



PROGRAMME BOOK

CompEx 2025

INTERNATIONAL INNOVATION AND INVENTION
COMPETITION THROUGH EXHIBITION

In Cooperation with :



Recognized :



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YB DATUK TS. MUSTAPHA SAKMUD
DEPUTY MINISTER OF
HIGHER EDUCATION



WELCOMING **MESSAGE**

Bismillahirrahmanirrahim.

Assalamualaikum Warahmatullahi Wabarakatuh,

This year's theme, "Towards AI-Driven Innovation and Invention", is not just a slogan but it is a call to action. It reminds us that when technology is combined with creativity, we can build a future that is more sustainable, inclusive and forward-looking.

On behalf of the organisers, I would like to extend our warmest welcome and heartfelt appreciation to all distinguished guests, participants, and supporters. A special welcome to our international delegates from Thailand, Indonesia, China, the United Kingdom, and Arab countries, whose presence enriches this event with global perspectives.

I would also like to commend Politeknik Sultan Abdul Halim Mu'adzam Shah (POLIMAS) and the dedicated organising committee. Your unwavering efforts have ensured the continued success of iCompEx, helping to nurture innovation and position Malaysia as a regional leader in research and creativity.

This year, iCompEx 2025 has brought together 401 innovation projects and 113 TVET pitching, each presenting ideas and inventions that reflect not only technical ingenuity, but also a strong sense of social awareness and responsibility.

To all participants, judges, mentors, and industry collaborators – thank you for your commitment, collaboration, and belief in innovation. Your passion and perseverance are what drive the spirit of discovery forward.

With that, I once again welcome you all and wish everyone a meaningful and inspiring conclusion to this year's iCompEx.

Wassalamualaikum Warahmatullahi Wabarakatuh,

Thank you.

WELCOMING

MESSAGE

Bismillahirrahmanirrahim.

I would like to extend my warmest congratulations to Politeknik Sultan Abdul Halim Mu'adzam Shah (POLIMAS), especially the Research, Innovation, and Commercialization Unit (UPIK), for successfully organizing this impactful and meaningful event.

This year's theme, "Towards AI-Driven Innovation and Invention," is a timely and relevant call for action. Today, Artificial Intelligence and human creativity are no longer seen as separate forces, but they are powerful allies. AI is transforming how we design, create, and solve problems. When combined with human ingenuity, the outcomes can be truly transformative. Educational institutions have a vital role to play in nurturing this potential. We must work towards integrating AI literacy across disciplines, supporting ethical innovation, and building inclusive environments where students can explore and innovate safely.

DATO' DR HAJI MOHD ZAHARI BIN ISMAIL
DIRECTOR GENERAL OF POLYTECHNIC AND
COMMUNITY COLLEGE EDUCATION

I am also proud to share that iCompEx 2025 has received an impressive total of 401 innovation projects and 113 TVET pitching, across 9 categories, including participation from international innovators representing Thailand, Indonesia, China, the United Kingdom, and several Arab nations. This diversity reflects the growing global interest in innovation and knowledge-sharing.

To all participants, supporters, collaborators, and partners I would like to say thank you for your commitment and contribution to the success of this year's event. Your dedication is what makes iCompEx a valuable platform for innovation, collaboration, and growth.

As we close this chapter, let us remember that AI is not here to replace our creativity—it is here to elevate it. Let us continue moving forward with innovation at the core, and creativity as our guide.





ROSLI BIN IDRIS
DIRECTOR POLITEKNIK
SULTAN ABDUL HALIM
MU'ADZAM SHAH

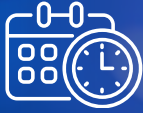
WELCOMING **MESSAGE**

Grateful to Allah S.W.T, whose permission and grace have allowed us to come together once again to make the International Innovation and Invention Competition Through Exhibition (iCompEx) 2025 a resounding success. This year marks the 13th edition of iCompEx, an initiative proudly spearheaded by POLIMAS. iCompEx 2025 is held under the inspiring theme, "Towards AI-Driven Innovation and Invention," which reflects our collective aspiration to harness the power of artificial intelligence in shaping future innovations and creative solutions. We are truly honoured to welcome our international participants and collaborators from Thailand, Indonesia, China, the United Kingdom, and the Arab region who have joined us in this spirit of global collaboration and knowledge sharing. Heartfelt congratulations and sincere appreciation go to all members of the executive committee for their unwavering dedication and tireless efforts in organizing this remarkable event.

iCompEx serves as a dynamic platform for showcasing cutting-edge ideas, groundbreaking inventions, and technological advancements. In alignment with this year's theme, "Towards AI-Driven Innovation and Invention," the competition encourages the exploration of intelligent technologies and their applications across various disciplines. It fosters meaningful interactions among students, researchers, inventors, industry players, and academic institutions—promoting cross-disciplinary collaboration and celebrating creativity.

This competition is a vital avenue for the exchange of knowledge, the pursuit of technological excellence, and the promotion of commercialization opportunities, especially in the realm of AI-enhanced innovation. Outstanding innovations presented during iCompEx 2025 will be given the opportunity for further research development and publication under various institutional research and commercialization units. We believe that iCompEx 2025 will not only highlight exceptional innovations but also ignite deeper interest in AI-driven solutions, contributing significantly to the advancement of Technical and Vocational Education and Training (TVET), national development, and global competitiveness. Once again, thank you to all presenters, participants, judges, and members of the organizing committee. Your commitment and contributions are truly invaluable to the continued success and excellence of iCompEx.

EVENT SCHEDULE



12.08.2025
Tuesday

- Registration Booth Preparation



13.08.2025
Wednesday

8 AM – 8.30 AM

- Preparation for the Innovation Project Competition
- Registration of TVET Pitching Competition

8.30 AM – 4.30 PM

- Exhibition and Evaluation of:
 - Innovation Project Competition
 - TVET Pitching Competition
- Exhibition from: Myipo, Drone Tech Imaging (DTI), Jabatan Alam Sekitar (JAS), Arkib Negara Malaysia (ANM) and Universiti Kebangsaan Malaysia (UKM)

4.40 PM – 5 PM

- Closing ceremony of TVET Pitching Competition



14.08.2025
Thursday

8.30 am – 10.00 am

- Exhibition and Evaluation of Innovation Project Competition

10.00 am – 12.00 pm

- Special Session with Celebrity Guest: “Technology and Islam” by Ustaz Yeop (PU Yeop)

2.30 pm – 5.00 pm

- Opening & Closing Ceremony at Dewan Sri Mas, Polimas

OPENING & CLOSING CEREMONY

2.00 PM

- Arrival of Guests and VIPs
- Arrival of Yang Berhormat YB Datuk Ts. Mustapha Sakmud, Deputy Minister of Higher Education accompanied by:
- Director General of Polytechnics Education and Community College
- Director of POLIMAS
- Deputy Vice Chancellor of UKM



14.08.2025 (Thursday)
2.00 pm – 5.00 pm

2.45 PM

- Arrival of Guests and VIPs
- Arrival of YB Datuk Ts. Mustapha Sakmud, Deputy Minister of Higher Education accompanied by:
 - Director of Research and Innovation Center (PPI)
 - Deputy Vice Chancellor of UKM
 - Deputy Director (Academic) of POLIMAS
 - Director of iCompEX 2025
- National and State Anthems: Negaraku & Kedah State
- Welcoming Remarks by the Master of Ceremony
- Du'a Recitation
- Review and Feedback by Chief Evaluator
- Viewing iCompEx Documentary
- Welcoming Speech by Yang Berusaha Dr. Hjh. Shahiza binti Dato' Hj. Ahmad Zainuddin, Director of Research and Innovation Center (PPI)
- Officiating Speech by Yang Berhormat Datuk Ts. Mustapha Sakmud, Deputy Minister of Higher Education
- Opening Gimmick and Montage
- Malaysia Book of Records Certificate Presentation: "Largest Participation In An AI Module Invention Course"
- Award Presentation to Winners of iCompEx 2025 Innovation Project (Best Innovation & Special Award)
- Token of Appreciation to YB Datuk Ts. Mustapha Sakmud
- Closing Remarks
- Photo Session and VIP Procession Exit
- Press Conference

5.00 PM

- Refreshments

MAIN COMMITTEE

iCompEx 2025

PATRON

Prof. Dr. Jamia Azdina Jamal

Deputy Vice Chancellor (Research and Innovation Affairs)
Universiti Kebangsaan Malaysia (UKM)

PATRON I

Dato' Dr. Haji Mohd Zahari bin Ismail

Director General of the Department of Polytechnic and Community College Education

PATRON II

Dr. Hilmi, S.E., M.Si., Ak., CA.

Director, Politeknik Aceh

ADVISOR I

Ybrs. Dr. Shahiza binti Ahmad Zainuddin

Director, Polytechnic Research and Innovation Centre, JPPKK

ADVISOR II

Prof. Dato' Ir. Dr. Mohammad Syuhaimi Ab Rahman

Dean, Faculty of Engineering and Built Environment, UKM

ADVISOR III

Mr. Thanit Tanparn

Director of Phatthalung Technical College, Thailand

Desy Puspita

Director of Politeknik Kutaraja, Indonesia

CHAIRPERSON

Prof. Ir. Dr. Norhana Arsad

Deputy Dean of Research and Innovation

CO-CHAIRPERSON

Tuan Haji Rosli bin Idris

Director of POLIMAS

VICE CHAIRPERSON

Dr. Mhd Azmin bin Mat Seman

Deputy Director (Academic), POLIMAS

En. Hamizi bin Yahya

Deputy Director (Academic Support),
POLIMAS

CO-VICE CHAIRPERSON 1

Dr. Anwar bin Hamid @ Pa

Deputy Director, Centre for Research and
Innovation, JPPKK

CO-VICE CHAIRPERSON

Dr. Suhaini binti Mat Daud

Chairperson, Research & Innovation
Committee, POLIMAS

PROGRAM DIRECTOR

Ts. Azimah binti Ismail

Politeknik Sultan Abdul Halim Mu'adzam
Shah

CO-PROGRAM DIRECTOR

Assoc. Professor Ts. Dr. Rosiah binti Rohani

Department of Chemical and Process
Engineering

DEPUTY PROGRAM DIRECTOR I

Ts. Izyan Wahida binti Zainudin

Politeknik Sultan Abdul Halim Mu'adzam
Shah

CO-DEPUTY PROGRAM DIRECTOR I

Dr. Noorhelyna Razali

Head, Centre for Engineering Education
Research (P3K),
Universiti Kebangsaan Malaysia

DEPUTY PROGRAM DIRECTOR II

Muhammad Syamsul bin Che Su

Politeknik Sultan Abdul Halim Mu'adzam Shah

CO-DEPUTY PROGRAM DIRECTOR II

Dr. Aqilah Baseri Huddin

Department of Chemical Electrical, Electronic and Systems Universiti Kebangsaan Malaysia

DEPUTY PROGRAM DIRECTOR III

Ts. Haji Afzanizam bin Alias

Politeknik Sultan Abdul Halim Mu'adzam Shah

CO-DEPUTY PROGRAM DIRECTOR III

Dr. Mohammad Firdaus bin Ani

Centre for Research and Innovation, JPPKK

SECRETARY (POLIMAS)

Siti Salwa binti Samsuri

Amirah binti Othman

SECRETARY (UKM)

Dr. Nuryazmin Ahmat Zainuri

Dr. Norazreen Ab Aziz

Ms. Malini Ali @ Ismail

FINANCE AND PAYMENT SYSTEM (UKM)

Universiti Kebangsaan Malaysia

Dr. Farizah Ansarudin

Office of the Deputy Dean of Research and Innovation

Dr. Nur Tantiyani Ali Othman

Department of Chemical and Process Engineering

Dr. Norhidayah Mat Taib

Department of Mechanical and Manufacturing Engineering

Dr. Nur Arzilah Ismail

Department of Engineering Education

Mr. Mohd Hatta Mohamed Halip

Information Technology Centre, UKM

Puan Norkhuzaimah Moksini

Office of Research & Innovation, Faculty of Engineering and Built Environment (FKAB)

FINANCE AND PAYMENT SYSTEM (POLIMAS)

Noorashikin binti Harun @ Che Ani

Politeknik Sultan Abdul Halim Mu'adzam Shah

TREASURER (POLIMAS)

Wan Mashitah binti Yusof

Politeknik Sultan Abdul Halim Mu'adzam Shah

ASSISTANT TREASURERS (POLIMAS)

Nurul Nadiatul Shamimi binti Rusli

Nurul Mulia binti Ismail

INTERNATIONAL PROMOTION

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Department of Chemical and Process Engineering

Dr. Haslina Jaa'far

Department of Architecture and Built Environment

Dr. Ros Nadiyah Rosli

Department of Civil Engineering

Dr. Farizah Ansarudin

Office of the Deputy Dean of Research and Innovation

Dr. Abdul Hadi Azman

Department of Mechanical and Manufacturing Engineering

Dr. Syahirah Abdul Halim

Department of Electrical, Electronic and Systems Engineering

Dr. Ang Wei Lun

Department of Chemical and Process Engineering

Puan Nur Farah Liza Ramli

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Encik Arman Sham Abdul Wahid

ICT, FKAB

Indra Akbar

Politeknik Kutaraja, Indonesia

Mirnawati

Politeknik Kutaraja, Indonesia

Nurul Mawaddatul Ulya

Politeknik Kutaraja, Indonesia

Fitriady

Politeknik Aceh, Indonesia

Zoel Fachri

Politeknik Aceh, Indonesia

Sabarnaiti

Politeknik Aceh, Indonesia

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Dr. Nur Farahah binti Mohd Khairuddin

FOOD & LOGISTICS (UKM)

Dr. Afifah Zakiyyah Juri (Head)

Dr. Siti Salasiah Mokri

Dr. Noraishikin Zulkarnain

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Razlina binti Romli

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Ezattulakmar binti Amir Hamzah

Siti Noraiswani binti Ismail

Norliza binti Md. Yusof

Noorazimah binti Mat Alias

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Nur Dini binti Hashim

Noraini binti Mohd Banua

Nurul Shakirah binti Mohd Zawawi

Noorheeza binti Mohd Zaidin

Nurr Hidayah binti Abdus Salam

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Mohd Yusri bin Abdul Rahim

Azzamurni binti Mohtar

Shahrom binti Mat Noh

Zurina binti Salleh

Suhaila binti Mat Isa

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VENUE PREPARATION COMMITTEE

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Sofian bin Yusoff

Mohamad Firdaus bin Mohamad Rozi

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Siti Nor A'khidah binti Samsudin (Head)

Mohd Hasrul Nizam bin Hamsani

BROADCASTING COMMITTEE

Nik Syamsul Baharum bin Nik Bahari Shah (Head)

Mohd Nazri bin Anuar

Mohd Hafizul Husaini bin Md Hussain

Muhammad Ikmal bin Ibrahim

Mohd Zakaria bin Abd Rahman

LANGUAGE EDITOR

Suzana binti Ahmad (Head)

MASTERS OF CEREMONY (EMCEES)

Ivanatasha binti Abdul Majid

Saiful bin Mohamed Shuib

PRAYER RECITER

Md Hilmy bin Sulaiman (Head)

TVET PITCHING MODERATOR

Nik Intan Baizura binti Ramsa(Head)

INNOVATION CLUSTER

RUSLINDA BINTI KARYA (HEAD)

INNOVATION PROJECT REGISTRATION COMMITTEE

Asmawati binti Mohd Yusop (Head)

Noor Azlina binti Abd Rahim

Nur Ashikin binti Lakman

Norhayati binti Mohamad

Zulkarnain bin Ahmad

Norma binti Mokhtar

Meor Hishamuddin bin Meor Shanaini @ Meor Nasaruddin

Salma binti Yahya

Noorhaneza binti Ariffin

Azrina binti Ahmad

ASSESSMENT COMMITTEE

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Norain binti Ali

Ajanatul Nain binti Ibrahim

Ts Shahrul bin Che On

Nor Asmiza binti Zainudi

Rohani binti Abu Bakar

Nor Analiza binti Che Khalid

Dr Nor Aziza binti Abdul Aziz

Ts Zalinna binti Kaliman

Azrulnizah binti Yussof

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CERTIFICATION COMMITTEE

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Rosmawati binti Abd Razak

Norain binti Zakaria

Anis binti Pauzi

Norseha binti Ariffin

Habsah binti Hussain

Nurzaliza binti Ghazali

Harison binti Hussain

Noor Hayati binti Hashim

Fasihah binti Arshad

Norliza binti Abu @ Awang

Mohd Ridzuan bin Abdul Hamid

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Mazuin binti Stapah @ Salleh (Head)

Shamsul Nizam bin Ahmad

Azfariza binti Azizi

Norhazaliana binti Affendi

Nurulhuda binti Che Abd Rani

Marina binti Mat Isa

Sa'adiyah binti Mohamad

Nurulhuda binti Muhammad Nasir

Bahiah binti Abdullah

Norazri bin Baharin

INFORMATION TECHNOLOGY COMMITTEE

Ts. Haji Abdul Khadir Mahamood (Head)

Noorhazalinawati binti Ahmad

Natasha Niza binti Najib

Mad Akmal bin Abd Ghanie Abd Rani

Mazrul Hafiz bin Mazlan

Azni binti Drani

Sharhan Ias bin Alias

Azmi bin Che' Lah

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Mohammad Firdaus bin Yusari

Siti Hasanah binti Ab Rahim

Nuramin binti Ramly

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TS. IZZA SHAFINI BINTI ZAINAL ABIDIN (HEAD)

INNOVATION RESEARCH STRENGTHENING AND STUDENT PROJECT ENHANCEMENT COMMITTEE

Dr. Syaiful Nizam bin Ab Rahim (Head)

Mohd Zaniel bin Mahadzir

Ts. Abdul Aziz bin Ab Nasir

TVET PITCHING COMMITTEE

Mohd Fadhli bin Ahmad (Head)

Mohd Majdi bin Abdullah

Ahmad Zawawi bin Zulkifli

Norlaili binti Abdul Rahman @ Abdul Rahim

Mohd Firdaus bin Abdul Rashid

Mohd Saad bin Mohd Said

Izyan Diyana binti Madzuki

Ayub bin Abdullah

COURIER COMMITTEE

Toh Shiang Lin (Head)

Nasura binti Ismail

Nor Afifah binti Hj Ahmad Fisol

Khairul Zakuan Fadzil

SPECIAL TASKS COMMITTEE

Syaiful Nazli bin Selamat (Head)

Mohd Zool Fazlee bin Basir

Mohd Khairolnizam bin Yunos

Mohd Kamaruzzaman bin Abdul Wahab

TRAFFIC COMMITTEE

Mohd Zulkafli bin Mohamed (Head)

Nurul Izza binti Mahadan

Syukrul Hassani bin Jamaludin

BOOTH COMMITTEE

Siti Hasmiza binti Hassan (Head)

Nurbaya binti Ghazali

Norazlilah binti Saad

Roshidi bin Bakar @ Samad

COMMERCIAL CLUSTER

TS. MASNIZA BINTI YUSOF (HEAD)

PROMOTION COMMITTEE

Zahratul Laily binti Edaris (Head)

Siti Arfah binti Hashim

Dr. Siti Muyassarrah binti Abd Nasir

Nazera binti Dan

Fariha binti Ayob

Norhasimah binti Habibi

SOCIAL MEDIA COMMITTEE

Norhana binti Mat Salleh (Head)

Umami Atiqah binti Ahmad

Nurul Husna binti Saarani

ACTIVITIES COMMITTEE

Ts. Norbaiti Adzlina binti Basharudin (Head)

Quqriah Aqyniza binti Zakaria

Fatin Antasha binti Anizam

Nur Ikhmar @ Najmeen binti Ayob

Siti Wahidah binti Arris

SPONSORSHIP COMMITTEE

Suzana binti Shafei (Head)

Nor Ruzanna binti Abd Rahman

GRAPHIC COMMITTEE

Nor Azida binti IShak (Head)

EXTERNAL INVITATION COMMITTEE

Ts. Nurhidayah binti Azhar (Head)

Fadhilah binti Che Aziz

Nor Hidayah binti Ismail

ABOUT **iCompEx 2025**

iCompEx, or Innovation and Invention Competition Through Exhibition, began at Sultan Abdul Halim Mu'adzam Shah Polytechnic (POLIMAS) in 2013. It welcomes participants from various institutions and agencies, not just polytechnic students, but also those from public universities, private higher education institutions, community colleges, industrial training institutes, the National Youth Skills Institute, government agencies, secondary schools, and primary schools.



iCompEx is a leading platform for young inventors to showcase their beneficial ideas and creations, aimed at boosting the country's stature as a regional innovation hub. The organizing committee aims for iCompEx to remain a hallmark of POLIMAS, synonymous with fostering innovative products and creations that lead to marketable innovations. The current theme for iCompEx is "Discover the Limits of Possibility via Innovations."

THE MAIN OBJECTIVES OF ICOMPEX :

- Gather new ideas and student projects from various institutions beyond POLIMAS.
- Identify top projects from POLIMAS with potential for copyright, intellectual property protection, and commercialization.
- Provide students opportunities to present ideas to judges and gain exhibitor experience.
- Challenge misconceptions about innovation and showcase diverse forms of creativity (e.g., formulas, processes, methods).
- Cultivate teamwork, cooperation, and commitment among participants.
- Establish iCompEx as a prominent platform for fostering innovative projects within the polytechnic and local community.

Congratulations



**2015:
THE HIGHEST NUMBER OF
PARTICIPANTS, WHICH WAS
4,040 PARTICIPANTS**

Congratulations



**2020:
THE LARGEST INNOVATION
LOGO MADE FROM RICE
STRAW**

Congratulations



**2025:
THE HIGHEST NUMBER (6847)
OF ONLINE PARTICIPANTS IN
THE AI MODULE**

REMARKABLE JOURNEY

**THE MALAYSIA BOOK
OF RECORD**

National Record



This Is To Certify That

**POLITEKNIK SULTAN ABDUL HALIM
MUADZAM SHAH (POLIMAS)**

is listed in

THE MALAYSIA BOOK OF RECORDS

for organising the

**LARGEST PARTICIPATION IN AN AI
MODULE INVENTION COURSE**

Total : 6,847 Participants

Date : August 14, 2025

Venue : Politeknik Sultan Abdul Halim Mu'adzam Shah (POLIMAS), Kedah

In collaboration with Universiti Kebangsaan Malaysia (UKM)

TAN SRI DATUK DANNY OOI
P.S.M., P.J.N.
Founder



DATO' SERI (DR) MICHAEL TIO
D.G.P.N., D.P.T.J., J.P.
Chairman

LIST OF AWARDS



**BEST
INNOVATION
CATEGORY
A-I**



PLATINUM INNOVATION AWARD

The winner will receive a cash prize of RM1,368.47. This amount symbolizes the 13th edition of iCompEX and the achievement of 6,847 participants, which is being recognized by the **Malaysia Book of Records.**



**SPECIAL
YOUNG
INNOVATION
AWARD**



**SPECIAL
COMMERCIAL -
VALUES
AWARD**



**SPECIAL
INTELLECTUAL
PROPERTY
AWARD**



**SPECIAL
ARTIFICIAL
INTELLIGENCE
AWARD**

AWARDS



PARTICIPATION STATISTICS BY COUNTRY



01

THAILAND



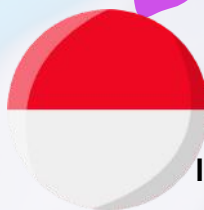
01

CHINA



385

MALAYSIA



12

INDONESIA



01

UNITED
KINGDOM



01

SAUDI
ARABIA

iCompEx 2025

PARTICIPATION STATISTICS

iCompEx 2025

Total Participations

514

Projet Innovation

401

Tvet Pitching

113



15



386

International

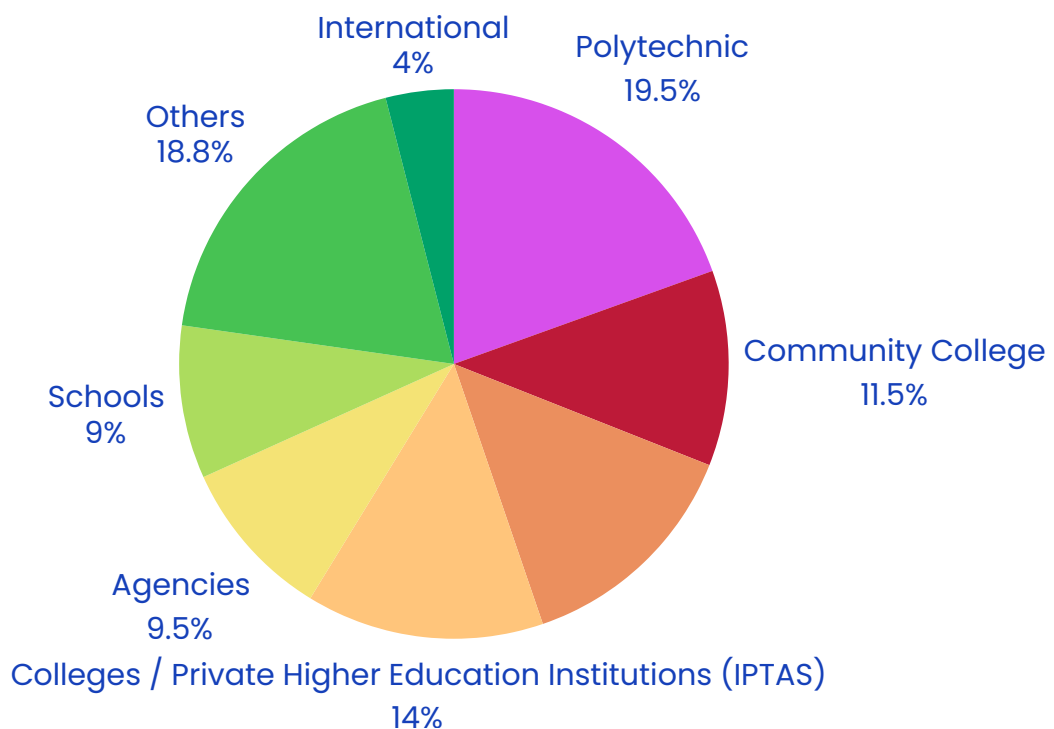
16

Participations

Malaysia

385

Participations



PARTICIPATION STATISTICS

iCompEx 2025

TVET PITCHING

113

Polytechnics

47

Participations

Community College

4

Participations

Public Uni

2

Participations

Private College

30

Participations

Agency

7

Participations

Schools

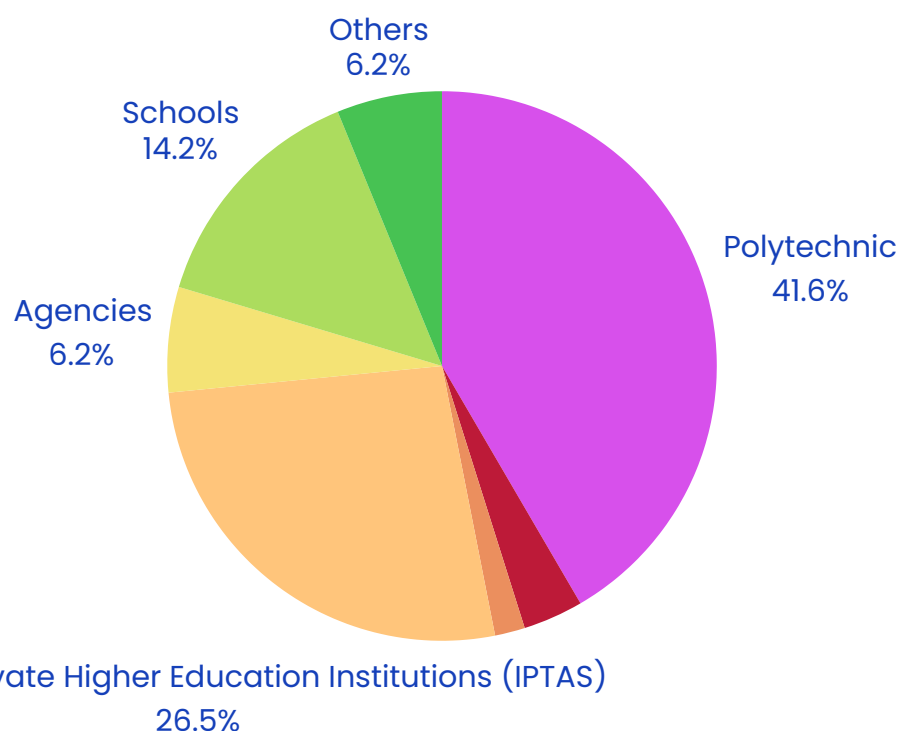
16

Participations

Others

7

Participations



PROJECT INNOVATION EVALUATORS

HEAD OF PANEL

Professor Dato' Ts Dr Ahmad Mujahid Ahmad Zaidi FAPM FCILT
Universiti Pertahanan Nasional Malaysia (UPNM)

A

Ts. Salmiah Binti Aziz (HEAD) – Universiti Malaysia Kelantan

- Sr. Dr. Norsyakilah Romeli – UniMAP

Prof. Madya Ts. Dr. Faizul Bin Che Pa (HEAD) – UniMAP

- Noor Hafizah Uyup – UiTM Cawangan Perlis
- Dr. Nurul Aizan Mohd Zaini – UiTM Perlis
- Ts. Dr. Siti Nor Binti Din – UiTM Cawangan Perlis

B

C

**Puan Zuraini Binti Gani (HEAD)
Politeknik Ungku Omar Ipoh**

- Ts. Dr. Choong Chee Guan – Politeknik Tuanku Syed Sirajuddin
- Ts. Mohd Shahril Bin Shariff – UniMAP
- Ts. Nor Solehah Binti Mohd Jasat – Kolej Vokasional Alor Setar Kedah
- Ts. Yap Tek Hong – Politeknik Tuanku Syed Sirajuddin
- Puan Nor Mahani Binti Md Rasidi – Politeknik Tuanku Syed Sirajuddin
- Prof. Madya Ts. Dr. Tan Wei Hong – UniMAP
- Prof. Madya Ts. Dr. Ahmad Kadri Bin Junoh – UniMAP

PROJECT INNOVATION EVALUATORS

D

Associate Professor Dr. Marhaiza Ibrahim (HEAD) – UUM
Zati Hanani binti Zainal (HEAD) – K.K Padang Terap

- Ts. Dr. Rohani Binti S Mohamed Farook – UniMAP
- En. Iman Hazwam Bin Abd Halim – UiTM Perlis
- Dr. Mohd Rohaizat Bin Abdul Wahab – Universiti Putra Malaysia
- Mohd Helmy Abd Wahab – Universiti Tun Hussein Onn Malaysia
- Azura Binti Ahmad – Politeknik Balik Pulau
- Dr. Nurul Ihsaniah Binti Omar – Politeknik Seberang Perai
- Ts. Dr. Norhafizah Binti Ismail – Politeknik Mersing, Johor
- Ts. Zakiah Binti Osman – Kolej Komuniti Bandar Darulaman
- Ir. Ts. Meor Ahmad Zainal Bin Meor Muhamud – BPSM, KPTM, Malaysia
- Ts. Norshakinah Binti Md Nasir – Kolej Matrikulasi Perlis, Kementerian Pendidikan Malaysia

Prof. Madya Ir. Dr. Sohiful Anuar Zainol Murad (HEAD) – UniMAP

- Ts. Hamymuhar Niza Binti Mohamad – ADTEC JTM Kampus Jitra
- Prof. Madya Ts. Dr. Muhammad Izuan Fahmi Bin Romli – UniMAP
- Dr. Syahrull Hi-Fi Syam Bin Ahmad Jamil – PTSS
- Ts. Dr. Aznor Hanah Binti Abdul Halim – UniMAP
- Ts. Siti Noormaizura Binti Sarkam – ADTEC JTM Kampus Nibong Tebal
- Bibi Nadia Binti Taib – UniMAP
- Dr. Syahirah Binti Abd Halim – UKM

E

PROJECT INNOVATION EVALUATORS

F

Ts. Ahmad Khairilnizam Bin Mohd Dahari (HEAD) – ADTEC JTM Kampus Jitra (ILP Jitra)

- Encik Ahmad Anuar Bin Che Mat – GIATMARA Kubang Pasu, Kedah

Ts. Dr. Fijay Bin Fauzi (HEAD) – UniMAP

- Dr. Lee Boon Beng – Universiti Malaysia Perlis, UniMAP
- Gs. Dr. Foo Yen Sin – UUM Sintok
- Dr. Muna Maryam Binti Azmy – UUM
- Sofiah Hanim Binti Hamzah – Politeknik Jeli Kelantan
- Dr. Hasan Bin Mohamed Zakaria – UUM
- Ts. Mariyati Binti Mat So'ad – PTSB
- Ts. Dr. Mohamad Shukor Bin Abdul Rahim – UniMAP
- Ahmad Firdaus Bin Shamsul Baharin – Pusat Penyelidikan Mineral, Jabatan Mineral Dan Geosains Malaysia
- Mohamad Jefri Bin Ahmad Nazri – Politeknik Jeli Kelantan
- Dr. Nor Ashikin Binti Ahmad – UniMAP
- Ts. Dr. Hj. Mustaffa Ali Azhar Bin Taib – Pusat Latihan Teknologi Tinggi (ADTEC) Taiping

G

H

Dr. Ros Nadiyah Binti Rosli (HEAD) – UKM

- Prof. Madya Dr. Nurjuliana Juhari – UniMAP
- Prof. Madya Ts. Dr. Fadhilah Binti Mat Yamin – UUM
- Dr. Syed Khalid Bin Syed Idrus – IPG Darulaman
- Dr. Siti Aisyah Binti Zakaria – UniMAP
- Ts. Rokiah Binti Abdullah – UniMAP
- Dr. Nurul Huda Abdul Aziz – UniMAP
- Dr. Siti Nur Zahirah Binti Omar – UiTM Perlis

PROJECT INNOVATION EVALUATORS

- Dr. Salina Binti Abdul Manan – Politeknik Tuanku Syed Sirajuddin
- Ts. Putri Irdha Binti Ab Rahman – Politeknik Ungku Omar
- Ts. Izwanizam Bin Yahaya – Kolej Komuniti Segamat 2
- Ts. Nursahizalina Binti Mohd Saat – Politeknik Tun Syed Nasir Syed Ismail
- Puan Roseline Anak Kok – Politeknik Tuanku Syed Sirajuddin
- Dr. Sumaiyah Binti Abd Rahman – IPG Darulaman
- Dr. Anita Binti Md Saman – PPD Padang Terap Kedah
- Sr. Rosmalati Binti Aman Shah – Politeknik Ungku Omar
- Dr. Dalina Binti Samsudin – UiTM Perlis
- Ir. Dr. Radhwan Hussin – UniMAP
- Ts. Izlin Zuriani Binti Ishak – Politeknik Seberang Perai
- Prof. Madya Ts. Wan Hussain Bin Wan Ishak – UUM
- Prof. Madya Dr. Mazida Ahmad – UUM
- Prof. Madya Ts. Dr. Thennarasan Sabapathy – UniMAP
- Ts. Dr. Rohani Binti Seman – IPG Kampus Perlis
- Dr. Sharifah Binti Shafie – Pejabat Pendidikan Daerah Pendang
- Dr. Norazreen Abd Aziz – UKM

H

I

Dr. Anis Nur Assila Binti Rozmi (HEAD) – UniKL British Malaysian Institute

- Dr. Nurul Syazana Binti Hishamuddin – UUM
- Dr. Shamshul Anaz Kassim – UiTM Cawangan Perlis
- Dr. Norhafiza Binti Md Sharif – UUM
- Dr. Intan Shafinaz Binti Ahmad – UUM
- Dr. Wan 'Aliaa Wan Anis – UiTM Perlis
- Puan Shariah Binti Abdul Wahid – Uni. Kuala Lumpur
- Dr. Muhammad Zaid Bin Aihsan – UniMAP

- Ts. Dr. Nur Syahela Binti Hussien – Universiti Kuala Lumpur Malaysian Institute of Information Technology
- Prof. Madya Ir. Dr. Hasnizah Binti Aris – UniMAP
- Ts. Dr. Muhd Ammirul Atiqi B. Mohd Zainuri – UKM
- Dr. Noraini Binti Othman – Universiti Malaysia Perlis

ONLINE

TVET PITCHING EVALUATOR



13.08.2025 (Wednesday)
2.30 pm – 5.00 pm

CATEGORY AB	• Prof. Madya Ts. Dr. Sam Sung Ting – UniMAP • Prof. Ir. Dr. Mohd Sapuan Bin Salit – UPM  DEWAN KULIAH I
CATEGORY CD	• Ts. Dr. Mohd Asri Bin Jusoh – UniMAP • Nur Wahida Binti Janudin – PSP  DEWAN KULIAH II
CATEGORY E	• Ts. Shariffah Zarihan Bt. Syed Zaharim Helmi – UniMAP • Ts. Dr. Nor Roshidah Binti Yusof – UniMAP  DEWAN KULIAH III
CATEGORY F,G,I	• Ts. Yazhar Bin Yatim – UniMAP • Lai Chia Lung – Keysight Technologies  SRI MAS 1 ROOM
CATEGORY H	• Dr. Nor Adila Binti Mohd Noor – UiTM • Assoc. Prof. Ts. Dr. Rosiah Rohani – UKM • Dr. Rhahimi Binti Jamil – PTSB • Prof. Ir. Dr. Norhana Binti Arsad – UKM  SRI MAS 2 ROOM

TOTAL PARTICIPATION BY CATEGORIES

12

CATEGORY A
Built Environment &
Interior Design

CATEGORY B
Construction &
Materials

22

42

CATEGORY C
Machinery,
Equipment &
Manufacturing
Processes

CATEGORY D
ICT &
Multimedia

45

43

CATEGORY E
Electrical,
Electronics &
Telecommunications

CATEGORY F
Transportation,
Automotive &
Aerospace

12

62

CATEGORY G
Agriculture &
Agro-based
Industry

CATEGORY H
Teaching &
Learning

125

38

CATEGORY I
Business,
Management &
Finance / Marketing



BUILT ENVIRONMENT & INTERIOR DESIGN

**INSTITUT KEMAHIRAN BELIA
NEGARA BANDAR PENAWAR**

**POLITEKNIK SULTAN ABDUL
HALIM MU'ADZAM SHAH**

CARDIFF UNIVERSITY

POLITEKNIK UNGKU OMAR

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

UNIVERSITI UTARA MALAYSIA

POLITEKNIK PORT DICKSON

**UNIVERSITI SAINS ISLAM
MALAYSIA**

**POLITEKNIK SULTAN ABDUL
HALIM MU'ADZAM SHAH**

CHINA

DECORATIVE FLY TRAP

EXPLORE MORE PERLIS

PRODUCING GLOBAL FOOD LOCAL

BIMXCHAIN: A DIGITAL SOLUTION FOR REDUCING DISPUTES

**URBAN STREET ART DESIGN: MUSICAL INSTRUMENT MURAL IN
GEORGETOWN, PENANG**

TUMBLOX MART

KEDAH E-HERITAGE 2.0

**SMART CITY APPROACHES TO HOUSING: A GIS-BASED MODEL
FOR ENVIRONMENTALLY INTELLIGENT AND SUSTAINABLE
NEIGHBOURHOODS.**

DESIGNEASY ORIENTATION KIT

**MODSOLARIS: MODULAR-SOLAR-ECO-OASIS ABODE FOR
CLIMATE RESILIENT COMMUNITIES**

AI TEACH U : TIMBER CONSTRUCTION'

**INDOOR ENVIRONMENTAL QUALITY AND STUDENT
PERFORMANCE: A SYSTEMATIC ASSESSMENT OF
ENVIRONMENTAL PARAMETERS IN SCHOOL CLASSROOMS**



CONSTRUCTION & MATERIALS

**TUNKU ABDUL RAHMAN
UNIVERSITY OF MANAGEMENT
AND TECHNOLOGY (TARUMT)**

**ECO-BLOCKS: TURNING INDUSTRIAL AND AGRICULTURE
WASTE INTO SUSTAINABLE LIGHTWEIGHT CONCRETE**

KOLEJ VOKASIONAL AMPANGAN

SMART INSTALLATION FRAME 2.0

EASY PEASY TILING 2.0

BRICK MARKING

BUILT SILT

EASY CLEANING TOOL

**INSTITUT KEMAHIRAN BELIA
NEGARA BANDAR PENAWAR**

SMART SAFETY HELMET 2.0

**UNIVERSITI KEBANGSAAN
MALAYSIA**

**FROM WASTE TO WONDER: ECOBRIX REINVENTING BRICKS
WITH SLUDGE**

UNIVERSITI TEKNOLOGI MARA

**A PHYSIO-MECHANICAL EVALUATION OF POLYMER-
MODIFIED MORTAR USING INDUSTRIAL AND AGRICULTURAL
WASTE MATERIALS**

**UNIVERSITI TUNKU ABDUL
RAHMAN**

**TURNING WASTE INTO WORTH: ECO-FRIENDLY
CONSTRUCTION MATERIALS FROM MINING SLUDGE**

UNIVERSITAS ABULYATAMA

**ECO-FRIENDLY FLOOR TILES WITH GLASS WASTE AS
ARTIFICIAL SAND**

**UNIVERSITI TUNKU ABDUL
RAHMAN**

BIOPLAST: GREEN PLASTICIZER FROM PALM OIL

**PUSAT LATIHAN TEKNOLOGI
TINGGI (ADTEC) TAIPING**

GREEN ECO-BRICKS FOR SUSTAINABLE ENVIRONMENT

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

DISPENSER TISU AUTOMATIK BERASASKAN IOT

**KOLEJ VOKASIONAL LEBUH
CATOR**

ALAT PEMOTONG PENUTUP ATAP METAL DECK

**KOLEJ VOKASIONAL LEBUH
CATOR**

**ALAT PELARAS MORTAR BERASASKAN ALOI DALAM KERJA
MENGIKAT BATA**

**UNIVERSITAS SYIAH KUALABanda
Aceh**

**CORROSCAN: ADVANCED CORROSION ANALYSIS USING
PHYSICS INFORMED NEURAL NETWORKS**

UNIVERSITI MALAYSIA PERLIS

HYPERCOOL AZ91-CNT ENGINE COMPOSITE

POLITEKNIK MERLIMAU MELAKA

DEVELOPMENT OF AN INNOVATION KEY VALVE FOR ENCHANCED HYDRAULIC SYSTEM EFFICIENCY

UNIVERSITI MALAYSIA PERLIS

DUAL FUNCTIONALIZED DOLOMITE NANOPARTICLES - REVEALING THE POTENTIAL OF PERLIS DOLOMITE TOWARDS BIOMEDICAL APPLICATION

POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH

BOOSTED STRENGTH: ZN-MG COMPOSITES WITH CARBON NANOMATERIAL REINFORCEMENT

UNIVERSITY OF PETROLEUM AND MINERALS, SAUDI ARABIAA

BETTER HYDROGEN PRODUCTION USING SPECIALLY DESIGNED POROUS MATERIALS THAT WORK WITH LIGHT

POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH

KAJIAN PENGHASILAN LIGHTWEIGHT PAVER STONE



CONSTRUCTION & MATERIALS

**JABATAN PENGAIRAN DAN
SALIRAN DAERAH TIMUR LAUT
PULAU PINANG**

KOLEJ KEDA, SIK

**PUSAT LATIHAN TEKNOLOGI
TINGGI (ADTEC) SHAH ALAM**

**INSTITUT KEMAHIRAN MARA
JOHOR BAHRU**

**POLITEKNIK SULTAN SALAHUDDIN
ABDUL AZIZ SHAH**

**UNIVERSITI KEBANGSAAN
MALAYSIA**

KOLEJ VOKASIONAL ARAU

**POLITEKNIK TUN SYED NASIR SYED
ISMAIL**

**KOLEJ VOKASIONAL AMPANGAN
SEREMBAN**

POLITEKNIK BANTING SELANGOR

**CENTRE FOR INSTRUCTOR AND
ADVANCED SKILL TRAINING
(CIAST), SHAH ALAM**

**INSTITUT KEMAHIRAN TINGGI
BELIA NEGARA SEPANG**

KOLEJ VOKASIONAL ARAU

**A REAL TIME FLOOD ALERT SYSTEM FOR HOTSPOT AREA
(AWLA - AUTO WATER LEVEL ALERT)**

ADJUSTABLE RIM PAINTING STAND

RAKKAS PRO

WATERCOOLER TEBU

SMART WALKING AID FOR KID

COPPER TOOLING PUNCH HAMMER (CATPH)

**NEXT-GENERATION HYDRAULIC FOOT JACK FOR PEOPLE
WITH DISABILITIES**

VibAlert

SMART MIG TROLLEY

BLUNT HORN SHELL CUTTER

FISH SCALE REMOVER MACHINE 4.0

AUTOMATIC SEASHELL CLEANER

PORTABLE PUMP

**MAGNETIC RESPONSIVE RUBBER-BASED FILAMENT FOR THE
USE OF 4D PRINTING**

NEXUS E-TECH

EASY CLAMPING

TROLLEY EASY PLATE

CHIP SCRAPER

MESIN PENGEDARAN MAKANAN AYAM AUTOMATIK

**ISIFT WEGHTECH - PENAPIS PASIR DENGAN SENSOR BERAT
TERINTEGRASI**

POLITEKNIK UNGKU OMAR

DEVELOPMENT OF NEXT GEN - GAS DETECTOR

**INSTITUT KEMAHIRAN TINGGI
PERDA (PERDA-TECH)**

EGG WASHING MACHINE

KOLEJ VOKASIONAL ARAU

**SMART IOT AC CONDENSER CLEANING AND COOLING
SYSTEM (SIAC³)**

**INSTITUT KEMAHIRAN TINGGI
PERDA (PERDA-TECH)**

SMART ANGLE JIG FOR PRECISION MACHINING

PALLET PRO MOVER

PENYEPIT SESIKU PINTAR (FIXEDGE)

KOLEJ VOKASIONAL ARAU

ADVANCE WATER DISPENSER SAFETY DEVICE

**POLITEKNIK SULTAN ABDUL HALIM
MUADZAM SHAH**

**INOVASI PENGUBAHSUAIAN TAPAK TRIMMER ROUTER
DALAM KERJA TANGGAM**

**UNIVERSITI KEBANGSAAN
MALAYSIA**

**REACH: REHABILITATIVE EXOSKELETON FOR ACTIVE UPPER
LIMB CARE AND HEALING**

**UNIVERSITI KEBANGSAAN
MALAYSIA**

SMART REAL TIME KITCHEN FIRE DETECTION (STRIKE)

**KOLEJ VOKASIONAL LEBUH
CATOR**

DURIAN PEELER

**KOLEJ KEMAHIRAN TINGGI MARA
KUANTAN**

EZKOOKIS

**KAMPUS POLITEKNIK ACEH, KOTA
BANDA ACEH**

**DIWES - IOT-BASED DIGITAL WEIGHING CONVEYOR
INNOVATION FOR OPTIMIZING FRESH FRUIT BUNCHES (FFB)
WEIGHING AND ENSURING TRANSPARENT POST-HARVEST
DISTRIBUTION IN THE PALM OIL INDUSTRY**

VITROX COLLEGE

WAFER PRE-ALIGNER MODULE

**INSTITUT LATIHAN PERINDUSTRIAN
PEDAS**

PIPE LIFTING AND MOVING TOOLS

VITROX COLLEGE

**AUTOMATED INVENTORY CONTROL FOR ELECTRONIC PARTS
IN MANUFACTURING**

**UNIVERSITAS SYIAH KUALA, KOTA
BANDA ACEH**

AI-BASED GREEN BEAN COFFEE SORTING MACHINE

POLITEKNIK SEBERANG PERAI

MESIN PENGAYAK PASIR SEMI AUTO

ADTEC TAIPING

POLITEKNIK MERLIMAU MELAKA

**UNIVERSITI KEBANGSAAN
MALAYSIA**

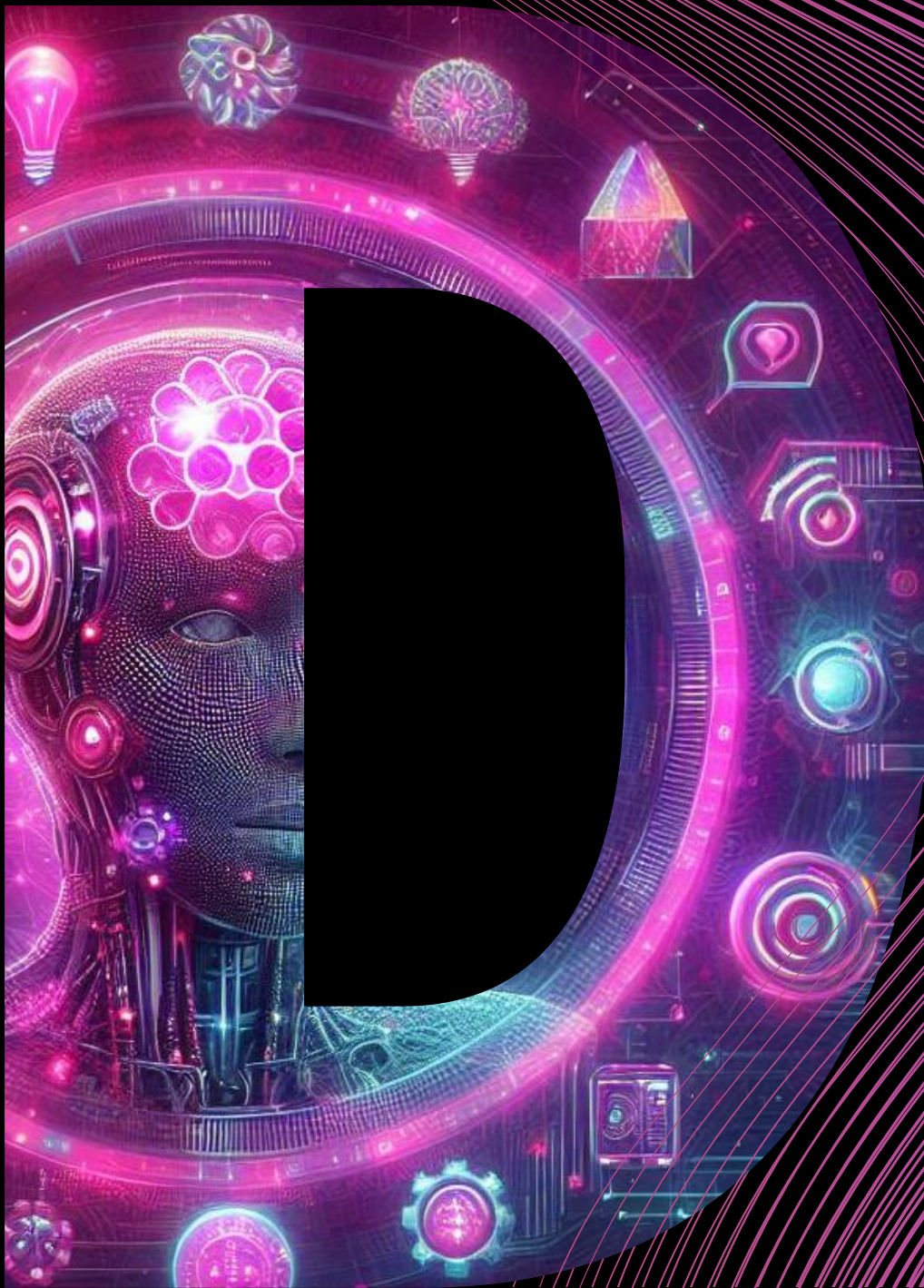
**UNIVERSITI KEBANGSAAN
MALAYSIA**

FLEXI-FOUR TROLLEY

PORTABLE ROAD PAVING MACHINE

SELF-CLEANING FAN

RAINETIX



ICT & MULTIMEDIA



KOLEJ KOMUNITI PADANG TERAP	ECOTERA CLONER
UNIVERSITI TUNKU ABDUL RAHMAN (UTAR) PERAK	AI-POWERED REAL-TIME FIRE DETECTION SYSTEM
POLITEKNIK KOTA BHARU	ESIJIL: SISTEM ANUGERAH KETUA JABATAN PKB
POLITEKNIK KOTA BHARU	I-MODERASI: APLIKASI DIGITAL BAGI MENYOKONG PROSES MODERASI SISTEM PENILAIAN AKADEMIK SECARA SISTEMATIK DAN TELUS
POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH	GRADVIEW+
LEMBAGA ZAKAT NEGERI KEDAH	TRANSFORMASI DIGITAL SEDEKAH, SISTEM INOVATIF UNTUK AGIHAN YANG TELUS DAN EFISIEN
POLITEKNIK SULTAN IDRIS SHAH	<u>PORTAL@UPLI JKE</u>
PUSAT LATIHAN TEKNOLOGI TINGGI (ADTEC) SHAH ALAM	NETWORK IDENTIFIER
UNIVERSITI MALAYSIA SARAWAK	E-TICKETING
KOLEJ KOMUNITI AMPANG	EZPRENEUR: EMPOWERING STUDENT ENTREPRENEURS
UNIVERSITI KUALA LUMPUR	ROADSMART: LEARN ROAD SAFETY RULES THROUGH AR BOARD GAME
KOLEJ KOMUNITI MASJID TANAH	E-QUALITY MANAGEMENT (E-QM) KKMT
KOLEJ KOMUNITI MASJID TANAH	EMAS PENGURUSAN TAKWIM
PROTON INSTITUTE (ADTEC MELAKA)	VIRTUALIZATION ENVIRONMENT SERVER FOR DTK PROTON INSTITUTE (ADTEC MELAKA)
RISDA DAERAH KOTA KINABALU	SISTEM EBTSEMULA
RISDA NEGERI SABAH	CETAKAN LAPORAN LAWATAN (CLL)
POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH	CLICK, BLOOM, DELIVER: THE DIGITAL SHIFT IN THE FLOWER BUSINESS
INSTITUT KEMAHIRAN TINGGI PERDA (PERDA-TECH)	ESTOR PERDA
PROTON INSTITUTE (ADTEC MELAKA)	TAGOUT: PENGURUSAN KELUAR MASUK PELAJAR INSTITUT
POLITEKNIK SULTAN ABDUL HALIM MUADZAM SHAH	FUNDAMENTALS FIRST: YOUR PROGRAMMING LAUNCHPAD (DFC 20303)

**POLYTECHNIC TUANKU SYED
SIRAJUDDIN**

UPLI_PTSS INFO HUB

KOLEJ KOMUNITI AMPANG

SISTEM MAKLUMAT PELAJAR (SIMPEL)

UNIVERSITI MALAYSIA SARAWAK

**INTEGRATED SUSTAINABILITY INFORMATION MANAGEMENT
SYSTEM (I-SIMS)**

MAJLIS BANDARAYA SHAH ALAM

SB-TCF (SIMPLE BUSINESS TCF APPROVAL)

**PEMAKLUMAN SESI PENDENGARAN BANTAHAN SENARAI
NILAIAN MELALUI PEMBANGUNAN SISTEM DIGITAL
(IHEARING)**

**SISTEM PENGURUSAN ELEKTRONIK UNTUK MENINGKATKAN
KESELAMATAN DAN KECEKAPAN PENTADBIRAN DI MBSA (E-
EKSA)**

BAYARAN CUKAI TAKSIRAN MBSA MELALUI QR CODE

KOLEJ KOMUNITI LEDANG

GOOGLE INTERACTIVE DATABASE (GID)

**KAMPUS POLITEKNIK ACEH, KOTA
BANDA ACEH**

**MILLVERSE - IMPLEMENTATION OF A VIRTUAL REALITY-BASED
PALM OIL MILL MACHINE TRAINING SYSTEM TO REDUCE
MACHINE DOWNTIME AND INCREASE PALM OIL MILL
OPERATIONAL EFFICIENCY**

KOLEJ KOMUNITI BENTONG

SISTEM MAKLUM BALAS KKBEN (SIMBA)

**INSTITUT KEMAHIRAN MARA
BESERI**

E- BFAS

KOLEJ BREYER GOMBAK

SMART MIRROR AI

UNIVERSITI UTARA MALAYSIA

TAHFIZ ASSET MANAGEMENT SYSTEM (TAMS)

KOLEJ KOMUNITI BENTONG

INTERNSHIP MANAGEMENT SYSTEM (INMAS)

**MAJLIS AGAMA ISLAM PULAU
PINANG**

MUZAKKI HUB

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

WNS FUTSALHUB

**SAMARINDA STATE POLYTECHNIC,
EAST KALIMANTAN**

**VISORA: A REAL-TIME AI-POWERED MOBILE APPLICATION
USING ARTIFICIAL INTELLIGENCE, COMPUTER VISION AND
NATURAL LANGUAGE PROCESSING TO FACILITATE
ENVIRONMENTAL RECOGNITION FOR VISUALLY IMPAIRED
INDIVIDUALS**

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

KPTM ALOR SETAR

KPTM ALOR SETAR

**SMARTGRADEAI : AI-POWERED GRADING, LEARNING, AND
SUPPORT**

**MYCOUNSEL (STUDENT COUNSELLING AND DATA
MANAGEMENT SYSTEM)**

MINDCARE WEBSITE (MENTAL HEALTH COMPANION)

MOTION DETECTION SECURITY SYSTEM

VAULTIFY

CRAFTGALLERY

AI SMART SKIN ANALYZER

**EPELAWAT ?? SISTEM PENDAFTARAN PELAWAT DIGITAL
KPTMAS**



ELECTRONICS & TELECOMMUNICATIONS

**UNIVERSITI TUNKU ABDUL
RAHMAN (UTAR), KAMPAR**

KOLEJ KOMUNITI BESUT

KOLEJ KEDA, SIK

KOLEJ KEDA, SIK

**INSTITUT KEMAHIRAN TINGGI
PERDA**

KOLEJ KOMUNITI SEBERANG JAYA

KOLEJ VOKASIONAL AMPANGAN

**INSTITUT KEMAHIRAN TINGGI
PERDA (PERDA-TECH)**

**INSTITUT KEMAHIRAN TINGGI
BELIA NEGARA SEPANG**

IKM TAN SRI YAHAYA AHMAD

IKM TAN SRI YAHAYA AHMAD

POLITEKNIK KOTA BHARU

KOLEJ VOKASIONAL ARAU

KOLEJ KOMUNITI AMPANG

**SMART BIN FOR AUTOMATED WASTE CLASSIFICATION BY
IMPLEMENTING ARTIFICIAL INTELLIGENCE**

FLOODxTECT

NEODRAIN

SMART MONKEY REPELLENT SYSTEM USING TECHNOLOGY

LIGHT DEPENDENT SAFETY POWER SOCKET (LD-SPS)

SMART KEYFINDER

LECTURER ASSIGNMENT RFID DRAWER

AUTOMATIC FIRE EXTINGUISHER BOX (A-FEB)

GEROBOK REZEKI RFID VENDING MACHINE (G-VEM)

**SISTEM AUTOMASI RESIDENSI KOLEJ VOKASIONAL
AMPANGAN**

**INOVASI PENJANA MUDAH ALIH BERASASKAN SISTEM
BATERI DAN MOTOR**

ELECTRICAL WIRING CABLE WRAPPING

**ELECTRICAL WIRING CONTINUITY AND POLARITY TESTER
(EWCP)**

BABY SAFE SEAT (BSS)

NETGOALX

SMART REBAN

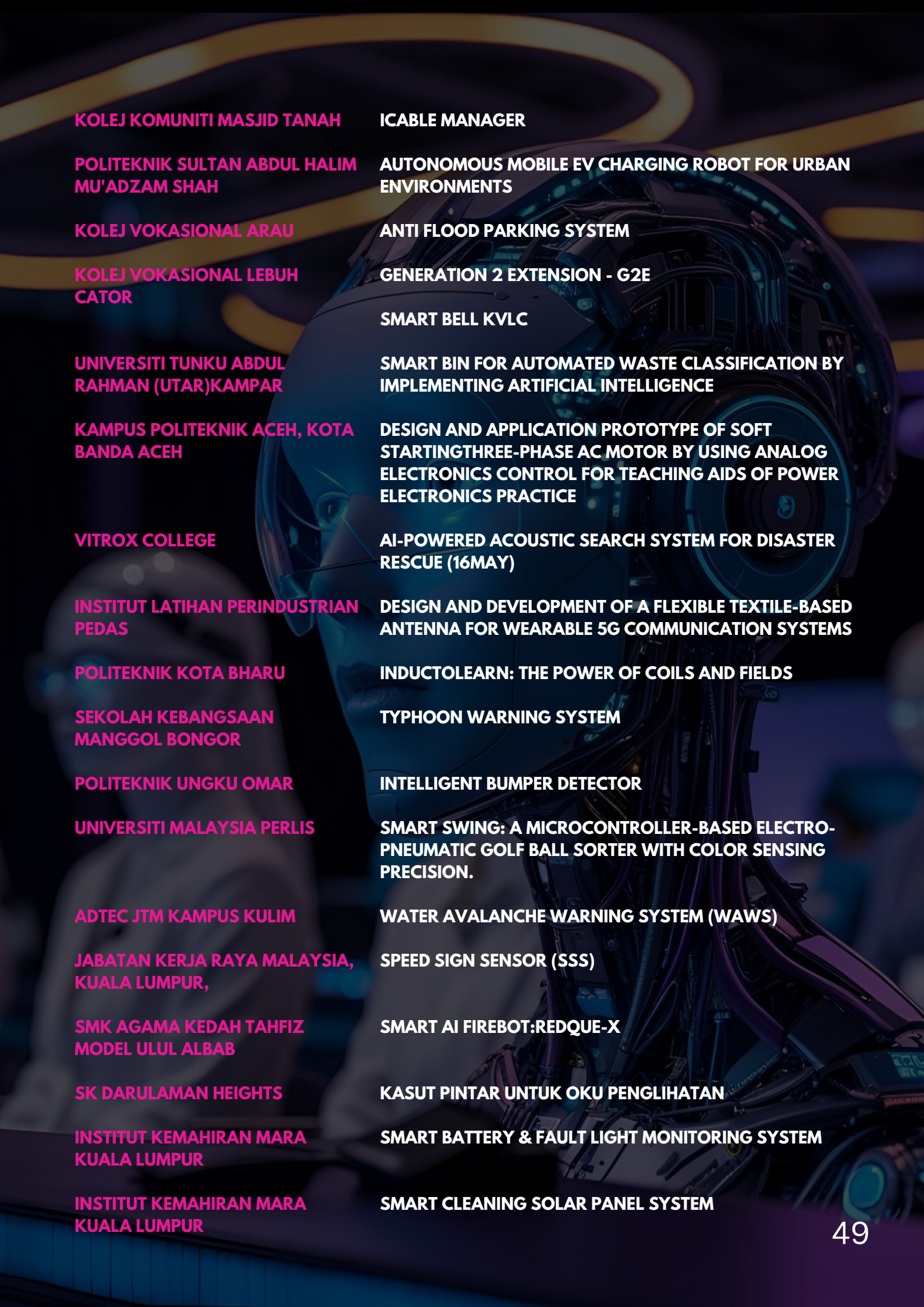
SMART GAS SYSTEM DETECTOR

WIRELESS SWITCH SMART HOME APPLIANCE

**INTERACTIVE CIRCUIT TRAINER USING COLPITTS OSCILLATOR
& OP AMP CONFIGURATION**

PANGSA WISE LORA

**CONNEXGO : OTG MOBILE SIGNAL BOOSTER FOR
REMOTEEWORKSITE CONNECTIVITY**



KOLEJ KOMUNITI MASJID TANAH	ICABLE MANAGER
POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH	AUTONOMOUS MOBILE EV CHARGING ROBOT FOR URBAN ENVIRONMENTS
KOLEJ VOKASIONAL ARAU	ANTI FLOOD PARKING SYSTEM
KOLEJ VOKASIONAL LEBUH CATOR	GENERATION 2 EXTENSION - G2E
	SMART BELL KVLK
UNIVERSITI TUNKU ABDUL RAHMAN (UTAR)KAMPAR	SMART BIN FOR AUTOMATED WASTE CLASSIFICATION BY IMPLEMENTING ARTIFICIAL INTELLIGENCE
KAMPUS POLITEKNIK ACEH, KOTA BANDA ACEH	DESIGN AND APPLICATION PROTOTYPE OF SOFT STARTINGTHREE-PHASE AC MOTOR BY USING ANALOG ELECTRONICS CONTROL FOR TEACHING AIDS OF POWER ELECTRONICS PRACTICE
VITROX COLLEGE	AI-POWERED ACOUSTIC SEARCH SYSTEM FOR DISASTER RESCUE (16MAY)
INSTITUT LATIHAN PERINDUSTRIAN PEDAS	DESIGN AND DEVELOPMENT OF A FLEXIBLE TEXTILE-BASED ANTENNA FOR WEARABLE 5G COMMUNICATION SYSTEMS
POLITEKNIK KOTA BHARU	INDUCTOLEARN: THE POWER OF COILS AND FIELDS
SEKOLAH KEBANGSAAN MANGGOL BONGOR	TYPHOON WARNING SYSTEM
POLITEKNIK UNGKU OMAR	INTELLIGENT BUMPER DETECTOR
UNIVERSITI MALAYSIA PERLIS	SMART SWING: A MICROCONTROLLER-BASED ELECTRO-PNEUMATIC GOLF BALL SORTER WITH COLOR SENSING PRECISION.
ADTEC JTM KAMPUS KULIM	WATER AVALANCHE WARNING SYSTEM (WAWS)
JABATAN KERJA RAYA MALAYSIA, KUALA LUMPUR,	SPEED SIGN SENSOR (SSS)
SMK AGAMA KEDAH TAHFIZ MODEL ULUL ALBAB	SMART AI FIREBOT:REDQUE-X
SK DARULAMAN HEIGHTS	KASUT PINTAR UNTUK OKU PENGLIHATAN
INSTITUT KEMAHIRAN MARA KUALA LUMPUR	SMART BATTERY & FAULT LIGHT MONITORING SYSTEM
INSTITUT KEMAHIRAN MARA KUALA LUMPUR	SMART CLEANING SOLAR PANEL SYSTEM

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

KOLEJ KOMUNITI PAYA BESAR

**INSTITUT KEMAHIRAN MARA
KUALA LUMPUR**

**SMART URBAN LIGHTING : ELECTRICAL INTEGRATION FOR
SUSTAINABLE STREETLIGHT SYSTEMS**

SOCKET 15A & RCD TESTER

ISERVAIR



TRANSPORTATION, AUTOMOTIVE & AEROSPACE

KOLEJ KEDA, SIK

PORTABLE JACK

KOLEJ VOKASIONAL AMPANGAN

SMART TOOLBOX

**UNIVERSITI TUNKU ABDUL
RAHMAN, KAMPAR**

**PREVALENCE OF MUSCULOSKELETAL DISORDER (MSD)
SYMPTOMS AND THEIR ASSOCIATED RISK FACTORS AMONG
E-HAILING DRIVERS IN SELANGOR: A CROSS-SECTIONAL
STUDY**

KOLEJ VOKASIONAL ARAU

VEHICLE ANTI THEIF

**INSTITUT KEMAHIRAN TINGGI
PERDA (PERDA TECH)**

GEARBOX OIL PUMP MACHINE

**INSTITUT KEMAHIRAN TINGGI
PERDA (PERDA TECH)**

AUTOMOTIVE DRAIN TECHNOLOGY (ADT) SYSTEM

KOLEJ KOMUNITI MASJID TANAH

**EMERGENCY RESPONSE ALERT SYSTEM (ERAS): INTEGRATING
PASSENGER FEEDBACK FOR REAL-TIME TRAIN SAFETY**

**INSITUT LATIHAN PERINDUSTRIAN
KEPALA BATAS**

**IOT-DRIVEN VEHICLE TELEMETRY AND SMART JOURNEY
ANALYTICS**

**UNIVERSITI KEBANGSAAN
MALAYSIA,**

HYDROGEN INJECTOR ANALYSIS: AI PROSPECTS

**KOLEJ VOKASIONAL LEBUH
CATOR**

MULTIPURPOSE CREEPER

**SEKOLAH KEBANGSAAN BUKIT
TINGGI**

AUTOSOS

ADTEC JTM KAMPUS KULIM

CAR ABSORBER SPRING REMOVER



AGRICULTURE & AGRO-BASED INDUSTRY

**KOLEJ KEMAHIRAN TINGGI MARA
REMAU**

**KOLEJ KEMAHIRAN TINGGI MARA
REMAU**

SK JITRA 2

KOLEJ KEDA, Sik

KOLEJ KOMUNITI REMBAU

ADTEC SHAH ALAM

KOLEJ KOMUNITI TANJUNG PIAI

**PUSAT LATIHAN TEKNOLOGI
TINGGI (ADTEC) SHAH ALAM**

**UNIVERSITI TUNKU ABDUL
RAHMAN**

**KOLEJ VOKASIONAL AMPANGAN
SEREMBAN**

UNIVERSITI UTARA MALAYSIA

MAJLIS PERBANDARAN BENTONG

**PUSAT LATIHAN TEKNOLOGI
TINGGI (ADTEC) SHAH ALAM**

**UNIVERSITI TUNKU ABDUL
RAHMAN**

GEO FLOWER COFFEE TABLE

M.R STOOL

BIO AIR PURIFIER

MESIN CHOPPER MAKANAN TERNAKAN & KOMPOS TENAGA

SUSTAINABLE DESSICANT PACK

**ALAT DEMONSTRASI TEKNOLOGI HIJAU : PENGHASILAN AIR
UNTUK PENYIRAMAN TUMBUHAN MENGGUNAKAN SISTEM
IOT**

KELULUT DIGITAL BEEKEEPING

MESIN MENABUR BAWANG

EGG GRADING MACHINE

ALAT PENANAMAN BIJI BENIH MUDAH ALIH

**ECODYE CHALLENGE: SUSTAINABLE CELLULOSE
INNOVATIONS FROM WASTE FOR DYE REMOVAL**

SOLAR POWER PREDICTION USING ARTIFICIAL INTELLIGENCE

**INNOVATIVE MICROALGAE CHALLENGE: NUTRIENT
RECOVERY & CARBON CAPTURE FOR SUSTAINABLE BIOFUEL**

PORTABLE ECO FRIENDLY COOKING STOVE FOR CAMPING

D_GRASI PAPER BAG

**MEREKABENTUK PENAPIS BAGI AIR BUANGAN PENYAMAN
UDARA UNTUK KEGUNAAN TANAMAN DAN IKAN**

**SUSTAINABLE USE OF NATURAL RESOURCES THROUGH A
RAINWATER HARVESTING SYSTEM**

ECO-SUMP TRAP

SELF-HARVESTING BSFL PRODUCTION SYSTEM

POLYBAG SOIL ROTOR

**INSTITUT KEMAHIRAN MARA
JOHOR BAHRU**

**A SMART IOT-BASED PORTABLE FUME EXTRACTOR FOR
SUSTAINABLE AIR QUALITY MANAGEMENT IN WELDING
OPERATIONS**

**POLIEKNIK TUANKU SULTANAH
BAHIYAH**

**PAIP PENEBAT DIGUNA PAKAI SEBAGAI SHIN GUARD BAGI
SUKAN SEPAK RAGA TUJU**

**POLITEKNIK TUN SYED NASIR SYED
ISMAIL**

**BIOETHANOL FROM SUGARCANE BAGASSE & PINEAPPLE PEEL
FERMENTATION AS ALCOHOL REPLACER**

**JABATAN PENGAIRAN DAN
SALIRAN NEGERI KEDAH**

SMART PORTABLE RAINFALL COUNTER (SPORAC)

ADTEC JTM KAMPUS JITRA

SMART AQUA MONITORING SYSTEM

**INSTITUT KEMAHIRAN MARA ALOR
SETAR**

RE-FAB ART

**UNIVERSITI TUNKU ABDUL
RAHMAN**

**NEXT-GEN SUNLIGHT PHOTOCATALYST (G-C3N4/BiNbO4)
FOR ENHANCED DEGRADATION OF PPCPS IN WATER
TREATMENT**

**INNOVATIVE PHOTOCATALYTIC FUEL CELL-DRIVEN
PHOTOELECTROCHEMICAL SENSOR FOR SENSITIVE FOOD
CHEMICAL DETECTION**

**ADVANCED SOLAR PHOTOCATALYSIS FOR SUSTAINABLE
DEGRADATION OF EMERGING ORGANIC POLLUTANTS AND
HYDROGEN EVOLUTION**

UNIVERSITI UTARA MALAYSIA

**AIR ADALAH KEHIDUPAN: JOM PELIHARA BERSAMA! AN AI-
ASSISTED WATER EDUCATION INNOVATION FOR MALAYSIAN
SCHOOLCHILDREN**

**UNIVERSITI TUNKU ABDUL
RAHMAN**

SUSTAINABLE BIOPLASTIC FILM RECYCLING INITIATIVE

**UNIVERSITI TUNKU ABDUL
RAHMAN**

**DEVELOPMENT OF FERTILIZER FROM COMBINED DRY AND
WET AGRICULTURAL WASTES**

RISDA, SANDAKAN

SMART CUP FERTILIZER (SCF)

RISDA, SIBU

INGENIOUS OPENING PANEL (IOP)

**SEKOLAH KEBANGSAAN BANDAR
BARU DARULAMAN**

HYDROSENSE SYSTEM

KOLEJ KOMUNITI KUANTAN

CAN CRUSHER SYSTEM

MAJLIS BANDARAYA SHAH ALAM,

INSTITUT DELTA SEMARAK

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

KOLEJ BREYER GOMBAK

**SEKOLAH KEBANGSAAN SERI
INDERA**

**INSTITUT LATIHAN PERINDUSTRIAN
PEDAS**

**POLITEKNIK TUANKU SYED
SIRAJUDDIN**

**UNIVERSITAS SYIAH KUALAKEC.
SYIAH KUALA, BANDA ACEH**

**PUSAT LATIHAN TEKNOLOGI
TINGGI KULIM(ADTEC KULIM)**

UNIVERSITI MALAYSIA PERLIS

**KOLEJ TEKNOLOGI TERMAJU
KAMPUS KULIM**

UNIVERSITI MALAYSIA PERLIS

**SEKOLAH MENENGAH SULTAN
ABDUL HALIM**

**UNIVERSITI KEBANGSAAN
MALAYSIA**

**KOLEJ TEKNOLOGI TERMAJU
KAMPUS MARANG**

UNIVERSITI SAINS MALAYSIA

INEOS N

**SMART ENERGY : HYBRID RENEWABLE GENERATOR WITHOUT
FOSSIL FUEL DEPENDENCY**

**KAJIAN KEBERKESANAN PRODUK ALTERNATIF DARIPADA
JERAMI PADI**

FISH AUTOFEEDER WIFI

RECYPOT©: BREWED FOR A GREENER FUTURE

SMART PLANT IOT SYSTEM

**APPLICATION OF INTERNET OF THINGS (IOT) IN HYDROPONIC
SYSTEMS**

**OPTIMIZING ALTERNATIVE OF FUEL USING AN AI FOR THE
PYROLYSIS SYSTEM**

AGRICULTURE PESTICIDE MOBILE SPRAY ROBOT

ECOJAC MB

SOLAR-POWER SMART IOT AQUAPONIC SYSTEM N

EcoPiSa Sheet

PlastiQ

**EFFICIENT PATH PLANNING FOR AGRICULTURAL ROBOTIC
MANIPULATOR THROUGH EVOLUTIONARY COMPUTATION AI**

AQUAGUARD IOT

**HEALFLEX-BIOWEAVE: A LOW CARBON, ECO-FRIENDLY
WOUND DRESSING EMBEDDED WITH AI-OPTIMIZED
MICROALGAL BIO-METABOLITES FOR ANTIBACTERIAL
HEALING**

**BIOVALORIZATION OF PALM OIL WASTE INTO SOLID
BIOMASS FUEL USING ENVIRONMENTAL RECYCLING SYSTEM
(ERS).**

UNIVERSITI MALAYSIA PERLIS

SK DARULAMAN HEIGHTS

**SMK AGAMA KEDAH TAHFIZ
MODEL ULUL ALBAB**

UNIVERSITI SAINS MALAYSIA

SJKT LADANG HENRIETTA

UNIVERSITI MALAYSIA PERLIS

UNIVERSITI MALAYSIA PERLIS

INDONESIA

CLAYNOVA ECOBAG

**SMART FARM: IOT-BASED AUTOMATED IRRIGATION SYSTEM
WITH MOBILE ALERTS AND AUTOGATE ACCESS CONTROL**

ASQEN LOTION SPRAY

**IKEAFEED- HIGH NUTRITIOUS AI-ENHANCED MICROALGAE
BASED AQUAFEED FOR SUSTAINABLE AQUACULTURE**

**SMART IOT-BASED FLOOD ALERT SYSTEM AND MONITORING
SYSTEM USING TELEGRAM**

**BIOGUARD: SUSTAINABLE TREE SHELTER GUARD FROM PHBV
NANOCOMPOSITES**

**FROM NATURE TO FUNCTION: BIO-BASED PLASTICISER FOR
ADVANCED CHITOSAN/HYDROXYETHYL CELLULOSE FILMS**

**PLANT BASED PLASTIC AS WATER-SOLUBLE FOOD
PACKAGING**



TEACHING & LEARNING

**POLITEKNIK TUANKU SULTANAH
BAHIYAH**

LIGHTING MONITORING TRAINER

POLITEKNIK KUCHING SARAWAK

C.O.P THERMOMETER

KOLEJ KOMUNITI BESUT

GREEN HIGH DEFINITION AUDIO MIXER FOR TEACHER

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

PYTHAGORAS SMARTPRINT-AI KIT

TRIGONOX AI: HEAT-PRINTED SMART KIT

POLITEKNIK BANTING SELANGOR

**DEVELOPMENT PROTOTYPE JIG AND FIXTURE FOR TEACHING
AIDS AT POLYTECHNIC BANTING SELANGOR FOR PROCESS
WELDING AUTOMOTIVE PART**

**MAKTAB RENDAH SAINS MARA
JELI KELANTAN**

H-FON KIT

KOLEJ KOMUNITI BESUT

**MULTI AMPLIFIER ADJUSTMENT AND MONITORING SYSTEM
FOR TEACHER**

**POLITEKNIK TUANKU SULTANAH
BAHIYAH**

V GAUGE FITTING JIG

**INSTITUT KEMAHIRAN BELIA
NEGARA NAKA**

SMART RELAY CONTROL THREE PHASE WATER PUMP

KOLEJ KOMUNITI BESUT

**SMART VISUAL MALAYSIA SIGN LANGUAGE (SMVSL):
PEMBANGUNAN PROTOTAIP LAMAN WEB INTERAKTIF
BAHASA ISYARAT MALAYSIA BAGI MURID MASALAH
PENDENGARAN**

**INSTITUT LATIHAN PERINDUSTRIAN
JITRA**

PORTABLE BATTERY CHARGER & JUMP START

KOLEJ KOMUNITI REMBAU

EASY COCOPEAT TAYAMMUM

**KOLEJ VOKASIONAL SUNGAI
BULOH**

SIMULATION OF ACCOUNT (S.OF.A)

KOLEJ MATRIKULASI KEDAH

BIOD FLASH-GAME CARD

INSTITUT DELTA SEMARAK

WELDING UNDERSTANDING SYSTEM (WUS)

**KOLEJ VOKASIONAL SUNGAI
BULOH**

Q-BRAIN

**POLITEKNIK TUANKU SYED
SIRAJUDDIN**

GUESS WHAT BOARD GAME

**INSTITUT PENDIDIKAN GURU (IPG)
KAMPUS DARULAMAN**

CONNECTOSPHERE

3D HUMAN EYE MODEL

KOLEJ VOKASIONAL AMPANGAN

AUTOMATIC TIE WIRE TWISTER

MINI BEND TEST

ABSORBER SPRING OPENER

2 IN 1 VEHICLE STAND

**INSTITUT KEMAHIRAN BELIA
NEGARA BANDAR PENAWAR**

EDU-SCAFFOLD 3S

KOLEJ VOKASIONAL AMPANGAN

MEREKABENTUK KIPAS SEJUK AIR BERASASKAN IOT 2.0

KOLEJ KOMUNITI PAYA BESAR

COLOR WHEEL-IT

**INSTITUT LATIHAN PERINDUSTRIAN
JITRA**

MATERIAL COMPACT MIXER

KOLEJ KOMUNITI RAUB

**INNOVATING FASHION EDUCATION THROUGH INTERACTIVE
REFERENCE BOOKS**

**UNIVERSITI KEBANGSAAN
MALAYSIA**

**EDUCATIONAL WATER TREATMENT MINI UNITS: A HANDS-ON
APPROACH**

PERKASA SKILLS INSTITUTE

VISIKEY

PERKASA SKILLS INSTITUTE

SCENTED STORY BOOK

SJKC PEI MIN

Q&A HEXAGON

KOLEJ KOMUNITI KULIM

CELIK NIAGA EDUKIT

POLITEKNIK SULTAN IDRIS SHAH

**MINI LECTURE & VISUAL MIND MAP GALLERY: PENDEKATAN
VISUALISASI BERSTRUKTUR DALAM MENINGKATKAN
PEMAHAMAN KURSUS DPD30093 ISLAMIC FINANCIAL
SERVICES, LEGAL AND GOVERNANCE FRAMEWORK**

KOLEJ KOMUNITI SUNGAI PETANI

EKSLPORASI PENGAJIAN MALAYSIA

**KOLEJ PROFESIONAL MARA
BANDAR MELAKA**

**LITTLE HALAL INSPECTOR: HANDS-ON HALAL LITERACY
THROUGH ICEDR AND GAME-BASED LEARNING**

**PROTON INSTITUTE (ADTEC
MELAKA)**

**ISO TRACK KIT : ISOLATION MACHINE KIT WITH A
MONITORING SYSTEM**

MAKTAB MAHMUD ALOR SETAR

REVITALIZING ARABIC LEARNING: THE EDULUGHAH AI-DRIVEN ENGAGEMENT FRAMEWORK

KOLEJ KOMUNITI BANDAR BAHARU

AUTOMOTIVE E-FAULT GENERATOR

INSTITUT KEMAHIRAN MARA LUMUT

MAGNETIC GIANT SCRABBLE

POLITEKNIK IBRAHIM SULTAN

SMART RULER INNOVATION IN FASHION ILLUSTRATION ENHANCING DRAWING SKILLS AND MOTIVATION OF DEAF-MUTE AND FIRST-SEMESTER STUDENTS AT POLITEKNIK IBRAHIM SULTAN

AKADEMI TVET UNIRAZAK

AURA MAGICAL MIRROR

POLITEKNIK METRO JOHOR BAHRU

A.U GPT

KOLEJ POLY-TECH MARA IPOH

CODE CONQUERORS

KOLEJ POLY-TECH MARA IPOH

DIGITAL GALLERY WALK FLIPPED CLASSROOM

UNIVERSITI KEBANGSAAN MALAYSIA

MODEL EKOSISTEM PENGGUNAAN DRON DI SEKOLAH

KOLEJ KOMUNITI SEGAMAT

MODUL PEMBELAJARAN INTERAKTIF SDD 10023 PENGENALAN KEPADA ANIMASI

KOLEJ POLY TECH MARA IPOH

HELLO THINKERS!

DISASTER ADVERT

DISORDER

CHROMALAB - A GAMIFIED DIGITAL TOOL FOR TEACHING COLOR

POLITEKNIK TUN SYED NASIR SYED ISMAIL

POLIMIDORI ECOGAME: TURN STRATEGY INTO SUSTAINABILITY

KOLEJ POLY-TECH MARA IPOH

VNSAINS

PROTON INSTITUTE (ADTEC MELAKA)

VOLTAGE MONITORING SYSTEM WITH MOBILE INTERFACE

POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH

MYFPT-INNOVATIVE SOLUTION FOR FLEXIBLE PAVEMENT DESIGN

**KOLEJ KOMUNITI KUALA
TERENGGANU**

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

**INSTITUT KEMAHIRAN TINGGI
PERDA (PERDA-TECH)**

POLITEKNIK SULTAN IDRIS SHAH

KOLEJ KOMUNITI KUANTAN

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

**INSTITUT PENDIDIKAN GURU
KAMPUS DARULAMAN (IPGKDA)**

**KOLEJ KOMUNITI JEMPOL & KOLEJ
KOMUNITI KUALA PILAH**

**INSTITUT KEMAHIRAN BELIA
NEGARA KUALA LANGAT**

MAKTAB MAHMUD YAN

IPG KAMPUS DARULAMAN

**KOLEJ KAMAHIRAN TINGGI MARA
KEMAMAN**

IPG KAMPUS DARULAMAN

**POLITEKNIK TUANKU SYED
SIRAJUDDIN**

**PERBINAAN PROTOTAIP ALAT INOVASI LAMPU LED BERLARI
MESIN JAHIT UNTUK PENGGUNAAN PELAJAR**

**TRANSFORMASI PEMASARAN DIGITAL FORESTSPOT CAFÉ
MENGUNAKAN AUGMENTED REALITY (AR): STRATEGI
MENINGKATKAN DAYA SAING PERNIAGAAN**

LEXIVERSE

**iCaREhub:INTELLIGENT CALCULATOR AND RUBRIC
EVALUATOR HUB**

FEEDER SYSTEM IN CAN CRUSHER MACHINE

**STRAPPS 2.0: MOBILE APPLICATION FOR PRACTICAL
STRUCTURAL ENGINEERING LEARNING**

WE4U EDUVATORS

**IBOARD-KNX: ALAT BANTUAN MENGAJAR INTERAKTIF
UNTUK SISTEM AUTOMASI BANGUNAN, BAS**

BIM Auto-Checking e-Profiling System (BIMCheck Pro)

LUGHAH DHOD

Hud Hud Squad 5.0

**MAGNETIC FORCE-DRIVEN ITEM SEPARATION SYSTEM WITH
PLC MONITORING AND CONTROL**

SMART ENERGY USING SOLAR VOLT

IMAAN EXHIBITION

CHROMAGIC

SNAP DEEN

D'ARUZZ

TNT KHAT

BULLY FREEZONE

IEEP ONEVIEW

KOLEJ KOMUNITI BENTONG

MISI KITRAON

POLITEKNIK HULU TERENGGANU

TAPPI (TAP AND ACCESS PORTAL FOR PERSONAL INTERACTION)

POLITEKNIK KOTA BHARU

DINZ MATE

**INSTITUT KEMAHIRAN MARA
BESERI**

JUSTSAY APPS V2

KOLEJ KOMUNITI JEMPOL

360FLEXITRACER

**KOLEJ KOMUNITI BANDAR
DARULAMAN**

SMART PRODUCTION PROJECTION FOR BIZPLAN (SPP4B)

POLITEKNIK KOTA BHARU

TRIGO QUEST

**INSTITUT KEMAHIRAN MARA
BESERI**

FAN LAWS

**POLITEKNIK SULTAN ABDUL HALIM
MU'ADZAM SHAH**

QS INTERLLIQUANT APPS

POLITEKNIK SULTAN AZLAN SHAH

C-BUILD KIT

FINAL YEAR PROJECT ACCESS DATABASE (FYPAD) APPS 2.0

POLITEKNIK SEBERANG PERAI

VIRTULOGIX

**SEKOLAH KEBANGSAAN TITI
GAJAH**

TG-I-SEGAK

**POLITEKNIK TUANKU SYED
SIRAJUDDIN**

E-EVENT PRO

KOLEJ KOMUNITI PADANG TERAP

EZY SMART CONTROL v2

**UNIVERSITI TEKNOLOGI MARA
CAWANGAN MELAKA**

**SULAMFUSION5 : TRANSFORMATIVE ISLAMIC FINANCE
EDUCATION INTERACTIVE APPROACH THROUGH THE
INTEGRATION OF ARTIFICIAL INTELLIGENCE FOR RIBA
AVOIDANCE AWARENESS**

**INSTITUT PENDIDIKAN GURU
KAMPUS DARUL AMAN**

INSIRA-X

SAIBURI ISLAM WITTAYA SCHOOL

**DEVELOPMENT OF A SCIENTIFIC EXPERIMENT INNOVATION
MANUAL: GUIDELINES FOR PREVENTING EDUCATIONAL
INEQUALITY IN PRIMARY GRADES 4??6**

**SEKOLAH MENENGAH
KEBANGSAAN JITRA**

MATHTRIX: KEMBARA SI BIJAK SIFIR



POLITEKNIK KOTA BHARU	RODA STP: ALAT INOVATIF STRATEGI PEMASARAN
UNIVERSITI UTARA MALAYSIA	ORDER OF NATURE - WHEN LAW MEETS THE BEDROOM
SEKOLAH MENENGAH SULTAN ABDUL HALIM	TRANSFORVIZ METER
ADTEC JTM KAMPUS KUANTAN	VR CUTTING SIMULATION
POLITEKNIK SULTAN AZLAN SHAH	INCORP.MY
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA	ENTREPWEEK: A HYBRID INNOVATION FRAMEWORK FOR TRANSFORMATIVE ENTREPRENEURSHIP EDUCATION
POLITEKNIK IBRAHIM SULTAN	FLEX-CARD: PEMBELAJARAN AKTIF, PENGALAMAN BERMAKNA
POLYTECHNIC SULTAN AZLAN SHAH	PEMBINAAN KERETA LUMBA FORMULA SEBAGAI MEDIUM INOVASI PEMBELAJARAN BERASASKAN PROJEK (PBL) UNTUK PENINGKATAN KEMAHIRAN PELAJAR POLITEKNIK
KOLEJ PROFESIONAL MARA BANDAR MELAKA	HALALOGIX - VIRTUAL HALAL WAREHOUSE SIMULATOR
SMK AGAMA KEDAH TAHFIZ MODEL ULUL ALBAB	ECOAIR EDUTECH: AN IOT-BASED ENVIRONMENTAL MONITORING SYSTEM FOR INTERACTIVE STEM LEARNING.
POLITEKNIK IBRAHIM SULTAN	INOVASI ALAT BANTU PENGAJARAN TONE SCALE GUIDE BAGI KURSUS DVG10243 INTRODUCTION TO DRAWING UNTUK PELAJAR SEMESTER SATU DAN PELAJAR BERKEPERLUAN KHAS POLITEKNIK IBRAHIM SULTAN
POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH	OMRON PLC CP1E FOR EDUCATION TRAINER
SMK PEREMPUAN METHODIST	LANGUAGE UNDER PRESSURE: THINK, SPEAK, SURVIVE
POLITEKNIK TUANKU SULTANAH BAHYAH	A MOBILE ROBOT LEARNING KIT FOR VISION BASED LINE FOLLOWING
SK DATO' WAN KEMARA	KALIMAHCRAZE
KPTM ALOR SETAR	EDUPERSONA
KOLEJ KOMUNITI SUNGAI PETANI	BRILLIANT ACCOUNTING ILLUMINATION (BAI#NFC)
KOLEJ KOMUNITI MASJID TANAH	KKMT 3RD RELECTRASIM
POLITEKNIK SULTAN ABDUL HALIM MUADZAM SHAH	MARRTECH: Smart Learning Motherboard AR

POLITEKNIK MERLIMAU

I-EXPERTDB - INDUSTRY EXPERT DATABASE MANAGEMENT

KPTM ALOR SETAR

AI PYTHON TUTOR: A WEB-BASED PYTHON LEARNING ASSISTANT

KPTM ALOR SETAR

I-INTEGRITI

POLITEKNIK MERLIMAU

IMAS - INTEGRATED MASJID ASSET SYSTEM

**SMK PEREMPUAN METHODIST
IPOH**

CHATTER-BOX 2.0

POLITEKNIK IBRAHIM SULTAN

CINEMATE: MOBILE ANIMATION & CINEMATIC TOOLKIT FOR EDUCATION

SMA NEGERI 9 BANDA ACEH

MULTIMEDIA INTERACTIVE LEARNING

SEKOLAH KEBANGSAAN JITRA

SMART ROOM THERMOMETER

POLITEKNIK SULTAN AZLAN SHAH

VR LEVELING: PENGAPLIKASIAN TEKNOLOGI IMERSIF REALITY MAYA (VR) DI DALAM TOPIK PENGUKURAN ARAS BAGI KURSUS UKUR KEJURUTERAAN

SJKC KOTA TAMPAN

GRAMMAR'S NEXT TOP MODEL: EVERYONE SHOULD HAVE ROAR! OR MEOW? APPS ON THEIR PHONE

**SEKOLAH KEBANGSAAN BUKIT
TINGGI**

TRASH2POINTS



BUSINESS, MANAGEMENT & FINANCE / MARKETING

POLITEKNIK HULU TERENGGANU

FIELD ATTACHMENT & HANDS-ON INTERNSHIP MONITORING SYSTEM (FAHIMS)

**INSTITUT KEMAHIRAN BELIA
NEGARA NAKA**

PORTABLE AIR CONDITIONING CAGE

BISKUT BUNGA MAWAR

KARBOSNACK

CARROT STICK

**INSTITUT KEMAHIRAN BELIA
NEGARA BANDAR PENAWAR**

SUJOOD

KOLEJ KOMUNITI CHENDEROH

**KERNEL KRAZE: INOVASI POPCORN RASA TRADISI RENDANG
TOK & SAMBAL TUMIS PETAI**

KOLEJ KOMUNITI SUNGAI PETANI

GANAGO GANACHE

THE MOM'S SOLUTION

HERBA FORM SCALP SCRUB POWDER

FOKUS HERBS

**KOLEJ KOMUNITI KUALA
KANGSAR**

EDIBLE LACE

KOLEJ KOMUNITI KULIM

QUICKBITE ODEN

**KOLEJ KOMUNITI BANDAR
DARULAMAN**

**DIGITAL MAKER MARKET KOLEJ KOMUNITI BANDAR
DARULAMAN**

AKADEMI TVET UNIRAZAK

TINY TOES BALM STICK

POLITEKNIK SULTAN IDRIS SHAH

**BELIMIX SOFT SERVE: INSTANT BILIMBI-BASED ICE CREAM
POWDER**

UNIVERSITI UTARA MALAYSIA

**IMMERSIVE VR BRANDING GIMMICK: THE UUM-EBC LAUNCH
EXPERIENCE**

POLITEKNIK SULTAN IDRIS SHAH

ZESTY BILIMBI: FUN, FRESH, FUNCTIONAL

**BAHAGIAN PENGURUSAN SUMBER
MANUSIA, KEMENTERIAN
PENGAJIAN TINGGI**

EZZECLOUD

KOLEJ KOMUNITI SUNGAI SIPUT

WORSHIP WEAR

KOLEJ KOMUNITI KUANTAN

EZ - FOLD IRON BOARD

SEKOLAH KEBANGSAAN JITRA 3

SIRIE-C

**KOLEJ KOMUNITI KUALA LANGAT
CAWANGAN SEPANG**

PINK MASKER

**KOLEJ KAMAHIRAN TINGGI MARA,
KEMAMAN**

DETACHPRO COVERALL

**KOLEJ KAMAHIRAN TINGGI MARA,
KEMAMAN**

INTELLIGENCE AID FOR CHALLENGED PEOPLE

**INSTITUT PENDIDIKAN GURU
KAMPUS DARULAMAN**

I-STORYMOJI 2.0

**KAMPUS POLITEKNIK ACEH, KOTA
BANDA ACEH**

**PALM AURA: AN ECO-FRIENDLY NATURAL AROMATHERAPY
FROM PALM OIL ESSENCE**

**KAMPUS POLITEKNIK ACEH, KOTA
BANDA ACEH**

**SMARTCOST: AN INTELLIGENT APPLICATION FOR
CALCULATING COST OF GOODS SOLD (COGS) FOR
GLOBALLY COMPETITIVE SMES**

KOLEJ BREYER GOMBAK

WATERMELON RIND CANDY

OKARA CRUMB

KOLEJ KOMUNITI KUALA LANGAT

DENDENG NENAS BERAPI

POLITEKNIK MERLIMAU

**SCENTESIA CAPSULE: PEWANGI AROMATERAPI INOVATIF
DARIPADA SISA KOPI UNTUK KELESTARIAN ALAM**

POLITEKNIK IBRAHIM SULTAN

**HEALTH MONITORING AND SAFETY SMART JACKET FOR DEAF
COMMUNITY**

UNIVERSITI MALAYSIA PERLIS

**GLOWHERB - SUSTAINABLE HERBAL FACE MASKS ENHANCED
BY AI FOR PERSONALIZED SKINCARE**

**SEKOLAH KEBANGSAAN HAJI
WAHAB**

EVA THERMAL BAGQ

POLITEKNIK SULTAN IDRIS SHAH

SERTU KIT FOR TRAVELLER

KPTM ALOR SETAR

NOMADSECURE HIJAB

KPTM ALOR SETAR

AQUA CHIC SWIMWEAR

Thank You

WE SINCERELY THANK OUR SPONSOR, WHOSE UNWAVERING SUPPORT HAS PLAYED A VITAL ROLE IN THE SUCCESS OF THIS EVENT



**TENAGA
NASIONAL BERHAD** (200866-W)



LOTUS
LOTUS ELEVATOR SDN BHD



iCompEx 2025

**INTERNATIONAL INNOVATION AND INVENTION
COMPETITION THROUGH EXHIBITION**