

OVERALL RESULTS POSTER PRESENTATION NAFEC 2023

CLUSTER: FOOD AND POSTHARVEST ENGINEERING

No.	Title	Presenter	Authors	Organization	Results
A7	<i>Artocarpus Altilis</i> Production to Serve as Alternative Food Option to Diversified Food Supply	Noorazwani Zainol	Noorazwani Zainol	UTM	Gold
A8	Effect of Different Concentrations of Iodized Salt on the Physicochemical Properties in <i>Euthynnus affinis</i> Surimi	Asnawi Shahar	Asnawi Shahar, Rozzamri Ashari	MARDI	Gold
A13	Palm Based Cellulose Derivatives and Its Potential as Food Additives	Nur Eliyanti Ali Othman	Nur Eliyanti Ali Othman, Fatiha Ismail, Noorshamsiana Abdul Wahab	MPOB	Gold
A14	Effect of Polishing Duration on Physical, Color, Textural, and Milling Properties of Malaysian Rice MR297 Cultivar	Jhauharotul Muchlisyyah	Jhauharotul Muchlisyyah, Rosnah Shamsudin, Muhammad Syahmeer How Mohd Firdaus How, Roseliza Kadir Basha, Radhiah Shukri	UPM	Gold
A21	Browning in Relation to Enzymatic Activities and Phytochemical Content in Terap Peel (<i>Artocarpus odoratissimus</i> Blanco) during Postharvest Ripening	Shiamala Devi Ramaiya	Isniti Richard, Shiamala Devi Ramaiya	UPM	Gold
A23	Optimization of Modified Tapioca Starch-based Edible Coating Formulation for Fresh Oyster Mushroom Shelf-life Extension	Norazlin Abdullah	Noorsyahira Mustafah, Norazlin Abdullah, Nurul Adila Mohd Ali, Norhayati Muhammad	UTHM	Gold
A24	Comparison of Drying Performance between Biomass and Diesel as Fuel Sources for Grain Corn Drying using Mobile Dryer	Zainun Mohd Shafie	Zainun Mohd Shafie, Sharifah Hafiz Mohd Ramli, Amir Syariffuddeen Mhd Adnan, Hasmin Hakim Hasbullah, Mohd Syauqi Nazmi	MARDI	Gold
A26	Production of Freshwater Fish Feed from <i>Salvinia molesta</i> and <i>Pontederia crassipes</i> for Environmental Sustain	Norizzah Binti Rosle	Hasfalina Che Man, Izzah Farhana Ab Aziz, Muhammad Hazwan Hamzah	UPM	Gold

A28	Potential of Cellulose Nanofiber from Banana Pseudostem: A Concise Review	Mohammad Sobri Merais	Mohammad Sobri Merais, Nurul Husna Che Hamzah, Nur Afiqah Ali, Nozieana Khairuddin, Azira Sanusi	UPM	Gold
A5	Immobilization of Anthocyanin in Starch-Based Film as a Potential Colorimetric Oxygen Indicator in Modified Atmosphere Packaginig	Nurul Husna Che Hamzah	Nurul Husna Binti Che Hamzah, Nozieana Khairuddin, Ida Idayu Muhamad, Mohd Ali Hassan, Shahrul Razid Sarbini	UPM	Silver
A9	Stingless Bee Honey: Natural Precursor for Green Synthesis of Silver and Zinc Oxide Nanoparticles	Norfarina Bahari	Norfarina Bahari	UPM	Silver
A10	Mechanical Properties of Masonry Brick using Pineapple Fibre	Mohammed Alias Yusof	Mohammed Alias Yusof	UPNM	Silver
A12	Evaluation of Physical Quality Characterization MRQ 107 Parboil Rice Production using Selected Parameter	Amir Syariffuddeen Mhd Adnan	Amir Syariffuddeen Mhd Adnan, Jeeven Karruppan	MARDI	Silver
A15	Measuring Dielectric Properties of MARDI 76 (MRQ76) Rice at the Frequency of 915 MHz and 2.45 GHz	Badaruzzaman Mohamad Noh	Badaruzzaman Mohamad Noh	MARDI	Silver
A25	Preliminary Study on Long Term Storage of Bulk Watermelon Puree	Hasmin Hakim Hasbullah	Hasmin Hakim Hasbullah, Masniza Sairi, Zainun Mohd Shafie	MARDI	Silver
A1	Analysis of Alkaline Phosphatase (ALP) Inactivation and Goat Milk Fat Globules in Response to Pulsed Electric Field (PEF) Treatment	Nor Nadiah Abdul Karim Shah	Anasyazwan Abdul Halim, Azizah Mohamad, Nor Nadiah Abdul Karim Shah	UPM	Bronze
A2	Optimization of Roasting Conditions on Functional Properties of Jackfruit Seed Flours	Munira Zainal Abidin	Desmond Teo Chun Khai, Munira Zainal Abidin, Norazlin Abdullah, Nur Hafizah Malik	UTHM	Bronze
A6	Nutritional Composition of Freshwater Lobster Collected from Different Areas in Johor, Malaysia	Fazleen Izzany Abu Bakar	Nur Atikah Onn, Fazleen Izzany Abu Bakar, Mohd Fadzelly Abu Bakar, Nur Hafizah Malik, Munira Zainal Abidin	UTHM	Bronze
A16	Penilaian Sifat-sifat Fizikal dan Kimia Kompos Sisa Pokok Tembikai dan Kesan terhadap Pertumbuhan Sayuran	Mohamad Jani Saad	Mohamad Jani Saad, Noor Sarinah Mohd, Intan Nadhirah Masri, Teoh Chin Chuang, Masniza Sairi, Amir Redzuan Shamsulkamal, Mohamad Nasrol Rabidi, Muhamad Alif Sulaiman	MARDI	Bronze

A17	Bilik Penyimpanan Sejuk: Membantu Pengekalan Germinasi Biji Benih Padi	Mohamad Jani Saad	Mohamad Jani Saad Azzami Adam Muhamad Mujab, Teoh Chin Chuang, Masniza Sairi, Mohd Rozi Yusop, Muhamad Qarari Ridzwan, Muhamad Muizz Zainal, Mohd Khalid Ahmad, Muhammad Syakir A Ghani	MARDI	Bronze
A18	Effect of Drying Conditions on Functional Properties of Pumpkin Powder	Nur Hafizah Malik	Mohd Rashdan Rasdi, Nur Hafizah Malik	UTHM	Bronze
A19	Some physical properties of brown and white Malaysia glutinous rice kernel (<i>Oryza sativa</i> L.)	Puteri Nurain Megat Ahmad Azman	Puteri Nurain Megat Ahmad Azman, Rosnah Shamsudin, Norhashila Hashim, Hasfalina Che Man	UPM	Bronze
A20	Green Synthesis of Zinc Oxide Nanoparticles Using Stingless Bee Honey	Azri Shahir Rozman	Azri Shahir Rozman, Norhashila Hashim, Bernard Maringgal, Intan Syafinaz Mohamed Amin Tawakkal, Khalina Abdan, Akhmad Sabarudin	UPM	Bronze
A22	Development of Kombucha Tea Enriched with Gac and Mango Fruits	Mohd Fadzelly Abu Bakar	Nurus Sa'adah Abd Aziz, Mohd Fadzelly Abu Bakar	UTHM	Bronze
A3	Development of High Potassium Snack from Banana Stem (P-Bites)	Rosmieza Rosman	Rosmieza Rosman	UTHM	Certificate of Participation
A4	Study of Non-Allergen Ingredients on Functional Properties and Sensory Acceptability of Jackfruit Burger as Meat Analogue	Hani Zayani Mohd Sudin	Hani Zayani Mohd Sudin	UTHM	Certificate of Participation
A11	Optimization of Extraction Parameters for Antioxidant Activity from <i>Pandanus amaryllifolius</i> by Response Surface Methodology and Blending Evaluation in Refined Bleached Deodorized Palm Olein	Noorazwani Zainol	Vijehy Balakrishnan, Harisun Yaakob, Noorazwani Zainol	UTM	Certificate of Participation

CLUSTER: MECHANIZATION AND AUTOMATION

No.	Title	Presenter	Authors	Organization	Results
B1	Optimization of Detection of Foam Formation in Palm Oil Mill Wastewater Treatment by using Machine Learning Techniques	Mohd Nazren Radzuan	Alysha Auluck Amarjit Singh, Mohd Nazren Radzuan	UPM	Gold
B4	Design and Development of Radio-Controlled Herbicide Sprayer with Control Droplet Applicator for Matured Oil Palm (RC-Herbicide Sprayer)	Aminulrashid Mohamed @ Ibrahim	Aminulrashid Ibrahim, Mohd Azwan Mohd Bakri, Mohd Rizal Ahmad, Sharence Nai Sowat	MPOB	Gold
B5	A Study on Sensor Spraying System for Oil Palm Herbicide Spraying	Mohd Azwan Mohd Bakri	Mohd Azwan Mohd Bakri, Mohd Rizal Ahmad, Mohd Juraimi Jusoh	MPOB	Gold
B16	Geotagged Crop Monitoring using Aerial Imagery and Vegetation Indices Algorithm	Vikneswaran Jeya Kumaran	Vikneswaran Jeya Kumaran	UPM	Gold
B6	Assessment on Fresh Fruit Bunch (FFB) Loading Performance using a Mobile Tipping Device	Mohd Ramdhan Mohd Khalid	Mohd Ramdhan Khalid, Mohd Ikmal Hafizi Azaman, Mohd Khairul Fadzly Md Radzi, Aminulrashid Mohamed	MPOB	Silver
B7	Mechanisation Technology for Small Scale Area: A Review	Mohd Rizal Ahmad	Mohd Rizal Ahmad, Mohd Azwan Mohd Bakri, Mohd Ramdhan Khaalid, Mohd Ikmal Hafizi Azaman, Ahmad Syazwan Ramli, Nabilah Kamaliah Mustapha, Daryl Jay Thadeus, Mohd Khairul Fadzly Md Radzi, Aminulrashid Ibrahim, Mohd Juraimi Jusoh	MPOB	Silver
B8	Performance Comparison of Trunk Injector Mechanisms for Ganoderma Treatment Control	Mohd Ikmal Hafizi Azaman	Mohd Ikmal Hafizi Azaman, Mohd Ramdhan Khalid, Mohd Khairul Fadzly Md Radzi	MPOB	Silver
B12	Estimating Reference Evapotranspiration (ET _o) and Crop Evapotranspiration (ET _c) at Bukit Merah, Permatang Pauh Rice Field in Pulau Pinang, Malaysia	Nur Syaffiqa Izleen Rosdi	Wan Fazilah Fazlil Ilahi, Nur Syaffiqa Izleen Rosdi	UPM	Silver

B3	Preliminary Evaluation of the Performance of Micro Combine Harvesters in Rice Farming	Eddy Herman Sharu	Eddy Herman Sharu, Mohd Taufik Ahmad, Mohd. Khusairy Khadzir, Mohd Shahril Shah Mohd Ghazali, Mohamad Fakhru Zaman Omar	MARDI	Bronze
B9	The Benefits and Advantages of Implementing Mechanization in the Oil Palm Plantation: A Look at Fresh Fruit Bunch (FFB) Evacuation	Daryl Jay Thaddeus	Daryl Jay Thaddeus, Mohd Azwan Mohd Bakri, Mohd Rizal Ahmad, Mohd Ramdhan Khalid, Mohd Ikmal Hafizi Azaman, Mohd Khairul Fadzly Md Radzi, Ahmad Syazwan Ramli, Nabilah Kamaliah Mustaffa	MPOB	Bronze
B10	A Comparison of Harvesting Performance of Different Harvesting Methods in Oil Palm Plantation	Ahmad Syazwan Ramli	Ahmad Syazwan Ramli, Mohd Azwan Mohd Bakri, Mohd Rizal Ahmad, Daryl Jay Thaddeus, Nabilah Kamaliah Mustaffa, Mohd Ramdhan Mohd Khalid, Ikmal Hafizi Azaman	MPOB	Bronze
B11	The Initiative to Further Enhance the Technology Adoption in Malaysian Oil Palm Industry	Mohd Khairul Fadzly Md Radzi	Mohd Khairul Fadzly Md Radzi, Mohd Azwan Mohd Bakri, Astimar Abd Aziz, Mohd Ramdhan Khalid, Mohd Ikmal Hafizi Azaman, Mohd Rizal Ahmad, Nabilah Kamaliah Mustaffa, Daryl Jay Thaddeus, Ahmad Syazwan Ramli	MPOB	Bronze
B13	Development of Liquid Measuring and Spraying Machine for Silage Production	Hafidha Azmon	Hafidha Azmon, Nasyatul Ekma Binti Mohd Hussin, Siti Ashah Ab Rahim, Norahshekin Abd Rahman	MARDI	Bronze
B14	A Systematic Review of Soft Actuators in Agriculture	Mohd Akmal Mhd Yusoff	Mohd Akmal Mhd Yusoff	MARDI	Bronze
B15	Performance Evaluation of a Height Adjustable Mini Combine Harvester	Mohd Taufik Ahmad	Mohd Taufik Ahmad	MARDI	Bronze
B2	The Comparison of Grain Corn Production Performance between Zero-tillage and Conventional Tillage at MARDI Seberang Perai	Rohazrin Abdul Rani	Rohazrin Abdul Rani, Adli Fikri Ahmad Sayuti, Mohd Khusairy Khadzir, Muhamad Haniff Ahmad	MARDI	Certificate of Participation

CLUSTER: ENVIRONMENT, WATER, SOIL AND NATURAL RESOURCES

No.	Title	Presenter	Authors	Organization	Results
C2	Effect of Bamboo Waste Fibre On Modifying Mechanical Properties of Concrete	Siti Khadijah Che Osmi	Siti Khadijah Che Osmi, Hapsa Husen, Maidiana Othman, Zuliziana Suif, Norazman Mohamad Nor, Suriyadi Sojipto, Mohd Asyrah Hafry Mohd Tarmizi	UPNM	Gold
C3	Use of Coconut Shell from Agriculture Waste as Coarse Aggregate in Interlocking Concrete Wall Panel	Hapsa Husen	Hapsa Husen, Mohd Alim Redzuan, Siti Khadijah Che Osmi, Noor Aina Misnon, Jestin Jelani, Norazman Mohamad Nor, Suriyadi Sojipto, Maidiana Othman	UPNM	Gold
C5	Pilot Testing on the Level of Knowledge and Perception of Green Practices in Livestock Sector among Local Consumers	Rabi'atul 'Adawiyah Zayadi	Rabiatul Adawiyah Zayadi,, Nurul Huda, M. Z., Ramlan, M.	DVS	Gold
C10	Life Cycle Assessment (LCA) of Pineapple Cultivation in Malaysia	Izzah Farhana Ab Aziz	Hasfalina Che Man, Rosnah Shamsudin, Wan Norizzati Sahira Wan Ahmad Kamal	UPM	Gold
C17	Towards the Assessment of Skid Trails in Logged-over Forest using Drone Technology: A Review for Timber Industry in Malaysia	Mohammad Ridzuan Abdul Gapar	Wan Nor Zanariah Zainol @ Abdullah, Mohammad Ridzuan Abdul Gapar	UPM	Gold
C18	Effect of Microwave-Assisted Extraction on the Yield and Physicochemical Characteristics of Pectin from Cocoa (<i>Theobroma cacao</i> L.) Pod Husks	Norliza Abdul Wahab	Norliza Abdul Wahab, Alyaa Nurathirah Abdul Halim	LKM	Gold
C19	Influence of Subcritical Water Pre-Treatment Parameters on Methane Production From Empty Fruit Bunches: Process Optimization	Adila Fazliyana Aili Hamzah	Adila Fazliyana Binti Aili Hamzah, Muhammad Hazwan Hamzah, Hasfalina Che Man, Khairudin Nurulhuda, Muhammad Heikal Ismail, Show Pau Loke	UPM	Gold
C20	Review on The Utilisation of Waste Materials in The Production of Bricks	Vikneswaran Munikanan	Vikneswaran Munikanan	UPNM	Gold
C21	Banana, Another Point Of View : A Fascinating Behind-the-Scenes View of Banana Peel	Chan Wen Qi	Zanariah Mohd Dom, Chan Wen Qi, Nurin Adlina Ab Aziz	UPM	Gold

C11	Design and Fabricate of Coconut Shell Activated Carbon for Groundwater Filtration System	Zuliziana Suif	Siti Khadijah Che Osmi, Zuliziana Suif, Maidiana Othman, Adam Muhammad Ezzat Aripin	UPNM	Silver
C13	Fuel Consumption and Emission from Diesel Engine Generator Fuelled with Palm Biodiesel Blends	Nabilah Kamaliah Mustaffa	Nabilah Kamaliah Mustaffa	MPOB	Silver
C14	Mitigating the Effects of Climate Change on Agricultural Development and Food Security	Norazman Mohamad Nor	Siti Norhafizah Hamizak, Norazman Mohamad Nor, Vikneswaran Munikanan	UPNM	Silver
C16	Penggunaan Tumbuhan Tradisi di Sempadan Malaysia-Indonesia (Sebatik) dan Kaitannya dengan Keselamatan Makanan untuk Masa Hadapan	Suriyanah binti Laude	Suriyanah binti Laude	FELCRA	Silver
C23	Rapid Expansion CO ₂ -Based Technology for Combatting Peat Fires	Suriyadi Sojipto	Suriyadi Sojipto, Mohd Rosdzimin Abdul Rahman, Mohd Rashdan Saad, Muhammad Zuhairi Mohd Aliashak, Siti Khadijah Che Osmi, Noor Aina Misnon, Hapsa Husen, Jestin Jelani, Nor Muhammad Azman Sujani, Junaidi Asiran	UPNM	Silver
C1	Effect of Nitrogen and Harvesting Period on Lemongrass Performance	Furzani Pa'ee	Ahmad Arif, Ismail, Furzani Pa'ae, Muhamma Naim Fadzli Abd Rani, Azlan Azizi Mohd Noh, Zafrul Arif bin Radhi	UTHM	Bronze
C4	The Impact of Agriculture Research Towards Sustainable Construction	Muhamad Azani Yahya	Muhamad Azani Yahya, Mohammed Alias Yusof, Vikneswaran Munikanan	UPNM	Bronze
C6	Application of 'ROM' Scale Classification on Agricultural Slope Land Risk Mapping for Sustainable Development	Zulkifli Abu Hassan	Zulkifli Abu Hassan	UPNM	Bronze
C7	Enhancement of Corn Seed Germination in Calcareous Soil: Combined Effect of Biochar and Calcium Carbonate	Shahidah Md Nor	Shahidah Md Nor, Noor Atiqah Zulkifli	UTHM	Bronze
C8	An Overview on the Current Status of Cattle Artificial Insemination Industry in Malaysia	Afiqah Fasihah Abdul Rahim	Afiqah Fasihah Abdul Rahim	DVS	Bronze

C9	Volatile Compounds Analyses of Antidiabetic Ethno-polyherbal Formulation using Electronic Nose Combined with Chemometric Techniques	Norhayati Muhammad	Nur Fazira Abdul Rahim, Norhayati Muhammad, Norazlin Abdullah, Norhaizan Mohd Esa	UTHM	Bronze
C12	Potential of Coconut Shell Waste in Increasing CBR Value for Subgrade Soil	Jestin Jelani	Jestin Jelani	UPNM	Bronze
C15	Lowland Indoor Cultivation of Temperate Vegetables By Cooling System in Vertical Hydroponic Nutrient Film Technique (NFT)	Wan Fazilah Fazlil Ilahi	Wan Fazilah Fazlil Ilahi, Azmi Ahmad Tajri	UPM	Bronze
C24	Effect of Fermentation Time of <i>Morinda citrifolia</i> Juice on its Volatile Profile and Glucose Content	Siti Fatimah Sabran	Siti Fatimah Sabran, Dikkuruse Elvin Shivriya	UTHM	Bronze
C22	Preliminary Study: Antimicrobial Permeation and Release Rates of Biocellulose Wound Dressing Produced Using <i>Acetobacter Xylinum</i> 0416 in Pineapple Peel Waste Culture	Norliza Abd. Rahman	Muhammad Haidhier bin Mohd Yunus, Norliza Abd Rahman	UKM	Certificate of Participation
C25	Effect of Addition of Compatibilizer on the Properties of tCNCs Reinforced Thermoplastic Composites	Nor Hanifawati Inai	Nor Hanifawati Inai, S.J. Eichhorn, Khairuddin N.	UPM	Certificate of Participation
C26	From Tourism to Agriculture: Elucidating Community Well-being in Gunung Mulu National Park during the COVID-19 Pandemic	Mohamad Syahrul Nizam Ibrahim	Mohamad Syahrul Nizam Ibrahim, Suziana Hassan	UPM	Certificate of Participation
C27	Black Soldier Fly Larvae Frass Production for Managing Water Hyacinth Invasion	Latifah Omar	Latifah Omar, Mohd Hasyrin Hassan, Osumanu Haruna Ahmed, Muhammad Huzaifah Mohd Roslim	UPM	Certificate of Participation

CLUSTER: DEVELOPMENT OF AGRICULTURAL INFORMATIC SYSTEM AND MARKETING

No.	Title	Presenter	Authors	Organization	Results
D1	A Comparison of UAV and TLS Data for BSR Disease Detection in Oil Palm Plantation	Nur Azuan Husin	Nur Azuan Husin, Nurul Izzah Zainal Abidin , Siti Khairunniza Bejo	UPM	Gold
D6	Agrivoltaic Oyster Mushroom Cultivation: A Success Story	Mohammad Effendy Ya'acob	Mohammad Effendy Ya'acob	UPM	Gold
D7	Potential Application of Bioactive Compounds from Cocoa Processing Waste in Hair Care Gel for The Cosmetic Industry	Arief Huzaimi Md Yusof	Arief Huzaimi Md Yusof, Siti Salwa Abd Gani, Uswatun Hasanah Zaidan, Mohd Izuan Effendi Halmi	LKM	Gold
D18	Technology Adoption of New Variety Seed (PADIU) for Sustainable Agriculture among Selected Major Granary Farmers in Malaysia	Jasmin Arif Shah	Jasmin Arif Shah, Nur Bahiah Mohamed Haris, Hafizin Khairi Shaary	UPM	Gold
D20	The Role of FAMA in the Implementation of National Food Security	Mohd Firdaus Ab Aziz	Shahiida Musa, Mohd Firdaus Ab Aziz	FAMA	Gold
D2	IoT Based Coastal Fisheries Monitoring System	Jaafar Adnan	Jaafar Adnan, Mohd Taufiq Ishak, Fakroul Ridzuan Hashim, Mohd Rashdan Bin Saad, Mohd Rosdzimin Abdul Rahman	UPNM	Silver
D4	An Assessment for Energy Consumption in Plant Factory Container Type	Muhd Akhtar Mohamad Tahir	Muhd Akhtar Mohamad Tahir, M.D.H.A.Rashid, M.A.Ahmad	MARDI	Silver
D9	Utilizing Machine Learning to Detect Whiteflies on Tomatoes in a Controlled Environment	Nuraini Ahmad Ariff Shah	Nuraini Ahmad Ariff Shah, Nur Khalidah.Z, Muhd Akhtar M.T, Mohd Shukry H.B, Muhamad Syahiran A.A, Mohd Daniel Hazeq A.R, Mohamad Saiful N.A	MARDI	Silver
D13	The Perspective of Vegetable Farmers in Readiness to Face the Post Covid-19 Pandemic: A Cross-Tabulation Analysis	Murni Azureen Mohd Pakri	Murni Azureen Mohd Pakri, Jasmin Arif Shah	UPM	Silver
D14	Factor Influence Acceptance of Mobile Apps Among Higher Learning Education Students	Nur Aishah Yasmin Azraai	Nur Aishah Yasmin Azraai, Nur Bahiah Mohamed Haris	UPM	Silver

D19	Preliminary Study on the Relationship between Location, Infrastructure and Transportation of Productive Malaysian Cocoa Farmers (PMCF) towards Work Performance in Sarawak, Malaysia	Winoryantie Binti Sulaiman	Winoryantie Sulaiman, Jasmin Arif Shah, Nur Bahiah Mohamed Haris, Ramle Kasin	UPM	Silver
D3	IR 4.0 dalam Pertanian: Big Data Analytics - Data Driven Insights	Azleena Zainal Abidin	Azleena Zainal Abidin	FAMA	Bronze
D5	National Fishermen Boat Project	Mohd Syafiee Mohd Sait	Mohd Syafiee Mohd Sait, Noor Syahida Md Soh , Abd Razak Harun, Md Soh Embon	FAMA	Bronze
D8	Potential of Hydrogel-Seed-Coating as an Innovative Method for Delivering Nutrients of Plant Growth in the Agricultural Sector: A Comprehensive Review	Nur Afiqah Ali	Nur Afiqah Ali, Nurul Husna Che Hamzah, Nozieana Khairuddin, Omar Faruqi Marzuki, Ellie Teo Yi Li	UPM	Bronze
D10	Feasibility and Applicability Robotics in Agriculture	Ten Seng Teik	Ten Seng Teik, Khairul Anuar Shafie, Muhd Akhtar Mohamad Tahir, Mohamad Hafiz Hashim	MARDI	Bronze
D11	Halal Food Supply Chain Integrity Assurance Model	Yusaini Hisham Mohamed	Yusaini Hisham Mohamed	FELCRA	Bronze
D12	Projek Pembuktian Konsep Teknologi (Proof of Concept) Pengimejan Satelit	Mohd Faiq Abdul Fattah	Mohd Faiq Abdul Fattah	FELCRA	Bronze
D15	Pattern of Mean-Level in Personality Traits and Work Performance of Cocoa Farmers in Malaysia	Nur Ain Syafiqah Nor Zaki	Nur Ain Syafiqah Nor Zaki, Jasmin Arif Shah, Nur Bahiah Mohamed Haris, Winoryantie Sulaiman	UPM	Bronze
D16	Prevalence and Intensity of Parasites in Fish Inhabiting Different Oceanic Zones	Aravind Marcus	Aravind Marcus, Diah Tisna, Bura Paul Thlama, Suhaili Mustafa, Muhamad Hakim Mohd Ali Hanafiah, Lirong Yu Abit, Faten Afifaha Mohamad, Juriah Kamaludeen	UPM	Bronze
D17	Sensitivity Factors Influencing Technology Adoption towards Climate Change Adaptation among Agricultural Communities around Kelantan River and Muda River Basins	Nurul Amiera Khalid	Nurul Amiera Khalid, Jasmin Arif Shah, Nik Ahmad Sufian Burhan, Hayrol Azril Mohamed Shaffril, Asnarulkhadi Abu Samah, Nur Bahiah Mohamed Haris	UPM	Bronze

D21	Malaysia Food Security & Sustainability:Memperkasa Taman Kekal Pengeluaran Makanan Menerusi Modenisasi dan Pertanian Pintar	Syed Hakim Syed Majid	Syed Hakim Syed Majid	DOA	Certificate of Participation
D22	Agricultural Sustainability of Cocoa Smallholders from an Environmental Point of View: Post Covid-19 Pandemic in Sabah	Noviatin Syarifuddin	Noviatin Syarifuddin, Jasmin Arif Shah, Asnarulkhadi Abu Samah, Nik Ahmad Sufian Burhan	UPM	Certificate of Participation