

MIIX 26

MALAYSIA INVENTION AND INNOVATION EXPO 2026

ONE INNOVATION • LIMITLESS IDEAS • BOUNDLESS IMPACT



379

TOTAL PROJECTS



1,961

TOTAL PARTICIPANTS



4

CATEGORIES



100%

ONLINE EXPO

PARTICIPANTS FROM 4 COUNTRIES



MALAYSIA



INDONESIA



THAILAND



PHILIPPINES

ORGANISED BY



DIGIT360
Driving Innovation Forwards

DIGIT360 Sdn Bhd – UiTM Startup Company

HOSTED BY



UNIVERSITI
TEKNOLOGI
MARA

Cawangan
Kelantan

STRATEGIC PARTNERS



INDIAN INNOVATORS
ASSOCIATION
Voice of Indian Innovators



ALL CONFERENCE ALERT
ACADEMIC CONFERENCES AT A GLANCE



<https://miix.my>



<https://registro.miix.my>



<https://t.me/miixsupport>



miix22.secretariat@gmail.com



<https://t.me/digit360hq>

MESSAGE FROM THE DIRECTOR

Assalamualaikum warahmatullahi wabarakatuh and a very good day.

It is with great pleasure and pride that I welcome you to the Malaysia Invention and Innovation Expo 2026 (MIIX26). Now in its fifth edition, MIIX continues to grow from strength to strength, serving as a dynamic platform that brings together brilliant minds from diverse backgrounds to showcase innovations that have the potential to shape a better tomorrow.

This year, we have received 379 remarkable projects from 1,961 participants across four competitive categories. Each innovation reflects not only creativity and technical excellence but also a strong commitment towards solving real-world challenges and improving lives.

MIIX26 is more than just an exhibition. It is a celebration of curiosity, perseverance, and the entrepreneurial spirit that drives nations forward. I commend all participants for their courage to innovate and for contributing fresh ideas that can make a lasting impact on our society.

To our judges, partners, sponsors, and organizing committee, thank you for your unwavering support in making MIIX26 a success. Together, let us continue to nurture a culture of innovation that transcends boundaries and empowers future generations.

Let the innovations begin!



Ts. Dr. Mohamad Rahimi Mohamad Rosman
Director
Malaysia Invention and Innovation Expo 2026 (MIIX26)



CATEGORIES OVERVIEW



DIAMOND AWARD WINNERS

Honouring the most outstanding innovations that demonstrate exceptional creativity, impact and excellence.



EXPERT INNOVATOR

EX277

HydroSense : IoT-Enabled Monitoring and Notification System for Real-Time Water Quality Management

WINNER

Prof. Ir. Dr. Herlina Abdul Rahim

ORGANISATION

Universiti Teknologi Malaysia



UNIVERSITY STUDENT INNOVATOR

US368

Spectral Crime Analysis Network Game with Augmented Reality for Sustainable Learning of UV-Vis Spectroscopy

WINNER

Abbas Ali bin Iftikhar Hussain

ORGANISATION

Universiti Pendidikan Sultan Idris



HIGH SCHOOL INNOVATOR

HS512

LIB-PI: Smart AI Library Book Monitoring and Notification System with Paperless Innovation

WINNER

Nurul Farhah Binti Hamidi

ORGANISATION

Maahad Tahfiz Negeri Pahang



JUNIOR SCHOOL INNOVATOR

JS513

PAWLY SMART PET APP

WINNER

Joo Abbygail

ORGANISATION

SJKC Foon Yew 2



“ Innovation is the bridge between imagination and impact. These winners have turned ideas into a better tomorrow. ”



SPECIAL AWARD WINNERS

Recognising excellence and impact across diverse fields of innovation.

NO.	AWARD CATEGORY	CODE	PRODUCT / INNOVATION	WINNER	ORGANISATION
1	 SUSTAINABILITY INNOVATION SPECIAL AWARD	EX251	THE MOBILE STEM LAB	Muhammad Zahran Bin Yaacob	SK Danau Kota
2	 EDUCATIONAL INNOVATION SPECIAL AWARD	EX352	TunasBit: Inovasi Digital-Interaktif untuk Meningkatkan Kemahiran Pertanian dan Motor Halus Murid Berkepeluan Pendidikan Khas (MBPK)	Ayu Ashilla Binti Mustapa	SMK Sungai Manggis
3	 ENGINEERING INNOVATION SPECIAL AWARD	EX177	Engineering MetaLab Pro	Asst. Prof. Dr. Kirandeep Kaur	Universiti Tenaga Nasional
4	 ARCHITECTURE INNOVATION SPECIAL AWARD	EX438	Flexible Cadmium Telluride Solar Cells on Ultra-Thin Glass Substrate	Dr. Nur Irwany Binti Ahmad	Universiti Malaysia Perlis
5	 SOCIAL SCIENCE INNOVATION SPECIAL AWARD	EX263	Transformasi Bait dan Irama Melayu Tradisi Cempaka Sari dalam Misa Melayu Melalui Media Baharu	Dr. Afidatul Syazwani Binti Afandi	Universiti Malaysia Kelantan
6	 SCIENCE & TECHNOLOGY SPECIAL AWARD	EX27	MetaMind: A Metaverse Platform for Cognitive Learning Enhancement	Ian Shen Goh	Taylor's University
7	 SPECIAL NEEDS INNOVATION SPECIAL AWARD	US453	MediGuard: AI-Powered Autonomous Medical Screening for Underserved Communities	Harshayn A/L Vythilingam	Asia Pacific University

BEST VIDEO & BOOTH AWARD WINNERS



EXPERT INNOVATOR

EX244

UForce: Security & Patrol Management System

WINNER

Khairilzamrie Bin Rosle

ORGANISATION

Universiti Malaysia Sarawak



HIGH SCHOOL INNOVATOR

HS206

Buzz-Eco: Eichhornia Crassipes Dried Biomass Conversion into a Mosquito Repellent Lotion

WINNER

Steve Wirajaya

ORGANISATION

Stella Gracia School Makassar



JUNIOR SCHOOL INNOVATOR

JS2

STESEN PINTAR (STEP)

WINNER

Suraya Jasmin Binti Samrizat Sazli

ORGANISATION

SK Nilai Impian



★ TOP 5 WINNERS OVERVIEW



EXPERT INNOVATOR

TOP 5 PROJECTS

5

Projects

EX277
EX352
EX27
EX438
EX177



UNIVERSITY STUDENT INNOVATOR

TOP 5 PROJECTS

5

Projects

US368
US92
US182
US266
US20



HIGH SCHOOL INNOVATOR

TOP 5 PROJECTS

5

Projects

HS512
HS12
HS187
HS313
HS387



JUNIOR SCHOOL INNOVATOR

TOP 5 PROJECTS

5

Projects

JS513
JS463
JS515
JS212
JS34

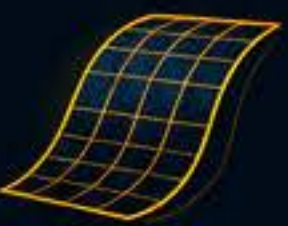


TOP 5 AWARD EXPERT INNOVATOR



Ts. Dr. Mohamad
Rahimi Mohamad
Rosman
Director
MIIX 2026

Honouring visionary innovators and professionals whose expertise and innovation create meaningful impact.

CODE	PRODUCT / INNOVATION	WINNER
EX277	 HydroSense : IoT-Enabled Monitoring and Notification System for Real-Time Water Quality Management	Prof. Ir. Dr. Herlina Abdul Rahim
EX352	 TunasBit: Inovasi Digital-Interaktif untuk Meningkatkan Kemahiran Pertanian dan Motor Halus Murid Berkepetluan Pendidikan Khas (MBPK)	Ayu Ashilla binti Mustapa
EX27	 MetaMind: A Metaverse Platform for Cognitive Learning Enhancement	Ian Shen Goh
EX438	 FLEXIBLE CADMIUM TELLURIDE SOLAR CELLS ON ULTRA-THIN GLASS SUBSTRATE	Dr. Nur Irwany Binti Ahmad
EX177	 Engineering MetaLab Pro	Asst. Prof. Dr. Kirandeep Kaur

JUDGING CRITERIA


Innovation & Creativity


Significance & Impact


Technical Excellence


Practical Applicability


Market Potential


Scientific Rigor


IP Protection Potential


Presentation & Communication


Ethical Considerations


Originality & Uniqueness

“ The future belongs to those who invent it. Your ideas today build the world of tomorrow. ”





PARTICIPATION STATISTICS

MIIX26 continues to inspire innovators across all levels and borders. Here's a look at the participation overview for 2026.

TOTAL PROJECTS
379

TOTAL PARTICIPANTS
1,961

TOTAL CATEGORIES
4

COUNTRIES REPRESENTED
4

PARTICIPATION BY CATEGORY

CATEGORY	PROJECTS	PARTICIPANTS	PERCENTAGE
 EXPERT INNOVATOR	89	412	 23.5%
 UNIVERSITY STUDENT INNOVATOR	204	1,002	 53.2%
 HIGH SCHOOL INNOVATOR	52	312	 16.1%
 JUNIOR SCHOOL INNOVATOR	34	235	 7.2%
TOTAL	379	1,961	100%

*Percentages are calculated based on total projects.

COUNTRIES REPRESENTED

**MALAYSIA**
PROJECTS: 312
PARTICIPANTS: 1,540

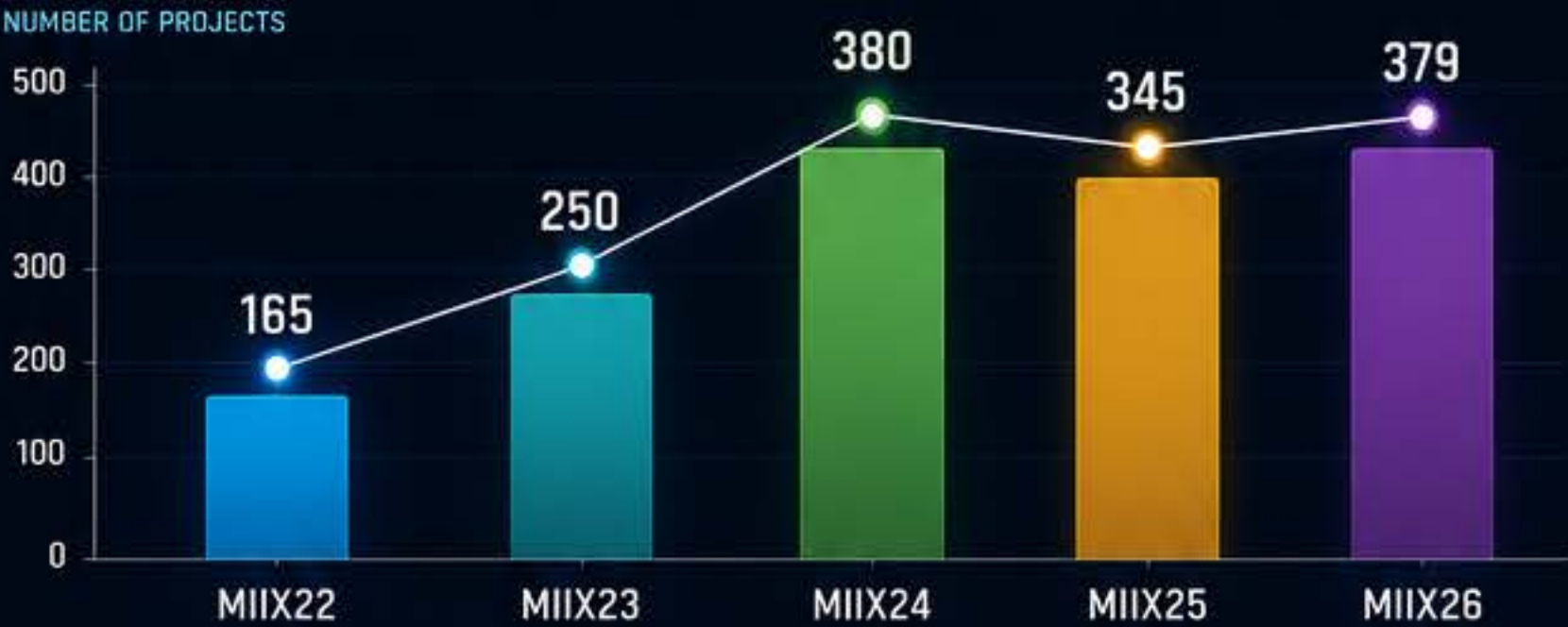
**INDONESIA**
PROJECTS: 38
PARTICIPANTS: 198

**THAILAND**
PROJECTS: 19
PARTICIPANTS: 128

**PHILIPPINES**
PROJECTS: 10
PARTICIPANTS: 95

**TOTAL 4 COUNTRIES**
FROM DIVERSE BACKGROUNDS UNITED BY INNOVATION

5-YEAR PARTICIPATION TREND (PROJECTS)



GROWTH HIGHLIGHTS

Consistent growth in innovation participation

Strong comeback in MIIX26 with 379 projects

Expanding global reach across 4 countries

Driving creativity, collaboration and impact every year

“ Every number represents an idea. Every idea has the power to change the world. ”