smart Bi-Car
BHC	A143	Nazirah Hamzah, Inas Zuhairah Jamaludin, Nik Adlin Syazana Nik Kamrulzaman, Saidatie Nadwa Mohd. Saad, Nur Sabila Mohd. Sanusi, Arnihidayah Mualimin, Mohamad Wafiuddin Ismail Universiti Islam Antarabangsa Malaysia	SINAA.CO: The Future Sustainable Disposable Blood Pressure Cuff Cover
BCM	F15	Aisha Shasmito Adji, Elsada Shandy Gita Nirwana, Ferian Wijaya, Daniel Setiawan, Hafif Ahmad Abdul Aziz, Putri Febrianti, Sonya Dwi State University of Malang	Floating Market Development Established From Local Wisdom to Uplift Sustainable Economy in Bontang Post Pandemic
EDU	A93	Youcef Mahboub, Ruzlaini Ghoni, Mohd Tarmizi Ibrahim, Ammar Husaini Hussian, Mohd Amirul Asraf Ghazali University College TATI	Remote Access Robotics Laboratory Platform
IME	A125	Mohd Johan Aiman bin Mohd Noor, Dr. Warsuzarina binti Mat Jubadi Universiti Tun Hussein Onn Malaysia	IoT Based Remote Monitoring for Inventory System
MPE	A94	Syed Hazmi Bin Syed Noh, Ahmad Izzuddin Bin Mohd Azan, Muhammad Hilmi Bin Mohamed, Khairudin Bin Abdul Aziz, Shamsharizal Bin Abd Aziz Institut Pendidikan Guru Kampus Pendidikan Teknik	Accurate Service Equipment
PIE	A134	Nur Zulaikha Binti Mohd Zamri, Ahmad Bin Omar, Nur Najihah Binti Asaudi, Nurdalia Fatini Binti Saiful Fadhi, Alia Narisya Binti Saiful Bahri Institut Pendidikan Guru Kampus Dato' Razali Ismail	MARA / MAJU

CATEGORY A

BEST OF THE BEST

CATEGORY B





CATEGORY B

Sub-Theme	ID	Winners	Title
ARE	B24	Ahmad Basri Bin Ruslan, Franklin Chai Jun, Ahmad Habil Bin Ahmad Zubir, Mohamad Darius Elman Bin Mohamad Adnan, Muhammad Luqmanul Hakeem Bin Mohd Faisal, Angela Rina Francis, Yeshvikta A/P Sithambaram Akademi Sains Pendang	Conventional And Mean-top-bottom Imputation Method For Chaotic Modelling For Co Pollution Data Series
AID	B192	Toh Su Kai, Cassandra Ma Jun Chi, Celestine Chong Jia Xua, Lau Pik Hua SMK Tiong Hin	STC Kit
BHC	B94	Nur Irdina Binti Hamka, Nur'ain Jasmine Binti Badrolhisham, Nurain Najwa Binti Kamaruddin, Intan Raihanah Binti Rafingei, Nurul Aina Nadzira Binti Mohd Nadzif, Lisneza Binti Roseli SM Sains Hulu Selangor	Choco Rodenticide
BCM	B154	Tang Tung Kwong, Kiing Sin Yee, Vincent Lau Kah Sing, Eric Hii Ben Ming, Martin Lau Jia You SMK Tung Hua	Fire Survival Window System
EDU	B38	Dr Salbiah Binti Mohamed Salleh, Leen Firzaini Binti Fadhil Uzuan, Nayli Erina Binti Shahirul, Nur Dhaniyah Binti Mohd Dosuki, Nur Farah Syazwani Binti Nor Azuwan SM Sains Pasir Puteh	M-ISLAND
IME	B179	Abdullah Attaqy bin Abdul Muiz, Muhammad Irsyadfaiq bin Jamallullail, Ahmad Fakhri bin Mohd Arif, Muhammad Farihin bin Sabran, Muhammad Khalis Adha bin Mohd Khidzir, Ziqr bin Mohd Razeef, Nurulhuda binti Ismail SM Islam Hidayah Pasirris, Batu Pahat	Portable Pedestrian Crossing Alert System
MPE	B166	Lim Kui Leng, Sharleen Chin, Gina Tan Xin Yun, Chow Le Qi SMK Yong Peng	Incredible tap
PIE	B189	Muhammad Syamseer Irfan Bin Shamsul, Muhammad Syahmie Iqbal Bin Shamsul SM Tinggi Kluang	Smart Parcel Box (SP-Box)

BEST OF THE BEST

CATEGORY C





CATEGORY C

Sub-Theme	ID	Winners	Title
ARE	C23	Chan Yuh Ting, Lim Xin Bing, Chan Jun Xi, Daphne Ong Kai Qian, Felicia Tan Hui Tian, Yeap Jie Ni, Tang Jia Xuen SJKC Chong Cheng	EcoPots
AID	C107	Sarvysswharrann Yogeswaran SJKT Taman Melawati	All Terrain Smart Golf Putting Training Mat - Smart Golf Putting
BHC	C69	Nur Hanani Binti Abdul Rahman, Ashley Tan Chee Kuang, Khairul Asyraf Bin Khairul Azwan, Irfan Hakimi Bin Sufianhadi, Muhammad Faiz Bin Abdul Jalil SK Sri Skudai	On Time Medication Using Iot
BCM	C57	Sarvysswharrann Yogeswaran SJKT Taman Melawati	Library Theme Park
EDU	C101	Siti Nur Alysha Binti Zamani, Wan Nur Aishah Binti Wan Mohd Masrie, Nur Dhiya Qarmila Binti Romi, Che Nur Irdina Humaira Binti Abdullah, Nur Nuhaa Binti Mohd Ramdhan, Nur Dhia Safiyya Binti Amran, Zuraida Binti Hashim SK Ibok	Mengenal Anggota Tubuh Badan Melalui Aplikasi Jom Mengeja
IME	C78	Eng Zhi Qiang, Sho Vern Nee, Liow Rui Teng, Giselle Lim Jie Ee, Theodore Tan Zenzi SJKC Yuk Chai	Smart Crowded Control System (SCCS)
MPE	C84	Zuriawaty Binti Abu Bakar, Chan Xiqi, Durga Darshini A/P Shanmugam, Remisha Mohanakumar, Manja Nur Iman Binti Hamdan, A'isyah El-humaira Binti Mohd Razali, Yasinee A/P Sri Siva Lingam SK Puteri	The Recycle Vending Machine
PIE	C39	Dr Mahaaganapathy.D, Yuvika Mahaganapathy, Shrika Mahaganapathy, Sadhaanasha Nagarajan SJKT Taman Melawati	Time Nurse: Monitoring Students Attendance And Body Temperature Digitally

BEST OF THE BEST

CATEGORY D



Sub-Theme	ID	Winners	Title
ARE	D36	Sumaiyah Binti Mamat Zambis, Nurhuda Binti Jasni, Hasnur Noralynda Bt Hasnul Edly, Aufa Arissa Bt Muhamad Yusnizam, Nur Auliya Syafiqah Binti Azrol, Siti Nur Izzah Binti Azlin, Siti Nasuha Athirah Binti Mohamed Fauzi Kolej Vokasional Gombak	Tepung Biji Nangka
AID	D74	Bastian Wibar Bin Momang, Ikmal Afiq Bin Raseni, Muhammad Ismail Bin Bindang, Muhammad Nur Syafiq Bin Muhd Natsir, Muhammad Azieq Aiman Bin Sahabudin, Mohd Mansyurin Bin Anwar, Mohd Hisyam Azmi Bin Mohd Noor Kolej Vokasional Tawau	Safety Automatic Cut Off Fuel Ignition System In Vehicles
BHC	D81	Norazihanim Binti Rahim, Nur Wadhihah Binti Abdul Rahim, Izzah Hanis Binti Khudairi, Balqis Nur Batrisyia Binti Mohd Rizal, Tuan Nuratiqah Binti Tuan Manan, Nurfarahin Binti Mohd Firly Kolej Vokasional (Pertanian) Teluk Intan	OLENA (Krim Penyembuh Luka)
BCM	D18	Mohd Zawawiv Bin Aziz, Abd Ghani Bin Rashed @Mohamed, Siti Hafawaty Binti Muhammad, Antonia Anak Antino, Pamela Chai Li Lian Politeknik Kuching	Revised Adjustable Bricklaying Tool
EDU	D41	Nur Aisyahqirin Binti Razal, Azwa Shaszana Binti Abd Ajis, Norazlina Binti Zainal, Nur Syamimi Binti Zainuddin, Nurazizah Binti Hermanto, Farhah Binti Jaffar, Faaizun Binti Baso Sultan Bakri Kolej Vokasional Perdagangan	Colourful E-GSHECELL
IME	D57	Muhamad Izzudin Bin Zulkipli, Raja Arif Shah Bin Raja Idzam Shah, Raja Laila Damia' Binti Raja Shahbudin, Muhamad Faris Bin Mat Ariffin, Zainal Ariffin Bin Ishak, Eda Azuin Binti Othman Kolej Vokasional Kuala Klawang	RCCB TRIP TEST REMINDER (RTTR)
MPE	D78	Muhammad Danish Bin Amil Shafiq, Muhammad Faris Syazwan Bin Hasnul, Muhammad Khairul Ikhwan Bin Sahar, Mohamad Faiz Zulhafidz Bin Mohd Subhi, Muhammad Ramdan Bin Abdullah, Nur Arina Nabila Binti Mohd Asri, Siti Aisyah Binti Zainudin Kolej Vokasional Seri Manjung	Automatic Sauce Dispenser
PIE	D45	Masyivirani Binti Mohd Zain, Nursyahirah Huda Binti Mohd Zaini, Nur Mashitah Binti Abu Jabbar, Nor Athirah Najihah Binti Muhammad Hamdan, Nur Lisa Sofea Binti Fairrosazman Kolej Vokasional Sungai Buloh	e-Kantin KVSB



CATEGORY D

BEST OF THE BEST

CATEGORY E



Sub-Theme	ID	Winners	Title
ARE	E53	ChM Ts Dr Nor Hakim Bin Abdullah, Dr Norshahidatul Akmar Mohd Shohaimi, Ts. Dr. Mazlan Bin Mohamed, Ts Dr Mohamad Bashree Bin Abu Bakar, Nik Alnur Auli Binti Nik Yusuf, Prof Madya Dr Mahani Binti Yusoff Universiti Malaysia Kelantan	Waste to Wealth; A Novel Biodegradable Composites from Agriculture Waste for Drug Delivery
AID	E73	Tengku Sarah binti Tengku Amran, Mohamad Ridzuan bin Ahmad, Mohamad Syafiq bin Mohd Amin, Mohd Fajri bin Osman, Dr Rasif bin Mohd Zain, Khairul Nizam bin Mahat, Dr Hasimah binti Ali Agensi Nuklear Malaysia	GPR RoadScan: Portable Mounting System
BHC	F10	Willy Tirza Eden, Sugiyanto, Sigit Priatmoko, Cepi Kurniawan, Agung Tri Prasetya, Kasmui, Senda Kartika Rakainsa Universitas Negeri Semarang	Formulation of mosquito repellent gel from Citronella oil
BCM	E45	Mohamed Thariq Bin Haji Hameed Sultan, Adi Azriff Basri, Ain Umaira Md Shah, William Robert Alvisse, Mohd Noor Rahim, Farah Syazwani Shahar, Muhammad Imran Najeeb Universiti Putra Malaysia	PUTRA UAV: Bio-degradable Natural Fibre Composite Material
EDU	F05	Adi Nur Cahyono, Masrukan, Mulyono, Nuriana Rachmani Dewi, Muhammad Kharis, Muhammad Ghozian Kafi Ahsan, Nur Rizal Universitas Negeri Semarang	Mathematics Adventure Park: a real, virtual, and extended reality math trails environment to foster 21st-century skills
IME	E10	Noraziah Che Pa, Nooraini Yusoff, Wan Ahmad Jaafar Wan Yahaya, Rusdi Ishak, Laura Lim Sie-Yi Universiti Utara Malaysia, Universiti Sains Malaysia, Universiti Malaysia Kelantan, Jabatan Kebajikan Malaysia	Neuro-therapy: Alternative Psychotherapy Intervention for Memory Disorder
MPE	E44	Prof. Ir. Ts. Dr. Mohamed Thariq Bin Haji Hameed Sultan, Prof. Dr. Yusri Bin Yusof, Dr. Ahmad Hamdan Bin Ariffin, Dr. Adi Azriff Basri, Muhammad Imran Najeeb, Mohd Lufti Mohd Tawil, Dr. Farah Syazwani Shahar Universiti Putra Malaysia	Blade For Pineapple Leaf Fiber Extractor Machine
PIE	E50	Que Jin Ming, Wan Nur Insyirah Ilhami Binti Wan Anuar, Siti Hajar Binti Mohd Naw, Muhamad Danial Bin Noor Azmi, Izzah Binti Khairul Anuar, Nurdini Aifa Binti Nazri, Akmal Syakir Bin Kamarulzaman Klinik Pergigian Utc, Klinik Pergigian Kubang Kerian, Klinik Pergigian Pengkalan Chepa	Self Suction Holder: A Helping Tools In Four Handed Dentistry



CATEGORY E

THE YOUNG INNOVATION AWARD

CATEGORY A: HIGHER INSTITUTIONS

IME	A55	Sabri Bin Ahmad Hisham <i>Universiti Zainal Abidin</i>	AgroTrack: Blockchain-based With Smart Contract, IoT and Machine Learning in Agro-Food Supply Chain
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THE BEST PROJECT AWARD

CATEGORY A: HIGHER INSTITUTIONS

ARE	A129	Hairul Nizam Hatta, Amirul Aiman Haqem Abdul Hisham, Thaza Amsyar Izzati Mohamad Tharmizi, Muhammad Arif Irfan Mohamed Kamil, Nabilah Hadi Noira, Azlan Ahmad <i>Universiti Teknologi Petronas</i>	IoT Smart Plant Kit
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THE BEST PROJECT AWARD

CATEGORY B: SECONDARY SCHOOL

BHC	B142	Noor Azmah Bt Abd Wahab, Farkhrul Azrin Bin Shamsull Anuar, Fatin Adriana Batrisyia Bt Suris, Fatin Adriani Batrisyia Bt Suris, Ainur Sofia Bt Mohamad Fozi, Muhammad Az-Zharfan Bin Hazidan <i>SMK Bukit Rangin</i>	Charica + Biolarvicide
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THE YOUNG INVENTOR AWARD

CATEGORY C: PRIMARY SCHOOL

EDU	C56	Uthaya Sankari A/P Balu, Darshan Pillay A/L Shivalingam, Narnisha A/P Mukesh, Sarbeswar A/L Murugan <i>SJKT Beruas</i>	Kit Lets Have Fun With Vowels
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THE BEST POSTER AWARD

CATEGORY D: CERTIFICATE/DIPLOMA

IME	D54	Intan Keristina Binti Mohd Yusop, Muhammad Nazmi Akmal Bin Mohamad Atan, Mohamad Iqbal Hakem Bin Kazan, Nurul Dafinah Binti Khairul Annuar <i>Kolej Vokasional Sungai Buloh</i>	MyKSKv E-Learning
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THE BEST ABSTRACT AWARD

CATEGORY E: PROFESSIONAL

IME	E48,	Noran Azizan Cholan, Samsul Haimi Dahlan, Rahmat Talib, Nor Hafizah Ngajikin, Nurul Atika Nabila Jaharudin <i>Universiti Tun Hussein Onn Malaysia</i>	Portable All-Optical Radio Frequency Signal Generator
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Facebook Likes

TOP 3 WINNER



TOP Fb Likes WINNERS



NATIONAL INNOVATION &
INVENTION
COMPETITION 2022



B209

- **Hot Endless**
- *Lo Yun Yi, Hoe Ding Yang, Lim Wen Xuan*
- *SMJK Jit Sin*

C70

- **Pembuatan Baja Kompos Dari Kulit Telur Ayam**
- *Siti Haslina binti Rejab Ali, Muhamad Syazwan Afif bin Md Jailani, Muhammad Imran*
- *SK Pintas Raya*

E12

- **Mesra Ibadah Apps : A Patient enable prayer checklist (Mesra Ibadah Mobile Application)**
- *Fizlin Zakaria, Siti Nurbatrisyia Karim, Amirul Hakim Abdul Rahman, Muhammad Nabil Asyraff Yusof, Sarah Norashikin Abdullah*
- *Hospital Sultanah Nora Ismail*

Fb Likes WINNERS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



4.	C99	SK Pintas Raya	Siti Suhaidah binti Mohamad Jalil, Juwita Surie Damiea binti Shuaimizam, Nur Surayya binti Kamal, Nusaybah Auni binti Mohd Ezree, Nik Khayla Jazmina binti Nik Hisyamudin, Muhammad Ilham Bazli bin Mohd Suhaimi, Muhammad Ahza Thaqif bin Khairul Fahmi	Inovasi Pembuatan Sabun Dari Minyak Masak Terpakai
5.	E89	Universiti Teknikal Malaysia Melaka	Haniza Nahar, Aslinda Hassan, Nazrulazhar Bahaman, Azlianor Abdul Aziz, Mohd Riduan Ahmad, Wahidah Md. Shah	Real-time Monitoring IoT-Based System for Early Flash Flood Notification in Melaka
6.	E23	Universiti Sains Malaysia	Hasnetty Zuria Mohamed Hatta, Dr Al Hafiz Bin Ibrahim, Nor Anizan Mat Yassin, Noor Asyrani Adanan, Nurul Wahida Zulkifli, Lisa Nabihah Mohd Bakir, Nurul Akma Mat Zain, Ahmad Faris Musa, Razak Daud	SUPER-T: An Equipment For Early Intervention Programme In Pediatric Rehabilitation
7.	C66	Sekolah Kebangsaan Chengal Lempong	Mohd Fadhil bin Omar, Muhammad Luqman Aleef bin Mohamad Dis, Amir Haziq bin Azuan, Aarif Faqihuddin bin Khamarul Azmi, Adelia Nur Insyirah binti Azizi, Najwa Nurqaleesya binti Mohd Noor	MY MATH - Year 5 & 6 Apps
8.	D38	Kolej Vokasional Sungai Buluh	Nurul Dafinah Binti Khairul Annuar, Siti Zulaikha Binti Shahrul Rizal, Tharunraj A/L Ragu, Muhammad Aidil, Hasraf Bin Anuar, Norman Afiq Bin Roslan, Ilham Karimi Binti Mat Rof.	AR20 Smart Home
9.	D19	Institut Latihan Perindustrial	Hasimah Kamal, Muhammad Yazid bin Hishamudin, Allyvies Anak Kemarau, Muhammad Naquiddin bin Jumaat, Mohammad Azim bin Razali	Mini Anchovies Peeler
10.	E29	Universiti Utara Malaysia	Noraziah ChePa, Tan Jia Earn, Nur Azzah Abu Bakar, Rajwani Md. Zain, Laura Lim Sie-Yi	Smart Food Bank: Towards Zero Hunger for UUM Community

SPECIAL AWARDS




SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
Vice Chancellor	B41	Gurleen Kaur A/P Regjit Singh, Narumitha A/P V. Magisan, Sariqa A/P M. Matavan, Sharifah Mariah, Aljuned Binti Syed Khalid, Aqesha Humaira Binti Ahmad Hafiz <i>SMK Cyberjaya</i>	Edu MyHabit
Deputy Vice Chancellor (Innovation)	C13	Santhi A/P Nagooran, Immanuel William A/L Reagan <i>SJKT Kulim</i>	Smart Solar Bin
FKEE	A119	Muhammad Danial bin Amir Abdul Hakim Al Amin, Nur Ain Thaqifah binti Mohd Yusof, Wan Nur Husnina binti Wan Hassan, Rabiatul Adawiyah binti Mohd Radzuan, Afiqah Solehah bint Zuhelmi, Siti Hawa binti Abdul Rahim <i>Universiti Sains Islam Malaysia</i>	EyeZy
	E91	Ahmad Faiz Abdul Rashid, Mohamad Ezad Hafez Mohd Pahroraji, Noorsaidi Mahat, Ku Mohammad Asyraf Ku Azir, Mohd Khairul Fitri Othman, Wan Mohd Nurdden Wan Muhammad, Khairul Anuar Maarof <i>Universiti Teknologi Mara Cawangan Sarawak</i>	RenoCost
	E97	Kirandeep Kaur, Salmiah Md Said, Sharifah Norkhadijah Syed Ismail, Poh Ying Lim <i>Universiti Putra Malaysia</i>	TB Mortality Hotspot Identification Tool

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	C76	Amsyar Bin Roziman, Aisyah Insyirah Binti Mohd Rasyiddiq, Omar Badran Bin Mohd Irsyaduddin, Marissa Damia Binti Mohd Nazri, Muhammad Alif Firdaus Bin Shahrul Anuar, Radin Anas Bin Radin Luqman, Nurizaan Binti Mat Noor <i>SK Bandar Penawar (2)</i>	Scrant Innovation Project
	B13	Cikgu Nurhazwan Binti Mohd Zain, Muhammad Abdullah Afiq Bin Asrullizam, Nur Aisyah Binti Asrullizam <i>Maktab Rendah Sains MARA Sultan Azlan Shah</i>	
	D15	Muhammad Aiman Aisar Bin Abd Khalid, Muhammad Aizzat Bin Mohd Roslan, Muhammad Syafi Bin Roslizan Rafee, Muhammad Amin Bin Azman, Muhammad Aiman Bin Aziz, Roslina Binti Din, Nur Mahfuzah Binti Ahmad Tajuddin <i>Kolej Vokasional Kulim</i>	Single Phase Wiring Testing Panel
	B28	Dr Mahaaganapathy.D, Karthika Mahaganapathy <i>Maktab Rendah Sains MARA Sultan Azlan Shah</i>	WERIN- Portable Weather Risk Predictor

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	B24	Ahmad Basri Bin Ruslan, Franklin Chai Jun, Ahmad Habil Bin Ahmad Zubir, Mohamad Darius Elman Bin Mohamad Adnan, Muhammad Luqmanul Hakeem Bin Mohd Faisal, Angela Rina Francis, Yeshvikta A/P Sithambaram <i>Akademi Sains Pendang</i>	Conventional And Mean-top-bottom Imputation Method For Chaotic Modelling For Co-Pollution Data Series
	E10	Noraziah Che Pa, Nooraini Yusoff, Wan Ahmad Jaafar Wan Yahaya, Rusdi Ishak, Laura Lim Sie-Yi <i>Universiti Utara Malaysia, Universiti Sains Malaysia, Universiti Malaysia Kelantan, Jabatan Kebajikan Malaysia</i>	Neuro-therapy: Alternative Psychotherapy Intervention for Memory Disorder
	E41	Ain binti Nazari, Nur Khalidah binti Zakaria, Badril Hisham bin Abu Bakar, Arina binti Mohd Noh <i>Universiti Tun Hussein Onn Malaysia</i>	Automatic Segmentation for Lettuce Growth Monitoring System using Image Processing Techniques
	F05	Adi Nur Cahyono, Masrukan, Mulyono, Nuriana Rachmani Dewi, Muhammad Kharis, Muhammad Ghozian Kafi Ahsan, Nur Rizal <i>Universitas Negeri Malang</i>	Mathematics Adventure Park: a real, virtual, and extended reality math trails environment to foster 21st-century skills
	B134	Noorhidayati Binti Jamari, Muhammad Danish Bin Zulkifli, Muhammad Akmal Wafiq Bin Awang, Ahmad Abqari Bin Mohd Yusof , Afif Fawwaz Bin Azhari <i>SMK Dato' Penggawa Barat</i>	Ananas Hydrogel

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	A141	<p>Mohamad Firdaus Bin Rosli, Ahmad Zamir Bin Zamri, Nik Nur Alia Binti Nik Ahmad Faisal, Masuri A/P Mohamed Yasin, Nurin Aida Binti Khairudin, Nurhidayah Binti Kasim, Nurin Auni Lathifa Binti Mat Lazim</p> <p><i>Universiti Malaysia Terengganu</i></p>	<p>Mypatch: Antibacterial Efficacy Of Healing Patch From E. Spiralis On Skin Bacterial Infection</p>
	A39	<p>Mudiana Binti Mokhsin @ Misron, Siti Syuhaida Binti Mohamad Sobri, Alia Nur Anis Binti Nor Salleh, Nur Nazifa Elisa Binti Abdul Hamid, Nur Syafiqah Binti Hasmidan</p> <p><i>Universiti Teknologi MARA</i></p>	<p>Welcome To Wellnessociety Mobile Applications</p>
	A86	<p>Vadivelan Lohonathan, Siti Hartini Azmi, Norhazira Abdul Rahim, Gunathevan Elumalai, Muhamad Fikri Bin ABD Razak, Ghazali Bin Ismail, Mullaimalar Murugiah</p> <p><i>Universiti Pendidikan Sultan Idris, Ipg Kampus Pendidikan Teknik</i></p>	<p>IFITKIDS Module</p>
	F02	<p>Enni Suwarsi Rahayu, Margareta Rahayuningsih, Aida Raesa Amalia, Novita Hermayani</p> <p><i>Universitas Negeri Semarang</i></p>	<p>Innovation Of In Vitro Conservation Culture Of District Identity Plant In Central Java Province Indonesia To Increase Community Participation In Conservation Effort</p>
	A172	<p>Yong Ching Yee, Terence Sia Tien Lok</p> <p><i>University of Technology Sarawak</i></p>	<p>What If I Can Control Your Move: Human-to-human Interface Iot Portable Rehabilitation Device</p>

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022






Awarded by:	ID:	Winners Name	Title:
	F15	Aisha Shasmito Adji, Elsada Shandy Gita Nirwana, Ferian Wijaya, Daniel Setiawan, Hafif Ahmad Abdul Aziz, Putri Febrianti, Sonya Dwi <i>State University of Malang</i>	Floating Market Development Established From Local Wisdom to Uplift Sustainable Economy in Bontang Post Pandemic
	A87	Ts. Gs. Dr. Kamarul Rahim Kamarudin, Siti Najihah Binti Solehin, Nur Sabrina Binti Badrulhisham, Ts. Dr. 'Aisyah Binti Mohamed Rehan <i>Universiti Tun Hussein Onn Malaysia</i>	The Potential Use of Papaya and Banana Peels as Substrate to Enhance the Pigment Production of <i>Chryseobacterium</i> sp. Strain Isolated from Tentacle <i>Holothuria</i> (<i>Lessonothuria</i>) <i>pardalis</i>
	A74	Muhammad Zarim Bin Mohamad, Zuhairiah Binti Zainal Abidin <i>Universiti Tun Hussein Onn Malaysia</i>	Covid-19 Home Surveillance For Self-quarantine Monitoring System Using IoT
	A41	Mudiana Binti Mokhsin, Vellarie June Jeffrey Lungin, Nur Alya Maisarah Binti Sanusi, Muhd. Shahmi Taufiq Bin Abdul Hajis, Muhammad Nur'sahanas Bin Japelus <i>Universiti Teknologi MARA</i>	Intelligent-medical Update Systematic Application (I-medusa)
	A144	Mohd Ramadan bin Ab Hamid, Siti Sabariah Buhari, Norazmir Md Nor, Harrinni Md Noor, Nurul Ain Azizan <i>Universiti Teknologi MARA</i>	Kembara Dietitian: An innovative, sustainable and complete edutainment video package on the lifestyle modification for hypertension

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	C31	Nur Fakhira Raisya Binti Mohmad Rusol <i>SK Gopeng</i>	Diorama: Animal Life Cycle And Plant Growth
	A08	Seah Shi Jie, Dr. Jong Siat Ling, Ts. Dr. Lam Hong Yin, Assoc Prof Dr. Leow Chee Yen <i>Universiti Tun Hussein Onn Malaysia</i>	Air to Ground Channel Modelling for UAV Wireless Hotspot
	A43	Hong Seng Gan, Viknesvary A/P Rajoo, Sugahssri A/P Rasamanikam, Yee Zhing Liew, Anwar P. P. Abdul Majeed <i>Universiti Malaysia Kelantan</i>	Medical Image Segmentation Software Using Atrous Convolution Deep Learning Technology
	A104	Muhammad Hanafi Bin Mohtar Luddin, Munirah Binti Ab. Rahman <i>Universiti Tun Hussein Onn Malaysia</i>	Convolution Neural Network Model For Oil Palm Ripeness Classification
	B22	Jaya Devi, Takshiveen a/l S.Sivarau <i>SMK Jalan Paya Besar</i>	Solar Charges Bag fro Mobile
	B170	Khaireen Najeehah binti Izdian, Fatin Nur Amirah binti Misran, Ahmad Harith Ikhwan bin Abd Wahid, Muhammad Azran Iman bin Muhamad Said, Nur Ain Aisy binti Zamzuri, Nurnajah Nabilah binti Roslee, Muhammad Danish Erfan bin Emran <i>SM Sains Muzaffar</i>	MABRICKS: Turning Used Masks into Alternative Bricks

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	C102	Safira Qistina Binti Amir, Muhammad Adam Darwisy Bin Zaid, Muhammad Al Harith Bin Mohamad Nafi, Nur Fathia Zahra Binti Mohamad Nizam, Nur Umayrah Syahmina Binti Mohd Hasmadi Faiza, Najjah Salaamah Binti Jusoh <i>SK Ibok</i>	Match Me
	C97	Syahif Syakirinal Bin Zulkafli, Nuha Alhusna Binti Musli, Kyra Khaliesah Binti Mohamad Faizal, Maryam At Thohirah Binti Mohd Faizal, Nur Imanina Binti Muhamad Rashidi, Ahmad Nazeef Bin Ahmad Khafif, Muhammad Arif Rezky Bin Muhammad Ariff <i>SK Pintas Raya</i>	Bioplastik Dari Kanji Jagung
	B83	Nuha Mokhzani, Nurain Shuhada Mohd Yahya, Irdina Masiri, Siti Nurliyana Qistina Mohd Fauzi, Mardawiyah Haziqah Iqhmah Zakaria, Nur Aini Farhani Ishak <i>SM Islam Hidayah Pasirris</i>	Robo-dust: A Robot Duster for Whiteboard during Teaching and Learning
	B15	Khor Puay Puay, Alfred Chong Han Jie, Tang Jing Quan, Chee Soon Xian <i>SMK Tropicana</i>	Automated Medicine Dispense System

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022






Awarded by:	ID:	Winners Name	Title:
	E50	Que Jin Ming, Wan Nur Insyirah Ilhami Binti Wan Anuar, Siti Hajar Binti Mohd Naw, Muhamad Danial Bin Noor Azmi, Izzah Binti Khairul Anuar, Nurdini Aifa Binti Nazri, Akmal Syakir Bin Kamarulzaman <i>Klinik Pergigian Utc, Klinik Pergigian Kubang Kerian, Klinik Pergigian Pengkalan Chepa</i>	Self Suction Holder: A Helping Tools In Four Handed Dentistry
	F08	Agus Yulianto, Mahardika Prasetya Aji, Budi Astuti, Upik Nurbaiti, Fianti, Langlang Handayani, Ellianawati <i>Universitas Negeri Semarang</i>	The Strategic Policy of the UNNES Physics Study Program to Yield Graduates with shorted Study Periode and Expertise in 21st Century Skills and Competencises
Prof. Madya Ts. Dr. Aida binti Mustapha	E55	Siti Amely Binti Jumaat, Muhammad Nafis Bin Ismail, Mohd Fairouz Bin Mohd Yousof, Mohd Noor Bin Abdullah, Ahmad Fateh Bin Mohamad Nor, Shuhaizee Binti A. Shukor, Nurain Nisa Binti Sukari <i>Universiti Tun Hussein Onn Malaysia</i>	Mini Hydroponic System With Solar Pv Energy
	E95	Mohamad Azzuan Bin Rosli, Mohd Azlan Bin Jalal, Hajar Aminah Binti A.Karim, Suhir Binti Sulaiman, Dr. Aidee Kamal Bin Khamis, Dr. Umi Aisah Binti Asli, Dr. Nazrin Bin Abd Aziz <i>Universiti Teknologi Malaysia</i>	Sustainable Bioelectricity From Ultisols For Insecticide Control By Using Insect Zapper

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022




Awarded by:	ID:	Winners Name	Title:
	A14	Ts Mudiana Mokhsin@mison, Muhammad Danial Aqem Bin Inche Zulkifli, Anis Nabihah Binti Mohd Jais, Nurul Fatihah Binti Ruzauddin, Siti Nur Radhiah Binti Ibrahim, Amy Nazeera Binti Nafrizan <i>Universiti Teknologi MARA</i>	Informational Service Development Of Bus Schedule (Bussin Application)
	A68	Muhammad Ammar Syahmi Bin Zaini, Farisha Aqilah Binti Norhisham, Nur Hidayah Binti Noor Hisham, Wan Aiman Hakim Bin W Samsul Bahri, Suriana Binti Salimin <i>Universiti Tun Hussein Onn Malaysia</i>	Analysis Of Photovoltaic System Efficiency With Cooling System
	A145	Anies Syahira Binti Ahmad Khusyairi, Ts. Dr. Ahmad Fateh Bin Mohamad Nor <i>Universiti Tun Hussein Onn Malaysia</i>	Optimal Sizing Of A Stand-alone Photovoltaic System Using Particle Swarm Optimization
	E71	Noor Azreen bin Masenwat, Dr. Ir. Voo Yen Lei, Prof. Ir. Dr. Raizal Saifulnaz Muhammad Rashid <i>Agensi Nuklear Malaysia</i>	DURAShield: A novel radiation shielding material which successfully integrates between compression strength, durability and homogeneity.
	E46	Rahayu Binti Ab Rahman, Syaheela Atikah Binti Hashmi <i>SK Putrajaya Presint 11(1) / Sk (2) Petaling Jaya</i>	ConV Wheel Kits 2.0

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022






Awarded by:	ID:	Winners Name	Title:
	C69	Nur Hanani Binti Abdul Rahman, Ashley Tan Chee Kuang, Khairul Asyraf Bin Khairul Azwan, Irfan Hakimi Bin Sufianhadi, Muhammad Faiz Bin Abdul Jalil <i>SK Sri Skudai</i>	On Time Medication Using Iot
	C24	Khyra Safiya Humaira Binti Mohd Hazwan, Nur Qaireen Arissa Binti Mohd Nazriq, Amina Zahra Binti Ahmad Faris <i>SK Putrajaya Presint 11(1)</i>	Multihundred Kits
	C100	Miftah Nur Binti Mohd Suffian, Nurul Nabihah Binti Khairul Annuar, Nur Fazliatul Qaisara Binti Haslim, Engku Hannania Binti Engku Hakim, Mohd Naim Bin Saadon <i>SK Ibok</i>	Dengue Patrol Kits
	B04	Mohamad Rizal Bin Mukhtar, Muhammad Adib Mustaqim Bin Johary, Nur Farah Atiqah Binti Nasar Khan, Afdhaliyah Binti Fadil <i>MRSM Alor Gajah</i>	Zenaccessories: Depression Detecting Bracelet, Via Voice Pattern Recognition
	B179	Abdullah Attaqy bin Abdul Muiz, Muhammad Irsyadfaiq bin Jamallullail, Ahmad Fakhri bin Mohd Arif, Muhammad Farihin bin Sabran, Muhammad Khalis Adha bin Mohd Khidzir, Ziqr bin Mohd Razeef, Nurulhuda binti Ismail <i>SM Islam Hidayah Pasirris</i>	Portable Pedestrian Crossing Alert System

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022





Awarded by:	ID:	Winners Name	Title:
	A14	Ts Mudiana Mokhsin@mison, Muhammad Danial Aqem Bin Inche Zulkifli, Anis Nabihah Binti Mohd Jais, Nurul Fatihah Binti Ruzauddin, Siti Nur Radhiah Binti Ibrahim, Amy Nazeera Binti Nafrizan <i>Universiti Teknologi MARA</i>	Informational Service Development Of Bus Schedule (Bussin Application)
	A68	Muhammad Ammar Syahmi Bin Zaini, Farisha Aqilah Binti Norhisham, Nur Hidayah Binti Noor Hisham, Wan Aiman Hakim Bin W Samsul Bahri, Suriana Binti Salimin <i>Universiti Tun Hussein Onn Malaysia</i>	Analysis Of Photovoltaic System Efficiency With Cooling System
	A145	Anies Syahira Binti Ahmad Khusyairi, Ts. Dr. Ahmad Fateh Bin Mohamad Nor <i>Universiti Tun Hussein Onn Malaysia</i>	Optimal Sizing Of A Stand-alone Photovoltaic System Using Particle Swarm Optimization
	E71	Noor Azreen bin Masenwat, Dr. Ir. Voo Yen Lei, Prof. Ir. Dr. Raizal Saifulnaz Muhammad Rashid <i>Agensi Nuklear Malaysia</i>	DURAShield: A novel radiation shielding material which successfully integrates between compression strength, durability and homogeneity.
	E46	Rahayu Binti Ab Rahman, Syaheela Atikah Binti Hashmi <i>SK Putrajaya Presint 11(1) / Sk (2) Petaling Jaya</i>	ConV Wheel Kits 2.0

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022







Awarded by:	ID:	Winners Name	Title:
	D34	Irfan Rafiqi Bin Ilyayusna <i>Kolej Vokasional Sepang</i>	Smart Planter V1
	D38	Ilham Karimi Binti Mat Rof, Nurul Dafinah Binti Khairul Annuar, Siti Zulaikha Binti Shahrul Rizal, Muhammad Aidil Hasraf Bin Anuar, Norman Afiq Bin Roslan, Tharunraj A/L Ragu <i>Kolej Vokasional Sungai Buluh</i>	AR20 Smart Home
	D26	Muhammad Ihsan Bin Kamarulzaman, Siti Khadijah Ummairah Mohd Syukor, Nur Ainaa Insyirah Binti Che Azlisyam, Muhammad Amir Afiq Bin Mohd Badran, Naufal Saffwan Bin Zainuddin <i>Kolej Vokasional Sepang</i>	Intelligent Traffic Light
	D58	Mohd Salman B Ghazali, Shalyzam Bin Mohmad Shukri, Khazaimi Bin Halim @ Khalid, Mohamad Haziq Bin Cik Omar, Nor Fariyah Binti Ahmad, Muhammad Fahmi Bin Abdul Aziz, Syarifah Nurmunirah Zulain Binti Wan Abdullah <i>Institut Kemahiran Mara Sik</i>	Smart Home Training Kit (SHTK)
	C53	Anida bt. Taib, Nur 'Aina Syuhada bt Ahmad Shahrizal, Nur Damira Badlin bt. Mohd Taufik, Nurul Husna bt Zolcapli, Qistina Izz Hani bt. Mohd Nazri, Nur Aleesya bt. Mazlan, Nur Aimi Marissa bt. Mohd Azmi <i>SK Baqan Serai</i>	Go Green Bin

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	C22	Jane Cecilia Edward, Veshaal A/P Gopinath <i>SK Methodist ACS Ipoh</i>	Remote home system
	D53	Nur Nisa Zahirah Binti Norman, Nur Rafizah Binti Rahim Miah, Nurfatin Nadiah Binti Kamalruzaman, Nur Ain Suffiyyah Binti Zakariya, Chau Jun Yi, Nurhuda Binti Md Tahir, Farissha Binti Alluwi <i>Kolej Vokasional Perdagangan</i>	Hyfa1
	D28	Radziah Binti Lateh Nur Hazieqah Binti Mohd Hazline Nurezreen Izzaty Binti Mohd Ezaq Farid Muhammad Alfee Faris Bin Azirulaimi Muhammad Hazim Fikrie Bin Mohamad Kamal <i>Kolej Vokasional Sungai Petani 2</i>	Muffin Keladi Bunga Telang
	E18	Lilian Lee Shiau Gee, Jasni Dolah, Danial Kordmodanlou <i>Universiti Malaysia Sabah</i>	Stay Awareness with fun: "Hit the Viruses" Game App
	C63	Karthikesan A/L Manikabasagan, Saarumathi A/P Sarawanan , Sharvin A/L Ramasamy, Saranraj A/L Anandan, Devvyashini A/P Kunalan, Padma Sree A/P Sivaraman, Bhavathaarane A/P Ganesan <i>SJKT Ladang Soon Lee</i>	Md Lego Meningkatkan Kefahaman Dan Kemahiran Murid Dalam Topik Darab Dan Bahagi

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	B91	Syahrul Azrin Binti Ghafar, Nur Hannah Binti Khairul Nizam, Dania Thurrayen Afiya Binti Mohd Zafiza, Nur Alya Sofea Binti Zamzuri, Az Zahra Binti Azhar, Nur Fakhirah Nawwarah Binti Mohd Fatin <i>SMK Sultanah Asma</i>	River Water Inspector
	A13	Aizat Zafri Bin Zainodin, Alice Anak Lee, Prof. Madya Ir. Dr. Abd Kadir Bin Mahamad, Ts. Sharifah Binti Saon <i>Universiti Tun Hussein Onn Malaysia</i>	Low-cost Traffic Analysis System Using Raspberry Pi
	B165	Muhammad Fakhruallah Alauddin Bin Abdullah, Nuruddin Amin Bin Azirull Amin, Izyan Alwani Binti Roslan Zairi, Aisyah Hani Binti Mohd Muslem, Diyana Binti Jamari <i>SBP Integrasi Rawang</i>	I-qiraat 2.0
	B189	Muhammad Syamseer Irfan Bin Shamsul, Muhammad Syahmie Iqbal Bin Shamsul <i>SMK Tinggi Kluang</i>	Smart Parcel Box (Sp-box)
	B187	Tanusya Manimuttu <i>SMK Damansara Utama</i>	Smart Garden Monitoring System (SGMS)

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
IET The Institution of Engineering and Technology	C78	Eng Zhi Qiang, Sho Vern Nee, Liow Rui Teng, Giselle Lim Jie Ee, Theodore Tan Yenzi <i>SJKC Yuk Chai</i>	Smart Crowded Control System (SCCS)
	B209	Lo Yun Yi, Hoe Ding Yang, Lim Wen Xuan, Siti Sarah Bt Noor Meah <i>SMJK Jit Sin</i>	Hot Endless
	D23	Eliana Binti Alias, Fatimah Zahni Binti Abdul Malek, Nik Ahmad Akmal Bin Abu Bakar, Muhammad Harith Bin Sanusi, Muhammad Haziq Bin Abdullah, Muhammad Faiz Aiman Bin Afendi, Fatin Nabilah Binti Azdi <i>Kolej Vokasional Setapak</i>	Sistem Kitaran Air Kawalan Plc Dan Tenaga Solar
	A158	Ili Najaa Aimi Binti Mohd Nordin, Mohamad Khairul Aiman Bin Daud, Faridah Hanim Binti Mohd Noh, Tuan Noor Hasanah Binti Tuan Ismail, Hazli Bin Roslan, Nurulaqilla Binti Khamis, Muhammad Rusydi Bin Muhammad Razif <i>Universiti Tun Hussein Onn Malaysia</i>	Smart Chopper Composting System (Smo Composter)
	E29	Noraziah Che Pa, Tan Jia Earn, Nur Azzah Abu Bakar, Rajwani Md. Zain, Laura Lim Sie – Yi <i>Universiti Utara Malaysia</i>	Smart Food Bank Application: Towards Zero Hunger For UUM Community

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	A161	Yong Ching Yee, Khairuddin Ab Hamid, Kelvin Ting Siong Wei, Chieng Jung Heng <i>Universiti Teknologi Sarawak</i>	Smart Home Device: A Smart Iot Distribution Board With Fault Detection And Normalizing Purposes
	A93	Youcef Mahboub, Ruzlaini Ghoni, Mohd Tarmizi Ibrahim, Ammar Husaini Hussian, Mohd Amirul Asraf Ghazali <i>University College TATI</i>	Remote Access Robotics Laboratory Platform
	A29	Nur Izzati Najwa Binti Izuddin, Ts. Dr. Wan Zakiah Binti Wan Ismail <i>Universiti Sains Islam Malaysia</i>	Designing An Automatic Identification System (AIS) Network For Marine Traffic Detection
	A80	Nurulnadia Binti Mohd Yusoff, Nur Aqilah Binti Mohammad <i>Universiti Malaysia Terengganu</i>	Sediment: Edcs Pollution Marker Before And After The Event Of Covid-19
	A169	Kam Yew Zun, Ts. Dr. Mohd Norzali Bin Hj Mohd, Dr. Chessda Uttraphan A/L Eh Kan, David Lim Chiok Chuan, Fawad Salam Khan <i>Universiti Tun Hussein Onn Malaysia</i>	Vehicle Detection And Counting Using Deep Learning

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	C66	<p>Mohd Fadhil Bin Omar, Muhammad Luqman Aleef Bin Mohamad Dis, Amir Haziq Bin Azuan, Aarif Faqihuddin Bin Khamarul Azmi, Adelia Nur Insyirah Binti Azizi, Najwa Nurqaleesya Binti Mohd Noor</p> <p><i>SK Chengal Lempong</i></p>	My Math - Year 5 & 6 Apps
	D10	<p>Pn Nurul Syakila Binti Md Shakirin, En Selvanayagam A/L Sellappah Sivam, Pn Sharifah Rosaida Binti Sayed Muhamed, Pn Ermawaty Binti Marno, Iqwan Risham Bin Ibrahim, Muhammad Aiman Hakim Bin Mohd Zamri, Muhammad Asyraaf Bin Azizan</p> <p><i>Kolej Vokasional Ampangan Seremban</i></p>	Sejadah Pintar
	E17	<p>Ir. Dr. SOON CHIN FHONG, Dr. Siti Hajar Aminah Ali, Dr. Yee See Khee, Dr. Munzilah Md Rohani, Dr. Tee Kian Sek, Lim Chiok Chuan, Azuan Poharan@bunari</p> <p><i>Universiti Tun Hussein Onn Malaysia</i></p>	Cloud Magnetometer For Vehicle Detection- cloud Mag Pro
	E89	<p>Haniza Nahar, Aslinda Hassan, Nazrulazhar Bahaman, Azlianor Abd Aziz, Mohd Riduan Ahmad, Wahidah Md. Shah</p> <p><i>Universiti Teknikal Malaysia Melaka</i></p>	Real-time Monitoring Iot-based System For Early Flash Flood Notification In Melaka
	E85	<p>Sarah Husna Binti Rosman, Ain Natasha Binti Marafi, Aza Liana Binti Hamza, Nor Aswani Binti Mamat, Mohd Fadzlee Bin Azmi, Fatinnazihah Binti Abdul Rahman, Rasyidah Binti Murni</p> <p><i>Kolei Vokasional Sultan Ahmad Shah</i></p>	Smart Component Box Using Google Assistant

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	A137	Nurislah Izzati Binti Ibrahim, Hoo Yann Seong, Nurhafizah Moziyana Binti Mohd Yusop, Suhaila Binti Ismail, Siti Rohaidah Binti Ahmad <i>Universiti Pertahanan Nasional Malaysia</i>	Mini First Responder Drone (Web-based Drone Controller System)
	A53	Ir. Dr. Soon Chin Fhong, Wong Chun Xiang <i>Universiti Tun Hussein Onn Malaysia</i>	A Bluetooth And Machine Vision Controlled Auto Guided Vehicle
	A82	Meor Azli Nazrin Bin Meor Shamsuddin, Prof. MADYA Ir. Dr. DIRMAN Hanafi, Dr. Hisyam Bin Abdul Rahman <i>Universiti Tun Hussein Onn Malaysia</i>	Pid Speed Controller Of 12v Dc Motor Using Stm32 Nucleo-f411re Card Utilization
	A163	Iffan Darwis Bin Mohd Ibrahim, Herdawatie Binti Abdul Kadir, Nabihah @ Nornabihah Binti Ahmad, Mohd Hafiz Bin Abdul Jalil @ Zainuddin <i>Universiti Tun Hussein Onn Malaysia</i>	Smart Water Detector using IOT to Monitor the Quality and Water Level at River
	A162	Muhammad Jamilul Firdaus Bin Othman, Nurulhuda Binti Ismail, Zarina Binti Tukiran <i>Universiti Tun Hussein Onn Malaysia</i>	Smart Pedestrian Crossing In Campus With Internet Of Thing

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:

ID:

Winners Name

Title:



D55 Nurul Syahida Binti Sohaili, Mohamad Azahar Bin Baharim, Nurfarahin Binti Mohd Firly, Tuan Nuratiqah Binti Tuan Manan, Nur Azlina Binti Abu Bakar, Noor Dina Syadiyah Binti Khairul Nizam, Muhammad Azani Bin Khairul Nizan
Kolej Vokasional (Pertanian) Teluk Intan

"OMSACA" Bahan Penyerap Minyak Untuk Mengatasi Masalah Pencemaran Air

D75 Bastian Wibar Bin Momang, Muhammad Hadif Bin Tarape, Kenedy John, Carlvickent Cornelius, Mohd Syafieq Iqmal Bin Haibil, Mohd Adam Alieff Bin Jayady, Muhamad Nur Izzat Bin Mohd Jamal
Kolej Vokasional Tawau

Vehicle Fuel Pump Safety System & Power Window Controlled Using Bluetooth System

D78 Muhammad Danish Bin Amil Shafiq, Muhammad Faris Syazwan Bin Hasnul, Muhammad Khairul Ikhwan Bin Sahar, Mohamad Faiz Zulhafidz Bin Mohd Subhi, Muhammad Ramdan Bin Abdullah, Nur Arina Nabila Binti Mohd Asri, Siti Aisyah Binti Zainudin
Kolej Vokasional Seri Manjung

Automatic Sauce Dispenser

A151 Muhammad Adib Bin Azman, Munirah Binti Ab. Rahman
Universiti Tun Hussein Onn Malaysia


Residential College Attendance System With Facial Recognition And Temperature Measurement For Covid-19

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	A17	PM Ir Dr Norzita Ngadi, Nurul Balqis Binti Mohamed, Fatin Amirah Binti Razmi, Nurul Saadiah Binti Lani, Mohamed Hizam Bin Mohamed Noor, Siti Fadilla Binti Md Noor <i>Universiti Teknologi Malaysia</i>	Carbent (Carbon Black Adsorbent) The New Solution For Water Pollutants Issues
	A73	Muhammad Amir Zharif Bin Abd Samad, Dr. Ain Binti Nazari <i>Universiti Tun Hussein Onn Malaysia</i>	Banana Fruit Classification Using Convolutional Neural Network
	B131	Amnani Fathinah binti Zaidi, Dyan Hanis binti Md Suffian, Siti Khadijah binti Abdul Majeed, Dania Farisya binti Mohd Faizal, Siti Ruhana binti Sapuan <i>SM Islam Hidayah Pasirris</i>	Smart floor chair
	C26	Logeswari A/P Murugan, Kanishaa A/P Raja, Amrtha Jahnavi Dass, Sarvenassree A/P Gunaselan, Vatheswry A/P Sumen <i>SJKT Jalan Yahya Awal</i>	Quick Home Medic Care
	C40	Ammar Hasni Mohd Hasni, Azfar Hasni Mohd Hasni, Hilmi Mohd Yaidin <i>SK Bandar Seri Alam</i>	Vertical Indoor Farming Tower In A Small Space

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	C46	Norul Izzat Bin Nasir, Muhammad Azre Qushairy Bin Mohd Azme, Nur Adlina Binti Zulkifli, Madihah Nur Akma Binti Zaimam, Muhammad Rafiuddin Bin Mohd Ridzuan, Muhammad Muizzuddin Bin Anuar, Mohamad Afiq Daniel Bin Salim <i>SK Sungai Rengit</i>	Como Nutri-rich Plant Pot
	C70	Siti Haslina Binti Rejab Ali, Muhamad Syazwan Afif Bin Md Jailani, Muhammad Imran Bin Mohd Norasri, Sulaiman Dzul Karnain Bin Hasadi Tani Manja, Muhammad Aqil Bin Shahril Nazim, Aish Hanania Syifa Binti Afnizam, Munira Binti Mohamad Niizar <i>SK Pintas Raya</i>	Pembuatan Baja Kompos Dari Kulit Telur Ayam
	C87	Muizzuddin Nadhir Bin Mazwir, Nurdina Marissa Binti Mazwir, Norharyati Binti Harum, Mazwir Abdul Bin Manan, Siti Mariam Binti Abdul Talib <i>SK Tun Syed Ahmad Shahabudin</i>	Wireless Intelligent Trash Management In School

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	A131	Nurul Najiha Binti Mafop, Hafizal Bin Mohamad <i>Universiti Sains Islam Malaysia</i>	IoT-based Monitoring System For Indoor Air Quality Using Thingsboard
	F01	Fajar Ariadi, Bambang Minto Basuki, Efendi S Wirateruna <i>Universitas Islam Malang</i>	Digital Image Processing
	A24	Madam Mudiana Binti Mokhsin @ Misron, Abdul Muiz Bin Abadan, Anis Hanani Binti Azman, Nur Batrisyia Damia Binti Mustafa, Nur Hamizah Binti Azhar <i>Universiti Teknologi MARA</i>	Rubin Smart Waste Management For Smart City
	B195	Rizuan Bin Asmarah, Humaira Dayana Binti Noor Azlan, Izreen Iskandar, Nur Izzianni Binti Mohd Idzam, Nurul Nazira Muhiddin <i>Labuan International School</i>	The Polarsigh
	B144	Siti Safiyah Maisarah Bt Faddly, Nur Afiqah Bt Mohd Salmee, Alyaa Afiqah Binti Hazli, Nur Iffah Najihah Bt Ahmad Mahfuz Najhan, Siti Amira Binti Mazlan <i>SBP Integrasi Rawang</i>	Clove Candle

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
	B138	Abdullah Aiman Bin Luqman, Musaab Bin Umayr Sayfurrahman, Muhammad Aqil Danish Bin Muhammad Aizat, Muhammad Safiy Aminuddin Bin Suboh, Muhammad Aniq Rifqi Bin Mohd Yasin, Siti Zarina Binti Mohd Muji <i>Universiti Tun Hussein Onn Malaysia</i>	Auto Side Mirror
	C25	Gomathy Sankaran, Kartikeyan A/L Sundaram, Dishitha A/P Jayakumar <i>SJKT Kangkar Pulai</i>	Recycling Face Masks Into Pottery Products
	C74	Rozita Binti Othman, Muhammad Faheem Bin Sabran, Nur Raudah Binti Noran Azizan, Fatimah Binti Abdul Majeed <i>SM Islam Hidayah Pasirris</i>	River Cop: River Pollution Detection System
	C72	Ruziah Binti Razaly, Kavita Sirri A/P Murugesvaran, Alyssa Bt Saiful Zaini, Adreana Nafeesa Bt Muhammad Huzaifah, Zayhana Az-zahrah Bt Mohammad Yuzly, Cassandra Grace A/P Rayappan, Revathi P.M Nagarajan <i>SK Puteri</i>	Radiance Of Nature
	D81	Norazihanim Binti Rahim, Nur Wadhiah Binti Abdul Rahim, Izzah Hanis Binti Khudairi, Balqis Nur Batrisyia Binti Mohd Rizal, Tuan Nuratiqah Binti Tuan Manan, Nurfarahin Binti Mohd Firly <i>Kolej Vokasional (Pertanian) Teluk Intan</i>	Olena (Krim Penyembuh Luka)

SPECIAL AWARDS



NATIONAL INNOVATION & INVENTION COMPETITION 2022



Awarded by:	ID:	Winners Name	Title:
MALAYSIA INNOVATION INVENTION CREATIVITY ASSOCIATION	D24	Nor Ridzuan Bin Sabu, Muhamad Fikri Bin Shohur, Mohd Khairul Fahmi Bin Haron, Mohd Rafiee Bin Mohd Makri, Nursyaza Dinie Binti Mohamad Marzuki, Muhammad Ariffirdous Bin Mohamad Zainal, Mohamad Ikmal Bin Mahat <i>Kolej Vokasional Kerian</i>	Corn Thresher Machine
	D31	Rozaidi Bin Zaharudin, Muhammad Hisyamuddin Bin Haris, Muhammad Afiq Bin Zulkiflee, Wan Muhammad Firdaus Bin Wan Mohammad Samsudin, Muhammad Afiq Imran Bin Hasnol Imran <i>Institut Kemahiran Mara Kuala Lumpur</i>	Curry Puff Maker Machine
	E34	Hamidah Binti Mat, Izyan Mardhiah Binti Halmi, Muhammad Suffi Bin Yusof, Nor Hayati Binti Ismail, Nur Emyra Binti Mohd. Noor, Yuhanisah Binti Jemahar, Azleen Fazlia Binti Abu Kassim <i>Universiti Putra Malaysia</i>	Akademi Youtuber Apps
	E42	Theresa Stanley <i>SMK Bandar Tun Hussein Onn 2</i>	Ionic Cards; A Multipurpose Game To Study Ionic Formula In Chemistry
	E86	Norazlina Binti Yahya, Maslina Binti Mauluf, Norfaradila Binti Abd Malek, Nur Aqilah Zaleha Binti Sahak <i>Kolej Vokasional Dato Undang Haji Muhamad Sharip</i>	Cocobrown Scrub