

## Physical

| NO. | ORGANISATION  | INNOVATION TITLE  | CATEGORY  |
|-----|---|---|---|
| 1   | Jabatan Tanah Dan Survei Sarawak                                | Flextervation   | Social Innovations & Entrepreneur Management                          |
| 2   | JNC TECHNOLOGY CO.,LTD  | Novel Auto-Cleaning Technology for Aquaculture's IoT Water Quality Sensors  | Agriculture, Livestock & Horticulture, Aquacultures & Fisheries       |
| 3   | Land and Survey Department Sarawak                              | MOSSLA - Monitoring System For Survey of Land Acquisition   | Social Innovations & Entrepreneur Management                          |
| 4   | Malaysian Agricultural Research & Development Institute (MARDI) | Safeguarding the Grains: Revolutionizing Safety with Integrated Biosensor-IoT for Aflatoxin B1 Detection in Grain Corn and Livestock Management | Agriculture, Livestock & Horticulture, Aquacultures & Fisheries       |
| 5   | Malaysian Rubber Board (MRB)                                    | PAT-G: A Digital Platform For Sustainable Natural Rubber  | Agriculture, Livestock & Horticulture, Aquacultures & Fisheries       |
| 6   | Management and Science University (MSU)                         | Module For Problem Statement Formulation: Easy Research Journey With Isi-Pc-Go  | Social Innovations & Entrepreneur Management                          |
| 7   | Management and Science University (MSU)                         | SkyCourier: Innovating the Future with a Service-Centric Unmanned Aerial Vehicle Design   | Disaster, Emergency and Crisis Management                             |
| 8   | Multimedia University (MMU)                                     | Smart 5G Internet of Things Palm Oil Water Table Monitoring System  | ICT   |
| 9   | NanoMalaysia Berhad   | Retail Platform with IONT Solution  | Consumer Electronics  |
| 10  | NanoMalaysia Berhad   | Aurra Smart Water Purifier with Nano-Enhanced Cooling System  | Consumer Electronics  |
| 11  | SM Digital Innovation Sdn Bhd                                   | Generative Artificial Intelligence - Xentinel.AI  | ICT   |
| 12  | Universiti Kuala Lumpur (UniKL)                                 | Generic Responsive Electricity Theft Inspector (GeREnTI)  | Power and Electricity   |
| 13  | Universiti Malaya (UM)  | LEGO SPIKE X BIOMECHATRONICS JUNIOR CRASH COURSE MODULE - "BionicBuddies: Unleashing Young Minds with LEGO Biomechatronic Marvels"              | Education Technology & Pedagogy                                       |
| 14  | Universiti Malaya (UM)  | A Smart Wearable Device for Monitoring Low Back Pain Rehabilitation   | Healthcare, Personal Care Technology, Biotechnology and Life Sciences |
| 15  | Universiti Malaysia Kelantan (UMK)                              | Advancing Sustainable Entrepreneurship Value through AI-Enabled Fintech Solutions in Sadaqah and Waqf Social Enterprises                        | Energy & Green Technology   |

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|-----|--|--|---|
| 16  | Universiti Malaysia Pahang Al-Sultan Abdullah  | Fluidized Wireless LED Reactor (Wastewater Treatment and Hydrogen Production)                                    | Protection of the Environment, Energy, Water, Wastewater, Sanitation      |
| 17  | Universiti Malaysia Pahang Al-Sultan Abdullah  | Semi-Automated ErgoSmart Desk for Patients with Back Pain Problems   | Healthcare, Personal Care Technology, Biotechnology and Life Sciences     |
| 18  | Universiti Malaysia Sarawak (UNIMAS)           | Psychoemotional Support for Students (PS4-S)   | Social Innovations & Entrepreneur Management                              |
| 19  | Universiti Malaysia Sarawak (UNIMAS)           | STRATEGICMIND: SAFA-X INSIGHTS   | Social Innovations & Entrepreneur Management                              |
| 20  | Universiti Pendidikan Sultan Idris (UPSI)      | ElectronixLAB  | Education Technology & Pedagogy   |
| 21  | Universiti Pendidikan Sultan Idris (UPSI)      | E-Lounia: Mobile Application of The Numeracy Understanding Model for Alternative school                          | Education Technology & Pedagogy   |
| 22  | Universiti Pendidikan Sultan Idris (UPSI)      | Kit Simulasi Pilihan Raya: Jom Mengundi!   | Education Technology & Pedagogy   |
| 23  | Universiti Pertahanan Nasional Malaysia (UPNM) | Vehicle Alert Radar System   | Aviation and Transportation   |
| 24  | Universiti Teknologi Malaysia (UTM)            | Child Presence Detection (CPD) Dummy With Embedded Artificial Respiratory System                                 | Industrial and Product Design, Web Interface Design & Printing Technology |
| 25  | Universiti Teknologi Malaysia (UTM)            | Oil2Wang - Smart IoT Used Cooking Oil Collection Kiosk   | Protection of the Environment, Energy, Water, Wastewater, Sanitation      |
| 26  | Universiti Teknologi Malaysia (UTM)            | Structural Dynamic Monitoring For Ageing Offshore Platforms  | Energy & Green Technology   |
| 27  | Universiti Tun Hussein Onn Malaysia (UTHM)     | EthnoKIT©: Empowering Orang Asli for Sustainable Livelihoods   | Social Innovations & Entrepreneur Management                              |
| 28  | Universiti Tun Hussein Onn Malaysia (UTHM)     | Process Cycle Time Monitoring System (CTMS) For Line Balancing Studies In Production Lines With Conveyor Systems | Industrial and Product Design, Web Interface Design & Printing Technology |
| 29  | Universiti Tun Hussein Onn Malaysia (UTHM)     | AI-Assisted Diagnosis for Upper Limb Spasticity  | Healthcare, Personal Care Technology, Biotechnology and Life Sciences     |
| 30  | Universiti Tun Hussein Onn Malaysia (UTHM)     | Optical Glucometer   | Healthcare, Personal Care Technology, Biotechnology and Life Sciences     |
| 31  | University Malaysia Sarawak (UNIMAS)           | EcoChildCLO Mobile Application for Children Clothing Design  | Industrial and Product Design, Web Interface Design & Printing Technology |

## Virtual

| NO. | ORGANISATION   | INNOVATION TITLE   | CATEGORY  |
|-----|--|--|---|
| 1   | Cheng Shiu University  | An Internet of Things (IoT)-Based Master-Slave Regionalized Intelligent LED-Light-Controlling System | ICT   |
| 2   | Cheng Shiu University  | Facial-Image Identification System and Method Thereof  | ICT   |
| 3   | College of Engineering, Universiti Teknologi MARA, Shah Alam, Selangor | Alkalis Carbide Lime   | Protection of the Environment Water, Wastewater, Sanitation           |
| 4   | Edusar Resources Pte. Ltd.   | Creamy Dabai Milk  | Agriculture, Livestock & Horticulture, Aquacultures & Fisheries       |
| 5   | FACULTY OF PLANTATION AND AGROTECHNOLOGY                               | A Cheater Tracker  | Education Technology & Pedagogy                                       |
| 6   | GRAPE KING BIO LTD.  | Use of Bifidobacterium lactis GKK2 on improving allergic asthma                                      | Healthcare, Personal Care Technology, Biotechnology and Life Sciences |
| 7   | Incepixon DNS Sdn Bhd  | Telephone-based Domain Name Services   | ICT   |
| 8   | Majlis Amanah Rakyat (UniKL RCMP)                                      | 2-CAPS+_Chemopreventive Agent for Leukemia   | Healthcare, Personal Care Technology, Biotechnology and Life Sciences |
| 9   | Multimedia University  | MilkSOS: Connecting Breastfeeding Mothers for Babies' Human Milk Diet Needs                          | ICT   |
| 10  | Multimedia University  | Water Surface Drone for Environmental Water Monitoring and Surveillance                              | Protection of the Environment Water, Wastewater, Sanitation           |
| 11  | Multimedia University  | Landslide Area Prediction using Machine Learning and Unmanned Aerial Vehicle (UAV) Imaging           | Protection of the Environment Water, Wastewater, Sanitation           |
| 12  | Multimedia University  | Intelligent Bean De-Skinning Machine: A Pure Protein Source without Purine                           | Healthcare, Personal Care Technology, Biotechnology and Life Sciences |
| 13  | Omni Dawn Sdn Bhd  | Privacy - Multimode Internet Communication Portal  | ICT   |
| 14  | Pusat Latihan Tekmologi TInggi (ADTEC) Melaka                          | Penghapus Sarang Lebah (Beehive Eliminator)  | Disaster, Emergency and Crisis Management                             |
| 15  | Taiwan   | A Novel Extended Reality Based Medical Ultrasound Educational Platform                               | Healthcare, Personal Care Technology, Biotechnology and Life Sciences |

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|-----|--------------------------------------|---|--|
| 16  | Taiwan                               | KETIGENIC DIETARY EVALUATION SYSTEM AND OPERATION METHOD THEREOF  | Healthcare, Personal Care Technology, Biotechnology and Life Sciences                            |
| 17  | Taiwan                               | ZERO POINT PLATES   | Machinery, Equipment and Tools and Manufacturing Process (Heavy equipment, Industrial machinery) |
| 18  | Universiti Malaya                    | Low-carbon Pervious Geopolymer Concrete for Pavement incorporating Homebrewed Sodium Silicate and Palm Kernel Shell Biochar | Energy & Green Technology  |
| 19  | Universiti Sains Malaysia            | COOLIT-GEL®   | Energy & Green Technology  |
| 20  | Universiti Sains Malaysia            | SALTZERO air-dried wheat noodles  | Healthcare, Personal Care Technology, Biotechnology and Life Sciences                            |
| 21  | Universiti Sains Malaysia            | Flex EPG  | Healthcare, Personal Care Technology, Biotechnology and Life Sciences                            |
| 22  | Universiti Sains Malaysia            | StriataCare: a 3-in-1 topical cream for wound healing, antimicrobial protection and scar prevention                         | Healthcare, Personal Care Technology, Biotechnology and Life Sciences                            |
| 23  | Universiti Sains Malaysia            | CytoQuick Gel Kit: An effective cellular processing kit for clinical diagnostic and research applications                   | Healthcare, Personal Care Technology, Biotechnology and Life Sciences                            |
| 24  | Universiti Sains Malaysia            | ChewBee: A NOVEL CHEWABLE DIETARY SUPPLEMENT FROM STINGLESS BEE POT-POLLEN AND POTENTIAL FOR OBESITY .                      | Agriculture, Livestock & Horticulture, Aquacultures & Fisheries                                  |
| 25  | UNIVERSITI TEKNOLOGI MARA, SHAH ALAM | GREEN ASPHALT : THE SUSTAINABLE ASPHALT MIX FOR ROAD SURFACINGS   | Aviation and Transportation  |
| 26  | Universiti Teknologi Petronas        | Novus PDC Drill Bit   | Machinery, Equipment and Tools and Manufacturing Process (Heavy equipment, Industrial machinery) |
| 27  | Universiti Teknologi PETRONAS        | TherecoBlock  | Building   |
| 28  | University of Technology Sarawak     | ChickFeed - Sarawak Sustainable Chicken Feed  | Agriculture, Livestock & Horticulture, Aquacultures & Fisheries                                  |
| 29  | Yu Jun Biotechnology Inc.            | Use of CoCoa Shell Extract  | Healthcare, Personal Care Technology, Biotechnology and Life Sciences                            |