

ATUR CARA PROGRAM

INTERNATIONAL RESEARCH AND INNOVATION, SYMPOSIUM AND EXPOSITION (RISE) 2023

18 & 19 OKTOBER 2023 (RABU - KHAMIS)
DEWAN SULTAN IBRAHIM, UTHM

17 OKTOBER
2023
SELASA

02.00 PETANG - 05.00 PETANG (Dewan Sultan Ibrahim)
Persiapan pempamer (pemasangan poster dan persiapan booth)

18 OKTOBER
2023
RABU

08.30 PAGI - 05.00 PETANG (Dewan Sultan Ibrahim)
• Pertandingan dan Pameran Penyelidikan dan Inovasi
• Pertandingan dan Pameran Inovasi Sekolah

10.00 PAGI - 03.00 PETANG (Dewan Sultan Ibrahim)
Sesi Penjurian Pameran (RISE) 2023

11.00 PAGI - 01.00 PETANG Pentas Utama (DSI)
Taklimat Harta Intelek
• *Paten dan Industrial Design*
Oleh Perbadanan Harta Intelek Malaysia (MyIPO)

01.00 PETANG - 02.00 PETANG (Dewan Sultan Ibrahim)
Rehat

03.00 PETANG - 05.00 PETANG Pentas Utama (DSI)
Taklimat Harta Intelek
• *Copyright dan Trademark*
Oleh Perbadanan Harta Intelek Malaysia (MyIPO)

19 OKTOBER
2023
KHAMIS

8.30 PAGI - 5.00 PETANG (Dewan Sultan Ibrahim)
• Pameran Penyelidikan dan Inovasi
• Pameran Inovasi Sekolah

09.00 PAGI - 10.00 PAGI Pentas Utama (DSI)
Commercial Talk - "The Importance of Commercialization and Its Journey"
YBrs. Ts. Hj. Azrai Bin Hj. Shuib, RTTP, Prof Adjung ICC
Mantan CIO Teknologi Park Malaysia

10.00 PAGI - 01.00 PETANG Bilik Banquet, (DSI)
Klinik Pengkomersialan - 1 to 1 Commercial Coaching
YBrs. Ts. Hj. Azrai Bin Hj. Shuib, RTTP, Prof Adjung ICC
Mantan CIO Teknologi Park Malaysia

01.00 PETANG - 02.00 PETANG (Dewan Sultan Ibrahim)
Rehat

02.30 PETANG - 4.30 PETANG (Dewan Sultan Ibrahim)
Majlis Perasmian Penutup (RISE) 2023

*A*TUR CARA PERASMIAN DAN PENUTUP
INTERNATIONAL RESEARCH AND INNOVATION, SYMPOSIUM AND
EXPOSITION (RISE) 2023

19 OKTOBER 2023 (KHAMIS)
02.30 PETANG HINGGA 04.30 PETANG
DEWAN SULTAN IBRAHIM,
UNIVERSITI TUN HUSSEIN ONN MALAYSIA

02.15 Petang	Ketibaan Ahli Eksekutif Ketibaan Tetamu VIP
02.20 Petang	Ketibaan Naib Canselor Universiti Tun Hussein Onn Malaysia
02.25 Petang	Nyanyian lagu Bangsa Johor dan Negaraku
02.30 Petang	Bacaan Doa
02.35 Petang	Tayangan Montaj Perjalanan RISE 2023
02.40 Petang	Ucapan Alu-Aluan YBhg. Prof. Ts. Dr. Norzila Binti Othman Pengarah Jawatankuasa Induk RISE 2023
02.55 Petang	Ucapan Perasmian Penutup <i>International Research and Innovation, Symposium and Exposition (RISE) 2023</i> YBhg. Prof. Ir. Ts. Dr. Ruzairi Bin Abdul Rahim (Naib Canselor UTHM)
03.15 Petang	Gimik Perasmian (RISE) 2023
03.20 Petang	Penyampaian Hadiah Bagi Pemenang RISE 2023
03.50 Petang	<ul style="list-style-type: none">• Penyampaian Cenderamata• Sesi Bergambar
04.00 Petang	Minum Petang Bersurai



INTERNATIONAL RESEARCH AND INNOVATION SYMPOSIUM AND EXPOSITION

RISE 2023

EXHIBITION FORMAT

FORMAT POSTER

- Name of Product
- Names and Picture of Inventor / Members
- Product Description
- Novelty and Inventiveness
- Usefulness / Benefit to Society
- Status of Product
- Product photo / diagram
- Market due Diligence / Commercialization Potential
- Evidence of Nearest Product Competitor / Benchmarking
- Industry Partner (Existing or Potential)
- IP Protection / Trademark / Copyright (if any)
- Research Paper Publication (if any)
- Poster Size : A0 (841mm X 1189mm) , Portrait Position



CONTACT US

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ID	NO SURAT	Type of Participant	Presenter Name (Full Name with Salutation)	Project Members	Title of Project	Organization	Category of Participation	Cluster of Participation
001	19	Sekolah	Nur Amirra-Fariza Asli	Norathirah Nabila Binti Abd Mutalib, Muhammad Annas Annuari Julai, Muhammad Nazrul Hafizi Mahadir, Muhammad Azib Hasbullah Ahmadi	Eco-Friendly Holder	SMK Kabong Sarawak	Innovation	Environment & Renewable Energy (ERE)
002	20	Staff UTHM	Assoc. Prof. Dr. Sharifah Adzila Binti Syed Abu Bakar	Aiman Haiqal bin Aizam Hamidie, Siti Aisyah binti A. Razak, Najah Anis Aqliah binti Mat Isa	3D Printing of Polyhydroxyalkanoate (PHA) Reinforced with Biphasic Calcium Phosphate (BCP) Extracted from Egg Shell Waste for Biomedical Application	Universiti Tun Hussein Onn Malaysia	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
003	21	Staff UTHM	Ts. Dr. Nur Anida Binti Jumadi	Muhammad Hazlisyam bin Hanafi, Nur Safwah binti Abd Rahaman	Optical Glucometer	Universiti Tun Hussein Onn Malaysia	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
004	22	Staff UTHM	Assoc. Prof. Dr. Abd Rahman Ahmad	Mohd Suffian Mohd Muhili, Prof. Dr. Wan Fauziah Wan Yusoff, Dr. Mohd Nazir Mohd Adj, Dr. Noor Aslinda Abu Seman, Dr. Arifha Mohamad, Mr. Mohd Asmadi Mohd Angsor, Mr. Wan Muhammad Idham Wan Mahdi	Creating A Model Collection Centre to Empower Transparency in The Sustainable Palm Oil Value Chain	Universiti Tun Hussein Onn Malaysia	Innovation	Agriculture & Aquaculture (AA)
005	23	Staff UTHM	Dr. Nadirul Hasraf Bin Mat Nayan	Mr. Mohd Syahir Anwar Bin Hamzah, Dr. Muhammad Hariz Asraf Bin Hassan	Kiranabyana: Dual-Functional Cosmetic Facemask Sheet With Microencapsulation Of Formulated Bromelain / Avocado Extract Serum	Universiti Tun Hussein Onn Malaysia	Commercialization	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
006	24	Staff UTHM	Dr. Muhammad Ammar Bin Shafi	Dr. Mohd Arif Bin Mohd Zim, Prof. Madya Dr. Mohd Saifulah Bin Rusiman, Dr. Aisya Natasya Binti Musa, Dr. Siti Aisyah Binti Salim, Mohd Zarir Bin Yusoff	MyCancer Apps: A Smart Technology as Early Detection of Cancers Based on Symptoms Tool	Universiti Tun Hussein Onn Malaysia	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
007	25	Staff UTHM	Ts. Inv. Dr. Rafizah Binti Mohd Hanifa	Ts. Dr. Shamsul Bin Mohamad, Aiman Hanif Bin Dolah, Amierul Farish Bin Osfairulazmir , Atikah Binti Azudin	"Mari Belajar Pai" App For Hearing Impairment	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
008	26	Staff UTHM	Associate Professor Ts. Dr. Narimah Kasim	Associate Professor Dr. Rozlin Zainal, Ts. Sharifah Meryam Shareh Musa, Dr. Hamidun Mohd Noh, Ts. Dr. Mohd Hilmi Izwan Abd Rahim, Sali Amirah Razali	SMART_EDT	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
009	27	Staff UTHM	Ts. Dr. Marlina Binti Mohamad	Ms. Noor Aina Natasha binti Khairul Anwar	IFunMath	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
010	28	Staff UTHM	Dr Nor Amani Filzah Binti Mohd Kamil	Ts. Dr. Mohd Ariff Ahmad Nazri, Dr. Muhammad Salleh Bin Hj. Abustan, Dr. Siti Hidayah Binti Abu Talib, Puan Hanayanti Binti Hafit, Encik Muhamad Azhari Bin Mohd Zaidie, Assoc. Prof. Ir. Dr. Mohd Adib Mohammad Razi	River Rangers: UjiMakro Water Monitoring Kit	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
011	29	Staff UTHM	Prof. Dr. Wan Fauziah Wan Yusoff	Prof. Ts. Dr. Seow Ta Wee, Dr. Indera Syahrul Mat Radzuan, Wan Muhammad Idham Wan Mahdi, Mohd Syahir Anwar Hamzah	Framework For Deforestation-Free Product	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
012	30	Staff UTHM	Dr. Nadirul Hasraf Mat Nayan	Wan Muhammad Idham Wan Mahdi, Mohd Syahir Anwar Hamzah, Adlil Ikram Shahrudin	Framework for Sustainable Community Chicken Farming by Rural Communities @ Pt Sulong - Securing Localities Food Sovereignty	Universiti Tun Hussein Onn Malaysia	Innovation	Rural Innovation (RI)
013	31	Staff UTHM	Pm Sr Dr Abdul Jalil Omar	Pm Sr Dr Abdul Jalil Omar	DR. Saham@Intelligent Investor	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
014	32	Staff UTHM	Assoc Prof Dr Radin Maya Saphira Binti Radin Mohamed	Nur Hidayah Kamilia Binti Rassman, Assoc Prof Dr Adel Ali Saeed Al-Gheethi	Nutrisaver	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
015	33	Staff UTHM	Dr. Adi Syahid Bin Mohd Ali	Cik Naqibah Azman, En. Mohd Akmal Rohiat, Dr. Nurul Aimi Razali, En. Nurul Adila Mohd Ali	Pcesynergy For Social Entrepreneurship: Central Data Analytic	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
016	34	Staff UTHM	Muhammed Fuad Ahmed Saif	Dr. Nureize Binti Arbaly, Dr. Yana Mazwin Binti Mohamad Hassim, Pn. Norlida Binti Hassan , En. Mohd Zaki Bin Mohd Salikon	Plantscare Mobile Apps: Deep Learning for Plant Disease Detection	Universiti Tun Hussein Onn Malaysia	Innovation	Agriculture & Aquaculture (AA)
017	35	Staff UTHM	Dr. Ahmad Hassan Sallehudin Mohd Sarif	Dr. Mazleha Maskin, Dr. Phongsakon Prak Tom, Mr. Fedrick Charlie Brayon, Prof. Ts. Dr. Faizal Mohamed	ReliaHR: A Unified Approach to Hardware and Human Reliability for Risk Assessment	Universiti Tun Hussein Onn Malaysia	Fundamental	Disaster Management (DM)
018	36	Staff UTHM	Dr. Ramhuzaini Bin Abd. Rahman	Ts. Mohamad Bin Md. Som, Ts. Azli bin Yusop, Ts. Maizul bin Ishak, Mr. Bala Kumaran Arumugham	EnergySCADA : UTHM's in-house developed Energy Monitoring System for Excellence Energy Management	Universiti Tun Hussein Onn Malaysia	Commercialization	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
019	37	Staff UTHM	Dr. Shazaitul Azreen Binti Rodzalan	Noor Nazihah Binti Mohd. Noor, Assoc. Professor Dr. Nor Hazana Binti Abdullah, Assoc. Professor Dr. Maisarah Binti Mohamed Saat, Dr. Aniza Binti Othman, Assoc. Professor Dr. Harcharanjit Singh, Natrah Binti Mohd Emran	Designing A Framework Of Future Workforce Skills In Manufacturing Industry: A Delphi Study	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, Community Development & Social Innovation (ECDSI)

ID	NO SURAT	Type of Participant	Presenter Name (Full Name with Salutation)	Project Members	Title of Project	Organization	Category of Participation	Cluster of Participation
020	38	Staff UTHM	Sr Ts. Dr. Nazirah Binti Mohamad Abdullah	Sr Saifulizan Bin Mohd Bukari, Encik Mohd Rafiq Bin Mujilan, Cik Izyan Hakimah Binti Kamar Supardi, Cik Astina Binti Tugi	Sustainable Conservation Management System For The Critically Endangered Betta Persephone In Ayer Hitam Peat Swamp Forest Reserve, Muar, Johor	Universiti Tun Hussein Onn Malaysia	Innovation	Rural Innovation (RI)
021	39	Staff UTHM	Sr Ts Dr Nazirah Binti Mohamad Abdullah	Mr Salman bin Saaban, Miss Nurul Hazrah binti Nor Hassan	Understanding The Need Of Elephant Corridors In Pantl Forest Reserve, Kota Tinggi, Johor	Universiti Tun Hussein Onn Malaysia	Innovation	Rural Innovation (RI)
022	40	Staff UTHM	Prof. Ts. Dr. Seow Ta Wee	Dr. Indera Syahrul Mat Radzuan, Prof. Gs Ts Dr. Sulzakimin Mohammed, Assoc. Prof. Dr. Goh Kai Chen, Assoc Prof. Dr. Haryati Shafii, Assoc. Prof. Dr. Md Asrul Md Nasid, Dr. Muhammad Azahar Abas, Assoc Prof. Ts. Dr. Roshartini Omar, Ts. Dr. Norliana Sarpin and Sr. Zailawati Khalid	Knowledge Transfer on the Application of Waste To Energy Technologies in ASEAN Countries	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, Community Development & Social Innovation (ECDSI)
023	41	Staff UTHM	Ts. Muhammad Shukri Bin Ahmad	Ts. Tengku Nadzlin Bin Tengku Ibrahim, Ts. Radzi Bin Ambar, Hazwaj Bin Mhd Poad, Pm Dr. Shamsul Aizam Bin Zulkifli, Mohd Helmy Bin Abd Wahab,	Qube-Bot: Robotic Development Platform	Universiti Tun Hussein Onn Malaysia	Commercialization	Education, Community Development & Social Innovation (ECDSI)
024	42	Staff UTHM	Ts. Dr. Amirul Syafiq Bin Sadun	Mr. Saranjuu Chulakit A/L Cham Ren, Ts. Mohd Fadly Bin Abd Razak, Ts. Megat Satria Zainuddin Bin Yaacob, Ts. Dr. Hairulazwan Bin Hashim, Dr. Nor Anija Binti Jalaludin	Process Cycle Time Monitoring System (Ctms) For Line Balancing Studies In Production Lines With Conveyor Systems	Universiti Tun Hussein Onn Malaysia	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
025	43	Staff UTHM	Pm Dr Wahyu Mulyo Utoma	Prof Dr Mohd Noh Dalimin, Ts Mohamad Md Som, Ts Mohd Hamim Sanusi, Dr Shipun Anuar Hamzah, Dr Ansar Abd Jamil, Dr Mohd Shamian Zainal, Ts Dr Nor Azizi Yusoff, Dr Rahmat Sidek, Ts Azmi Siddek, Pm Dr Mohammad Sukri Mustapa	Smart Smoke Monitoring Detection System (Smortec) With Esp32 Camera	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEAAR)
026	44	Staff UTHM	Ts. Sharifah Meryam Binti Shareh Musa	Muhamad Faizal Bin Mostaffa, Dr Hamidun Bin Mohd Noh, Pm Ts Dr Narimah Binti Kasim Dan Pm Dr Rozlin Binti Zainal	Spah@Komuniti	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
027	45	Staff UTHM	Associate Professor Chm Dr Norhayati Binti Muhammad	Dr Muhammad Suhaimi Bin Sulong, Associate Professor Ts Dr Mohd Fadzelly Bin Abu Bakar, Associate Professor Ts Dr Muhammad Abdul Latiff Bin Abu Bakar, Dr Mohd Zul Hilmi Bin Mayzan, Madam Nur, Bashirah Binti Hussin	Charms Skincare Cosmetics: An Effective Kit For Skin Tone Improvement	Universiti Tun Hussein Onn Malaysia	Commercialization	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
028	46	Staff UTHM	Dr. Azmal Bin Sabil	Mohammad Aliff Najmie Bin Roslan, Muhammad Danial Syahmi Bin Suhaimi, En. Nasrul Arif Bin Ahmad Mahmud, Pn. Nadiyah Noor Hisham, En Adli Faezal Bin Rosnan	Smart Greendome	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
029	47	Staff UTHM	Dr Shakila Binti Abdullah	Ms. Nur Aisyah Binti Abdul Halim Lim, Ms. Nur Arisya Ilyana Binti Khairulazman, Mr. Lim Boon Siang, Mr. Liew Cheng Yeu	Gracithm	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
030	48	Staff UTHM	Professor Madya Ts. Dr. Muhammad Abdul Latiff Abu Bakar	Cik Nursyuhada Binti Othman, Puan Norhidayah Binti Haris, Cik Nurfatihah Akmal Fawwazah Binti Abdullah Fauzi, Cik Nur Hartini Binti Sariyati, Cik Farah Farhana Binti Ramli	EthnoKIT: Empowering Orang Asli for Sustainable Livelihoods and Environmental Stewardship	Universiti Tun Hussein Onn Malaysia	Fundamental	Rural Innovation (RI)
031	49	Staff UTHM	Assoc. Prof. Ir. Dr.-Ing. Low Cheng Yee	Dr. Jingye Yee, Assoc. Prof. Dr. Natiara Mohamad Hashim, Assoc. Prof. Dr. Noor Ayuni Che Zakaria, Assoc. Prof. Dr. Fazah Akhtar Hanapiah, Abishai Asir a/I A. Thederajan	AI-Assisted Diagnosis for Upper Limb Spasticity	Universiti Tun Hussein Onn Malaysia	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
032	50	Staff UTHM	Dr. Hafizah Binti Zulkipili	Encik Zarir bin Yusoff, Dr. Nor kamariah binti Kamaruddin, Dr. Wan Nurul Karimah binti Wan Ahmad, Dr. Chandrashekar A/L Ramasamy, Dr. Norasmiha binti Mohd Nor	Integrated optisync: Maximizing Profit & Quantity through Manufacturing-to-Buyer Synergy	Universiti Tun Hussein Onn Malaysia	Innovation	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
033	51	Staff UTHM	Dr Azita Ali	Dr Lutfiah Natrah, Kushali Kumarakesan	Development Of Interactive Application 2d Animation Traditional Game Congkak	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
034	52	Staff UTHM	Dr. Arney Binti Sapaat	Miss Nurfahana Binti Mo'in	4-Senses Compact Exhibit	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
035	53	Staff UTHM	Ts. Dr. Hazlini Binti Dzinun	Pm. Dr. Mohamad Zaky Bin Noh, Dr. Norhazimah Binti Abdul Halim, Basirah Binti Fauzi, Nurul Izzati Binti Mohd Ismail, Dr. Siti Samahani Binti Suradi, Dr. Mohd Khairul Nizam Bin Mohd Zuhan, Rozainita Binti Rosley	Innovative Rabbit Feed Pellet	Universiti Tun Hussein Onn Malaysia	Innovation	Agriculture & Aquaculture (AA)
036	54	Staff UTHM	Assoc. Prof. Dr Siti Fatimah Zaharah M Fuzi	Dr. Nor Hasmaliana Abdul Manas, Dr. Nur Izyan Wan Azelee, Ts. Dr. Nasratun Masngut, Dr. Muhammad Abd. Hadi Bunyamin, Ms Nur Azzyyati Azman	Kaizen Adsorbent for Adsorption of Persistent Pollutants	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
037	55	Staff UTHM	Prof. Hasan Zuhudi Bin Abdullah	Assoc Prof Dr Maizlinda Izwana Idris, Dr. Kanageswary Sockalingam, Dr. Norhasikin Binti Ismail	Halal Gelatin From Black Tilapia Fish Waste (GelaFish)	Universiti Tun Hussein Onn Malaysia	Commercialization	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)

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038	56	Staff UTHM	Ts Dr Marlina Binti Mohamad	TS Ummu Hani Yusof	Mixed Reality Cuisine	Universiti Tun Hussein Onn Malaysia	Innovation	Education, Community Development & Social Innovation (ECDSI)
039	57	Staff IPTA'S	Chm. Dr. Krishna Veni Veloo	Prof Dr Farook Adam, Dr Anwar Iqbal	V5OL- Innovative to kit determine ultra trace levels of pesticides in fruits and vegetables.	Universiti Malaysia Kelantan (UMK)	Innovation	Agriculture & Aquaculture (AA)
040	58	Staff IPTA'S	Associate Professor Ts. Gs. Dr. Mohd Johari Mohd Yusof	Associate Professor Dr. Shureen Mohd Faris, Associate Professor Dr. Nor Zalina Harun, Mr. Jiao Fenglei	GLU@U: Malaysia's first digital healthcare SaaS platform for real-time glucose monitoring	Universiti Putra Malaysia (UPM)	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
041	59	Staff IPTA'S	Dr Jayaraj Vijaya Kumaran	Muhammad Hafiz Bin Mohd Yazid, Dr. Boon Jia Geng, Dr. Suganthi A/P Appalsamy, Fong Pool Har, Prof. Dr. Balakrishnan A/I Parasuraman	SpeedDNA Isolation Kit	Universiti Malaysia Kelantan (UMK)	Innovation	Environment & Renewable Energy (ERE)
042	60	Staff IPTA'S	Prof. Madya Dr. Nanthini Sridewi A/P Appan	Lt Ts. Thachnatharen A/L Nagarajan (UPNM), Prof. Dr. Mohammad Khalid (Sunway Universiti), Dr. Syed Shahabuddin (Pandit Deendayal Energy University), Kept Prof. Dr. Zulkifly bin Mat Radzi TLDM (Bersara) (UPNM)	Tajuk Produk: XT-ULTRA NANO ENGINE OIL (MoS2-HbN based Nanolubricant for Diesel-based Engines) Tajuk Projek: Enhanced Tribological Performance of MoS2 Hybrid Nanoparticles as Nano additives in Diesel Based Engine Oil.	Universiti Pertahanan Nasional Malaysia (UPNM)	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
043	61	Staff IPTA'S	Prof. Dr. Norbahiah Misran	Prof. Dr. Norbahiah Misran, Dr. Touhidul Alam, Prof. Dr. Mohammad Tariqul Islam, Dr. Mohd Fais Mansor, Dr. Mohd Hafiz Baharuddin	Dual-circular polarized metamaterial antenna for nanosatellite communication system	Universiti Kebangsaan Malaysia (UKM)	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
044	62	Staff IPTA'S	Dr. Touhidul Alam	Touhidul Alam, Mohammad Tariqul Islam, Mohammad Lutful Hakim, Mandeep Singh A/L Jit Singh, Norsuzlin Mohd Sahar	Polarization Insensitive and Oblique Incident Angle Stable Miniaturized Conformal FSS for 5G mm-Wave band EMI Shielding Applications	Universiti Kebangsaan Malaysia (UKM)	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
045	63	Staff IPTA'S	Associate Professor Dr. Yong Yoke Keong	Prof. Dr. Rahmita Wirza	Heartricity – An Augmented Reality Application for Teaching and Learning of Cardiovascular Physiology	Universiti Putra Malaysia (UPM)	Innovation	Education, community Development & Social Innovation (ECDSI)
046	64	Staff IPTA'S	Profesor Ir. Dr. Ahmad Kamil Arshad	Profesor Madya Ts. Dr. Ekarizan Shaffie, Dr. Noor Azreena Kamaluddin, Mohd Izzat Asyraf Mohamad Kamal, Fionna Shiong	GREEN ASPHALT: The Sustainable Asphalt Mix for Road Surfacing	Universiti Teknologi Mara (UiTM)	Innovation	Environment & Renewable Energy (ERE)
047	65	Staff IPTA'S	Dr Parameswari Shunmugam	Dr Vijayakumar Vengadasalam	Revolutionizing Language Learning: The AI-Integrated Virtual English Immersion Experience for Higher Education	Politeknik	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
048	66	Staff IPTA'S	Ms. Nik Nur Qahirah binti Yahya	Ms. Nik Nur Qahirah binti Yahya, Dr. Hafisyatul Aiza binti Zainal Abidin, Mrs. Nurul Nadiyah binti Othman, Mr. Zarif Nukman bin Rohaizat, Mr. Mohamad Faizal bin Samsuni	Beethoven Light - Improve Image Quality By Complying With Breathing Instructions For Patients With Hearing Impairment In Cardiac MRI	Universiti Teknologi Mara (UiTM)	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMFFS)
049	67	Staff IPTA'S	Dr Wan Nurhayati Wan Hanafi	Dr Wan Nurhayati Wan Hanafi, Dr Wan Rozanoor Mohd Hassan, Mrs Rohana Mat Nor, Dr Umi Marshida Abd Hamid, Dr Zurianti Abd Rahman	Malaysian-Made Kimchi (Fruv)	Universiti Teknologi Mara (UiTM)	Innovation	Agriculture & Aquaculture (AA)
050	68	Staff IPTA'S	Prof Dato' Dr Shamala Subramaniam	Prof Ts Dr Zuriati Ahmad Zukarnain, Assoc Prof Dr Abdullah Muhammed, Dr Hong Siaw Swin, Zarina Muhamed, Tulaisiram Naidoo Nithiananda Naidu	Iosrocks Sports Performance Analysis System	Universiti Putra Malaysia (UPM)	Innovation	Education, community Development & Social Innovation (ECDSI)
051	69	Staff IPTA'S	Puan Nor Azlina Binti Rais	Puan Norhidayah Binti Samat, Puan Noor Izzati Binti Ahmad Fuad, Puan Armuni Binti Mohd Najid	Kaedah Perancangan Kewangan	Kolej Poly-Tech Mara Batu Pahat	Innovation	Education, community Development & Social Innovation (ECDSI)
052	70	Staff IPTA'S	Dr Ilyana Binti Jalaluddin	Dr Lilliaty Binti Ismail, Dr Ramiza Binti Darmi	Mixing Visual Reality And Augmenting In Language Learning	Universiti Putra Malaysia (UPM)	Innovation	Education, community Development & Social Innovation (ECDSI)
053	71	Staff IPTA'S	Mrs Namirah binti Mohd Akahsah	Miss Yasmin Noor binti Azizee, Miss Farrah Kamilla binti Haris, Mr Muhammad Hazeem bin Rohaizad, Mr Al Jeffrey Haqim bin Mohd Azman	Jurisophy	Universiti Teknologi Mara (UiTM)	Innovation	Education, community Development & Social Innovation (ECDSI)
054	72	Staff IPTA'S	Ts. Dr. Mohd Firdaus Malek	Ts. Mohd Shahrulrizan Ibrahim, Ts. Salifairus Mohammad Jafar, Mr. Muhamad Faizal Abd Halim, Mr. Mohd Azlan Jaafar	Microwave-Assisted Rapid Synthesis of Self-Assembled ZAO Nanowires Anchored on Seeded Catalyst Layer for Hybrid Photovoltaic Cells	Universiti Teknologi Mara (UiTM)	Innovation	Environment & Renewable Energy (ERE)
055	73	Staff IPTA'S	Ts Dr Mardawani Mohamad	Ts Mohd Fadzhel Mohd Nasir, Prof Madya Dr Mohamad Najmi Masri, Ts Dr Teo Pao Ter, Dr Noor Fazliani Shoparwe, Dr Nur Nabilah Shahidan	Smartpro: Smart Processing System For Plant Fiber	Universiti Malaysia Kelantan (UMK)	Innovation	Agriculture & Aquaculture (AA)
056	74	Staff IPTA'S	Dr Nur Aima Shafie	Prof Dr Zuraidah Mohd Sanusi, Dr Yusarina Mat Isa, Dr Aziatul Waznah Ghazali	Digital Audit Quality (Daq) V2	Universiti Teknologi Mara (UiTM)	Innovation	Education, community Development & Social Innovation (ECDSI)

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057	75	Staff IPTA'S	Ts. Dr. Nurulisma Binti Hj. Ismail	Ms. Nurul Husna Mohammad Anwar, Mr. Kathiravan A/L Manikam, Dr. Rasimah Che Mohd. Yusoff, Ms. Nurul'afiah Kamal Baharin, Assoc. Prof. Dr. Naimah Yaakob	Water Storage Monitoring System With The Integration Of Internet Of Things Technology	Universiti Malaysia Perlis (UniMAP)	Innovation	Environment & Renewable Energy (ERE)
058	76	Staff IPTA'S	Dr Yuslina Zakaria	Prof Dr Jamaliah Said, Dr Farah Ahmad Nadzri, Dr Nur Atiqah Rochin Demong, Dr Purwatiningsih Lisdiono	e-RAT: Electronic Resilience Assessment Tool	Universiti Teknologi Mara (UiTM)	Innovation	Education, community Development & Social Innovation (ECDSI)
059	77	Staff IPTA'S	Dr. Nur Hamizah Binti Mohd Zaki	Dr Ainnur Sherehe Bt Kamisan, Prof Madya Dr Mohamad Fariz Bin Mohamad Taib, Prof Ts Dr -Ing Oskar Hasdinor Hassan, Dr Fadhlu Wafi Badrudin, Prof Ts Dr Mohd Zu Azhan Bin Yahya	Designing and Fabrication of LifePo4/Graphene Cathode for Lithium Assisted with Computational Calculation Ion Battery	Universiti Teknologi Mara (UiTM)	Innovation	Environment & Renewable Energy (ERE)
060	78	Staff IPTA'S	Dr Ainnur Sherehe Binti Kamisan	Dr Nur Hamizah Binti Mohd Zaki, Prof. Dr -Ing. Oskar Hasdinor Bin Hassan, Prof. Madya Dr Mohamad Fariz Bin Mohamad Taib, Prof. Dr. Ab Malik Marwan Bin Ali, Dr. Ahmad Firdaus Bin Che Omar	High Output Voltage of ZnO/rGO Nanogenerator	Universiti Teknologi Mara (UiTM)	Innovation	Environment & Renewable Energy (ERE)
061	79	Staff IPTA'S	Dr. Mohd Anuar Bin Jamaludin	Mohamad Syafiq Bin Zainodin, Prof. Dr. Roslinda Binti Nazar, Nur Sakinah Binti Idris, Nurul A'isyah Binti Jaafar	Higher Order Chemical Reaction Impact on Heat and Mass Transfer of Hybrid Ferrofluid Flow in a Darcy Porous Media	Universiti Pertahanan Nasional Malaysia (UPNM)	Fundamental	Environment & Renewable Energy (ERE)
062	80	Staff IPTA'S	Pn. Wan Zaiyana Mohd Yusof	En. Amirul Syafiq Bin Zainul Azman, Dr.Siti Salwa Binti Isa, En.Abu Ali, Dr.Nor Lelawati Binti Jamaludin	Aesthetic Functional Supercar Chassis Design	Universiti Teknologi Mara (UiTM)	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
063	81	Staff IPTA'S	Dr. Noor Amirah Abdul Halim	Prof. Dr Zurina Zainal Abidin, Dr. Rozaini Abdullah, Dr. Adibah Izzati Daud, Ts. Sharifah Zati Hanani Syed Zuber	HIGH-YIELD ISOPULEGOL-RICH CITRUS ESSENTIAL OIL FROM KAFFIR LIME LEAVES VIA PRESSURIZED HOT WATER EXTRACTION	Universiti Malaysia Perlis (UniMAP)	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
064	82	Staff IPTA'S	Ts. Dr. Mazlan Bin Mohamed	Prof. Dr. Zurina Zainal Abidin, Dr. Rozaini Abdullah, Dr. Adibah Izzati Daud, Ts. Sharifah Zati Hanani Syed Zuber	Smart Powder Duo-fill: AI-Powered Twin Hopper Filling System	Universiti Malaysia Kelantan (UMK)	Innovation	
065	83	Staff IPTA'S	Prof. Madya Ts. Dr. Sarizam Bin Mamat	Prof. Dr. Arham Bin Abdullah, Assoc. Prof. Dr. Jidon @ Adrian Janaun, Assoc. Prof. Dr. An'amt Bin Mohamed Noor, Ts. Dr. Mazlan Bin Mohamed, Adeline Tan	Development of Commercial Scale Integrated Solar Dryer (INSOLER) for drying of fish	Universiti Malaysia Kelantan (UMK)	Commercial	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
066	84	Staff IPTA'S	Prof. Madya Ts. Dr. Tan Tse Guan	Miss Carina Yeoh Wan Jen, Mr. Muhammad Najibul Muthie Bin Che Ya'acob, Mrs. Mika Kitahara, Mrs. Tg. Iffah Binti Tuan Yazid	UMK's Japanese Language AR App 2.0: Reimagining Learning Paradigms	Universiti Malaysia Kelantan (UMK)	Innovation	Education, community Development & Social Innovation (ECDSI)
067	85	Student IPTA'S	Aindurar Rania Balqis Binti Mohd Sufian	Prof Dato' Dr Shamala Subramaniam	WSportHub: An IoT-based Intelligent Tracking and Profiling of Women Ecosystem	Universiti Putra Malaysia (UPM)	Innovation	Education, community Development & Social Innovation (ECDSI)
068	86	Student IPTA'S	Assoc. Prof. ChM. Dr. Siti Efliza Ashari	Miss Nur Farah Syazwahazwani Sufatan, Mr. Liu Shou	Oleate Nanoblock: The Use of Oleate Encapsulation for Sun Blocking	Universiti Putra Malaysia (UPM)	Innovation	Agriculture & Aquaculture (AA)
069	87	Student IPTA'S	Assoc. Prof. Dr. Siti Efliza Ashari	Anan Khadijah Imani Zulkifli, Sharifah Nurfadhin Afifah Syed Azhar, Fazila Zakaria	Nanotoxicity Study of Wound Hydrogel Prototypes based on formulated Mitragyna speciosa Extract using Zebrafish (Danio rerio)	Universiti Putra Malaysia (UPM)	Fundamental	Agriculture & Aquaculture (AA)
070	88	Student IPTA'S	Dania Ilesa Binti Norazri	Fadilah Binti Mohamed Ishak	Traveler And Explorer Mobile App	Kolej Poly-Tech Mara Batu Pahat	Innovation	Tourism, Travel & Tours (TTT)
071	89	Student IPTA'S	Dr. Ahmad Farid Nazmi Abdul Halim	Prof. Dr. Mohd Rohaizat Hassan, Prof. Dr. Rozita Hod, Ts. Dr. Khaironi Yatim Sharif, Dr. Muhammad Luqman Mahamad Zakaria	eCOMBI-Denggi: Revolutionize the implementation of COMBI in dengue prevention	Universiti Kebangsaan Malaysia (UKM)	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
072	90	Student IPTA'S	Dr. Isa bin Halim	Mr. Muhammad Haikal Sidek, Dr. Zulkuffee Abdullah, Dr. Muhammad Zaimi, Mr. Muhammad Nadzirul Izzat	Exoskeleton for Solat	UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTeM)	Innovation	Islamic Innovation (II)
073	91	Student IPTA'S	Encik Muhammad Izzat Farhan Bin Idris	Puan Nor Azahana Binti Abdul Rahim	Smart Gps Control And Tracking (IOT)	Kolej Poly-Tech Mara Batu Pahat	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
074	92	Student IPTA'S	Encik Wan Muhammad Nabil Bin Wan Hussin	Puan Nor Azahana Binti Abdul Rahim	Trivia Obby Apps (Mobile Application)	Kolej Poly-Tech Mara Batu Pahat	Innovation	Education, community Development & Social Innovation (ECDSI)
075	93	Student IPTA'S	Hani Quraisyah Binti Jumizan	Aidahani Binti Ahmad	Trip Planner Website System	Kolej Poly-Tech Mara Batu Pahat	Innovation	Tourism, Travel & Tours (TTT)

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076	94	Student IPTA'S	Iesti Hajar Binti Hanapi	Iesti Hajar Binti Hanapi, Muhamad Ariff Bin Amir Hamzah, Prof. Ir. Dr. Siti Kartom Binti Kamarudin	Biomass-Based Lightweight Direct Methanol Fuel Cell Dmfc For Portable Applications	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Environment & Renewable Energy (ERE)
077	95	Student IPTA'S	Ir. Ts. Mohamad Xazaquan Mansor Ali	Prof. Ts. Dr. Kadir Arifin	Model Of Hazard Control And Prevention Management On Safety Outcomes	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Disaster Management (DM)
078	96	Student IPTA'S	Mohd. Rhafiq Mazlan	Dr. Nashrah Hani Jamadon, Fathin Iliana Jamhari, Mohammad Azlan Aripin	Enhancing Stainless Steel SS316L Particle Bonding in Additive Manufacturing: A Study of Necking Formation and Process Optimization	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
079	97	Student IPTA'S	Mr Ahmad Baihaqi Bin Ahmad Rifae	Prof Dato' Dr Shamala Subramaniam	Navident: An Intelligent Localization and Navigation Algorithm to Correlate Sensor Emotional Triggers	Universiti Putra Malaysia (UPM)	Innovation	Education, community Development & Social Innovation (ECDSI)
080	98	Student IPTA'S	Mr. Ahmad Shukry Bin Yahya	Dr. Nurbahiah Binti Mohamed Haris, Mr. Ibrahim Bin Martibi, Ms. Nurfarah Asyiqin Binti Shaari, Ms. Nurarina Haziqah Binti Abdul Halim Sah	Unity Garden Drum (UGD) : The Future of Urban Farming	IPTA	Innovation	Education, community Development & Social Innovation (ECDSI)
081	99	Student IPTA'S	Mr. Megat Ameer Rusyaidi Bin Mohd Rosli	Mrs. Nur Fadhliah Binti Zaharin, Mr. Muhammad Afif Danish Bin Ghazali, Ms. Nurul Aisyah Binti Mohd Khadafi, Ms. Nurfarah Wahida Binti Mesardin	The Production Of Ecocube Fire Charcoal Using Waste For Recreationists	Politeknik Muadzam Shah	Innovation	Tourism, Travel & Tours (TTT)
082	100	Student IPTA'S	Ms. Ng Wei Shi	Dr. Rozan Mohamad Yunus	Development and Optimisation of Membrane Electrode Assemblies (MEA) in Anion Exchange Membrane (AEM) Water Electrolyser	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Environment & Renewable Energy (ERE)
083	101	Student IPTA'S	Ms. Nurulfasihah Binti Azhar	Dr. Rozan Binti Mohamad Yunus	Synthesis And Characterisation Of Cobalt-Nickel@Borophene Core-Shell Nanoparticle As Electrocatalyst For Hydrogen Evolution Reaction	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Environment & Renewable Energy (ERE)
084	102	Student IPTA'S	Muhamad Syafiq bin Adimun	Prof Dato' Dr Shamala Subramaniam	Foodlink - Smart (B40) Internet Of Things (IoT) Food Security And Youth Development Distributed System	Universiti Putra Malaysia (UPM)	Innovation	Education, community Development & Social Innovation (ECDSI)
085	103	Student IPTA'S	Nik Farah Hanis Binti Nik Zaiman	Dr Norazuwana Binti Shaari	Graphene/Ni-BDC as a Support for Pt-Ru Anode Catalyst in Direct Borohydride Fuel Cell	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Environment & Renewable Energy (ERE)
086	104	Student IPTA'S	Nur Ain Masleeza Binti Harun	Dr Norazuwana Binti Shaari	Sulfonated poly(ether ether ketone)/graphitic carbon nitride composite membrane for direct borohydride fuel cell	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Environment & Renewable Energy (ERE)
087	105	Student IPTA'S	Nur Atiqah Binte Osman	Ainnur Liyana binti Mohamad Yajid, Dr. Siti Zaleha Omain, Dr. Roshazlizawati Mohd Nor, Dr. Mohd Zufabli Hasan	Toy Bricks Simulation Game Approach in Teaching Operations Management	Universiti Teknologi Malaysia (UTM)	Innovation	Education, community Development & Social Innovation (ECDSI)
088	106	Student IPTA'S	Nur Diyana Binti Baddal	Umi Kalsum Binti Hassan	Smart Trolley	Kolej Poly-Tech Mara Batu Pahat	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
089	107	Student IPTA'S	Nur Ubaidah binti Saidin	Dr. Rozan binti Mohamad Yunus	Co-MD: A Multi-dimensional Structured Electrocatalyst of Cobalt-based Nanoparticles Supported on Holey-Graphene Oxide	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Environment & Renewable Energy (ERE)
090	108	Student IPTA'S	Nurul Shahzira binti Hazri	Nurul Shahzira binti Hazri	Twinkle twinkle fuel cell advancement, can electrolyte and electrode configuration tune Magnesium-Air Fuel Cell (MAFC) performance?	Universiti Kebangsaan Malaysia (UKM)	Innovation	Environment & Renewable Energy (ERE)
091	109	Student IPTA'S	Nurul Shayhiera Aminuddin	Dr. Nashrah Hani Jamadon, Muhammad Sufiyan Amril, Nurul Hannani Abdul Hadi, Prof. Dr. Andanastuti Muehtar	Locally-Developed Novel 3 mol% Ytria Stabilized Zirconia Block for Dental Restoration	Universiti Kebangsaan Malaysia (UKM)	Innovation	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
092	110	Student IPTA'S	Omar Syah Jehan Bin Elham	Dr Norazuwana Binti Shaari, Dr Azran Bin Mohd Zainoodin, Ts Dr Reusmaazran Yusof, Prof Ir Siti Kartom Kamarudin	Exg-cell: the new age fuel cell	Universiti Kebangsaan Malaysia	Fundamental	Environment & Renewable Energy (ERE)
093	111	Student IPTA'S	Pn. Nurul Adawiyah Binti Abd Satar	Prof. Dr. Nik Mohd Rahimi Bin Nik Yusoff, Prof. Madya Ts. Dr. Mohd Effendi @ Ewan Bin Mohd Matore, Norain Binti Samsudin & Faiezah Binti Abbas	Quick Response Note Pit1	Universiti Kebangsaan Malaysia (UKM)	Innovation	Islamic Innovation (II)
094	112	Student IPTA'S	Rakesh Kumar A/L Saravanan	Dr Teh Zaharah Yaacob, Dr Mohd Zufabli Hasan, Dr Hanini Ilyana Hashim, Yao Jia Ying	I-PRO Plus Halal Audit Checklist for Halal Warehouse Compliance to MS 2400: 2019 Part 2	Universiti Teknologi Malaysia (UTM)	Commercialization	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)

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095	113	Student IPTA'S	Rodziah Romli	Prof Madya Dr. Azmawati Mohammed Nawi, Prof Madya Dr. Rahana Abd Rahman, Prof Madya Dr. Syahnaz Mohd Hashim, Prof Madya Dr. Emma Mirza Wati Mohamad, Dr. Shamsiah Abd Kadir	E-Health Video Sedar® : A Motivational Innovation Educational Tool For Cervical Cancer Screening	Universiti Kebangsaan Malaysia (UKM)	Innovation	Education, community Development & Social Innovation (ECDSI)
096	114	Student IPTA'S	Ts. Leong Kok Seng	Prof Madya Dr. Mohd Shahbudin Mastar @ Masdar, Prof Madya Dr. Loh Kee Shyuan, Dr. Wong Wai Yin, Dr. Choo Thye Foo, Ts. Karthikeyan a/l Ramachandran	Pisma: Durable And High Performance Electrolyte For High Temperature Pem Fuel Cell	Universiti Kebangsaan Malaysia (UKM)	Fundamental	Environment & Renewable Energy (ERE)
097	115	Student IPTA'S	Ts. Leong Kok Seng	Karthikeyan a/l Ramachandran, Azini Amiza binti Hashim	TeachConnect	Universiti Kebangsaan Malaysia (UKM)	Innovation	Education, community Development & Social Innovation (ECDSI)
098	116	Sekolah	Aisyah Dayani binti Nazman	Aina Adriana binti Mohd Hafiz, Mohamad Zulhami bin Mohd Hidayat, Amir Irfan bin Jeraie	Advanced Automated Home Garden (A.H.O.G)	Maktab Rendah Sains MARA Batu Pahat	Commercialization	Agriculture & Aquaculture (AA)
099	117	Student IPTA'S	Yao Jia Ying	Rakesh Kumar A/L Saravanan, Dr. Mohd Zulfabli Hasan, Dr. Teh Zaharah Yaacob, Dr. Hanini Ilyana Che Hashim, Dr. Siti Zaleha Omain	Sustainable Campus Engagement: Assessing Student Awareness of University Initiatives	Universiti Teknologi Malaysia (UTM)	Fundamental	Education, community Development & Social Innovation (ECDSI)
100	118	Student IPTA'S	Zahrah Ramadan Mubarakah	Assoc. Prof. Dr. Norsuria Mahmed, EUR ING Ir. Ts. Dr. Mohd Natashah Norizan SMIEEE CEng MIET, Ts. Ili Salwani Mohamad, Dr. Nurfina Yudasari	Solar Philm (Solar-driven Photocatalyst Film Based on Silver Sulfide Nanoparticles and Micro Cellulose)	Universiti Malaysia Perlis (UniMAP)	Innovation	Environment & Renewable Energy (ERE)
101	119	International	Yang Yanyong	Mohd Faisal Hushim, Zhang Yandong, Li Junli, Allyssa Amanda Anak Jihl	Electric Vehicle	Zhuhai City Polytechnic	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
102	120	International	Sulthan Saiyfullah Muhammad (UNISA)	Zakiya Gania (UNISA), Sharfina Mutia Syarifah, B.Sc., M.EngTech (UNISA), Prof. Madya Dr. Angzgas Sari Mohd Kassim (UTHM)	Nacofert: An Efficient Ecoenzyme Biofertilizer with Nanoparticle Technology, The Solution For Sustainable and Plant Growth Development	Faculty of Science and Technology, Universitas 'Aisyiyah Yogyakarta	Innovation	Agriculture & Aquaculture (AA)
103	121	International	Resti Sintya Sari	Dewi Pudji Rahayu, S.E., M.Sj, Atsna Virayani Yusrly Widarey	Mojak And Artajak : Media Models Tax Awareness Inclusion For Young Generation	University of Muhammadiyah PROF. DR. HAMKA	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
104	122	Sekolah	Puguniesh A/L Kumar Raja	Aruna A/P Nadarajan, Kishanthini A/P Saylvam, Umakirthigeshvaran A/L Umasankar, Jaeshhan Saravanan, Kavitha A/P Rajah	Delectable Homemade Corncob Cookies	SMK Ulu Tiram	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPPS)
105	123	Sekolah	Mr. Muhammad Izzuddin Syamil Bin Othman	Mr. Muhammad Izzuddin Syamil Bin Othman, Prof. Madya Dr. Rozlin Binti Zainal, Prof. Madya Ts. Dr. Narimah Binti Kasim, Ts. Dr. Mohd Hilmi Izwan Bin Abd Rahim	Lean Construction Relationship Model : Empower Project Management	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
106	124	Sekolah	Siti 'Afiat Binti Jalil	Ammar Muhammad Bin Mohamad Azrin, Nurzawani Binti Mohd. Rodzi	Multi Use Fast Respond Kit (M. F. R Kit)	Kolej Vokasional Langkawi	Innovation	Tourism, Travel & Tours (TTT)
107	125	Sekolah	Raihani Binti Manap	Alyaa Binti Azhar, Maizatul Farisha Binti Aziron, Ts. Nur Hanim Binti Othman	RE- Multifunc JELLY JAM	Kolej Komuniti Jelebu	Innovation	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
108	126	Sekolah	Muhammad Aliff Firdaus Bin Azman	Ahmad Muhsin Bin Nor Firdaus, Ts. Nur Hanim Binti Othman	RE- Multifunc SAUCE	Kolej Komuniti Jelebu	Innovation	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
109	127	Student UTHM	Ms.Ruthrashini Vijiyabaskar	Ms.Ruthrashini Vijiyabaskar, Ms.Nissalineey Manirajah, Ms.Praveena Vadiwalu	Grape Seed Natural Neutralizator Chlorine	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
110	128	Student UTHM	Muhammad Irshad Bin Ishak	Muhammad Azrul Azib Bin Fakhru Arifin, Dr. Nur Ziadah Binti Harun	Trusted Transcript Management System Using Blockchain	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
111	129	Student UTHM	Ang Yong Yi	Ang Yong Yi, Dr Norhalina Binti Senan, Mohd Asrul Bin Nasirudin, Prof Ts Dr Mohd Farhan Bin Md Fudzee	Mobile Educational Application on Learning Electric Circuit for Primary School Using Augmented Reality	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
112	130	Student UTHM	Mr. Muhammad Najmi Bin Huzaidi	Mr. Muhammad Najmi Bin Huzaidi, Mr. Mohamad Najib Bin Mohamad Nazri, Assoc. Prof. Ts. Dr. Aini Nazura Paimin, Mr. Hafizh Shazwan Bin Nasip, Mr. Muhammad Akmal Hakim Bin Fadil	Electric Furnace for Aluminium Waste Management	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
113	131	Student UTHM	Mr. Pathmahn A/L Murali	Muhammad Atif Bin Mohd Fadzil, Dr. Nur Ziadah Binti Harun	Ddos Detection Tool Using Artificial Neural Network For Homelab	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)

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114	132	Student UTHM	Ms. Ilyia Izzati Binti Jamal	Prof. Madya Ts. Dr. Noraini Binti Marsi, Ms. Izzah Aqilah Binti Ariffin, Mr. Msivanandhan A/L Subramaniam	Deck Panel Of Rice Husk Blended Pet (Rh/Pet) Polymer Composites	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
115	133	Student UTHM	Izzah Aqilah Binti Ariffin	Prof. Madya Ts. Dr. Noraini Binti Marsi, Ilyia Izzati Binti Jamal, Mathivaanan A/L Sukumaran	BP/CS BIO-BAG	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
116	134	Student UTHM	Dahiru Abdulmuhsin Ibrahim	Dr. Nordiana Binti Rahim	Online Examination System For Abubakar Siddiq Community School With Multi-Factor Authentication.	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
117	135	Student UTHM	Wan Farah Nur Iwani Binti Wan Ikeramzamani	Ts. Ahmad Anwar Safwan Bin Sidek	"Modular Joint Using 3D Printer for Compact House in Klang Valley Area"	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
118	136	Student UTHM	Dr Rabatul Aduni Binti Sulaiman	Prof. Dr. Abd Samad Bin Hasan Basari, Syamir Thaqif Bin Saifunnizam	Core Assets Identification System For Software Product Line	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
119	137	Student UTHM	DR Rabatul Aduni Binti Sulaiman	Prof. Dr. Abd Samad Bin Hasan Basari, Syamir Thaqif Bin Saifunnizam	Software Product Tool Using Smart Home Security System For Housing In Eco-Tropics As Case Study	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
120	138	Student UTHM	Airil Azman Kamarul Zaman	Airil Azman Kamarul Zaman, Ahmad Saiful Nizam Asmizam, Deniel Najmuddin Norhaizat, Hii Jia Ying, Dr. Noorul Hudai Abdullah	Phosphorus Removal From Water Using Calcined Waste Chicken Eggshells With Different Masses: Kinetic And Isotherm Studies	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
121	139	Student UTHM	Muhamad Amir Syahmi Sophian	Muhamad Amir Syahmi Sophian, Muhammad Amir Firdaus Abd Rashid, Akmal Danial Mohd Faizal, Dr. Noorul Hudai Abdullah, Lyzshapierra Lamban Siaw	Removal Of Phosphorus From Water Onto Marsh Clam Shell To Predict Contour For Removal Efficiency And Mass Of Adsorbent	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
122	140	Student UTHM	Muhammad Habil Izuddin Norhisham	Muhammad Habil Izuddin Norhisham, Wazif Hilmi Ahmad Nizam, Nur Audrizety Husaimi, Noorul Hudai Abdullah, Nur Atikah Abdul Salim	Phosphorus Removal From Aqueous Solution With Different Mass Of Ore Waste Adsorbent From Johor Mine Site	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
123	141	Student UTHM	Michelle Law Yaping	Michelle Law Yaping, Lyzshapierra Lamban Siaw, Hii Jia Ying, Noorul Hudai Abdullah, Norzainariah Abu Hassan	Raw Duck Eggshells As Nitrate (No3-) Remover Onto Groundwater Using Different Mass Of Adsorbents: Kinetic And Isotherm Studies	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
124	142	Student UTHM	Muhamad Nurhafizuddin Nadzmi	Muhamad Nurhafizuddin Nadzmi	The Improvement Of Obstacle Detection System For Rolling Stock	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
125	143	Student UTHM	Muhammad Amirul Farhan bin Mohd Fauzilan	Nur Syamimi binti Md Khairi, Azyan Izzati binti Amran, Nur Syazwani binti Md Hamdan, Nur Amni binti Mohd Razali	Development Of Smart Waste Bin With Segregation System Prototype	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
126	144	Student UTHM	Er Wang Xing	Norfaradilla Wahid, Sufiah Zaharah Mohd Hafiz	MyPTJobs: Design and Development of A Part-time Job Android Mobile Application	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
127	145	Student UTHM	Ms Fadilah Daud	Ms Fadilah Daud, Dr Norfaradilla Wahid	Streamlining Disaster and Incident Reporting using MyAssist: A Prototype	Universiti Tun Hussein Onn Malaysia	Innovation	Disaster Management (DM)
128	146	Student UTHM	Juliana abd ghani	Juliana abd ghani	Factors influencing corrosion of underground metal pipe in red clay soil	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
129	147	Student UTHM	Dzul Idham Bin Nasri	Assoc. Prof. Dr. Ir. Nur Hanis binti Mohammad Radzi, Ts. Muhammad Nafis bin Ismail, Dr. Suriana binti Salimin, Assoc. Prof. Ts. Dr. Mohd. Noor bin Abdullah	Portable Filtration With Solar Photovoltaic-Powered IoT-Based Water Quality Monitoring System For Aquaponics	Universiti Tun Hussein Onn Malaysia	Innovation	Agriculture & Aquaculture (AA)
130	148	Student UTHM	Wan Muhammad Idham Wan Mahdi	Prof. Dr. Wan Fauziah Wan Yusoff	Inclusive Business Model Framework - Sustainable Community Growth Powered by Company Initiatives	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
131	149	Student UTHM	Adlina Farahiyah Binti Abdul Manap	Dr. Sabariah Binti Ani	Integration of Project-based Learning in Producing Quality Valuation Reports in Accordance to Malaysian Valuation Standard 6th edition	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
132	150	Student UTHM	abang muhamad zaid bin abang zulkarnaini	natasha amira binti abdul rauf, ts sharifah binti saon, PROF. MADYA IR. DR. ABD KADIR BIN MAHAMAD	Malaysian food recognition and calories estimation using cnn with tensorflow	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)

ID	NO SURAT	Type of Participant	Presenter Name (Full Name with Salutation)	Project Members	Title of Project	Organization	Category of Participation	Cluster of Participation
133	151	Student UTHM	Izrulfizal Saufihimizal bin Ibrahim	Izrulfizal Saufihimizal bin Ibrahim, Prof. Ts. Dr. Rosziati binti Ibrahim, Ts. Dr. Mazidah binti Mat Rejab	Enhancing Black Hole Algorithm For Test Suite Size Reduction Using Combinatorial Testing And T-Way Strategy	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
134	152	Student UTHM	Ahmad Faid Imran Bin Nasri	Ahmad Faid Imran Bin Nasri, Ts Dr Farahiyah Binti Mustafa, Dr Nor Aira Binti Zambrl, Muhammad Amirul Amin Bin Ibrahim, Mohammad Aiman Arif Bin Abu Bakar	Electrifying Bananas: The Energy Potential of Banana Peel Waste in a Dual-Chamber Microbial Fuel Cells	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
135	153	Student UTHM	Ahmad Aiman Bin Abd Muttalib	Dr Herdawatie Binti Abdul Kadir, Dr Khalid Bin Isa, Dr Radzi Bin Ambar	Waterfall alarm system for headwater phenomena	Universiti Tun Hussein Onn Malaysia	Innovation	Disaster Management (DM)
136	154	Student UTHM	Ts. Masrullehsan Bin Mamat	Ts. Dr. Mazidah Binti Mat Rejab, Prof. Ts. Dr. Rosziati Binti Ibrahim, Prof. Ts. Dr. Kamal Zuhairi Bin Zamli, Prof. Madya Ts. Dr. Hairulnizam Bin Mahdin	Hcv-Sca : Hybrid Sca With Cluster Voting For Combinatorial Testing	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
137	155	Student UTHM	Mr. Zolhafizi Bin Jaidi	Mr Zolhafizi Bin Jaidi, Ts. Dr. Mohd Azham Bin Azmi, Mr. Ahmad Fathan Bin Ahmad Fadzulli, Mrs. Vianney Sierra Pidang Peterus	"Eco-Friendly Silica Breakthrough: Unleashing Green Silica Synthesis Innovation Toward Enhancing Sintering Process"	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
138	156	Student UTHM	Mr. Mohammad Luqman Hakim Bin Mustapha	Mohammad Luqman Hakim Bin Mustapha, Dr. Salwa Binti Mahmood, Dr. Helmy Bin Mustafa El Bakri, Ismail Bin Abdul Rahman, Mohd Fahmi Bin Badulrudin	Firefighter Ergo-Hose Roller	Universiti Tun Hussein Onn Malaysia	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
139	157	Student UTHM	Fatimah Bt Ahmad	Dr Mohd Hisyam Bin Abdul Rahim	Spinning Test	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
140	158	Student UTHM	Mr Mohd Wafiy Bin Zaini	Dr Abu Ubaidah Bin Shamsudin	Self-Balancing Motorcycle Using Pid	Universiti Tun Hussein Onn Malaysia	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
141	159	Student UTHM	Lim Kai Ru	Cheong Moon Yi, Ts. Dr. Shuhaida Binti Ismail	Linguistic Insights: Analyzing Multilingual E-Wallet Reviews for User Satisfaction Prediction	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
142	160	Student UTHM	Muhammad Afiq Bin Ariffin	Muhammad Afiq Bin Ariffin, Ts Dr Mazidah Binti Mat Rejab, Prof. Ts. Dr. Rosziati Binti Ibrahim, Ts. Inv. Dr. Shelena A/P Soosay Nathan, Dr. Che Samihah Binti Che Dalim	Embedded Fuzzy Rat Swarm Optimizer For Combinatorial Test Suite Prioritization	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
143	161	Student UTHM	Ms. Nur Hazirah Binti Kamaruzaman	Mrs. Nur Nabilah Bt Mohd Noor, Prof. Madya Ts. Chm. Dr. Radin Maya Saphira Binti Radin Mohamed	NanoZinc Powder	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
144	162	Student UTHM	Ts. Erwan Muhammed Ma'asus	Ts. Erwan Muhammed Ma'asus	Noise Mitigation On Kelana Jaya Line Through Development of On-Board Rail Lubrication System	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
145	163	Student UTHM	Muhammad Faiz Bin Razali	Muhammad Faiz Bin Razali, Associate Professor Ts Dr Noor Akhmazillah Binti Mohd Fauzi, Associate Professor Dr Balkis Binti Hj A Talip, Dr Alifdhalino Bin Sulaiman (Upm), Associate Professor Dr Noranizan Binti Mohd Adzahan (Upm)	Nanoemulsion of High-pressure processed Kelulut honey incorporated with Phyllanthus niruri extract for Wound Healing Application	Universiti Tun Hussein Onn Malaysia	Innovation	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
146	164	Student UTHM	Nurul Adila Binti Mohd Ali	Dr. Adi Syahid Bin Mohd Ali, Naqibah Binti Azman, Ahmad Hazly Bin Ahmad Zainuddin, Alif Qusyairi Bin Abd Razak, Muhamad Faris Bin Mohd Hisam	Mak Janda Johor	Universiti Tun Hussein Onn Malaysia	Commercialization	Education, community Development & Social Innovation (ECDSI)
147	165	Student UTHM	Nur Syabila Binti Zabidi	Nur Syabila Binti Zabidi, Dr. Noraini Binti Ibrahim, Ts. Dr. Mazidah Binti Mat Rejab, Prof. Madya. Ts. Dr. Hairulnizam Bin Mahdin, Ts. Dr. Suzyanti Binti Marjudi	A Fuzzy Adaptive Sine Cosine Algorithm Optimization Strategy for Generating Mixed Strength T-Way Test Suites	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
148	166	Student UTHM	Dr. Noryusliza binti Abdullah	Tee Ee Kee, Dr. Noryusliza Abdullah, PM Dr. Isredza Rahmi Abd. Hamid	Clinic Management System	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
149	167	Student UTHM	Dr. Noryusliza binti Abdullah	Kuan Jiun Ying, Dr. Noryusliza Abdullah, Dr. Salama A. Mostafa	Ems: E-Merchant System	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
150	168	Student UTHM	Mr. Mohd Syahir Anwar Bin Hamzah	Mr. Mohd Syahir Anwar Bin Hamzah, Dr. Nadirul Hasraf Bin Mat Nayan, Dr. Norhana Binti Jusoh	Development Of Drug-In Adhesive Bi-Layer Membrane Using Electrospun-Hydrogel Composite For Tissue Regeneration Application	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
151	169	Student UTHM	Dr. Noryusliza binti Abdullah	Tee Han Boon, Dr. Noryusliza Abdullah, PM. Dr. Aida Mustapha	Prelove.UTHM: Second-Hand Items Platform For Uthm Community	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)

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152	170	Student UTHM	Ong Kai Sian	Yap Yoke Kei, Liew Chui Yi, Khoo Yi Zhe, Yim Pei Chen	Fort Cornwallis History Education Virtual Walkthrough	Universiti Tun Hussein Onn Malaysia	Innovation	Tourism, Travel & Tours (TTT)
153	171	Student UTHM	Khoo Yi Zhe	Madam Suriawati Binti Suparjoh, Dr. Norhalina Binti Senan	Enhancing Usability in Volleyball Learning with Mobile Augmented Reality Approach	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
154	172	Student UTHM	Miss Wan Noor Afifah Binti Wan Ahmad	Assoc. Prof. Ts. Dr. Suliadi Firdaus Bin Sufahani	Hybrid Shooting Through SAPGR-Algorithm For Royalty Payment Evolution	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
155	173	Student UTHM	Muhammad Radzman Hakim Bin Md Taufik	Muhammad Radzman Hakim Bin Md Taufek, Muhammad 'Iffat Syahmi Bin Saron, Mohd Rasidi Ibrahim	Design Innovation Of Wing In Ground Waepon For Defending Coastal Malaysia Territory	Universiti Tun Hussein Onn Malaysia		
156	174	Student UTHM	Ts. Khairol Bin Kamaruddin	Prof. Sr. Ts. Dr. Lokman Hakim Bin Ismail, Mr. Naimuddin Bin Abdullah	KenaTech EcoBrick: Sustainable Brick From Agro and Industrial Waste By-Product with Added Bio-Adhesive	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
157	175	Student UTHM	Nurul Iffah Syazwani Mat Nassir		Automatic Cooling Fan System For Electronic Baby Strtoller	Universiti Tun Hussein Onn Malaysia		
158	176	Student UTHM	Elly Shahira Binti Mat Sidik	Eng Wei Hang, Teo Wen Lin, Gokkul Pillay A/L V Tamilvanen	Paddy Field Monitoring System	Universiti Tun Hussein Onn Malaysia	Innovation	Agriculture & Aquaculture (AA)
159	177	Student UTHM	Ms Nuraqilla Waidha Bintang Grendis	Ts Dr Marlina Mohamad	Monopoly Pharmacology	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
160	178	Student UTHM	Nurul Atikah Binti Heshammuddin	Aida Baizura Binti Baharim	B-Pad (Banana-Powered Antibiotic Detox)	Universiti Tun Hussein Onn Malaysia	Commercialization	Environment & Renewable Energy (ERE)
161	179	Student UTHM	Muhammad Zuhairi Bin Abdul Jalil	Maxtone Andres, Muhammad Fahmi Bin Pakri, Zarul Ikmal Fahmi Bin Ahmad Firdaus, Ts. Dr. Nizamuddin Bin Razali	Split Unit Sanitization System V2 (SUSS 2.0) Based On Internet Of Things (IoT)	Universiti Tun Hussein Onn Malaysia	Innovation	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
162	180	Student UTHM	Rozainita Rosley	Posharani A/P Saravanan, Sharrmitah A/P Saravanakumar, Janani A/P K Yokesvaran, Kang Siew Yi, Muhammad Hamirul Hazrin Bin Mohd Rasid	Production of Hydroxyapatite (HAP) Recovery From Seashell Waste for Biomedical Applications	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
163	181	Student UTHM	Dr Sonia	Dr Noor Aslinda Binti Abu Seman, Zahoor Ur Rehman, Dr Sonia	Designing A Conceptual Framework Of Consumer Purchasing Intention Toward Green Product	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
164	182	Student UTHM	Mr. Mohammed Nasser Ali Al-Sahari	Mohammed Nasser Ali Al-Sahari, Nur Diyana Binti Hairuddin, Prof. Madya Ts. Chm. Dr. Radin Maya Saphira Binti Radin Mohamed, Prof. Madya Ts. Dr. Rafidah Binti Hamdan	Microbial Fuel Cells system (MFCs)	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
165	183	Student UTHM	Aini Khalida Binti Muslim	Associate Professor Dr. Amran Bin Harun	Exploring The Concepts Of Muslim Friendly Tourism	Universiti Tun Hussein Onn Malaysia	Fundamental	Tourism, Travel & Tours (TTT)
166	184	Student UTHM	Muhammad Dzikri Bin Kahlid	Assoc. Prof. Sr. Ts. Dr. Mustaffa Anjang Ahmad, Muhammad Hazmi Bin Hamdan, Abdul 'Aziz Ahmad Kamal, Susmitha A/P Rajamani	3D Model of Tunku Tun Aminah Library Using Unmanned Aerial Vehicle (UAV)	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
167	185	Student UTHM	Akmal Hakim Bin Asha'ari	Yusmarwati Yusof, Rohayu Roddin, Marina Ibrahim Mukhtar, Halizah Awang, Muhammad Asyraf Zain	Framework Of Technology Acceptance Of Mobile Learning Towards Home Based Education In Rural Schools	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
168	186	Student UTHM	Naqibah Azman	Dr. Lutfan Jaes, Dr. Norizan Rameli, Ijoo Lee, Chia-Wei (Julia) Lin, Jamie Allyson C. Decena	YOJA-BACK : Potential-Based Employment Business Model	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
169	187	Student UTHM	Muhamad Nurhafizuddin Nadzmi Bin Mohamad Azmi	Muhamad Nurhafizuddin Nadzmi Bin Mohamad Azmi	The Improvement Of Obstacle Detection System Of Rolling Stock	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
170	188	Student UTHM	En. Muhammad Ammar Shafie Bin Mohd Shahrom	Dr. Nurezayana Binti Zainal & Dr. Mohamad Firdaus Bin Ab. Aziz	Development Of Enhanced Glowworm Swarm Optimization For Optimizing Surface Roughness In The Edm Process	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)

ID	NO SURAT	Type of Participant	Presenter Name (Full Name with Salutation)	Project Members	Title of Project	Organization	Category of Participation	Cluster of Participation
171	189	Student UTHM	Shahnaz Pirzada	Ts. Dr. Nurul Hidayah binti Ab Rahman	Forensics Analysis and Visualization Framework with Exploratory Data Analysis Approach	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
172	190	Student UTHM	Mr Mohd Sharil Salleh	Mr Mohd Sharil Salleh, Ts. Dr. Khalid Isa, Assoc. Prof. Dr. Fakhrol Ridzuan Hashim, Prof. Ir. Dr. Mohammed Alias Yusof, Colonel Prof. Dr. Khairul Amali Ahmad (Rtd)	Prediction Model Using Neural Network For Military Plastic Explosive Pe4 Blast Performance In Tropical Environment	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
173	191	Student UTHM	Jeffry Bin Jamil	Eliza M. Yusup, Nurul Auni Afrina Mohd Afandi, Shahzureza Saiful, Afiq Azni Ahmad Zainuddin	Advanced Multi-Element 2d Matrix Array Ultrasonic Transducer Camera System For Assessing Defects In Materials	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
174	192	Student UTHM	Syakirah binti Roslan	Dr. Hafizah Binti Zulkippli, Dr. Muhammad Ammar bin Shafi, Dr. Shahrul Nizam bin Salahudin, Dr. Juzaimi bin Nasuredin	PerishablePro: Integrated Perishable Food Supply Chain Management	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
175	193	Student UTHM	Ahmad Hanis Bin Azman	Ahmad Hanis Bin Azman, Ts. Rosnee Binti Ahad, Prof. Madya Ts. Dr. Lee Ming Foong, Prof. Madya Dr. Mohamad Zaid Bin Mustafa, Mohd Farhan Bin Daud	High School Students' Stress Management Learning Based On Signal Electroencephalogram (Eeg)	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
176	194	Student UTHM	Muhammad Ridhuan Bin Hassan	Dr. Kamarul-Azhar Bin Kamarudin, Mithun Mondal, Prof. Madya Ts Dr. Azlan Binti Hariri	Solar Powered Exhaust Turbine Ventilator	Universiti Tun Hussein Onn Malaysia	Innovation	Rural Innovation (RI)
177	195	Student UTHM	Ms Aliya Syaffa Binti Zakaria	Dr Muhammad Ammar Bin Shafi, Prof Ts Dr Alina Binti Shamsuddin, Ms Zulfana Lidinillah, Dr Hafizah Binti Zulkippli, Dr Nor Kamariah Binti Kamaruddin	The Uses of Fuzzy Artificial Intelligence Technology in Predicting High Risk Symptoms of Lung Cancer in Malaysia	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
178	196	Student UTHM	Muhamad Wafi Bin Abdul Aziz	Dr. Muhammad Faiz Bin Ramli	Monocular Camera Free Region Detection Method of Obstacle Avoidance for Micro - Sized UAV	Universiti Tun Hussein Onn Malaysia	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
179	197	Student UTHM	Ms. Alisa binti Shamshul Afendi	Ms. Hema Varssini a/p Segar, Dr. Shuhaida Ismail, Ms. Nor Hanani binti Zakaria, Ms. Alia Aina Syafika binti Abdul Rahim Ponniah	Urban Inundation: A System of Contrasting Perception in Artificial Intelligence	Universiti Tun Hussein Onn Malaysia	Fundamental	Disaster Management (DM)
180	198	Student UTHM	Nur Afiqah Binti Abdul Rahim	Nur Afiqah Binti Abdul Rahim, Han Seow Hui, Puteri Natasha Sofia Binti Zulkafli, Ts. Dr. Shuhaida Binti Ismail	Hydrological Value Analysis Using Hybrid Neural Network Algorithm	Universiti Tun Hussein Onn Malaysia	Fundamental	Disaster Management (DM)
181	199	Student UTHM	Tan Chee Yong	Chai Jie Yie, Ts. Dr. Shuhaida Binti Ismail, Aida Nabilah Sadon	Flood and Water Level Prediction using Model Simulations	Universiti Tun Hussein Onn Malaysia	Fundamental	Disaster Management (DM)
182	200	Student UTHM	Ain Zubaidah binti Samian	Ts. Dr. Aslinda binti Saleh	In-Situ Casting for Direct Recycling Of Aluminium Alloy Machining Waste: A New Alternative For Transforming Waste Into Product	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
183	201	Student UTHM	Mr. Iman Fitri bin Ismail	Ts. Dr. Mohd Fadhli bin Zulkafli, Mr. Mohammad Fahmi bin Pairan	The Fixed Wing VTOL UAV for Long Range Parcel Delivery	Universiti Tun Hussein Onn Malaysia	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
184	202	Student UTHM	Mr. Mohammad Fahmi Bin Pairan	Ts. Dr.Syariful Syafiq Bin Shamsudin, Dr. Mohd Fauzi Bin Yaakub	HIL Flight Simulator for VTOL-UAV Control Assessment and Design	Universiti Tun Hussein Onn Malaysia	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
185	203	Student UTHM	Mr. Mohammad Arafat	Mr. Mohammad Arafat, Ts. Dr. Izuan Amin bin Ishak, Pn Dalila binti Mohd Harun, Dr. Nor Afzanizam bin Samiran, Mr. Mohd Fuad bin Yasak	Improving Train Safety under crosswind: A Fundamental Safety Guidelines	Universiti Tun Hussein Onn Malaysia	Fundamental	Disaster Management (DM)
186	204	Student UTHM	Allyssa Amanda Anak Jihill	Dr Mohd Faisal Bin Hushim, Dr Rais Hanizam Bin Madon, Mr Mohamed Ihsan Sabri Bin Mohamed Nazar, Mr Muhammad Hanif Bin Ismail, Mr Mohammad Khidir Bin Mohd Sharif	FILPAS: Filtration System with Pasteurization Phase for Dual Production of Beverage and Paste from Gemuggal Leaves as Nutrient Supplement	Universiti Tun Hussein Onn Malaysia	Innovation	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
187	205	Student UTHM	Nur Najihah Musa	Nur Najihah Musa, Siti Amira Othman, Engku Noradila Zulaika Engku Razali dan Muhammad Adam Akmal Azuan.	"Unveiling The Analgesics Elements: Analyzing Analgesics Through Analytical Techniques For Medical Advancement"	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
188	206	Student UTHM	Syahrizan Bin Azlan	Mohamad Shah Rizan, Syahrizan Bin Azlan, Dr. Helmy Bin Mustafa El Bakri, Dr. Salwa Binti Mahmood	Preliminary Safety Helmet Fit Assessment Using 3d Scanning And Helmet Fit Index (Hfi)	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
189	207	Student UTHM	Ms. Ainaa Mardiah Binti Sabri	Ts. Dr. Norfazillah Binti Talib , Dr. Amiril Sahab Bin Abdul Sani, Ms. Zubaidah Binti Zamri	Activated Carbon From Calophyllum Inophyllum's Shell As Green Nano Additives For Bio-Based Metalworking Fluids	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)

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190	208	Student UTHM	Aizathul Hani Binti Abd Hamid	Muhammad Rafsanjani Zainal, Profesor Madya Dr. Khairol Anuar Bin Kamri	Humanities Values Assessment Profile	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
191	209	Student UTHM	Ong Kai Sian	Puan Suriawati Binti Suparjoh, Encik Muhammad Fakri Bin Othman	"Pledge for Life - Digitalising organ donation application from manual to mobile platform"	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
192	210	Student UTHM	Heng Jia Yun	Gs. Dr. Edie Ezwan bin Mohd Safian, Gs. Dr. Burhaida binti Haji Burhan	A Conceptual Framework Of Spatial Effects Of The Purpose-Built Office (Pbo) Rental Using Analytic Network Process And Geographic Information System (Anp-Gis) Integration Towards Business Sustainability In Malaysia	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
193	211	Student UTHM	Khoo Wen Bin	Ruhaya Ab. Aziz	CARE Visitor Management System	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
194	212	Student UTHM	Nik Adlina Binti Nik Rusli	Nik Adlina Binti Nik Rusli, Dr. Afishah Binti Alias	Smart Weighbridge for Integrated Electronic Docket Quarry Monitoring and Management System	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
195	213	Student UTHM	En. Mohamad Saddam Bin Kamarudin	Mohamad Saddam Bin Kamarudin, Ts. Dr. Ishkrizat Bin Taib, Ts. Dr. Ahmad Mubarak Bin Tajul Arifin, Nur Amani Hanis Binti Roseman, Muhammad Ridha Bin Abdul Rahman	Heat Propagation Into Malignant Breast Tumour In Hyperthermia Treatment	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
196	214	Student UTHM	Farah Nur Dini Ahmad Sha'rainon	Farhany Izzaty Ab Hadi, Dr. Noradila Abdul Latif, Associate Professor Dr. Sharifah Adzila Syed Abu Bakar	Characteristics And Preliminary Study Of Ceramic Concretes	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
197	215	Student UTHM	Siti Khairizah Binti Mohmed	Dr. Nor Shela Binti Saleh, Prof. Madya Dr. Khairunesa Binti Isa	Instrumen Kebolehpasaran Mahasiswa Teknikal (Aplikasi Industri & Institusi)	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
198	216	Student UTHM	Siti 'Afiat Binti Jalil	Siti 'Afiat Jalil, Shamnor Syaza Dania Badrol Hisham, Ts. Dr. Rohayu Roddin, Ts. Dr. Zurina Binti Yasak, dan Prof. Madya Ts. Dr. Fazlinda Binti Ab Halim.	Model Transformasi Sosioekonomi dalam Pelancongan Orang Asli (Pro-miskin) di Malaysia	Universiti Tun Hussein Onn Malaysia	Fundamental	Tourism, Travel & Tours (TTTT)
199	217	Student UTHM	Ms. Siti Nurafiqah Binti Mohd Samshul	Ms. Siti Nurafiqah Binti Mohd Samshul, Dr. Mohd Zulfadli Bin Rozali	Theoretical Model of Digitization of Education based on Psychological Well-Being (PWB)	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
200	218	Student UTHM	Ts Mat Tawi Yaacob	Gs Dr Edie Ezwan Mohd Safian, Gs Dr Burhaida Burhan, Assoc Prof Dr Mohd Lizam Mohd Diah, Dr Norhadlihan Abdul Hamid, Mdm Siti Norziah Ismail	Community-University Engagement Index (Cue-I) Using Anp-Fm Integration For Rethinking Community Reciprocal Benefits Towards Progressive Community Development.	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
201	219	Student UTHM	Ts Mat Tawi Yaacob	Prof Sr Dr Wan Zahari Wan Yusoff, Dato' Sr Dr Mohd Mazlan Che Mat, Gs Dr Edie Ezwan Mohd Safian	Mitigating The Impact Of Design Decision On Building Maintainability Through Fm-Vm Framework As Knowledge Transfer Mechanism	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
202	220	Student UTHM	Ms. Nur Amani Hanis Roseman	Ms. Nur Amani Hanis Roseman, Ts. Dr. Ishkrizat Taib, Dr. Nofrizaldiris Darlis, Ts. Dr. Ahmad Mubarak Tajul Arifin, Mr. Mohamad Saddam Kamarudin	Hemodynamic Analysis of Blood Flow at Different Bifurcated Carotid Artery Morphologies.	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
203	221	Student UTHM	Mohamad Hafiz Bin Abu Bakar	Mohamad Hafiz Bin Abu Bakar, Dr. Abu Ubaidah Bin Shamsudin, Dr. Hisyam Bin Abdul Rahman, Ts. Dr. Ahmad Fateh Bin Mohamad Nor	Soft Actor Critic Deep Reinforcement Learning For The Mobile Robot Navigation	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
204	222	Student UTHM	Engku Noradila Zulaika Engku Razali	Engku Noradila Zulaika Engku Razali, Siti Amira Othman, Nur Najihah Musa and Muhammad Adam Akmal Azuan	Future of Curcuma Longa	Universiti Tun Hussein Onn Malaysia	Fundamental	Agriculture & Aquaculture (AA)
205	223	Student UTHM	Mr. Mohd Sahrul Syukri Yahya	Gs. Dr. Edie Ezwan Mohd Safian, Gs. Dr. Burhaida Burhan	A Web- Based Geographic Information System (GIS) Platform For Sustainable Urban Transportation Planning	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
206	224	Student UTHM	Deniswaran A/L Mahandran	Ts. Dr. Norpadzlihatun Binti Manap, Sr. Dr. Noralfishah Binti Sulaiman, Jasmine Lye Loke Hong	Building Information Modelling in Construction Challenges of Facilities Management in Malaysia and its Technology Conciliation	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
207	225	Student UTHM	Cempaka Amalin Binti Mahadzir	Ts. Dr. Ahmad Fateh Bin Mohamad Nor, Assoc. Prof. Ts. Dr. Siti Amely Binti Jumaat, Mrs. Nik Nir Faiqah Binti Tamin, Ms. Noor Syahirah Binti Ahmad Safawi	Enhancing Photovoltaic Power Prediction Accuracy Using Real-Data-Trained Artificial Neural Network (Ann)	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
208	226	Student UTHM	Yui Chee Xuan	Dr. Rosmamalmi Mat Nawi, Prof. Madya Ts. Dr. Hairulnizam Mahdin, Dr. Norfaradilla Wahid, Dr. Noryusliza Abdullah.	A Cross-Domain Linked Open Data-Enabled to Alleviate Data Sparsity Issues in Collaborative Group Recommender System	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)

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209	227	Student UTHM	Nur Aqilah Nadhirah Binti Mohd Jais	Ain Najwa Bint Osman, Intan Syazwani Binti Marzuki	The "Defibrillator" Of The City (Micro- Mobility Transportation Hub)	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
210	228	Student UTHM	Mr. Ahmad Aizat Putra Bin Sulaiman	Mr. Ahmad Aizat Putra Bin Sulaiman, Dr. Mohd Hafizal bin Hanipah, Ts. Dr. Ishkrizat Bin Taib, Mr. Muhammad Hazimuddin Bin Halif	Enhancement of Prediction for Door Flood Barrier using CFD modelling	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
211	229	Student UTHM	Murni Farahin Binti Mahmud	Prof. Madya Ts. Dr. Yee Mei Heong, Prof. Madya Ts. Dr. Mimi Mohaffyza Binti Mohamad, Prof. Madya Dr. Nurulwahida Aziz, Mr. Andika Bagus Nur Rahma Putra	E-Learning Web : Brickwork	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
212	230	Student UTHM	Ms. Nur Hilda Binti Zaidi	Dr. Norhamreza Binti Abdul Hamid	Diploma Programme Selection Guidance System (Dpsgs)	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
213	231	Student UTHM	Ahmad Shawqee Bin Hasan	Ts. Dr. Norliana Binti Sarpin, Prof. Madya Ts. Dr. Roshartini Binti Omar, Prof. Madya Ts. Gs. Dr. Sulzakimin Bin Mohamed	Theoretical Framework of BIM Personnel Competency in Construction Project	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
214	232	Student UTHM	Nur Farahalya Binti Razhail	Nur Farahalya Binti Razhail, Ts Dr Ishkrizat Bin Taib, Ts Dr Ahmad Mubarak Bin Tajul Arifin, Dr Nor Adrian Bin Nor Salim, Ts Dr Nurul Fitriah Binti Nasir	Hemodynamic Effect On Different Stent Strut Configuration In Femoral Popliteal Artery During Physical And Physiological Conditions	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
215	233	Student UTHM	Muhammad Affiq Syukri Bin Arafat	Muhammad Affiq Syukri Bin Arafat, Ts. Dr. Ishkrizat Bin Taib, Dr. Rabiatal Adawiyah Binti Mohamed Anuar, Dr. Norhasikin Binti Ismail, Nor Asyiqin Binti Mohd Amin	Computational Fluid Dynamics Analysis Of Thermal Energy Storage Systems For Efficient Air Conditioning In Malaysia's Tropical Climate	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
216	234	Student UTHM	Nor Hazlin Binti Md Gharip	Ts. Dr Norliana Binti Sarpin, Ts. Dr Roshartini Binti Omar	Framework For Adoption Of Artificial Intelligence In Supporting Facility Management Procurement Process	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
217	235	Student UTHM	Ain Najwa Binti Osman	Nur Aqilah Nadhirah Binti Mohd Jais, Intan Syazwani Binti Marzuki	Unpolluted City	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
218	236	Student UTHM	Intan Syazwani Binti Marzuki (CF210089)	Ain Najwa Binti Osman (AF210062), Nur Aqilah Nadhirah Binti Mohd Jais (AF210034)	Redup Terminal Bus' Proposed The Terminal Bus At Medan Selera Dengkil, Sepang, Selangor.	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
219	237	Student UTHM	Wan Amin Khalili Bin Wan Hashim	Wan Amin Khalili Bin Wan Hashim, Bassam Alaudin Abdulrahim Mahmud, Ir. Dr. Ahmad Hamdan Bin Arifin, Dr Syafiqah Nur Azrie Binti Safri	Development Of Synthetic/Kenaf/Pineapple Fiber Composite For Drone Structure	Universiti Tun Hussein Onn Malaysia	Commercialization	Automobile, Aeronautical & Maritime Technology (AAMT)
220	238	Student UTHM	Ms. Nur' Afifah Binti Yousri	Ms. Nur' Afifah Binti Yousri, Prof. Madya Dr. Nabilah Binti Ibrahim, Ts. Dr. Ishkrizat Bin Taib, Muhammad Riddha Bin Abdul Rahman	CFD Based On The Visualization Of Aortic Valve Mechanism In Aortic Valve Stenosis For Risk Prediction	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
221	239	Student UTHM	Mr Shamsuri Bin Mohamed Rasidi	Dr Normayati Binti Nordin, Mr Muhammad Zahid Firdaus Bin Shariff, Mr Muhammad Riyadthus Sollehan Bin Khairulfuad	Study on the performance of various turning angle of a Curved Diffuser by means of ACFD	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
222	240	Student UTHM	Norathirah Nabila Abd Mutalin	Norathirah Nabila Abd Mutalin, Ezra Labung Murod, Elia Md Zain Reyanealme Rohana, Ts. Dr. Hasyamuddin Othman	Aplikasi "Modul Math Setel" : Penguakuan Kemahiran Penyelesaian Ungkapan Algebra Bagi Pembelajaran Menengah Atas	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
223	241	Student UTHM	Muhammad Yazid Bin Zainal	Nor Azali Bin Azmir	Study on the reduction of noise and improvement of curtain insulation using polyvinylchloride material	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
224	242	Student UTHM	Nur Farisyah Hidayah Binti Zambri	Ms. Nur Farisyah Hidayah Binti Zambri, Mr. Akmal Daniel Nurhakim Bin 'Azman Putera, Ms. Nur Eilyana Izzatie Binti Noor Azman, Mrs. Nur Faezah Binti Yahya, Mrs. Salina Binti Sani	"Rubber French": Enhanced Flow Efficiency With Rubber Composite Backfill	Universiti Tun Hussein Onn Malaysia	Innovation	Rural Innovation (RI)
225	243	Student UTHM	Muhammad Iwan Bin Paiwan	Dr. Sabariah Binti Eni, Desyfitri Amalya Binti Ridwan, Nur Husnina Binti Junaidi, Adlina Farahiyah Binti Abdul Manap	Developing Product-service System (PSS) Concepts for Real Estate and Inheritance Management Business: The Use of Business Model Canvas	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
226	244	Student UTHM	Hendi Saryanto	Prof. Madya Dr. Anika Zafiah Binti Mohd Rus, Dr. Yazid Abdulsameea Mohammed Saif, Nurul Syamimi Binti Mohd Salim	Bio-Based Polymer: Environmental-Friendly Processing System Of Flexible Polymer Foams	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
227	245	Student UTHM	Du Shiqi	Assoc Prof Ts Dr Sulzakimin Mohamed, Assoc Prof Dr Md Asrul Nasid Masrom, Prof Ts Dr Seow Ta Wee, Assoc Prof Ts Dr Goh Kai Chen, Dr Indera Syahrul Mat Radzuan	Index System For Smart Sports Stadium	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)

ID	NO SURAT	Type of Participant	Presenter Name (Full Name with Salutation)	Project Members	Title of Project	Organization	Category of Participation	Cluster of Participation
228	246	Student UTHM	Ms. Siti Nur Afiqah Maulad Zuhairi	Ms. Siti Nur Afiqah Maulad Zuhairi, Assoc. Prof. Dr. Rozlin Zainal, Ts. Sharifah Meryam Shareh Musa, Sr. Zarina Shamsudin	Fis Smart Signal - Tackling Abandoned Housing	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
229	247	Student UTHM	Dwika Ananda Agustina Pertiwi	Dwika Ananda Agustina Pertiwi, Kamilah Bin Ahmad	Applying Machine Learning Model for Loan Default Prediction in Peer-to-Peer (P2P) Lending	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
230	248	Student UTHM	Muhammad Shazmin Bin Sariman	Prof. Madya Dr. Maisara Binti Othman, Dr. Rohaida Binti Mat Akir, Puan Munirah Binti Ab.Rahman, Vignan A/L Ramamurthi	Indoor Navigation System Employing Augmented Reality (INAVAR)	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
231	249	Student UTHM	Nurul Syazwani Binti Zahari	Ts. Dr. Siti Fatimah Binti Sabran, Nurul Syazwani Binti Zahari, Mow Pei Cheng	MelastomaGlow: Anthocyanin-rich powder as natural colorant	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
232	250	Student UTHM	Mr. Muhammad Fathurrahman Bin Mawi	Mr. Muhammad Akmal Bin Abdul Halim, Ms. Ummu Khadijah Binti Abdul Mail, Mr. Muhammad Haziq Bin Zainuden, Ms. Sudarshana Sree Selvam	Development Of Low Altitude Composite Sounding Rocket	Universiti Tun Hussein Onn Malaysia	Innovation	Automobile, Aeronautical & Maritime Technology (AAMT)
233	251	Student UTHM	Ms. Koh Yee Ning	Mr. Lam Heng Loong, Dr. Rohayu Binti Mohd Salleh	Detection of Out-of-Control Signal in Multivariate Process by Creation of Microsoft Excel Template	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
234	252	Student UTHM	Maisarah Binti Mahmud	Dr. Nur Zainatul Nadra Binti Zainol	MYxy : Instrument For Determining Gender Identity Disorder	Universiti Tun Hussein Onn Malaysia	Fundamental	Islamic Innovation (II)
235	253	Student UTHM	Muhammad Anwar bin Azlin	Saiful Anwar bin Juma'at, Amir Aiman bin Khairul Anuar, Muhammad Aidil Eiman bin Ikmal Hisham, Muhammad Danial Afiq bin Ahmad Takhiuddin	Masjid Ubudiah VR Experience	Universiti Tun Hussein Onn Malaysia	Commercialization	Tourism, Travel & Tours (TTT)
236	254	Student UTHM	Mohd Faisal Bin Mahmad	Mohd Faisal Bin Mahmad, Assoc. Prof. Ts. Dr. Yee Mei Heong, Assoc. Prof. Ts. Dr. Tee Tze Kiong, Assoc. Prof. Ts. Dr. Kok Boon Ching, ssoc. Prof. Dr. Nurulwahida Hj. Azid	Hots Mathematics	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
237	255	Student UTHM	Zubair Adil Soomro	Zubair Adil Soomro, Dr Abu Ubaidah Bin Shamsudin	Face Tracking For Human-Robot Interaction Using Long Short-Term Memory (Lstm)	Universiti Tun Hussein Onn Malaysia	Innovation	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
238	256	Student UTHM	Muhammad Zahid Firdaus bin Shariff	Dr. Normayati binti Nordin, Shamsuri bin Mohamed Rasidi	Parametric Study of Passive Flow Device for 90 degree Curved Diffuser	Universiti Tun Hussein Onn Malaysia	Fundamental	Industrial Design, Building Engineering & Architecture (IDBEE)
239	257	Student UTHM	Raja Puteri Nurul Adibah Binti Raja Ahmad	Pm Ts Dr Rosniza Binti Hussin@Isa, Muhammad Adam Bin Bukhori, Prof Zawati Binti Harun, Pm Dr Muhammad Zaini Bin Yunos	Superhydrophobic Modified Kapok Fiber With Zinc Oxide Nanostructured Coating For Oil Separation	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
240	258	Student UTHM	Ts. Rosni Binti Ramle	Ts. Rosni Binti Ramle, PM Ts. Dr. D'oria Islamiah Bin Rosli, Muhammad Hakim bin Borhanuddin, Muhammad Na'im Haikal bin Mohd Salleh, Saiful Shyafuwan Bin Abdullah	Metacognitive Skills Generation Through Inquiry Learning in Code Tracing	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
241	259	Student UTHM	Goh Ai Jing	Dr. Rohayu Binti Mohd Salleh	Analysis on Network Structure of Malaysian Stock Market Across the Uncertain Time of COVID-19 Outbreak	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
242	260	Student UTHM	Mohammad Hazazi bin Hamzah	Siti Farhana Nabila binti Roslan, Aryuni Elissa honti Mohd Azahar, Tang Wei Zhong, Nur Iffah Syafiyah binti Mohd Khalis, Mohamad Azhar bin Sabri	Slide-GRIPPER	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
243	261	Student UTHM	Mr. Wan Ahmad Mustaqim Bin Ahmad Zaki	Assoc. Professor Dr. Maizlinda Izwana Binti Idris, Professor Dr. Hasan Zuhudi Bin Abdullah, Mr. Mohamed Saiful Firdaus Bin Hussin	Alginate Biofilm And Beads Incorporated With Superparamagnetic Iron Oxide (Spsions) For Biomedical Applications	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
244	262	Student UTHM	Dr. Muhamad Helmy bin Sabtu	Dr. Muhamad Helmy bin Sabtu, Dr. Nurul Aimi binti Razali, Dr. Shah Rul Anuar bin Nordin, Dr. Lutfan bin Jaes, Assoc. Prof. Dr. Khairul Azman bin Mohamad Suhaimy	Manhaj Johor: A Framework for State's Political Survivability and Sustainability	Universiti Tun Hussein Onn Malaysia	Fundamental	Education, community Development & Social Innovation (ECDSI)
245	263	Student UTHM	Ling Li Min	Dr Rohayu Mohd Salleh	Classification based on data mining techniques for raw milk quality prediction.	Universiti Tun Hussein Onn Malaysia	Fundamental	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)
246	264	Student UTHM	Ahmad Zaki Bin Mohamad malom	Dr. Intan Farhana Binti Saparuddin, UStazah Shakila Binti Ahmad	Development of an Instrument for Identifying Islamic Religiosity among Converts and its Relationship to Social Support MRSI: Muallaf Religiosity-Social Inventory	Universiti Tun Hussein Onn Malaysia	Fundamental	Islamic Innovation (II)

ID	NO SURAT	Type of Participant	Presenter Name (Full Name with Salutation)	Project Members	Title of Project	Organization	Category of Participation	Cluster of Participation
247	265	Student UTHM	Nurul Syamimi Binti Mohd Salim	Nurul Syamimi Binti Mohd Salim, Assoc. Prof. Dr. Anika Zafiah Binti Mohd Rus, Ts. Dr. Nurulsaidatulsyida Binti Sulong, Ts. Dr. Nik Normunira Binti Mat Hassan, Assoc. Prof. Ts. Dr. Noraini Binti Marzi.	Sustainable Future Alternative Of The Biopolymer Through Plastic (SUS-BPP)	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
248	266	Student UTHM	Muhammad Afiq Imran Bin Abdillah	Prof. Madya Dr. Rozlin Binti Zainal, Ts. Sharifah Meryam Binti Shareh Musa, Dr. Hamidun Bin Mohd Noh	Eko Tiny House	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
249	267	Student UTHM	Ts. Dr. Mazidah binti Rejab	Dr. Syarizul Amri bin Mohd Dzulkifli, Dr. Nurul Asyikin binti Ibrahim, Ibraheem Ali Aeriash, Nur Izzah Batrisua binti Mohd Azhar	i-Care A Web-Based Online Goods Donation Management System	Universiti Tun Hussein Onn Malaysia	Fundamental	Digital Era, Data Analytical & Automation Revolution (DEDAAR)
250	268	Student UTHM	Hanis Hidayah Binti Abdul Malik	Dr Azita Ali, Dr Lutfiah Natrah Abbas, Dr Marlina Mohamad	Development Of Augmented Reality Video Application For Absorption Of Pure Values Based On Story Of Bawang Putih Bawang Merah	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
251	269	Student UTHM	Amin Izwan Bin Farid Ridwan Wong	Prof Madya Dr. Haryati Shafii, Prof. Madya Dr Asrul Nasid Masrom, Prof Dr. Seow Ta Wee, Prof Madya Dr. Azlina Md Yassin, Dr. Norliana Sarpin, Dr. Haidaliza bt. Masram	Konsep Rekabentuk Rumah Bebas Banjir Mampu Milik	Universiti Tun Hussein Onn Malaysia	Innovation	Disaster Management (DM)
252	270	Student UTHM	Honin Ali Yahya Alshaer	Prof.Ir.Ts. Dr. Mohd Irwan Bin Juki, Dr. Abdullah Faisal Alshalif	Effect Of Fungi On Compressive Strength, Water Absorption, And Carbonation Depth In Foam	Universiti Tun Hussein Onn Malaysia	Fundamental	Environment & Renewable Energy (ERE)
253	271	Student UTHM	Ts. Nurul Izzati Mohd Ismail	Muhammad Muaz Junaidi, Rasmyie Nasryie Abdul Rahim, Nurul Izzati Mohd Ismail, Basirah Fauzi	Kinetics and Inhibition of Alpha-amylase by Curcuma caesia for Anti-Hyperglycemic Potential	Universiti Tun Hussein Onn Malaysia	Fundamental	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)
254	272	Student UTHM	Mr. Susharrman	Mr. Susharrman, Mr. Goh Kai Seng, Ms. Kreesanthini Gopalan, Dr. S Kanna Subramaniam	Finite Element Analysis of Prosthetic Sports Feet Design Inspired from Lattice Core Sandwich Structure Construction	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
255	273	Student UTHM	Nur Syahirah Nissa Binti Khamis	Prof. Madya Dr. Rozlin Binti Zainal, Ts. Sharifah Meryam Binti Shareh Musa	Model Keselesaan Terma Kolej Kediaman Kampus Hijau Institusi Pengajian Tinggi	Universiti Tun Hussein Onn Malaysia	Innovation	Environment & Renewable Energy (ERE)
256	274	Student UTHM	Muhammad Fadli Bin Zulkifli	Arunagiri SzeYuan Lam, Siti Rawiah Binti Zulkifli, Nor Azwani Binti Ridzuan	Collar Gps Tracking System Using Lora For Elephant Detection	Universiti Tun Hussein Onn Malaysia	Innovation	Industrial Design, Building Engineering & Architecture (IDBEE)
257	275	Student UTHM	Nurhidayah binti Abdul Hamid	Ts Dr Marlina Mohamad	The BioJourney: Transport Systems in Organisms	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)
258	276	Student UTHM	Abdul Shukor Ashraf Bin Abd Samad	Ts. Dr. Marlina Mohamad, Encik Md Azani Bin Sham	SteerClear-2D Driving School Circuit Experience	Universiti Tun Hussein Onn Malaysia	Innovation	Education, community Development & Social Innovation (ECDSI)

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NO BOOTH	Cluster of Participation	Presenter Name (Full Name with Salutation)	Title of Project	Organization	Category of Participation	Result
001	Agriculture & Aquaculture (AA)	Assoc Prof. Dr. Abd Rahman Ahmad	Creating A Model Collection Centre to Empower Transparency in The Sustainable Palm Oil Value Chain	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
002	Agriculture & Aquaculture (AA)	Muhammed Fuad Ahmed Saif	Plantscare Mobile Apps: Deep Learning for Plant Disease Detection	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
003	Agriculture & Aquaculture (AA)	Ts. Dr. Hazlini Binti Dzinun	Innovative Rabbit Feed Pellet	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
004	Agriculture & Aquaculture (AA)	Chm. Dr. Krishna Veni Veloo	VSOL- Innovative to kit determine ultra trace levels of pesticides in fruits and vegetables.	Universiti Malaysia Kelantan (UMK)	Innovation	GOLD
005	Agriculture & Aquaculture (AA)	Dr Wan Nurhayati Wan Hanafi	Malaysian-Made Kimchi (Fruv)	Universiti Teknologi Mara (UiTM)	Innovation	SILVER
006	Agriculture & Aquaculture (AA)	Ts Dr Mardawani Mohamad	Smartpro: Smart Processing System For Plant Fiber	Universiti Malaysia Kelantan (UMK)	Innovation	GOLD
007	Agriculture & Aquaculture (AA)	Assoc. Prof. ChM. Dr. Siti Efliza Ashari	Oleate Nanoblock: The Use of Oleate Encapsulation for Sun Blocking	Universiti Putra Malaysia (UPM)	Innovation	GOLD
008	Agriculture & Aquaculture (AA)	Assoc. Prof. Dr. Siti Efliza Ashari	Nanotoxicity Study of Wound Hydrogel Prototypes based on formulated Mitragyna speciosa Extract using Zebrafish (Danio rerio)	Universiti Putra Malaysia (UPM)	Fundamental	GOLD
009	Agriculture & Aquaculture (AA)	Aisyah Dayani binti Nazman	Advanced Automated Home Garden (A.H.O.G)	Maktab Rendah Sains MARA Batu Pahat	Commercialization	GOLD
010	Agriculture & Aquaculture (AA)	Sulthan Saiyfullah Muhammad	Nacofert: An Efficient Ecoenzyme Biofertilizer with Nanoparticle Technology, The Solution For Sustainable and Plant Growth Development	Faculty of Science and Technology, Universitas 'Aisyiyah Yogyakarta	Innovation	BRONZE
011	Agriculture & Aquaculture (AA)	Dzul Idham Bin Nasri	Portable Filtration With Solar Photovoltaic-Powered Iot-Based Water Quality Monitoring System For Aquaponics	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
012	Agriculture & Aquaculture (AA)	Elly Shahira Binti Mat Sidik	Paddy Field Monitoring System	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
013	Agriculture & Aquaculture (AA)	Engku Noradila Zulaika Engku Razali	Future of Curcuma Longa	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
014	Automobile, Aeronautical & Maritime Technology (AAMT)	Ts. Dr. Amirul Syafiq Bin Sadun	Process Cycle Time Monitoring System (Ctms) For Line Balancing Studies In Production Lines With Conveyor Systems	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
015	Automobile, Aeronautical & Maritime Technology (AAMT)	Prof. Madya Dr. Nanthini Sridewi A/P Appan	Enhanced Tribological Performance of MoS2 Hybrid Nanoparticles as Nano additives in Diesel Based Engine Oil.	Universiti Pertahanan Nasional Malaysia (UPNM)	Innovation	GOLD
016	Automobile, Aeronautical & Maritime Technology (AAMT)	Yang Yanyong	Electric Vehicle	Zhuhai City Polytechnic	Innovation	TH

017	Automobile, Aeronautical & Maritime Technology (AAMT)	Mr Mohd Wafiy Bin Zaini	Self-Balancing Motorcycle Using Pid	Universiti Tun Hussein Onn Malaysia	Innovation	TH
018	Automobile, Aeronautical & Maritime Technology (AAMT)	Muhamad Wafi Bin Abdul Aziz	Monocular Camera Free Region Detection Method of Obstacle Avoidance for Micro - Sized UAV	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
019	Automobile, Aeronautical & Maritime Technology (AAMT)	Mr. Iman Fitri bin Ismail	The Fixed Wing VTOL UAV for Long Range Parcel Delivery	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
020	Automobile, Aeronautical & Maritime Technology (AAMT)	Mr. Mohammad Fahmi Bin Pairan	HIL Flight Simulator for VTOL-UAV Control Assessment and Design	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
021	Automobile, Aeronautical & Maritime Technology (AAMT)	Wan Amin Khalili Bin Wan Hashim	Development Of Synthetic/Kenaf/Pineapple Fiber Composite For Drone Structure	Universiti Tun Hussein Onn Malaysia	Commercialization	BRONZE
022	Automobile, Aeronautical & Maritime Technology (AAMT)	Mr. Muhammad Fathurrahman Bin Mawi	Development Of Low Altitude Composite Sounding Rocket	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
023	Automobile, Aeronautical & Maritime Technology (AAMT)	Muhammad Radzman Hakim Bin Md Taufik	Design Innovation Of Wing In Ground Waepon For Defending Coastal Malaysia Territory	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
024	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Prof. Madya Sr. Dr. Abdul Jalil Omar	DR. Saham@Intelligent Investor	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
025	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Dr. Ramhuzaini Bin Abd. Rahman	EnergySCADA : UTHM's in-house developed Energy Monitoring System for Excellence Energy Management	Universiti Tun Hussein Onn Malaysia	Commercialization	GOLD
026	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	PM. Dr. Wahyu Mulyo Utoma	Smart Smoke Monitoring Detection System (Smortec) With Esp32 Camera	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
027	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Associate Professor Ts. Gs. Dr. Mohd Johari Mohd Yusof	GLU@U: Malaysia's first digital healthcare SaaS platform for real-time glucose monitoring	Universiti Putra Malaysia (UPM)	Innovation	GOLD
028	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Dr. Touhidul Alam	Polarization Insensitive and Oblique Incident Angle Stable Miniaturized Conformal FSS for 5G mm-Wave band EMI Shielding Applications	Universiti Kebangsaan Malaysia (UKM)	Innovation	GOLD
029	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Dr Parameswari Shunmugam	Revolutionizing Language Learning: The AI-Integrated Virtual English Immersion Experience for Higher Education	Politeknik	Innovation	BRONZE
030	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Encik Muhammad Izzat Farhan Bin Idris	Smart Gps Control And Tracking (IOT)	Kolej Poly-Tech Mara Batu Pahat	Innovation	GOLD
031	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Nur Diyana Binti Baddal	Smart Trolley	Kolej Poly-Tech Mara Batu Pahat	Innovation	BRONZE
032	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Resti Sintya Sari	Mojak And Artajak : Media Models Tax Awareness Inclusion For Young Generation	University of Muhammadiyah PROF. DR. HAMKA	Innovation	GOLD

033	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Mr. Pathmahn A/L Murali	Ddos Detection Tool Using Artificial Neural Network For Homelab	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
034	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Dr Rabatul Aduni Binti Sulaiman	Core Assets Identification System For Software Product Line	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
035	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	DR Rabatul Aduni Binti Sulaiman	Software Product Tool Using Smart Home Security System For Housing In Eco-Tropics As Case Study	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
036	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Er Wang Xing	MyPTJobs: Design and Development of A Part-time Job Android Mobile Application	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
037	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Izrulfizal Saufihamizal bin Ibrahim	Enhancing Black Hole Algorithm For Test Suite Size Reduction Using Combinatorial Testing And T-Way Strategy	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
038	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Ts. Masrulehsan Bin Mamat	Hcv-Sca : Hybrid Sca With Cluster Voting For Combinatorial Testing	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
039	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Lim Kai Ru	Linguistic Insights: Analyzing Multilingual E-Wallet Reviews for User Satisfaction Prediction	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
040	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Muhammad Afiq Bin Ariffin	Embedded Fuzzy Rat Swarm Optimizer For Combinatorial Test Suite Prioritization	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
041	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Nur Syabila Binti Zabidi	A Fuzzy Adaptive Sine Cosine Algorithm Optimization Strategy for Generating Mixed Strength T-Way Test Suites	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
042	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Dr. Noryusliza binti Abdullah	Clinic Management System	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
043	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Miss Wan Noor Afifah Binti Wan Ahmad	Hybrid Shooting Through SAPGR-Algorithm For Royalty Payment Evolution	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
044	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Shahnaz Pirzada	Forensics Analysis and Visualization Framework with Exploratory Data Analysis Approach	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
045	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Ong Kai Sian	"Pledge for Life - Digitalising organ donation application from manual to mobile platform"	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
046	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Heng Jia Yun	A Conceptual Framework Of Spatial Effects Of The Purpose-Built Office (Pbo) Rental Using Analytic Network Process And Geographic Information System (Anp-Gis) Integration Towards Business Sustainability In Malaysia	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
047	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Nik Adlina Binti Nik Rusli	Smart Weighbridge for Integrated Electronic Docket Quarry Monitoring and Management System	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER

048	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Mohamad Hafiz Bin Abu Bakar	Soft Actor Critic Deep Reinforcement Learning For The Mobile Robot Navigation	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
049	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Mr. Mohd Sahrul Syukri Yahya	A Web- Based Geographic Information System (GIS) Platform For Sustainable Urban Transportation Planning	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
050	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Yui Chee Xuan	A Cross-Domain Linked Open Data-Enabled to Alleviate Data Sparsity Issues in Collaborative Group Recommender System	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
051	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Nor Hazlin Binti Md Gharip	Framework For Adoption Of Artificial Intelligence In Supporting Facility Management Procurement Process	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
052	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Dwika Ananda Agustina Pertiwi	Applying Machine Learning Model for Loan Default Prediction in Peer-to-Peer (P2P) Lending	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
053	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Zubair Adil Soomro	Face Tracking For Human-Robot Interaction Using Long Short-Term Memory (Lstm)	Universiti Tun Hussein Onn Malaysia	Innovation	TH
054	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Goh Ai Jing	Analysis on Network Structure of Malaysian Stock Market Across the Uncertain Time of COVID-19 Outbreak	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
055	Digital Era, Data Analytical & Automation Revolution (DEDAAR)	Ts. Dr. Mazidah binti Rejab	I- Care A Web-Based Online Goods Donation Management System	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
056	Disaster Management (DM)	Dr. Ahmad Hassan Sallehudin Mohd Sarif	ReliaHR: A Unified Approach to Hardware and Human Reliability for Risk Assessment	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
057	Disaster Management (DM)	Ir. Ts. Mohamad Xazaquan Mansor Ali	Model Of Hazard Control And Prevention Management On Safety Outcomes	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
058	Disaster Management (DM)	Ms Fadilah Daud	Streamlining Disaster and Incident Reporting using MyAssist: A Prototype	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
059	Disaster Management (DM)	Ahmad Aiman Bin Abd Muttalib	Waterfall alarm system for headwater phenomena	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
060	Disaster Management (DM)	Ms. Alisa binti Shamshul Afendi	Urban Inundation: A System of Contrasting Perception in Artificial Intelligence	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
061	Disaster Management (DM)	Nur Afiqah Binti Abdul Rahim	Hydrological Value Analysis Using Hybrid Neural Network Algorithm	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
062	Disaster Management (DM)	Tan Chee Yong	Flood and Water Level Prediction using Model Simulations	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
063	Disaster Management (DM)	Mr. Mohammad Arafat	Improving Train Safety under crosswind: A Fundamental Safety Guidelines	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
064	Disaster Management (DM)	Amin Izwan Bin Farid Ridzwan Wong	Konsep Rekabentuk Rumah Bebas Banjir Mampu Milik	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE

065	Education, Community Development & Social Innovation (ECDSI)	Ts. Inv. Dr. Rafizah Binti Mohd Hanifa	"Mari Belajar Pai" App For Hearing Impairment	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
066	Education, Community Development & Social Innovation (ECDSI)	Associate Professor Ts. Dr. Narimah Kasim	SMART_EDT	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
067	Education, Community Development & Social Innovation (ECDSI)	Ts. Dr. Marlina Binti Mohamad	IFunMath	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
068	Education, Community Development & Social Innovation (ECDSI)	Dr Nor Amani Filzah Binti Mohd Kamil	River Rangers: UjiMakro Water Monitoring Kit	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
069	Education, Community Development & Social Innovation (ECDSI)	Dr. Adi Syahid Bin Mohd Ali	Pcesynergy For Social Entrepreneurship: Central Data Analytic	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
070	Education, Community Development & Social Innovation (ECDSI)	Dr. Shazaitul Azreen Binti Rodzalan	Designing A Framework Of Future Workforce Skills In Manufacturing Industry: A Delphi Study	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
071	Education, Community Development & Social Innovation (ECDSI)	Prof. Ts. Dr. Seow Ta Wee	Knowledge Transfer on the Application of Waste To Energy Technologies in ASEAN Countries	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
072	Education, Community Development & Social Innovation (ECDSI)	Ts. Muhammad Shukri Bin Ahmad	Qube-Bot: Robotic Development Platform	Universiti Tun Hussein Onn Malaysia	Commercialization	SILVER
073	Education, Community Development & Social Innovation (ECDSI)	Ts. Sharifah Meryam Binti Shareh Musa	Spah@Komuniti	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
074	Education, Community Development & Social Innovation (ECDSI)	Dr Azita Ali	Development Of Interactive Application 2d Animation Traditional Game Congkak	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
075	Education, Community Development & Social Innovation (ECDSI)	Dr. Arney Binti Sapaat	4-Senses Compact Exhibit	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
076	Education, Community Development & Social Innovation (ECDSI)	Ts. Dr Marlina Binti Mohamad	Mixed Reality Cuisine	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
077	Education, community Development & Social Innovation (ECDSI)	Associate Professor Dr. Yong Yoke Keong	Heartricity – An Augmented Reality Application for Teaching and Learning of Cardiovascular Physiology	Universiti Putra Malaysia (UPM)	Innovation	GOLD
078	Education, community Development & Social Innovation (ECDSI)	Prof Dato' Dr Shamala Subramaniam	losrocks Sports Performance Analysis System	Universiti Putra Malaysia (UPM)	Innovation	GOLD
079	Education, community Development & Social Innovation (ECDSI)	Puan Nor Azlina Binti Rais	Kaedah Perancangan Kewangan	Kolej Poly-Tech Mara Batu Pahat	Innovation	GOLD
080	Education, community Development & Social Innovation (ECDSI)	Dr Ilyana Binti Jalaluddin	Mixing Visual Reality And Augmenting In Language Learning	Universiti Putra Malaysia (UPM)	Innovation	GOLD
081	Education, community Development & Social Innovation (ECDSI)	Mrs Namirah binti Mohd Akahsah	Jurisophy	Universiti Teknologi Mara (UiTM)	Innovation	GOLD

082	Education, community Development & Social Innovation (ECDSI)	Dr Nur Aima Shafie	Digital Audit Quality (Daq) V2	Universiti Teknologi Mara (UiTM)	Innovation	GOLD
083	Education, community Development & Social Innovation (ECDSI)	Dr Yuslina Zakaria	e-RAT: Electronic Resilience Assessment Tool	Universiti Teknologi Mara (UiTM)	Innovation	GOLD
084	Education, community Development & Social Innovation (ECDSI)	Prof. Madya Ts. Dr. Tan Tse Guan	UMK's Japanese Language AR App 2.0: Reimagining Learning Paradigms	Universiti Malaysia Kelantan (UMK)	Innovation	GOLD
085	Education, community Development & Social Innovation (ECDSI)	Aindurar Rania Balqis Binti Mohd Sufian	WSportHub: An IoT-based Intelligent Tracking and Profiling of Women Ecosystem	Universiti Putra Malaysia (UPM)	Innovation	BRONZE
086	Education, community Development & Social Innovation (ECDSI)	Encik Wan Muhammad Nabil Bin Wan Hussin	Trivia Obby Apps (Mobile Application)	Kolej Poly-Tech Mara Batu Pahat	Innovation	SILVER
087	Education, community Development & Social Innovation (ECDSI)	Mr Ahmad Baihaqi Bin Ahmad Rifae	Navident: An Intelligent Localization and Navigation Algorithm to Correlate Sensor Emotional Triggers	Universiti Putra Malaysia (UPM)	Innovation	SILVER
088	Education, community Development & Social Innovation (ECDSI)	Mr. Ahmad Shukry Bin Yahya	Unity Garden Drum (UGD) : The Future of Urban Farming	IPTA	Innovation	TH
089	Education, community Development & Social Innovation (ECDSI)	Muhamad Syafiq bin Adimun	Foodlink - Smart (B40) Internet Of Things (IoT) Food Security And Youth Development Distributed System	Universiti Putra Malaysia (UPM)	Innovation	SILVER
090	Education, community Development & Social Innovation (ECDSI)	Nur Atiqah Binte Osman	Toy Bricks Simulation Game Approach in Teaching Operations Management	Universiti Teknologi Malaysia (UTM)	Innovation	SILVER
091	Education, community Development & Social Innovation (ECDSI)	Rodziah Romli	E-Health Video Sedar® : A Motivational Innovation Educational Tool For Cervical Cancer Screening	Universiti Kebangsaan Malaysia (UKM)	Innovation	GOLD
092	Education, community Development & Social Innovation (ECDSI)	Ts. Leong Kok Seng	TeachConnect	Universiti Kebangsaan Malaysia (UKM)	Innovation	GOLD
093	Education, community Development & Social Innovation (ECDSI)	Yao Jia Ying	Sustainable Campus Engagement: Assessing Student Awareness of University Initiatives	Universiti Teknologi Malaysia (UTM)	Fundamental	GOLD
094	Education, community Development & Social Innovation (ECDSI)	Mr. Muhammad Izzuddin Syamil Bin Othman	Lean Construction Relationship Model : Empower Project Management	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
095	Education, community Development & Social Innovation (ECDSI)	Muhammad Irshad Bin Ishak	Trusted Transcript Management System Using Blockchain	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
096	Education, community Development & Social Innovation (ECDSI)	Ang Yong Yi	Mobile Educational Application on Learning Electric Circuit for Primary School Using Augmented Reality	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
097	Education, community Development & Social Innovation (ECDSI)	Dahiru Abdulmuhsin Ibrahim	Online Examination System For Abubakar Siddiq Community School With Multi-Factor Authentication.	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
098	Education, community Development & Social Innovation (ECDSI)	Wan Muhammad Idham Wan Mahdi	Inclusive Business Model Framework - Sustainable Community Growth Powered by Company Initiatives	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD

099	Education, community Development & Social Innovation (ECDSI)	Adlina Farahiyah Binti Abdul Manap	Integration of Project-based Learning in Producing Quality Valuation Reports in Accordance to Malaysian Valuation Standard 6th edition	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
100	Education, community Development & Social Innovation (ECDSI)	Abang Muhamad Zaid Bin Abang Zulkarnaini	Malaysian food recognition and calories estimation using cnn with tensorflow	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
101	Education, community Development & Social Innovation (ECDSI)	Fatimah Bt Ahmad	Spinning Test	Universiti Tun Hussein Onn Malaysia	Innovation	TH
102	Education, community Development & Social Innovation (ECDSI)	Nurul Adila Binti Mohd Ali	Mak Janda Johor	Universiti Tun Hussein Onn Malaysia	Commercialization	GOLD
103	Education, community Development & Social Innovation (ECDSI)	Dr. Noryusliza binti Abdullah	Ems: E-Merchant System	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
104	Education, community Development & Social Innovation (ECDSI)	Dr. Noryusliza binti Abdullah	Prelove.UTHM: Second-Hand Items Platform For Uthm Community	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
105	Education, community Development & Social Innovation (ECDSI)	Khoo Yi Zhe	Enhancing Usability in Volleyball Learning with Mobile Augmented Reality Approach	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
106	Education, community Development & Social Innovation (ECDSI)	Ms Nuraqilla Waidha Bintang Grendis	Monopoly Pharmacology	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
107	Education, community Development & Social Innovation (ECDSI)	Dr. Sonia Lohana	Designing A Conceptual Framework Of Consumer Purchasing Intention Toward Green Product	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
108	Education, community Development & Social Innovation (ECDSI)	Akmal Hakim Bin Asha'ari	Framework Of Technology Acceptance Of Mobile Learning Towards Home Based Education In Rural Schools	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
109	Education, community Development & Social Innovation (ECDSI)	Naqibah Azman	YOJA-BACK : Potential-Based Employment Business Model	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
110	Education, community Development & Social Innovation (ECDSI)	Ahmad Hanis Bin Azman	High School Students' Stress Management Learning Based On Signal Electroencephalogram (Eeg)	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
111	Education, community Development & Social Innovation (ECDSI)	Syahrizan Bin Azlan	Preliminary Safety Helmet Fit Assessment Using 3d Scanning And Helmet Fit Index (Hfi)	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
112	Education, community Development & Social Innovation (ECDSI)	Aizathul Hani Binti Abd Hamid	Humanities Values Assessment Profile	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
113	Education, community Development & Social Innovation (ECDSI)	Khoo Wen Bin	CARE Visitor Management System	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
114	Education, community Development & Social Innovation (ECDSI)	Siti Khairizah Binti Mohmed	Instrumen Kebolehpasaran Mahasiswa Teknikal (Aplikasi Industri & Institusi)	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER

115	Education, community Development & Social Innovation (ECDSI)	Ms. Siti Nurafiqah Binti Mohd Samshul	Theoretical Model of Digitization of Education based on Psychological Well-Being (PWB)	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
116	Education, community Development & Social Innovation (ECDSI)	Ts Mat Tawi Yaacob	Community-University Engagement Index (Cue-I) Using Anp-Fm Integration For Rethinking Community Reciprocal Benefits Towarrds Progressive Community Development.	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
117	Education, community Development & Social Innovation (ECDSI)	Murni Farahin Binti Mahmud	E-Learning Web : Brickwork	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
118	Education, community Development & Social Innovation (ECDSI)	Ms. Nur Hilda Binti Zaidi	Diploma Programme Selection Guidance System (Dpsgs)	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
119	Education, community Development & Social Innovation (ECDSI)	Norathirah Nabila Abd Mutalib	Aplikasi “Modul Math Setel” : Pengukuhan Kemahiran Penyelesaian Ungkapan Algebra Bagi Pembelajaran Menengah Atas	Universiti Tun Hussein Onn Malaysia	Fundamental	TH
120	Education, community Development & Social Innovation (ECDSI)	Muhammad Iwan Bin Paiwan	Developing Product-service System (PSS) Concepts for Real Estate and Inheritance Management Business: The Use of Business Model Canvas	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
121	Education, community Development & Social Innovation (ECDSI)	Du Shiqi	Index System For Smart Sports Stadium	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
122	Education, community Development & Social Innovation (ECDSI)	Ms. Siti Nur Afiqah Maulad Zuhairi	Fis Smart Signal - Tackling Abandoned Housing	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
123	Education, community Development & Social Innovation (ECDSI)	Mohd Faisal Bin Mahmad	Hots Mathematics	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
124	Education, community Development & Social Innovation (ECDSI)	Ts. Rosni Binti Ramle	Metacognitive Skills Generation Through Inquiry Learning in Code Tracing	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
125	Education, community Development & Social Innovation (ECDSI)	Mohammad Hazazi bin Hamzah	Slide-GRIPPER	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
126	Education, community Development & Social Innovation (ECDSI)	Dr. Muhamad Helmy bin Sabtu	Manhaj Johor: A Framework for State's Political Survivability and Sustainability	Universiti Tun Hussein Onn Malaysia	Fundamental	TH
127	Education, community Development & Social Innovation (ECDSI)	Hanis Hidayah Binti Abdul Malik	Development Of Augmented Reality Video Application For Absorption Of Pure Values Based On Story Of Bawang Putih Bawang Merah	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
128	Education, community Development & Social Innovation (ECDSI)	Mr. Susharman	Finite Element Analysis of Prosthetic Sports Feet Design Inspired from Lattice Core Sandwich Structure Construction	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
129	Education, community Development & Social Innovation (ECDSI)	Nurhidayah binti Abdul Hamid	The BioJourney: Transport Systems in Organisms	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER

130	Education, community Development & Social Innovation (ECDSI)	Abdul Shukor Ashraf Bin Abd Samad	SteerClear-2D Driving School Circuit Experience	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
131	Education, community Development & Social Innovation (ECDSI)	Nurul Iffah Syazwani Mat Nassir	Automatic Cooling Fan System For Electronic Baby Strtoller	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
132	Environment & Renewable Energy (ERE)	Nur Amirra-Farizza Asli	Eco-Friendly Holder	SMK Kabong Sarawak	Innovation	TH
133	Environment & Renewable Energy (ERE)	Prof. Dr. Wan Fauziah Wan Yusoff	Framework For Deforestation-Free Product	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
134	Environment & Renewable Energy (ERE)	Assoc Prof Dr Radin Maya Saphira Binti Radin Mohamed	Nutrisaver	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
135	Environment & Renewable Energy (ERE)	Dr Shakila Binti Abdullah	Gracithm	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
136	Environment & Renewable Energy (ERE)	Assoc. Prof. Dr Siti Fatimah Zaharah M Fuzi	Kaizen Adsorbent for Adsorption of Persistent Pollutants	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
137	Environment & Renewable Energy (ERE)	Dr Jayaraj Vijaya Kumaran	SpeedDNA Isolation Kit	Universiti Malaysia Kelantan (UMK)	Innovation	GOLD
138	Environment & Renewable Energy (ERE)	Profesor Ir. Dr. Ahmad Kamil Arshad	GREEN ASPHALT: The Sustainable Asphalt Mix for Road Surfacing	Universiti Teknologi Mara (UiTM)	Innovation	SILVER
139	Environment & Renewable Energy (ERE)	Ts. Dr. Mohd Firdaus Malek	Microwave-Assisted Rapid Synthesis of Self-Assembled ZAO Nanowires Anchored on Seeded Catalyst Layer for Hybrid Photovoltaic Cells	Universiti Teknologi Mara (UiTM)	Innovation	GOLD
140	Environment & Renewable Energy (ERE)	Ts. Dr. Nurulisma Binti Hj. Ismail	Water Storage Monitoring System With The Integration Of Internet Of Things Technology	Universiti Malaysia Perlis (UniMAP)	Innovation	GOLD
141	Environment & Renewable Energy (ERE)	Dr. Nur Hamizah Binti Mohd Zaki	Designing and Fabrication of LiFePo4/Graphene Cathode for Lithium Assisted with Computational Calculation Ion Battery	Universiti Teknologi Mara (UiTM)	Innovation	GOLD
142	Environment & Renewable Energy (ERE)	Dr Ainnur Sherene Binti Kamisan	High Output Voltage of ZnO/rGO Nanogenerator	Universiti Teknologi Mara (UiTM)	Innovation	GOLD
143	Environment & Renewable Energy (ERE)	Dr. Mohd Anuar Bin Jamaludin	Higher Order Chemical Reaction Impact on Heat and Mass Transfer of Hybrid Ferrofluid Flow in a Darcy Porous Media	Universiti Pertahanan Nasional Malaysia (UPNM)	Fundamental	GOLD
144	Environment & Renewable Energy (ERE)	Iesti Hajar Binti Hanapi	Biomass-Based Lightweight Direct Methanol Fuel Cell Dmfc For Portable Applications	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
145	Environment & Renewable Energy (ERE)	Ms. Ng Wei Shi	Development and Optimisation of Membrane Electrode Assemblies (MEA) in Anion Exchange Membrane (AEM) Water Electrolyser	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
146	Environment & Renewable Energy (ERE)	Ms. Nurulfasihah Binti Azhar	Synthesis And Characterisation Of Cobalt-Nickel@Borophene Core-Shell Nanoparticle As Electrocatalyst For Hydrogen Evolution Reaction	Universiti Kebangsaan Malaysia (UKM)	Fundamental	SILVER

147	Environment & Renewable Energy (ERE)	Nik Farah Hanis Binti Nik Zaiman	Graphene/Ni-BDC as a Support for Pt-Ru Anode Catalyst in Direct Borohydride Fuel Cell	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
148	Environment & Renewable Energy (ERE)	Nur Ain Masleeza Binti Harun	Sulfonated poly(ether ether ketone)/graphitic carbon nitride composite membrane for direct borohydride fuel cell	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
149	Environment & Renewable Energy (ERE)	Nur Ubaidah binti Saidin	Co-MD: A Multi-dimensional Structured Electrocatalyst of Cobalt-based Nanoparticles Supported on Holey-Graphene Oxide	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
150	Environment & Renewable Energy (ERE)	Nurul Shahzira binti Hazri	Twinkle twinkle fuel cell advancement, can electrolyte and electrode configuration tune Magnesium-Air Fuel Cell (MAFC) performance?	Universiti Kebangsaan Malaysia (UKM)	Innovation	SILVER
151	Environment & Renewable Energy (ERE)	Omar Syah Jehan Bin Elham	Egx-cell: the new age fuel cell	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
152	Environment & Renewable Energy (ERE)	Ts. Leong Kok Seng	Pisma: Durable And High Performance Electrolyte For High Temperature Pem Fuel Cell	Universiti Kebangsaan Malaysia (UKM)	Fundamental	GOLD
153	Environment & Renewable Energy (ERE)	Zahrah Ramadlan Mubarakah	Solar Philm (Solar-driven Photocatalyst Film Based on Silver Sulfide Nanoparticles and Micro Cellulose)	Universiti Malaysia Perlis (UniMAP)	Innovation	GOLD
154	Environment & Renewable Energy (ERE)	Ms.Ruthrashini Vijiyabaskar	Grape Seed Natural Neutralizator Chlorine	Universiti Tun Hussein Onn Malaysia	Innovation	TH
155	Environment & Renewable Energy (ERE)	Ms. Iylia Izzati Binti Jamal	Deck Panel Of Rice Husk Blended Pet (Rh/Pet) Polymer Composites	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
156	Environment & Renewable Energy (ERE)	Airil Azman Kamarul Zaman	Phosphorus Removal From Water Using Calcined Waste Chicken Eggshells With Different Masses: Kinetic And Isotherm Studies	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
157	Environment & Renewable Energy (ERE)	Muhamad Amir Syahmi Sophian	Removal Of Phosphorus From Water Onto Marsh Clam Shell To Predict Contour For Removal Efficiency And Mass Of Adsorbent	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
158	Environment & Renewable Energy (ERE)	Muhammad Habil Izzuddin Norhisham	Phosphorus Removal From Aqueous Solution With Different Mass Of Ore Waste Adsorbent From Johor Mine Site	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
159	Environment & Renewable Energy (ERE)	Michelle Law Yaping	Raw Duck Eggshells As Nitrate (No3-) Remover Onto Groundwater Using Different Mass Of Adsorbents: Kinetic And Isotherm Studies	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
160	Environment & Renewable Energy (ERE)	Muhammad Amirul Farhan bin Mohd Fauzilan	Development Of Smart Waste Bin With Segregation System Prototype	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
161	Environment & Renewable Energy (ERE)	Juliana Abd Ghani	Factors influencing corrosion of underground metal pipe in red clay soil	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER

162	Environment & Renewable Energy (ERE)	Ahmad Faid Imran Bin Nasri	Electrifying Bananas: The Energy Potential of Banana Peel Waste in a Dual-Chamber Microbial Fuel Cells	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
163	Environment & Renewable Energy (ERE)	Mr. Zolhafizi Bin Jaidi	"Eco-Friendly Silica Breakthrough: Unleashing Green Silica Synthesis Innovation Toward Enhancing Sintering Process"	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
164	Environment & Renewable Energy (ERE)	Ms. Nur Hazirah Binti Kamaruzaman	NanoZinc Powder	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
165	Environment & Renewable Energy (ERE)	Nurul Atikah Binti Heshammuddin	B-Pad (Banana-Powered Antibiotic Detox)	Universiti Tun Hussein Onn Malaysia	Commercialization	SILVER
166	Environment & Renewable Energy (ERE)	Mr. Mohammed Nasser Ali Al-Sahari	Microbial Fuel Cells system (MFCs)	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
167	Environment & Renewable Energy (ERE)	Ms. Ainaa Mardhiah Binti Sabri	Activated Carbon From Calophyllum Inophyllum's Shell As Green Nano Additives For Bio-Based Metalworking Fluids	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
168	Environment & Renewable Energy (ERE)	Cempaka Amalin Binti Mahadzir	Enhancing Photovoltaic Power Prediction Accuracy Using Real-Data-Trained Artificial Neural Network (Ann)	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
169	Environment & Renewable Energy (ERE)	Muhammad Affiq Syukri Bin Arafat	Computational Fluid Dynamics Analysis Of Thermal Energy Storage Systems For Efficient Air Conditioning In Malaysia's Tropical Climate	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
170	Environment & Renewable Energy (ERE)	Hendi Saryanto	Bio-Based Polymer: Environmental-Friendly Processing System Of Flexible Polymer Foams	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
171	Environment & Renewable Energy (ERE)	Raja Puteri Nurul Adibah Binti Raja Ahmad	Superhydrophobic Modified Kapok Fiber With Zinc Oxide Nanostructured Coating For Oil Separation	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
172	Environment & Renewable Energy (ERE)	Nurul Syamimi Binti Mohd Salim	Sustainable Future Alternative Of The Biopolymer Through Plastic (SUS-BPP)	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
173	Environment & Renewable Energy (ERE)	Honin Ali Yahya Alshaeer	Effect Of Fungi On Compressive Strength, Water Absorption, And Carbonation Depth In Foam	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
174	Environment & Renewable Energy (ERE)	Nur Syahirah Nissa Binti Khamis	Model Keselesaan Terma Kolej Kediaman Kampus Hijau Institusi Pengajian Tinggi	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
175	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Assoc. Prof. Dr. Sharifah Adzila Binti Syed Abu Bakar	3D Printing of Polyhydroxyalkanoate (PHA) Reinforced with Biphasic Calcium Phosphate (BCP) Extracted from Egg Shell Waste for Biomedical Application	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
176	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Ts. Dr. Nur Anida Binti Jumadi	Optical Glucometer	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER

177	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Dr. Nadirul Hasraf Bin Mat Nayan	Kiranabyana: Dual-Functional Cosmetic Facemask Sheet With Microencapsulation Of Formulated Bromelain / Avocado Extract Serum	Universiti Tun Hussein Onn Malaysia	Commercialization	GOLD
178	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Dr. Muhammad Ammar Bin Shafi	MyCancer Apps: A Smart Technology as Early Detection of Cancers Based on Symptoms Tool	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
179	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Associate Professor Chm Dr Norhayati Binti Muhammad	Charms Skincare Cosmetics: An Effective Kit For Skin Tone Improvement	Universiti Tun Hussein Onn Malaysia	Commercialization	GOLD
180	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Assoc. Prof. Ir. Dr.-Ing. Low Cheng Yee	AI-Assisted Diagnosis for Upper Limb Spasticity	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
181	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Prof. Hasan Zuhudi Bin Abdullah	Halal Gelatin From Black Tilapia Fish Waste (GelaFish)	Universiti Tun Hussein Onn Malaysia	Commercialization	SILVER
182	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Ms. Nik Nur Qahirah binti Yahya	Beethoven Light - Improve Image Quality By Complying With Breathing Instructions For Patients With Hearing Impairment In Cardiac MRI	Universiti Teknologi Mara (UiTM)	Innovation	GOLD
183	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Dr. Noor Amirah Abdul Halim	HIGH-YIELD ISOPULEGOL-RICH CITRUS ESSENTIAL OIL FROM KAFFIR LIME LEAVES VIA PRESSURIZED HOT WATER EXTRACTION	Universiti Malaysia Perlis (UniMAP)	Fundamental	GOLD
184	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Dr. Ahmad Farid Nazmi Abdul Halim	eCOMBI-Denggi: Revolutionize the implementation of COMBI in dengue prevention	Universiti Kebangsaan Malaysia (UKM)	Innovation	SILVER
185	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Puguniesh A/L Kumar Raja	Delectable Homemade Corncob Cookies	SMK Ulu Tiram	Innovation	GOLD
186	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Mr. Mohammad Luqman Hakim Bin Mustapha	Firefighter Ergo-Hose Roller	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
187	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Muhammad Faiz Bin Razali	Nanoemulsion of High-pressure processed Kelulut honey incorporated with Phyllanthus niruri extract for Wound Healing Application	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
188	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Mr. Mohd Syahir Anwar Bin Hamzah	Development Of Drug-In Adhesive Bi-Layer Membrane Using Electrospun-Hydrogel Composite For Tissue Regeneration Application	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
189	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Ms Aliya Syaifa Binti Zakaria	The Uses of Fuzzy Artificial Intelligence Technology in Predicting High Risk Symptoms of Lung Cancer in Malaysia	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER

190	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Nur Najihah Musa	"Unveiling The Analgesics Elements: Analyzing Analgesics Through Analytical Techniques For Medical Advancement"	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
191	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	En. Mohamad Saddam Bin Kamarudin	Heat Propagation Into Malignant Breast Tumour In Hyperthermia Treatment	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
192	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Ms. Nur Amani Hanis Roseman	Hemodynamic Analysis of Blood Flow at Different Bifurcated Carotid Artery Morphologies.	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
193	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Nur Farahalya Binti Razhali	Hemodynamic Effect On Different Stent Strut Configuration In Femoral Popliteal Artery During Physical And Physiological Conditions	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
194	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Ms. Nur' Afifah Binti Yousri	CFD Based On The Visualization Of Aortic Valve Mechanism In Aortic Valve Stenosis For Risk Prediction	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
195	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Muhammad Yazid Bin Zainal	Study on the reduction of noise and improvement of curtain insulation using polyvinylchloride material	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
196	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Nurul Syazwani Binti Zahari	MelastomaGlow: Anthocyanin-rich powder as natural colorant	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
197	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Mr. Wan Ahmad Mustaqim Bin Ahmad Zakhi	Alginate Biofilm And Beads Incorporated With Superparamagnetic Iron Oxide (Spions) For Biomedical Applications	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
198	Health, Medical, Pharmaceutical Food and Supplement (HMPFS)	Ts. Nurul Izzati Mohd Ismail	Kinetics and Inhibition of Alpha-amylase by Curcuma caesia for Anti-Hyperglycemic Potential	Universiti Tun Hussein Onn Malaysia	Fundamental	BRONZE
199	Industrial Design, Building Engineering & Architecture (IDBEE)	Dr. Azmal Bin Sabil	Smart Greendome	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
200	Industrial Design, Building Engineering & Architecture (IDBEE)	Prof. Dr. Norbahiah Misran	Dual-circular polarized metamaterial antenna for nanosatellite communication system	Universiti Kebangsaan Malaysia (UKM)	Innovation	GOLD
201	Industrial Design, Building Engineering & Architecture (IDBEE)	Pn. Wan Zaiyana Mohd Yusof	Aesthetic Functional Supercar Chassis Design	Universiti Teknologi Mara (UiTM)	Fundamental	GOLD
202	Industrial Design, Building Engineering & Architecture (IDBEE)	Mr. Muhammad Najmi Bin Huzaidi	Electric Furnace for Aluminium Waste Management	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
203	Industrial Design, Building Engineering & Architecture (IDBEE)	Wan Farah Nur Iwani Binti Wan Ikeramzamani	"Modular Joint Using 3D Printer for Compact House in Klang Valley Area"	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER

204	Industrial Design, Building Engineering & Architecture (IDBEE)	Muhamad Nurhafizuddin Nadzmi	The Improvement Of Obstacle Detection System For Rolling Stock	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
205	Industrial Design, Building Engineering & Architecture (IDBEE)	Ts. Erwan Muhammed Ma'asus	Noise Mitigation On Kelana Jaya Line Through Development of On-Board Rail Lubrication System	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
206	Industrial Design, Building Engineering & Architecture (IDBEE)	Ts. Khairol Bin Kamaruddin	KenafTech EcoBrick: Sustainable Brick From Agro and Industrial Waste By-Product with Added Bio-Adhesive	Universiti Tun Hussein Onn Malaysia	Innovation	TH
207	Industrial Design, Building Engineering & Architecture (IDBEE)	Muhammad Dziki Bin Kahlid	3D Model of Tunku Tun Aminah Library Using Unmanned Aerial Vehicle (UAV)	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
208	Industrial Design, Building Engineering & Architecture (IDBEE)	Muhamad Nurhafizuddin Nadzmi Bin Mohamad Azmi	The Improvement Of Obstacle Detection System Of Rolling Stock	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
209	Industrial Design, Building Engineering & Architecture (IDBEE)	Mr Mohd Sharil Salleh	Prediction Model Using Neural Network For Military Plastic Explosive Pe4 Blast Performance In Tropical Environment	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
210	Industrial Design, Building Engineering & Architecture (IDBEE)	Jeffry Bin Jamil	Advanced Multi-Element 2d Matrix Array Ultrasonic Transducer Camera System For Assessing Defects In Materials	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
211	Industrial Design, Building Engineering & Architecture (IDBEE)	Ts Mat Tawi Yaacob	Mitigating The Impact Of Design Decision On Building Maintainability Through Fm-Vm Framework As Knowledge Transfer Mechanism	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
212	Industrial Design, Building Engineering & Architecture (IDBEE)	Deniswaran A/L Mahandran	Building Information Modelling in Construction Challenges of Facilities Management in Malaysia and its Technology Conciliation	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
213	Industrial Design, Building Engineering & Architecture (IDBEE)	Nur Aqilah Nadhirah Binti Mohd Jais	The "Defibrilator" Of The City (Micro- Mobility Transportation Hub)	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
214	Industrial Design, Building Engineering & Architecture (IDBEE)	Mr. Ahmad Aizat Putra Bin Sulaiman	Enhancement of Prediction for Door Flood Barrier using CFD modelling	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
215	Industrial Design, Building Engineering & Architecture (IDBEE)	Ahmad Shawqee Bin Hasan	Thereotical Framework of BIM Personnel Competency in Construction Project	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
216	Industrial Design, Building Engineering & Architecture (IDBEE)	Ain Najwa Binti Osman	Unpolluted City	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
217	Industrial Design, Building Engineering & Architecture (IDBEE)	Intan Syazwani Binti Marzuki	Redup Terminal Bus' Proposed The Terminal Bus At Medan Selera Dengkil, Sepang, Selangor.	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
218	Industrial Design, Building Engineering & Architecture (IDBEE)	Mr Shamsuri Bin Mohamed Rasidi	Study on the performance of various turning angle of a Curved Diffuser by means of ACFD	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD

219	Industrial Design, Building Engineering & Architecture (IDBEE)	Muhammad Shazmin Bin Sariman	Indoor Navigation System Employing Augmented Reality (INAVAR)	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
220	Industrial Design, Building Engineering & Architecture (IDBEE)	Muhammad Zahid Firdaus bin Shariff	Parametric Study of Passive Flow Device for 90 degree Curved Diffuser	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
221	Industrial Design, Building Engineering & Architecture (IDBEE)	Muhammad Afiq Imran Bin Abdillah	Eko Tiny House	Universiti Tun Hussein Onn Malaysia	Innovation	BRONZE
222	Industrial Design, Building Engineering & Architecture (IDBEE)	Muhammad Fadli Bin Zulkifli	Collar Gps Tracking System Using Lora For Elephant Detection	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
223	Islamic Innovation (II)	Dr. Isa bin Halim	Exoskeleton for Solat	UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTeM)	Innovation	GOLD
224	Islamic Innovation (II)	Pn. Nurul Adawiyah Binti Abd Satar	Quick Response Note Pit1	Universiti Kebangsaan Malaysia (UKM)	Innovation	GOLD
225	Islamic Innovation (II)	Maisarah Binti Mahmud	MYxy : Instrument For Determining Gender Identity Disorder	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
226	Islamic Innovation (II)	Ahmad Zaki Bin Mohamad malom	Development of an Instrument for Identifying Islamic Religiosity among Converts and its Relationship to Social Support MRSI: Muallaf Religiosity-Social Inventory	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
227	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Dr. Hafizah Binti Zulkipli	Integrated optisync: Maximizing Profit & Quantity through Manufacturing-to-Buyer Synergy	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
228	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Prof. Madya Ts. Dr. Sarizam Bin Mamat	Development of Commercial Scale Integrated Solar Dryer (INSOLER) for drying of fish	Universiti Malaysia Kelantan (UMK)	Commercial	SILVER
229	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Mohd. Rhafiq Mazlan	Enhancing Stainless Steel SS316L Particle Bonding in Additive Manufacturing: A Study of Necking Formation and Process Optimization	Universiti Kebangsaan Malaysia (UKM)	Fundamental	SILVER
230	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Nurul Shayhiera Aminuddin	Locally-Developed Novel 3 mol% Ytria Stabilized Zirconia Block for Dental Restoration	Universiti Kebangsaan Malaysia (UKM)	Innovation	GOLD
231	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Rakesh Kumar A/L Saravanan	I-PRO Plus Halal Audit Checklist for Halal Warehouse Compliance to MS 2400: 2019 Part 2	Universiti Teknologi Malaysia (UTM)	Commercialization	SILVER
232	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Raihani Binti Manap	RE- Multifunc JELLY JAM	Kolej Komuniti Jelebu	Innovation	GOLD
233	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Muhammad Aliff Firdaus Bin Azman	RE- Multifunc SAUCE	Kolej Komuniti Jelebu	Innovation	GOLD

234	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Izzah Aqilah Binti Ariffin	BP/CS BIO-BAG	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
235	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Muhammad Zuhairi Bin Abdul Jalil	Split Unit Sanitization System V2 (SUSS 2.0) Based On Internet Of Things (IoT)	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
236	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Rozainita Rosley	Production of Hydroxyapatite (HAP) Recovery From Seashell Waste for Biomedical Applications	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
237	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	En. Muhammad Ammar Shafie Bin Mohd Shahrom	Development Of Enhanced Glowworm Swarm Optimization For Optimizing Surface Roughness In The Edm Process	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
238	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Syakirah binti Roslan	PerishablePro: Integrated Perishable Food Supply Chain Management	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
239	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Ain Zubaidah binti Samian	In-Situ Casting for Direct Recycling Of Aluminium Alloy Machining Waste: A New Alternative For Transforming Waste Into Product	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
240	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Allyssa Amanda Anak Jihill	FILPAS: Filtration System with Pasteurization Phase for Dual Production of Beverage and Paste from Gemuggal Leaves as Nutrient Supplement	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
241	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Farah Nur Dini Ahmad Sha'rainon	Characteristics And Preliminary Study Of Ceramic Concretes	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
242	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Ms. Koh Yee Ning	Detection of Out-of-Control Signal in Multivariate Process by Creation of Microsoft Excel Template	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
243	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Ling Li Min	Classification based on data mining techniques for raw milk quality prediction.	Universiti Tun Hussein Onn Malaysia	Fundamental	SILVER
244	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Ts. Dr. Mazlan Bin Mohamed	Smart Powder Duo-fill: AI-Powered Twin Hopper Filling System	Universiti Malaysia Kelantan (UMK)	Innovation	SILVER
245	Manufacturing Technologies, Food Processing & Mechanization (MTFPM)	Ain Zamira bini Muhamad Zamri	Fiber Laser Based On D-Shaped Fiber Biosensor For Prostate Cancer Biomarker Detection	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
246	Rural Innovation (RI)	Dr. Sonia Lohana	Assessing the Impact of a Financial Sustainability Index on Financial Performance among SMEs in Malaysia: A Structural Equation Modeling Approach	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER

247	Rural Innovation (RI)	Dr. Nadirul Hasraf Mat Nayan	Framework for Sustainable Community Chicken Farming by Rural Communities @ Pt Sulong - Securing Localities Food Sovereignty	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
248	Rural Innovation (RI)	Sr Ts. Dr. Nazirah Binti Mohamad Abdullah	Sustainable Conservation Management System For The Critically Endangered Betta Persephone In Ayer Hitam Peat Swamp Forest Reserve, Muar, Johor	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
249	Rural Innovation (RI)	Sr Ts. Dr. Nazirah Binti Mohamad Abdullah	Understanding The Need Of Elephant Corridors In Panti Forest Reserve, Kota Tinggi, Johor	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
250	Rural Innovation (RI)	Professor Madya Ts. Dr. Muhammad Abdul Latiff Abu Bakar	EthnoKIT: Empowering Orang Asli for Sustainable Livelihoods and Environmental Stewardship	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
251	Rural Innovation (RI)	Muhammad Ridhuan Bin Hassan	Solar Powered Exhaust Turbine Ventilator	Universiti Tun Hussein Onn Malaysia	Innovation	GOLD
252	Rural Innovation (RI)	Nur Farisyah Hidayah Binti Zambri	"Rubber French": Enhanced Flow Efficiency With Rubber Composite Backfill	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
253	Tourism, Travel & Tours (TTT)	Dania Ilesa Binti Norazri	Traveler And Explorer Mobile App	Kolej Poly-Tech Mara Batu Pahat	Innovation	BRONZE
254	Tourism, Travel & Tours (TTT)	Hani Quraisyah Binti Jumizan	Trip Planner Website System	Kolej Poly-Tech Mara Batu Pahat	Innovation	BRONZE
255	Tourism, Travel & Tours (TTT)	Mr. Megat Ameer Rusyaidi Bin Mohd Rosli	The Production Of Ecocube Fire Charcoal Using Waste For Recreationists	Politeknik Muadzam Shah	Innovation	SILVER
256	Tourism, Travel & Tours (TTT)	Siti 'Afiat Binti Jalil	Multi Use Fast Respond Kit (M. F. R Kit)	Kolej Vokasional Langkawi	Innovation	GOLD
257	Tourism, Travel & Tours (TTT)	Ong Kai Sian	Fort Cornwallis History Education Virtual Walkthrough	Universiti Tun Hussein Onn Malaysia	Innovation	SILVER
258	Tourism, Travel & Tours (TTT)	Aini Khalida Binti Muslim	Exploring The Concepts Of Muslim Friendly Tourism	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
259	Tourism, Travel & Tours (TTT)	Siti 'Afiat Binti Jalil	Model Transformasi Sosioekonomi dalam Pelancongan Orang Asli (Promiskin) di Malaysia	Universiti Tun Hussein Onn Malaysia	Fundamental	GOLD
260	Tourism, Travel & Tours (TTT)	Muhammad Anwar bin Azlin	Masjid Ubudiah VR Experience	Universiti Tun Hussein Onn Malaysia	Commercialization	SILVER