Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

UNIMAS - Faculty of Engineering		
No	**PRESENTER**	**INNOVATION TITLE**
1	Siti Kudnie bt Sahari	Green Production of Carbon-Based Nanomaterials from Sarawak Wetland Biomass
2	Nur Alia Athirah Binti Hj Mohtadzar	Miniaturized Battery-Free Wireless Systems for Wearable Nail Photoplethysmography
3	Abdul Rahman bin Kram	Smart Farming Communication via VLC-FSO Hybrid Network
4	Yanuar Zulardiansyah Arief	Palm Oil Methyl Ester–Nanofluids as Biodegradable Dielectric Liquid for Transformer Oil Application
5	Noraziah Binti Abdul Wahab	AlphaWater: UNIMAS Sustainable Water Treatment System
6	Dayang Salyani binti Abang Mahmod	I-Cage BioRepel Testing Chamber
7	Noraziah Binti Abdul Wahab	DAWAI: Decentralized AlphaWater Artificial Intelligence for Smart Water Management
8	Dayang Azra binti Awang Mat	Iot-based Industrial Gas Detector Helmet

UNIMAS - Faculty of Cognitive Sciences and Human Development		
No	**PRESENTER**	**INNOVATION TITLE**
1	Norhasmira binti Mohammad	CVMaXX©: AI-Powered Growth Detection System
2	Rehman Ullah Khan	A Multimodal Deep Learning Framework for Real-Time Sign Language Recognition and Natural Language Translation
3	Nor Mazlina binti Ghazali	Electronic Malaysia Counsellor Performance Indicator (E-MCPI) Mobile Application for Measuring Performance among Malaysian Counsellors.
4	Siti Atiyah binti Ali	The Sound of Learning: A Phoneme-Based Book with App Support for Early Literacy
5	Ahmad Sofian bin Shminan	AgriPECS : Mobile-Based Learning for Non-Verbal Learners in Agricultural Activities through PECS and Kanban Integration
6	Mark Edmund Kasa	Flow Experience Assessment in HR: A Mobile App for Hospitality Recruitment and Probation Decisions: Transforming validated psychometrics into practical digital tools for HR decision-making
7	Ross Azura Binti Zahit	Sarawak Mandala: Bridging Indigenous Art Therapy and Digital Mental Health
8	Ilyana binti Anas	AURA Solutions

Community-Driven University For a Sustainable World

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

UNIMAS - Faculty of Resource Science and Technology		
No	**PRESENTER**	**INNOVATION TITLE**
1	Sim Siong Fong	HEXACOOL - A Sustainable Coolant Formulated Locally For Superior Engine Performance And Protection
2	Nurashikin binti Suhaili	Next-Gen FermentCraft Toolkit
3	Bernard anak Maringgal	Durian Tree Crown Data Acquisition and Processing Using UAV-Based Remote Sensing
4	Chung Hung Hui	A T-Plex Real-Time PCR Assay for Detecting Disease-Resistant Single Nucleotide Polymorphisms (SNPs) in Tor tambroides (Empurau) Against Pseudomonas koreensis
5	Chung Hung Hui	Recombinant vaccines against Pseudomonas koreensis in Empurau Culture
6	Devagi a/p Kanakaraju	Green, Light-activated, Eco-Friendly, and Antibacterial Material (GLEAM): Ag/g-C3N4/TiO2
7	Micky ak Vincent	T-Halia - Indigenous Probiotic Drink
8	Bryan Voon Li Qi	Sarawak Liberica Coffee CPF : Agri-Tech and Regional Food Security Innovation
9	Teng Sing Tung	Application of Alginate-Encapsulated Hariotina compacta for Nutrient Removal in Aquatic Systems
10	Mohamad Hilmi bin Ibrahim	Process for Assessing Gas Exchange Dynamics in Tropical Plants under Simulated Climate Change Scenarios
11	Showkat Ahmad Bhawani	Silver Shield: Nanosilver Pet Spray

UNIMAS - Faculty of Medicine and Health Sciences		
No	**PRESENTER**	**INNOVATION TITLE**
1	Magdline Sia Henry Sum	Aptamer-Based Lateral Flow Assay for Rapid Detection of Chikungunya Virus
2	Siti Zaleha binti Raduan	Engkala Refresh & Boost: A Natural Approach to Functional Beverages
3	Dr Md Mizanur Rahman	RISES: A Game-Changer in Online Sexual and Reproductive Health Education for Adolescent

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

UNIMAS - Faculty of Computer Science and Information Technology		
No	**PRESENTER**	**INNOVATION TITLE**
1	Tan Chong Eng	BeachWatch: Retractable Solar Station for Crocodile Surveillance and Safety
2	Lau Sei Ping	W-QIP: Wi-Fi QoE Insight Probe for Proactive Network Diagnostics
3	Adnan Shahid Khan	Tiny Device, Powerful Defense: AI-Enhanced NIDS on Raspberry Pi for IoT Networks
4	Adnan Shahid Khan	Speed, Accuracy, Control: Intelligent License Plate Recognition Using YOLO and CNN
5	Adnan Shahid Khan	Fortifying Small Businesses: Scalable Zero Trust Architecture for Ultimate Security
6	Adnan Shahid Khan	SmartShield: AI-Driven Intrusion Detection with Logistic Regression
7	Adnan Shahid Khan	Blockchain Shield: A Novel Authentication Protocol for Robust IoT Security (BAP-IoT)
8	Adnan Shahid Khan	Building a Signature-Based IDS with Snort: Enhancing Security in Modern Networks
9	Adnan Shahid Khan	Securing Smart Industry: End-to-End IIoT Protection through Blockchain
10	Mohammad bin Hossin	Harnessing Digital Archives for the Preservation and Revival of Sarawak's Mukun Pantun
11	Stephanie Chua Hui Li	A-Eye
12	Suriati Khartini Binti Jali	TourAwak Trail: A Gamified XR Journey Bridging Heritage and Accessibility
13	Suriati Khartini Binti Jali	Herbal Heritage: A gamified eXtended Reality (XR)-enabled mobile application
14	Syahrul Nizam bin Junaini	CrimeCheck: A Web-Based GIS Crime Mapping Solution for Assault Crime in Kuala Lumpur
15	Chiew Kang Leng	Ai Dentist: Deep Learning-Driven Early Detection System for Tooth Decay

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

UNIMAS - Faculty of Applied & Creative Arts		
No	**PRESENTER**	**INNOVATION TITLE**
1	Mohd Najib bin Abdullah Sani	CABI Brace: An Affordable and Ergonomic Foot Abduction Brace for Needy Clubfoot Children Patients in Sarawak
2	Jong Sze Joon	Living XR Heritage: Dayak Performance Reimagined
3	Marzie Hatef Jalil	Tradigital AR Orang Ulu Collection: Motifs in Motion
4	Shaik Azahar Bin Shaik Hussain	Data Based Entry System II
5	Qistina Donna Lee Abdullah	Developing Digital Skills Module on Marketing Handicraft Products for Sarawak Rural Communities
6	Candida Jau Emang	Bridging Indigenous Community: A Participatory Documentary Framework for Community Empowerment
7	Aslina binti Mohd Jainal	mySEAVR – An Immersive Exploration of Marine Life through Augmented Reality
8	Noria Anak Tugang	Exploring the Legacy of the Wisdom of Ngepan Iban Attire Tradition as an Iban Icon in Sarawak.

UNIMAS - Centre for Information Technology Development & Services (CITDS) NIMAS - Faculty of Applied & Creative Arts		
No	**PRESENTER**	**INNOVATION TITLE**
1	Rafeah binti Wahi	Integrated Sustainability Information Management System (i-SIMS)
2	Mohd Razif Bin Baital @ Latif	REKA Cogna: Quick & Easy AI Integration and Agentification Tool
3	Hazman Ruzaini bin Sulong, Angelia Lim Ann Chee	Simple Queue System: A Digital Leap in Patient Flow Management for Healthcare Center
4	Majina binti Sulaiman	SPeeD 2.0: Advancing Strategic KPI Monitoring at UNIMAS

Labuan Faculty of International FInance, Universiti Malaysia Sabah		
No	**PRESENTER**	**INNOVATION TITLE**
1	Aminah Shari	UMS Stock Trading Competition (STC): Stock simulation learning through a stock game-based approach

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

UNIMAS - Chancellory		
No	**PRESENTER**	**INNOVATION TITLE**
1	Dayang Nor Hajijah Binti Awang Daud	Smart Ticket - Seamless & Secure Event Access
2	Dayang Nor Hajijah Binti Awang Daud	e-Donate Connect

Swinburne University of Technology Sarawak Campus		
No	**PRESENTER**	**INNOVATION TITLE**
1	Albe Chai Bing Zhe	Food Security and Improved Nutrition: A Smart Microalgae Incubator System for Small-Scale Home-Based Spirulina Cultivation
2	Jalal Tavalaei	Exploring State-of-the-Art Static Solar PV Arrangements Against Tropical Shading: A Practical Comparison with TCT, Honeycomb, and H-Bridge Configurations
3	Ivon Lim Tze Yin	Virtual Journeys, Real Impact: Bridging Rural Community-Based Homestays and Global Tourists through Digital Innovation.
4	Isaac Asante	Semantic Scene Understanding for Autonomous Indoor Mobile Robots
5	Kasic Ng Hui May	Digitalizing Green Finance and Clean Energy for Environmental Quality: Developed vs Emerging Countries
6	Marione Anne Foo	Fostering University Success with English Enhancement Program: A Forward-Looking Plan to Elevate Language Skills in Sarawak

Jabatan Kerja Raya Sarawak		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ir.Ts. Roslin Sebari	BQcliC - Building Quarters Clinic Card
2	Ts. Mohamad Qarib bin Abdul Hadi Khan	SPAP X-SYS System

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

UNIMAS - Faculty of Social Sciences & Humanities		
No	**PRESENTER**	**INNOVATION TITLE**
1	Regina Garai binti Abdullah	ROOTS to RESILIENCE: An Educational Framework for Indigenous Food Heritage and Sustainability Among the Iban of Rural Sarawak
2	Farah binti Zaini	Strengthening Land Rights with AURA: A Rule-Based GeoAI Tool
3	Nurul Huda binti Marwan	Model Perancangan Penggantian Kepimpinan Kesatuan Sekerja di Sarawak: Isu, Cabaran dan Pendekatan Holistik

UNIMAS - Faculty of Economics & Business		
No	**PRESENTER**	**INNOVATION TITLE**
1	Nur Farrahanie binti Ahmad Tarmizi	Empowering Malaysian Smallholder Palm Oil Farmers: A Carbon Credit System for Sustainable Growth
2	Evan Lau Poh Hock	ESG and SMEs in Malaysia: Empowerment through Reshaped Practices
3	Nazaria binti Md. Aris	CarbonWise: A Holistic Carbon Management System for Sustainable Manufacturing
4	Mohd Sabrun bin Ibrahim	When Going Green Goes Wrong: The Dark Side of Corporate Sustainability Reporting

UNIMAS - Faculty of Education, Language and Communication		
No	**PRESENTER**	**INNOVATION TITLE**
1	Siti Haslina binti Hussin	Modul Inovasi Sabun Daripada Minyak Masak Terpakai: Sayangi Alam, Jimat Belanja Dan Jana Pendapatan
2	Norazuna bt Norahim	Documenting Underresourced Language of Sarawak
3	Soo Ruey Shing	From Q Methodology to Q Pedagogy: Enhancing Undergraduates' Class Participation Through the Power of Subjectivity

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

Lembaga Lada Malaysia		
No	**PRESENTER**	**INNOVATION TITLE**
1	Zehnder Jarroop Augustine Mercer, Chen Yi Shang	PiperSpectral: UAV-Based Monitoring System for Efficient Farm Management

Universitas Panca Bhakti		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ika Muthya Anggraini	A Solar-Powered Clean Water Treatment Model to Achieve Sustainable Water Self-Sufficiency in Islamic Boarding Schools

University of Palangka Raya		
No	**PRESENTER**	**INNOVATION TITLE**
1	Lola Cassiophea	Low-Cost Hybrid IoT System for Real-Time Peatland Monitoring

Universiti Teknologi MARA (UiTM) SARAWAK		
No	**PRESENTER**	**INNOVATION TITLE**
1	Chiew Fei Ha	GeoPave AshBinder
2	Profesor Dr Ling Siew Eng	Competency-Based Video Conferencing Education Suite (CoViCES)
3	Dr Tuh Moi Hua	SPIN-AND-RACE: FINAL CHAPTER

International Islamic University Malaysia		
No	**PRESENTER**	**INNOVATION TITLE**
1	Anis Nurashikin Bt. Nordin	Nucleic Acid Sensor Coupled With Iot System
2	Prof Dr Azura Binti Amid	A Non-Invasive Rapid Screening Kit for Early Detection of Dengue Infection via Urinary Biomarker and Colorimetric Analysis

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

UNIMAS - Institute of Health and Community Medicine		
No	**PRESENTER**	**INNOVATION TITLE**
1	Wong Kiing Aik	Development of Reverse Transcriptase Loop-Mediated Isothermal Amplification (RT-LAMP) assay for Rapid Detection of Rabies in Sarawak

UNIMAS - Institute of Biodiversity and Environmental Conservation		
No	**PRESENTER**	**INNOVATION TITLE**
1	Samuel Lihan	PGPR BioBoost: Powered by Sarawak's Sago Rhizobacteria

Department of Agriculture, Sarawak		
No	**PRESENTER**	**INNOVATION TITLE**
1	Lai Lee San	Swiftscan: Rapid Field Test Kit for Citrus Greening Disease (CGD)

iCATS University College		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ts. Nurlaila Binti Rosli	Electrosteps

Pejabat Residen Bahagian Mukah		
No	**PRESENTER**	**INNOVATION TITLE**
1	Mohd Hafizul Rahman bin Nordin	Integrated Tourism Coordination and Monitoring System (INTOURCAMS)
2	Siti Hazerah binti Bolhi	Monitoring & Evaluation for Community Leaders Syatem (ME4CoL)

UNIMAS - Centre For Academic Information Services		
No	**PRESENTER**	**INNOVATION TITLE**
1	Huzaimah bt. Abdul Rani	Living Archive Toolkit 1.0

Community-Driven University For a Sustainable World

Bridging Ideas:
Research, Industry, and Community in Action

GOLD AWARD WINNERS

Sultan Sharif Ali Islamic University		
No	**PRESENTER**	**INNOVATION TITLE**
1	Azera Nasoha binti Azman	Strategic Halal Logistics Implementation for Strengthening the Local Halal Red Meat Industry in Brunei Darussalam

UNIMAS - Faculty of Built Environment		
No	**PRESENTER**	**INNOVATION TITLE**
1	Yon Syafni binti Samat	At the Heart of the Home: Interior Partitions in Sarawak River Malay Houses of the Brooke Era

UNIMAS - Institute of Borneo Studies		
No	**PRESENTER**	**INNOVATION TITLE**
1	Poline Bala	Localizing Global Goals: A Strategic Analysis of Sustainable Development Goals within Cahya Mata Sarawak Berhad

Borneo Institute for Indigenous Studies Universiti Malaysia Sabah		
No	**PRESENTER**	**INNOVATION TITLE**
1	Norita Jubit	The Geography of Crime: Exploring Property Crime in Kuching Across Time and Space

Universiti Pendidikan Sultan Idris		
No	**PRESENTER**	**INNOVATION TITLE**
1	Dr. Ahmad Wiraputra bin Selamat	GeoAttendance : The Implementation Of Geolocation In UPSI Staff Attendance System
2	Muhammad Hazlan Shah bin Idris	SISTEM MYQ ISO
3	Muchammad Bayu Tejo Sampurno	HYBRID POPUP CARDS (HIPOP) AN IMMERSIVE-HYBRID LEARNING EXPERIENCE

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

SILVER AWARD WINNERS

UNIMAS - Faculty of Engineering		
No	**PRESENTER**	**INNOVATION TITLE**
1	Siti Noor Linda bt Taib	Critical Appraisement of Slope Failure Contributing Parameters for Slope Risk Assessment System of Western Sarawak via Multi Statistical Approaches with Artificial Neural Network
2	Lidyana binti Roslan	D.O.O.M.S.T.E.R - Down-scaled On-Site Operating Module To Sequester and Trap Emission for Recovery
3	Mohd Ridhuan bin Mohd Sharip	Polypropylene/Ethylene-propylene-diene Monomer Blends for Potential Recyclable Power Cable Insulation Applications
4	Yonis. M.Yonis Buswig	Smart IoT Monitoring System for Dam Safety and Structural Health
5	Annie anak Joseph	Self Sustaining Smart Paddy Cultivating System and Disease Detection System
6	Yiin Chung Loong	Pioneering Green Valorization: Unlocking Lignin Wealth from Biomass with Deep Eutectic Solvents
7	Nazreen bt Junaidi	SmartEnergy AI: IoT for Smarter Homes
8	Md. Rezaur Rahman	Bamboo Nano-Cellulose with PVA Coated PVDF Hollow Fiber Membrane for Water Purification
9	Nazeri Abdul Rahman	eFLONOVA Bioplastic : Electrocoagulation Flocs from Sago Wastewater as An Innovation Material for Bioplastic Production
10	Annisa binti Jamali	AeroTrack-Cascaded MPC for Flight Stability
11	Annisa binti Jamali	Flexi-Knee Comfort Active

UNIMAS - Faculty of Medicine and Health Sciences		
No	**PRESENTER**	**INNOVATION TITLE**
1	Haniza bt. Sahdi	Newborn Clubfoot Screening Checklist
2	Siti Zaleha binti Raduan	Zebrafish Ecoflex System

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

SILVER AWARD WINNERS

UNIMAS - Faculty of Economics & Business		
No	**PRESENTER**	**INNOVATION TITLE**
1	Nur Farrahanie binti Ahmad Tarmizi	GreenFin Gauge: A Financial-Environmental Performance Scorecard for the Oil & Gas Tanker Industry
2	Mohd Sabrun bin Ibrahim	Towards Net Zero: Overcoming Barriers to Carbon Disclosure in Sarawak's Oil and Gas Sector

UNIMAS - Faculty of Resource Science and Technology		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ramlah binti Zainudin	Borneo Satellite Network (BoSaN) Digital Management System: Strategic Partnerships in Biodiversity Management
2	Farah Akmal bt. Idrus	Portable Automated Water Sampler (PAWS)
3	Samsur bin Mohamad	Puffer Fish Oil as a Novel Source of Omega-3 and Omega-6: A Dual Extraction Approach
4	Dayang Norafizan binti Awang Chee	FlyAway Gel: Indoor Fly Repellent
5	Tay Meng Guan	Additives for B20 Storage and Diesel Engine Protection As Well As Performance Enhancement
6	Surisa Phornvillay	Calamansi Essential Oil during Postharvest Storage
7	Safarina Binti Ahmad	Transforming Agro-Waste into Biofertiliser: A Sustainable Innovation for Future Crop Production
8	Teng Sing Tung	Freshwater Algae: Beginner kit
9	EASTERINA EMPINA ANAK EDWIN	The Invisible Shield Novel EniLvp02: Next-Gen Biodefence for Vibrio-Free Seafood & Smart Packaging
10	Lee Kui Soon	Production of probiotic animal feed from local plant resources
11	Lee Kui Soon	Lettuboost: An alternative for aquafeed
12	Faisal Ali Bin Anwarali Khan	Rimba Sarawak
13	Faisal Ali Bin Anwarali Khan	BatBase Borneo

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

SILVER AWARD WINNERS

UNIMAS - Faculty of Computer Science and Information Technology		
No	**PRESENTER**	**INNOVATION TITLE**
1	Chai Soo See	Virtual Reality and AI for Acrophobia Mitigation: Insights from EEG and Heart Rate Analysis
2	Sarah Flora Anak Samson Juan	EduCalendar: Enhancing Daily Planning for Students with NLP-Driven Event Automation
3	Lim Phei Chin	MySign: Malaysian Sign Language Recognition using Deep Learning
4	Amelia Jati Anak Robert Jupit	Exploring Hakka Dishes with Loi Sit Hakka Choi game
5	Adnan Shahid Khan	IoT and AI-Based Water Quality and Aquaculture Surveillance System for Freshwater Fish Farming

UNIMAS - Faculty of Applied & Creative Arts		
No	**PRESENTER**	**INNOVATION TITLE**
1	Syamiza binti Jeru	Tandas App
2	Anuar bin Ayob	SIRI-ART (Sarawak Indigenous Realities Immersion of Interactive Art and Projection Mapping Technologies)
3	Rahah bt. Hasan	FAHAMAN DAN FALSAFAH ISLAMIK DALAM REKAAN MOTIF SULAMAN PADA KERINGKAM MELAYU SARAWAK
4	Faridah binti Sahari	AQUASYS Integrated Aquaculture System

Swinburne University of Technology Sarawak Campus		
No	**PRESENTER**	**INNOVATION TITLE**
1	Hadi Nabipour Afrouzi	Solar-Powered Green Hydrogen Vehicle: A Small-Scale Prototype for Zero-Emission Transport
2	Jalal Tavalaei	Enhancing Sustainable Energy Access: Optimizing Photovoltaic Efficiency with Reflective Mirrors and Single-Axis Solar Tracking
3	Su Sueh Ing	From STEM to STREAM: Bridging Rural Sarawak's Learning Divide
4	Maggie Tang May Jean	Green Monetary Signals: Financing Malaysia's Net Zero Drive
5	Joel Than	AI Powered Chatbot for Sarawakian Tourists and Long Term Visitors

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

SILVER AWARD WINNERS

UNIMAS - Centre for Pre University Studies		
No	**PRESENTER**	**INNOVATION TITLE**
1	Nor Ika Shahirah binti Ramli	DataTrek: SQL Training Kit
2	Nor Ika Shahirah binti Ramli	ClueBytes: Uncovering the Saboteur through Applied Steganography in ICT Education
3	Iswan Nur Ariff bin Ismail	Scienceploration Activity Kit

UNIVERSITI SULTAN SHARIF ALI		
No	**PRESENTER**	**INNOVATION TITLE**
1	Hajah Norhafidah Jafaradin	Enhancing Halal-Conscious Consumer Behavior: A Study On The Knowledge, Attitude, And Practice Of Muslim Consumers In Purchasing Canned Food In Brunei Darussalam
2	Ummi Nazzimah Binti Abd Latif	A Study On Halal Assurance In Brunei's Informal Food Sector Among Street Vendors And Kiosk Operators

UNIMAS - Faculty of Built Environment		
No	**PRESENTER**	**INNOVATION TITLE**
1	Sitti Diana binti Tamjehi	Gamification as a Promoting Tool of Motivation for Creating Environmental Care Awareness.
2	Yon Syafni binti Samat	Conservation Forensics: Bridging Community Memory and Heritage Research through Lawas' Last Historic Structure

UNIMAS - Faculty of Cognitive Sciences and Human Development		
No	**PRESENTER**	**INNOVATION TITLE**
1	Abdulrazak Yahya Saleh Al-Hababi	AISafe: Proactive Protection - An AI-Powered Shield for the Student Community
2	Faizan Iza Binti Zainuddin	TakafulPro Explorer: A Gamified Mobile App to Empower and Retain Takaful Agents

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

SILVER AWARD WINNERS

Universiti Teknologi MARA (UiTM) SARAWAK		
No	**PRESENTER**	**INNOVATION TITLE**
1	Aiza Johari	MukunGo Rhythms of Sarawak

UNIMAS - Faculty of Education, Language and Communication		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ting Su Hie	Happy Scroll: Telling the mood of your scrolling

UNIVERSITI PERTAHANAN NASIONAL MALAYSIA		
No	**PRESENTER**	**INNOVATION TITLE**
1	Siti Azilah Atan	Soccer Simulation Running Protocol For Young Soccer Players

UNIMAS - Faculty of Social Sciences & Humanities		
No	**PRESENTER**	**INNOVATION TITLE**
1	Nicholas anak Gani	Co-Creating Heritage at Gua Sireh, Serian, Sarawak: A Community-Based Model for Sustainable Heritage Management

UNIMAS - Centre for Information Technology Development & Services (CITDS)		
No	**PRESENTER**	**INNOVATION TITLE**
1	Mahani binti Huja Husin	Digital Repository for Conferences & Expos

Sarawak Skills		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ts. Amirul Fitri bin Karim	Difficulties in Making Breakdown Report

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

SILVER AWARD WINNERS

Jabatan Kerja Raya Sarawak		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ts. Nur Lokman Bin Lokeng	Automatic Traffic Control Stand (ATRACS)

International College of Advanced Technology Sarawak - iCATS		
No	**PRESENTER**	**INNOVATION TITLE**
1	Fabian Halley Pata Alban Dattu	Optimizing Medical Equipment Reliability with Random Forest and Neural Network-Based Predictive Models

Lembaga Kemajuan Bintulu		
No	**PRESENTER**	**INNOVATION TITLE**
1	Jessica Landsay anak Andrew Abak	CPK - Innovation in Hardscape

Community-Driven University For a Sustainable World

Borneo InTEX 25
INTERNATIONAL TECHNOLOGY EXPO

Bridging Ideas:
Research, Industry, and Community in Action

BRONZE AWARD WINNERS

UNIMAS - Faculty of Engineering		
No	**PRESENTER**	**INNOVATION TITLE**
1	Nazeri Abdul Rahman	eBOREAL-REE : Rare-Earth Element Production as By-product of Electrocoagulation Treatment of Borneo Peat Water
2..	Shamsiah bt. Suhaili	Power Efficiency in Unfolding RIPEMD-160: Dynamic Power Analysis Using Gray Encoding in FPGA Design
3	Yonis. M.Yonis Buswig	Iot-Based Flood Monitoring And Alerting System Using Arduino Uno And Gsm
4	Kuryati bt Kipli	Integration of Solar Energy and AIOT for Smart Chicken Poultry Farming
5	Khairul Anwar bin Mohamad Said	PhotoH2: Sunlight to hydrogen gas
6	Mohamad Syazwan Zafwan bin Mohamad Suffian	Development of IoT-Enabled Smart Feeding System For Multi-Pet Households
7	Mohd Azrin bin Mohd Said	IEWRA Application: Empowering Worker Safety with Innovative Indoor Environmental Risk Assessment for SME
8	Mahshuri binti Yusof	Waste not, paper more: Reinventing sugarcane baggase
9	Nor Azalina binti Rosli	Utilizing Sewage Sludge Ash (SSA) as a Clay Replacement for Brick Production
10	Mohd Azrin bin Mohd Said	WHSCI Application: Enhancing Worker Safety through Intelligent Heat Stress Indexing in SME
11	Mohamad Ismanazreen bin Iman	Smart Car Window for User Safety – Safetar
12	Marini Binti Sawawi	Nypa Ash Membrane For Clean Water

Swinburne University of Technology Sarawak Campus		
No	**PRESENTER**	**INNOVATION TITLE**
1	Nivakan Sritharan	Impacts of Environmental Taxes on Sustainable Development Goals
2	Choi Meng Leong	Enhancing Industry-Ready Competencies in Finance and Economics Through the T-SURE-R Pedagogical Model

Bridging Ideas:
Research, Industry, and Community in Action

BRONZE AWARD WINNERS

UNIMAS - Faculty of Education, Language and Communication		
No	**PRESENTER**	**INNOVATION TITLE**
1	Soubakeavathi A/P Rethinasamy	EduTour Xplore
2	Ting Su Hie	Lengilo Archive

UNIMAS - Faculty of Resource Science and Technology		
No	**PRESENTER**	**INNOVATION TITLE**
1	Hairul Azman @ Amir Hamzah bin Roslan	BioLaccX™ – The Smart Enzyme for Pest Control & Pollution Cleanup
2	Ainaa Nadiah binti Abd Halim	Xanthera Hand Cream
3	Rachel Marcella anak Roland	Cellulose-based Hybrid Imprinted Membrane a Solution for Remediation of Agrochemicals
4	Hashimatul Fatma binti Hashim	Autoclave Bacteria
5	Lee Kui Soon	Production of Poultry feed from sago plant
6	Teng Sing Tung	Aquafeed Innovation: Freeze-Dried Native Rotifers
7	Dency Flenny anak Augustine Gawin	Kembara Zoology for Community
8	Junidah binti Lamaming	Fre-NyShield-Flame Retardant Composite from Nipah

UNIMAS - Faculty of Economics & Business		
No	**PRESENTER**	**INNOVATION TITLE**
1	Mohd Sabrun bin Ibrahim	The Hidden Cost of Influence: Are Political Connections Undermining Corporate Performance?

Universiti Islam Sultan Sharif Ali		
No	**PRESENTER**	**INNOVATION TITLE**
1	Siti Nur Affina Binti Halid Khan	Color-coded Labelling of Food Additives: A Concept Towards Maintaining Food Labelling Transparency

Bridging Ideas:
Research, Industry, and Community in Action

BRONZE AWARD WINNERS

Prince Mohammad Bin Fahd University		
No	**PRESENTER**	**INNOVATION TITLE**
1	Danish Ahmed	ML-Based Prediction of Raft Bearing Capacity on Stone Columns in Soft Clay Using PLAXIS 3D and Neural Networks

UNIMAS - Faculty of Social Sciences & Humanities		
No	**PRESENTER**	**INNOVATION TITLE**
1	Bemen Wong Win Keong	From Policy Gaps to Practical Solutions: A Framework for Community Learning Centres (CLCs) in Sarawak's Oil Palm Plantations

i-CATS University College		
No	**PRESENTER**	**INNOVATION TITLE**
1	Emilda Edwin Samaie	Scraps to Soil, turns Trash to Treasures

UNIMAS - Institute of Biodiversity and Environmental Conservation		
No	**PRESENTER**	**INNOVATION TITLE**
1	Samuel Lihan	Footbomb from Cassia alata Linn. Roots Extract

Universitas Panca Bhakti		
No	**PRESENTER**	**INNOVATION TITLE**
1	Arif Parabi	Water treatment infrastructure with surface water sources in rural area on border of Kalimantan

Universiti Teknologi MARA Cawangan Sarawak Kampus Mukah		
No	**PRESENTER**	**INNOVATION TITLE**
1	Arif Azizi Che Harun	Biofloc Starter Kit

Bridging Ideas:
Research, Industry, and Community in Action

BRONZE AWARD WINNERS

Jabatan Kerja Raya Sarawak		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ts. Andrea anak Sow	Cement Screed Intelligent Scanner

UNIMAS - Faculty of Computer Science and Information Technology		
No	**PRESENTER**	**INNOVATION TITLE**
1	Ling Yeong Tyng	PASSWORD MANAGEMENT SYSTEM WITH AES-256 AND PBKDF2 ENCRYPTIONS