

# P



# rogramme

book | BUKU PROGRAM

05 SEPT  
2024

BANGI AVENUE  
CONVENTION  
CENTRE

Theme / Tema:  
*Futuristic Transformative Education  
At The Core Of Sustainable Development*

Pendidikan Transformatif Futuristik  
Teras Pembangunan Lestari

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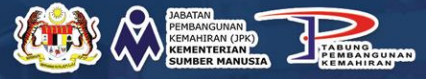
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PROFESSIONAL MUTAWWIF  
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# JOM MENDAFTAR *sebagai* PELAJAR MUTAWWIF

"BINA KERJAYA SEBAGAI MUTAWWIF PROFESSIONAL"

## DIPLOMA KEMAHIRAN PENGURUSAN MUTAWWIF UMRAH & ZIARAH

### KELEBIHAN YANG DISEDIAKAN :

- Pinjaman Yuran Pengajian
- Pinjaman Sara Hidup (**RM600 Sebulan**)
- Pinjaman Komputer (**RM2500 One-Off**)

### BENKEL MEKAH MADINAH DISEDIAKAN :

(Termasuk dalam Yuran Pengajian)

- Pelatih diwajibkan untuk menjalani bengkel pada semester akhir di **Mekah & Madinah**



### DAFTAR SEKARANG

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INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING  
(IUCEL 2024)  
X  
KONGRES DAN PERTANDINGAN INOVASI PENGAJARAN &  
PEMBELAJARAN UKM  
(kNOVASI 2024)

Pendidikan Transformatif Futuristik Teras Pembangunan Lestari

4 September 2024 | Fakulti Pendidikan, UKM  
5 September 2024 | Bangi Avenue Convention Centre (BACC)

BUKU PROGRAM

PENGAJARAN-UKM  
UNIVERSITI KEBANGSAAN MALAYSIA  
BANGI

2024

Hak cipta terpelihara. Tidak dibenarkan mengeluarkan mana-mana bahagian artikel, ilustrasi dan isi kandungan buku ini dalam apa jua bentuk dan dengan apa cara sekalipun, sama ada secara elektronik, fotokopi, rakaman atau cara lain sebelum mendapat keizinan bertulis daripada PENGAJARAN-UKM, UNIVERSITI KEBANGSAAN MALAYSIA.

Terbitan Pertama 2024  
Hak Cipta Pengajaran-UKM, Universiti Kebangsaan Malaysia

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Universiti Kebangsaan Malaysia,  
Bangi, Malaysia

Disunting oleh:  
Ahmad Irdha Mokhtar

Mohd Haidhar Kamarzaman	Mohamad Zulfazdlee Abul Hassan Ashari
Muhammad Nazri Rostam	Mohamad Azwan Kamarudin
Nur Syazwina Mustapa	Maryam Abdul Rahman
Zamzuri Zakaria	Anwar Fakhri Omar
Zulkifli Nawawi	Alya Nabihah Idris

Pengajaran-UKM

IUCEL 2024 International University Carnival on E-Learning 2024

kNOVASI 2024 Kongres dan Pertandingan Inovasi dalam Pengajaran dan Pembelajaran 2024  
(Pendidikan Transformatif Futuristik Teras Pembangunan Lestari) Buku Program

## KANDUNGAN

	Halaman
Tema IUCEL x kNOVASI 2024	6
Kata Aluan YB Menteri	8
Kata Aluan Naib Canselor	9
Kata Aluan Pengerusi MEIPTA	10
Kata Aluan Pengerusi IUCEL x kNOVASI 2024	11
Urus Setia IUCEL x kNOVASI 2024	12
Atur Cara IUCEL x kNOVASI 2024	15
Bengkel IUCEL x kNOVASI 2024	16
Bengkel 1 Ethics Unwired: Mastering AI Responsibility in Higher Education	17
Bengkel 2 AI-Powered Academic Research (AI-RE)	18
Bengkel 3 (Re)designing Teaching using GenAI	19
Bengkel 4 Embracing Generative AI in Students Assessment	20
Bengkel 5 Creating Inclusive Open Textbooks with Pressbooks	21
Bengkel 6 Kesedaran Harta Intelek dan Navigasi Pengkomersialan di Dunia yang Terus Berkembang	22
Atur Cara Majlis Perasmian IUCEL x kNOVASI 2024	23
Atur Cara Majlis Penutupan IUCEL x kNOVASI 2024	24
Ucaptive	25
Sesi Plenari IUCEL x kNOVASI 2024	27
Plenari I Pendidikan Transformatif Futuristik Teras Pembangunan Lestari	28
Plenari II Communiversity through Usrah In Action	29
Plenari III Leveraging Innovative Technologies and Shifting to Authentic Digital Assessment - The Advantages, Obstacles and Examples	30
Forum IUCEL x kNOVASI 2024	31
Jadual Pertandingan Inovasi IUCEL x kNOVASI 2024	36
Sesi I	37
Sesi II	56
Senarai Juri Pertandingan Inovasi	67
Anugerah IUCEL x kNOVASI 2024	69

Trofi, Medal & Cenderahati IUCEL x kNOVASI 2024	71
Pelan Lantai BACC	74
Aplikasi IUCEL x kNovasi	76
Penghargaan	77

## TEMA IUCEL X KNOVASI 2024

### “Pendidikan Transformatif Futuristik Teras Pembangunan Lestari”

Selepas satu abad usaha progresif untuk menambah baik pendidikan didaktik, ‘Pendidikan Futuristik’ perlu bersifat autentik dan transformatif. Pendidikan autentik dapat menjalin hubungan yang lebih baik antara pendidikan dan masyarakat, namun ia cenderung mencerminkan realiti dunia berbanding mengubahnya. Sebaliknya, pendidikan transformatif tidak hanya memperbaiki pandangan pedagogi autentik tetapi beraspirasi untuk mengubah peluang hidup pelajar secara dasar dan mengubah dunia mereka. Pendidikan transformatif kini sedang memuncul, membawa tanda-tanda perubahan yang ketara. Ia mengiktiraf warisan pendidikan masa lalu sambil merangka masa depan yang lebih baik. Pendidikan ini adalah tindakan imaginasi untuk masa depan pembelajaran, mencari cara praktikal untuk melaksanakannya dalam amalan semasa. Ia adalah proses berterusan, bukan destinasi yang tetap. Pendidikan transformatif bertujuan membangunkan kapasiti pelajar untuk menjadi pekerja yang baik dalam ekonomi pengetahuan, warganegara global yang aktif, dan individu yang seimbang dalam masyarakat yang kompleks. Ia memupuk kepekaan sosial dan tanggungjawab terhadap kebaikan bersama, selaras dengan rangkaian sosial yang semakin berkembang. Dengan itu, pendidikan transformatif memainkan peranan penting dalam pembangunan lestari dengan melengkapkan individu dengan pengetahuan, kemahiran, dan nilai yang diperlukan untuk menangani cabaran global dan mempromosikan masa depan yang lebih adil dan lestari.

## SUB TEMA IUCEL X KNOVASI 2024

### “Pendidikan Transformatif Futuristik Teras Pembangunan Lestari”

#### SUB TEMA

1. Kurikulum Transformatif Masa Hadapan
  - Kurikulum Transformatif Masa Hadapan
  - Kurikulum Transformatif Lestari
2. Pengajaran Futuristik
  - Pengajaran Futuristik Maya dengan Teknologi Memuncul
  - Pengajaran Futuristik Teradun dengan Teknologi Memuncul
  - Pengajaran Futuristik Bersemuka dengan Teknologi Memuncul
3. Pembelajaran Kalis Masa Depan
  - Pembelajaran Kalis Masa Depan secara Maya dengan Teknologi Memuncul
  - Pembelajaran Kalis Masa Depan secara Teradun dengan Teknologi Memuncul
  - Pembelajaran Kalis Masa Depan secara Bersemuka dengan Teknologi Memuncul
4. Penilaian Digital & Pentaksiran Alternatif
  - Penilaian Digital & Pentaksiran Alternatif Maya dengan Teknologi Memuncul
  - Penilaian Digital & Pentaksiran Alternatif Bersemuka dengan Teknologi Memuncul
5. Produk Futuristik
  - Pendidikan Futuristik dengan AI Generatif
  - Sumber Futuristik dengan OER dan iOER
  - Kredensial Futuristik dengan Mikro-kredensial dan MOOC
  - Pendidikan Futuristik melalui Aplikasi Mudah Alih

#### KATEGORI

1. Pertandingan Inovasi
  - Pertandingan yang melibatkan e-pembelajaran merangkumi ciptaan, inovasi dan reka bentuk dalam e-pembelajaran.
  - Pertandingan Inovasi Pengajaran dan Pembelajaran (bukan e-pembelajaran)
2. Pertandingan Inovator Digital Muda (Pelajar Sekolah)



## KATA ALUAN YB MENTERI



Salam Sejahtera dan Salam Madani

Pertama sekali, saya ingin mengucapkan setinggi-tinggi penghargaan kepada Universiti Kebangsaan Malaysia (UKM) dan Majlis E-Pembelajaran IPTA Malaysia kerana berjaya menganjurkan Karnival Universiti Antarabangsa mengenai E-Pembelajaran (International University Carnival on E-Learning, IUCEL) dan Kongres dan Pertandingan Inovasi dalam Pengajaran dan Pembelajaran (kNovasi) 2024. Tema tahun ini, "Transformative Futuristic Education at the Core of Sustainable Development," adalah sangat relevan dalam era perubahan pesat yang kita hadapi sekarang.

Pendidikan merupakan teras kepada pembangunan lestari, dan melalui transformasi pendidikan futuristik, kita dapat melahirkan generasi yang bukan sahaja berpengetahuan, tetapi juga berdaya saing, inovatif, dan mampu menghadapi cabaran masa depan. Penggunaan teknologi dalam pendidikan, khususnya e-pembelajaran, telah membuka peluang yang luas kepada pelajar untuk mendapat akses kepada ilmu tanpa batasan geografi.

Sebagai Menteri Pendidikan Tinggi, saya sangat berbangga dengan inisiatif ini yang tidak hanya memupuk semangat inovasi dalam kalangan pendidik dan pelajar, tetapi juga menyokong agenda pembangunan lestari negara. Saya yakin bahawa melalui kongres ini, kita akan dapat berkongsi idea, pengetahuan, dan pengalaman yang akan membawa kepada pembentukan strategi dan pendekatan baru dalam pendidikan.

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YB Senator Dato' Seri Diraja Dr. Zambry Abdul Kadir

Menteri Pendidikan Tinggi Malaysia

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Saya dengan rasa bangga dan sukacita mengalu-alukan kehadiran para peserta, penceramah, dan tetamu kehormat ke International University Carnival on E-Learning (IUCEL) dan Kongres dan Pertandingan Inovasi dalam Pengajaran dan Pembelajaran (kNovasi) 2024. Tema "*Transformative Futuristic Education at the Core of Sustainable Development*" mencerminkan komitmen UKM dalam memacu pendidikan yang inovatif dan lestari.

Sebagai tuan rumah untuk penganjuran IUCEL tahun ini, UKM sentiasa berusaha untuk menjadi peneraju dalam inovasi pendidikan. Melalui penganjuran IUCEL, kami berharap dapat menyediakan platform yang kondusif untuk perkongsian ilmu dan kolaborasi antara institusi pendidikan tinggi, industri, dan komuniti. Kami percaya bahawa melalui kerjasama ini, kita dapat mencipta penyelesaian yang lebih baik dan lebih efektif untuk menghadapi cabaran pendidikan masa depan.

Inovasi dalam pengajaran dan pembelajaran bukan sahaja tentang penggunaan teknologi terkini, tetapi juga tentang bagaimana kita dapat merangka kurikulum dan metodologi yang mampu menginspirasi dan memberi motivasi kepada pelajar. Saya yakin bahawa kongres ini akan menjadi titik tolak kepada transformasi pendidikan yang lebih bermakna dan bermanfaat kepada semua.

Saya ingin mengucapkan terima kasih kepada semua pihak yang telah bekerja keras untuk menjayakan IUCEL 2024. Semoga acara ini berjaya mencapai objektifnya dan memberi impak positif kepada semua yang terlibat.

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Prof. Datuk Gs. Ts. Dr. Mohd Ekhwan Toriman  
Naib Canselor Universiti Kebangsaan Malaysia

## KATA ALUAN PENERUSI MEIPTA



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Tema "*Transformative Futuristic Education at the Core of Sustainable Development*" amat bertepatan dengan aspirasi kita untuk membawa pendidikan ke tahap yang lebih tinggi melalui penggunaan teknologi dan inovasi. Majlis E-Pembelajaran IPTA Malaysia sentiasa komited untuk menyokong inisiatif yang memajukan e-pembelajaran dan memastikan bahawa pendidikan tinggi di Malaysia adalah selari dengan perkembangan global.

Saya berharap melalui kongres ini, para pendidik, penyelidik, dan pelajar dapat berkongsi pengetahuan, pengalaman, dan idea-idea inovatif yang dapat memperkaya pengajaran dan pembelajaran di institusi masing-masing. Kerjasama dan kolaborasi antara universiti adalah kunci kepada kejayaan dalam melahirkan graduan yang holistik dan bersedia untuk menghadapi cabaran masa depan.

Saya mengucapkan tahniah kepada semua peserta yang mengambil bahagian dalam IUCEL x kNovasi 2024 dan berharap acara ini akan menjadi satu platform yang berkesan untuk menggalakkan inovasi dalam pendidikan.

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Timbalan Pengarah Pusat Pemajuan Pembelajaran Digital dan Fleksibel,  
Universiti Teknologi Malaysia  
Merangkap Pengerusi MEIPTA

## KATA ALUAN PENERUSIU IUCEL X KNOVASI 2024



Salam Sejahtera dan Salam Inovasi,

Selamat datang ke *International University Carnival on E-Learning* (IUCEL) dan Kongres dan Pertandingan Inovasi dalam Pengajaran dan Pembelajaran (kNovasi) 2024. Saya berbesar hati untuk memberikan ucapan alu-aluan bagi acara yang penuh dengan idea dan inovasi ini. Tema "*Transformative Futuristic Education at the Core of Sustainable Development*" adalah cerminan komitmen kita semua terhadap masa depan pendidikan yang lebih lestari dan inklusif.

Sebagai Pengerusi kNovasi, saya sangat bangga melihat begitu banyak penyertaan dan minat dalam bidang inovasi pendidikan. Kami percaya bahawa dengan mendukung dan mempromosikan idea-idea baru dalam pengajaran dan pembelajaran, kita dapat mencipta persekitaran pendidikan yang lebih dinamik dan responsif kepada keperluan masa depan.

Pendidikan futuristik adalah lebih daripada sekadar teknologi; ia adalah tentang cara kita membentuk minda dan bakat untuk menjadi agen perubahan dalam masyarakat. Melalui kongres ini, kami berharap dapat memberi inspirasi kepada para pendidik dan pelajar untuk berfikir di luar kotak dan mencari pendekatan baru yang boleh membawa manfaat besar kepada komuniti dan alam sekitar.

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Universiti Kebangsaan Malaysia  
Merangkap Pengerusi IUCEL x kNovasi 2024

## URUS SETIA IUCEL X KNOVASI 2024

### Penasihat

Prof. Dr. Abdul Halim Abdul Gafor  
*Timbalan Naib Canselor (Akademik & Antarabangsa)*

### Pengerusi

Prof. Madya Ts. Dr. Zulkefli Mansor  
*Pengajaran-UKM*

### Pengerusi Bersama

Prof. Madya Dr. Azidah Abu Ziden  
*BKA, Jabatan Pendidikan Tinggi*

### Timbalan Pengerusi 1

Prof. Madya Dr. Azmin Sham Rambely  
*Fakulti Sains & Teknologi*

### Timbalan Pengerusi 2

Dr. Nor Atika Md Ashar  
*Pengajaran-UKM*

### Setiausaha 1

Encik Muhammad Fahmi Mike Abdullah  
*Pengajaran-UKM*

### Setiausaha 2

En. Nor Rajaie Hashim  
*Pengajaran-UKM*

### Pembantu Setiausaha 1

Cik Nur Fadzilla Yusoff  
*Pengajaran-UKM*

### Pembantu Setiausaha 2

En. Muhamad Nasuha Jaafar  
*Pengajaran-UKM*

### Bendahari

En. Ariffudin Musleh  
*Pengajaran-UKM*

Pn. Asmahira Abdullah, Bhgn. Hasil, Jbtn. Bendahari

Pn. Norsuhaili Md Arshad, Bhgn. Hasil, Jbtn. Bendahari

## JAWATANKUASA

### JK Protokol & Cenderamata

Prof. Dr. Ahmad Rohi Ghazali, *FSK (Ketua)*  
Dr. Mohd Kaisan Mahadi, *FFar*  
Dr. Nor Farah Mohamad Fauzi, *FSK*  
Dr. Nor Aniza Azmi, *FSK*  
En. Mohd Norhafizun Mohd Saman, *FSK*  
Pn. Noor Shafinaz Puteh, *FSK*  
Cik Nur Syuhada Abdul Razak, *FSK*  
En. Anthony Ulek Anak Jeti *Pengajaran-UKM*  
Pn. Moliawati Dahalan, *Pengajaran-UKM*

### JK Pendaftaran

Prof. Madya Dr. Mohd Hanif Zulfakar, *FFar (Ketua)*  
Dr. Dayana Hazwani Mohd Suadi Nata, *FSK*

Dr. Chandini Menon A/P Premakumar, *FFar*  
Dr. Nor Asyikin Mohd Tahir, *FFar*  
Pn. Siti Aishah Yusof, *Pengajaran-UKM*  
Pn. Norzawani Abdul Rahim, *Pengajaran-UKM*

### JK Sistem

Dr. Sakhinah Abu Bakar, *FST (Ketua)*  
Prof. Madya Dr. Fatimah Abdul Razak, *FST*  
Prof. Madya ChM. Dr. Nurul Izzaty Hassan, *FST*  
Prof. Madya Dr. Zamira Hasanah Zamzuri, *FST*  
Pn. Nurul Nadiah Ibrahim, *Pengajaran-UKM*

### **JK Saintifik**

Dr. Abdul Hadi Azman, *FKAB* (Ketua)  
 Dr. Nor Kamaliana Khamis, *FKAB*  
 Dr. Asma' Abu Samah, *FKAB*  
 Dr. Muhammad Alias Md. Jedi, *FKAB*  
 Prof. Madya Dr. Razinah Sharif @ Mohd Sharif, *FSK*  
 Prof. Madya Dr. Ahmad Yunus Mohd Noor, *FPI*  
 Dr. Zurina Mahadi, *PPCU*  
 Prof. Madya Dr. Azmin Sham Rambely, *FST*  
 Encik Muhamad Nasuha Jaafar, *Pengajaran-UKM*

### **JK Pertandingan Inovasi**

Dr. Noorhelyna Razali, *FKAB* (Ketua)  
 Dr. Izamarlina Asshaari, *FKAB*  
 Dr. Nur Arzilah Ismail, *FKAB*  
 Dr. Nuryazmin Ahmat Zainuri, *FKAB*  
 Dr. Noraishikin Zulkarnain, *FKAB*  
 Dr. Syahirah Abd Halim, *FKAB*  
 Pn. Ruzaini Ahmad, *FKAB*  
 Prof. Madya Ts. Dr. Muhammad Helmi Norman, *Pengajaran-UKM*  
 Pn. Syafura Abdul Halim, *Pengajaran-UKM*  
 Pn. Zatulhijannah Miasin, *Pengajaran-UKM*  
 Pn. Nurul Asmidar Norozi, *Pengajaran-UKM*

### **JK Logistik & Peralatan**

Ts. Dr. Noor Faridatul Ainun Zainal, *FTSM* (Ketua)  
 Dr. Kauthar Mohd Daud, *FTSM*  
 Dr. Syaidatun Nazirah Abu Zahrin, *PPCU*  
 Pn. Suhana Mat Saat, *PTM*  
 En. Nurul Hazril Hali, *PTM*  
 Dr. Hafizhah Suzana Hussien, *PTM*  
 En. Zulkarnain Zainuddin, *Pengajaran-UKM*  
 En. Muhammad Ghazali Arafin, *Pengajaran-UKM*  
 En. Izrie Fadzlie Abdullah Zawawi, *Pengajaran-UKM*

### **JK Hebahan, Promosi & Dokumentasi**

Dr. Mohd Nasir Selamat, *FSSK* (Ketua)  
 Dr. Rusyda Helma Mohd, *FSSK*  
 Pn. Hasnur Bariah Adnan, *FSSK*

En. Meor Mohamad Nazhan Meor Ridzuan, *FSSK*  
 Pn. Nik Izzaty Najian Nik Mohd Iskandar, *FSSK*  
 Dr. Nurzihan Hassim, *FSSK*  
 Dr. Ammar Redza Ahmad Rizal, *FSSK*  
 En. Mohd. Khairul Mohamed, *Pengajaran-UKM*  
 Pn. Nurul Nadiah Ibrahim, *Pengajaran-UKM*  
 En. Muhammad Ghazali Arafin, *Pengajaran-UKM*  
 En. Muhammad Zaid Gazalli, *Pengajaran-UKM*

### **JK Buku Program & Abstrak**

Dr. Ahmad Irdha Mokhtar, *FPI* (Ketua)  
 Dr. Zamzuri Zakaria, *FPI*  
 Dr. Mohd Haidhar Kamarzaman, *FPI*  
 Pn. Nur Syazwina Mustapa, *FPI*  
 En. Muhammad Nazri Rostam, *FPI*  
 En. Zulkifli Nawawi, *FPI*  
 Dr. Mohamad Zulfazdlee Abul Hassan Ashari, *FPI*  
 En. Mohamad Azwan Kamarudin, *FPI*  
 Pn. Maryam Abdul Rahman, *FPI*  
 En. Anwar Fakhri Omar, *FPI*  
 Cik Alya Nabihah Idris, *Pengajaran-UKM*

### **JK Penajaan**

Prof. Madya Dr. Mazlina Mohd Said, *UKM-CESMED* (Ketua)  
 Dr. Wardah Mustafa Din, *PPCU*  
 Prof. Dr. Ismail Mohd Saiboon, *Pengajaran-UKM*  
 Pn. Nor Faridawati Bahari, *Pengajaran-UKM*  
 Pn. Nurul Anis Mohd Makhin, *Pengajaran-UKM*

### **JK Bengkel**

Dr. Suhaizad Saifuddin, *FUU* (Ketua)  
 Dr. Mohd Izzat Amsyar Mohd Arif, *FUU*  
 Dr. Hanifah Haydar Ali Tajuddin, *FUU*  
 Dr. Muhamad Sayuti Hassan, *FUU*  
 Dr. Nadhilah A.Kadir, *FUU*  
 Dr. Mohamad Azhan Yahya, *FUU*

En. Muhammad Fahmi Mike Abdullah  
*Pengajaran-UKM*

**Auditor**

Pn. Sufeera Rahmad, *Pusat Pengajian Citra  
Universiti, UKM*

En. Anthony Ulek Anak Jeti, *Pengajaran-  
UKM*

**Bahagian Kecemerlangan Akademik**

Prof. Madya Dr. Azidah Abu Ziden, *BKA*

Tamil Selvi A/P Virasinggam, *BKA*

Wan Nalia Wan Zaib, *BKA*

## ATUR CARA IUCEL X KNOVASI 2024

### PENDIDIKAN TRANSFORMATIF FUTURISTIK TERAS PEMBANGUNAN LESTARI

#### PRA-KONGRES

4 SEPTEMBER 2024 | RABU

Venue: Bilik Gerak Minda, Fakulti Pendidikan, UKM

Masa	Program
08.30 pg – 05.15 ptg	Pendaftaran peserta
09:00 pg – 12.00 tgh	Bengkel 1 Bengkel 2 Bengkel 3
12.00 tgh – 02.30 ptg	Makan tengah hari
02.30 ptg – 04.30 ptg	Bengkel 4 Bengkel 5 Bengkel 6 (Slot 1 dan Slot 2)
04.30 ptg – 05-15 ptg	Minum petang

#### KONGRES

5 SEPTEMBER 2024 | KHAMIS

Venue: Bangi Avenue Convention Centre (BACC)

Masa	Program
07.00 pg – 05.15 ptg	Pendaftaran peserta Pameran korporat penaja
07.00 pg – 08.15 pg	Sarapan Pagi
08.15 pg – 10.30 pg	Majlis Perasmian Ucaptama
10.30 pg – 11.00 pg	Minum Pagi
11.00 pg – 01.00 ptg	Plenari I (11.05 pagi – 11.50 pagi) Plenari II (12.05 tengah hari – 12.50 tengah hari) Sesi 1 Pertandingan Inovasi
01.00 ptg – 02.30 ptg	Makan Tengah Hari
02.30 ptg – 04.30 ptg	Sesi Forum Sesi 2 Pertandingan Inovasi
04.30 ptg – 04.45 ptg	Minum petang
04.45 ptg – 05.25 ptg	Plenari III
05.30 ptg – 06.30 ptg	Majlis Penutupan & Penyampaian Anugerah



# BENGKEL



## BENGKEL 1

### ETHICS UNWIRED: MASTERING AI RESPONSIBILITY IN HIGHER EDUCATION

Sesi Pagi  
9.00 pagi – 12.00 tengah hari

#### Penceramah

Prof. Ts. Dr. Mira Kartiwi  
Pengarah  
Center for Professional Development, UIAM

#### Moderator

Dr. Hanifah Haydar Ali Tajuddin



#### ABSTRACT

Within the dynamic realm of Artificial Intelligence (AI), ethical questions have paramount importance, particularly in educational environments where AI technologies have a substantial impact on learning outcomes and student engagement. This workshop is specifically intended for educators from different academic fields in higher education. Its main objective is to enhance awareness of the AI ethical implications and equip participants with the competencies needed to integrate these considerations into their courses. In this workshop, participants will explore the fundamental concepts of AI ethics, which encompass topics such as privacy, bias, transparency, and accountability. The participants of this workshop will also analyse ethical challenges presented by AI technology in education using interactive discussions, case studies, and group activities. These examples will highlight issues such as data security, algorithmic bias, and broader societal consequences of educational tools driven by technology. Participants will acquire the skills to develop robust learning objectives and formulate comprehensive teaching plans that encompass not only the theoretical parts of AI ethics but also foster critical thinking and ethical reasoning among students. The workshop will provide educators with the expertise and abilities for designing courses that tackle ethical dilemmas in AI, cultivating an educational setting that emphasizes ethical consciousness and advocates for the appropriate utilisation of AI technologies. Upon completion of this workshop, participants will have a clear framework for incorporating ethics into their teaching methodologies, thus ensuring that future professionals have the necessary skills to navigate the complex landscape of AI across many industries.

## BENGKEL 2

### AI-POWERED ACADEMIC RESEARCH (AI-RE)

Sesi Pagi  
9.00 pagi – 12.00 tengah hari

#### **Penceramah**

Ms. Analisa Hamdan  
Digital Learning Designer / Lecturer /  
Researcher,  
Digital Learning Hub (DLH), Asia Pacific  
University of Technology & Innovation



#### **Moderator**

Dr. Muhamad Sayuti bin Hassan

### ABSTRACT

Join us for an engaging workshop on AI-Powered Academic Research (AI-RE), designed to transform the way you approach research and academic writing. The AI-RE module harnesses the power of artificial intelligence to enhance efficiency, productivity, and cost-effectiveness in academic research. Acting as a virtual research assistant, the AI-RE module offers comprehensive support in reviewing literature, analysing data, summarizing findings, assisting with writing tasks, generating bibliographies and citations, and providing personalized AI support using AI-RE chatbots and custom built GPTs. This workshop aims to equip participants with the skills to leverage AI tools effectively, making the research process more streamlined and insightful. Attendees will gain hands-on experience with cutting-edge AI technologies that can significantly reduce the time and effort required in conducting thorough literature reviews, performing complex data analyses, and producing high-quality academic writing. The AI-RE module is designed to assist researchers in navigating the often-cumbersome tasks associated with academic work, allowing them to focus more on critical thinking and innovative problem-solving. Whether you're a seasoned researcher, PhD candidate, or a master's student just beginning your research journey, this session will provide valuable insights and practical techniques to elevate your academic work. Participants will also engage in interactive discussions, ask questions, and receive tailored advice on integrating AI into their specific research workflows. Don't miss this opportunity to explore the future of academic research with AI and to join a community of forward-thinking scholars dedicated to advancing the frontiers of knowledge through technology. Secure your spot today and take the first step towards revolutionizing your research practices.

## BENGKEL 3

### (RE)DESIGNING TEACHING USING GENAI

Sesi Pagi  
9.00 pagi – 12.00 tengah hari

#### **Penceramah**

Dr. Nadiya Akmal Baharum  
Jabatan Biologi Sel dan Molekul, Fakulti  
Bioteknologi dan Sains Biomolekul  
Universiti Putra Malaysia



#### **Moderator**

Dr. Hanifah Haydar Ali Tajuddin

#### **ABSTRACT**

The "(Re)designing Teaching using GenAI" workshop is designed for educators seeking to integrate Generative AI (GenAI) into their teaching methods. This hands-on workshop will guide participants through enhancing three pivotal Teaching and Learning (TnL) elements: learning materials, activities, and assessments using various tools. Participants will first be introduced to Gamma AI for creating dynamic and visually appealing presentation slides. This introduction will cover the basics of Gamma AI, including how to navigate its user-friendly interface and utilize its various features. Participants will also learn how to use ChatGPT combined with interactive platforms like Pear Deck to design engaging class activities. These tools facilitate interactive lessons, promoting active learning and student participation, making the learning experience more immersive and effective. Participants will also be able to explore innovative assessment methods using AI tools. By the end of the workshop, educators will be equipped with the knowledge and skills to incorporate GenAI into their teaching practices, fostering a more engaging, personalized, and efficient learning environment.

## BENGGEL 4

### EMBRACING GENERATIVE AI IN STUDENTS ASSESSMENT

Sesi Petang  
2.30 petang – 4.30 petang

#### **Penceramah**

Prof. Madya Dr. Syamsul Nor Azlan Mohamad  
Pengarah Bahagian Pentaksiran dan Penilaian  
Akademik, Universiti Teknologi MARA

#### **Moderator**

Dr. Muhamad Sayuti bin Hassan



#### **ABSTRACT**

During this workshop, we will uncover the significance of high-quality questions in education and discuss Bloom's Taxonomy of Learning as a framework for designing questions that promote critical thinking skills. We will explore Socratic questioning techniques and their ability to encourage deep understanding and analysis among students. In the hands-on segment, we will demonstrate how ChatGPT can be utilized to generate a wide range of question types aligned with Bloom's Taxonomy and Socratic questioning techniques. Attendees will witness the power of ChatGPT as it generates custom-tailored questions based on text inputs, providing educators with a tool to save time and create engaging assessments. Through this workshop, participants will gain practical insights into crafting questions that align with specific learning objectives and promote higher-order thinking. Whether you're a teacher, instructional designer, or curriculum developer, this workshop will equip you with the knowledge and tools to enhance your assessment practices and improve student learning outcome.

## BENGKEL 5

### CREATING INCLUSIVE OPEN TEXTBOOKS WITH PRESSBOOKS

Sesi Petang  
2.30 petang – 4.30 petang

#### **Penceramah**

Pn. Salmie Jemon  
Timbalan Pengarah  
Pusat E-Pembelajaran, Universiti Malaysia  
Sabah



#### **Moderator**

Dr. Mohd Izzat Amsyar Mohd Arif

### ABSTRACT

This two-hour workshop is designed to introduce participants to the basics of creating Inclusive Open Textbooks (IOTB). The session will provide an overview of Open Educational Resources (OER) and Inclusive Open Educational Resources (IOER), highlighting the importance of making educational materials accessible and adaptable for all learners. Participants will begin with a brief introduction to Pressbooks, focusing on its key features for developing accessible textbooks. They will then engage in hands-on activities to gain practical experience with essential accessibility features, such as adjustable text formats and screen reader compatibility. Throughout the workshop, participants will create a textbook chapter that incorporates these features, allowing them to apply their new skills in a practical context. By the end of the workshop, participants will have acquired foundational skills for developing open textbooks that support all students, including those with disabilities. This will enable them to contribute to creating equitable learning environments and support Sustainable Development Goal 4, which aims to ensure quality education for everyone.

## BENGKEL 6

### KESEDARAN HARTA INTELEK DAN NAVIGASI PENGKOMERSIALAN DI DUNIA YANG TERUS BERKEMBANG

#### Slot 1: Kesedaran Harta Intelek

2.30 petang – 3.30 petang

#### Penceramah

Puan Nurul Syafinaz binti Md Katan  
Pegawai Tadbir, Pusat Inovasi dan Pemindahan Teknologi,  
Universiti Kebangsaan Malaysia.



#### Moderator

Dr. Mohd Azhan Yahya

#### Abstrak

Bengkel Kesedaran Harta Intelek ini bertujuan untuk meningkatkan pemahaman dan kesedaran mengenai kepentingan harta intelek dalam kalangan penyelidik. Bengkel ini akan merangkumi sesi penerangan jenis harta intelek, prosedur permohonan, serta manfaat perlindungan harta intelek. Dengan penyertaan dalam program ini, diharapkan peserta akan lebih memahami cara melindungi dan memanfaatkan harta intelek dalam bidang masing-masing.

#### Slot 2: Navigasi Pengkomersialan di Dunia yang Terus Berkembang

3.30 petang – 4.30 petang

#### Penceramah

En. Ahmad Radzi Amirruddin  
Eksekutif Inovasi, Unit Pemula, Pusat Inovasi dan  
Pemindahan Teknologi, Universiti Kebangsaan Malaysia



#### Moderator

Dr. Mohd Azhan Yahya

#### Abstrak

Pengkomersialan di UKM adalah di bawah tanggungjawab Pusat Inovasi dan Pemindahan Teknologi. Pengkomersialan bukan sahaja mendatangkan markah KPI bagi penyelidik dan universiti, malah dapat mendatangkan ganjaran dalam bentuk kewangan bagi mereka yang berjaya menghasilkan inovasi yang mampu dimanfaatkan oleh masyarakat. Secara umumnya, inovasi yang dikomersialkan telah dilindungi dari sudut harta intelek. Di UKM, pengkomersialan inovasi adalah tertakluk kepada dasar pengkomersialan universiti. Hasil pengkomersialan akan diagihkan kepada penyelidik dan dikongsi bersama dengan pihak universiti. Peranan Pusat Inovasi dalam pengkomersialan di UKM juga akan diterangkan.

## ATUR CARA MAJLIS PERASMIAN IUCEL X KNOVASI 2024

5 September 2024 | Khamis  
8.15 pagi  
Bangi Avenue Convention Centre

### “PENDIDIKAN TRANSFORMATIF FUTURISTIK TERAS PEMBANGUNAN LESTARI”

- 8.15 pagi : Ketibaan Pengurusan Tertinggi UKM, Tetamu Kehormat & Dif-dif Jemputan
- 8.30 pagi : Ketibaan Perasmi Ketua Pengarah Pendidikan Tinggi Kementerian Pendidikan Tinggi  
**YBhg. Prof. Dr. Azlinda binti Azman**
- 8.35 pagi : Nyanyian Lagu NEGARAKU & VARSITI KITA
- 8.45 pagi : Bacaan Doa
- 8.50 pagi : Ucapan Aluan oleh Timbalan Naib Canselor (Hal-ehwal Akademik & Antarabangsa) Universiti Kebangsaan Malaysia  
**YBhg. Prof. Dr. Abdul Halim Abdul Gafor**
- 9.00 pagi : Ucapan Perasmian dan Ucaptama oleh Ketua Pengarah Pendidikan Tinggi Kementerian Pendidikan Tinggi  
**YBhg. Prof. Dr. Azlinda binti Azman**
- 10.15 pagi : Pelancaran Buku “Amalan Terbaik Pembelajaran Imersif bagi Pendidikan Tinggi”
- 10.20 pagi : Gimik Video Montaj Ulang tahun Ke-15 Kongres dan Pertandingan Inovasi dalam Pengajaran dan Pembelajaran (kNovasi)
- 10.25 pagi : Sesi Fotografi
- 10.30 pagi : Jamuan dan Bersurai



## ATUR CARA MAJLIS PENUTUPAN IUCEL X KNOVASI 2024

5 September 2024 | Khamis  
5.15 petang  
Bangi Avenue Convention Centre

### “PENDIDIKAN TRANSFORMATIF FUTURISTIK TERAS PEMBANGUNAN LESTARI”

- 5.15 petang : Jamuan dan Ketibaan Pengurusan Tertinggi UKM,  
Tetamu Kehormat & Dif-dif Jemputan
- 5.30 petang : Bacaan Doa
- 5.35 petang : Ucapan Aluan  
oleh Pengarah Pusat Pengajaran & Pembangunan Kurikulum  
**YBrs. Prof. Madya Ts. Dr. Zulkefli Mansor**
- 5.40 petang : Ucapan Aluan  
oleh Pengerusi Majlis Ketua-ketua E-Pembelajaran  
IPTA Malaysia (MEIPTA)  
**YBrs. Prof. Madya Dr. Nurbiha A. Shukor**
- 5.45 petang : Ucapan Perasmian Penutup  
oleh Timbalan Naib Canselor  
(Hal-ehwal Akademik & Antarabangsa)  
Universiti Kebangsaan Malaysia  
**YBhg. Prof. Dr. Abdul Halim Abdul Gafor**
- 5.55 petang : Penyampaian Hadiah
- 6.30 petang : Bersurai

## UCAPTAMA



Prof. Dr. Azlinda binti Azman  
Ketua Pengarah Pendidikan Tinggi  
Kementerian Pendidikan Tinggi

### MUKADIMAH

Syukur ke hadrat Allah SWT kerana dengan limpah kurnia-Nya dapat kita hadir bersama-sama dalam Majlis Perasmian Karnival Universiti Antarabangsa Dalam E-Pembelajaran (International University Carnival on E-Learning, IUCEL) bersama Kongres & Pertandingan Inovasi Pengajaran dan Pembelajaran 2024, atau lebih dikenali sebagai IUCEL x KNOVASI, pada pagi yang berbahagia ini.

Saya amat berbesar hati apabila diundang untuk merasmikan persidangan yang membariskan panel jemputan dan tokoh-tokoh yang berkaliber dalam dunia pendidikan Malaysia. Terima kasih diucapkan atas penghormatan ini. Saya juga amat mengalu-alukan kehadiran dan penglibatan kesemua peserta kongres pada tahun ini. Saya difahamkan anjuran IUCEL x KNOVASI pada tahun ini telah berjaya mengumpulkan sebanyak lebih 200 penyertaan inovasi pengajaran dan pembelajaran dari pelbagai institusi pengajian awam dan swasta dari segenap pelusuk negara. Keterlibatan tuan puan sekalian membuktikan iltizam dan usaha anda untuk terus memperbaiki mutu diri dan kualiti pendidikan negara. Syabas saya ucapkan!

### PENDIDIKAN TRANSFORMATIF FUTURISTIK TERAS PEMBANGUNAN LESTARI

Penganjuran IUCEL x KNOVASI 2024 kali ini bertemakan “PENDIDIKAN TRANSFORMATIF FUTURISTIK TERAS PEMBANGUNAN LESTARI”. Hadirin yang dihormati sekalian, pengajaran dan pembelajaran berorientasikan masa hadapan bukanlah sesuatu yang asing lagi, malah perlu menjadi teras pendidikan tinggi nasional. Revolusi

Perindustrian Ke-4 telah membawa kepada era baharu yang didorong oleh inovasi teknologi, automasi, kecerdasan buatan, data raya dan teknologi transformatif yang lain. Memetik kata mutiara Professor Klaus Schwab, pengasas dan bekas pengerusi *World Economic Forum*, “*The Fourth Industrial Revolution is characterized by a range of new technologies that are fusing the physical, digital, and biological worlds, impacting all disciplines, economies, and industries. Education must adapt to this transformation by fostering new skills and mindsets.*” Untuk bergerak seiring dengan perubahan ini, landskap pendidikan kita haruslah melambangkan transformasi berterusan, lebih daripada sekadar koleksi buku teks; ianya semestinya berfungsi sebagai pelan tindakan untuk melengkapkan pelajar dengan set kemahiran dan pengetahuan untuk memenuhi keperluan pasaran kerja dan relevan dengan perkembangan masa akan datang.

Tuan-tuan dan puan-puan, fokus sistem pendidikan bukan lagi terhad kepada menyokong perkembangan pengetahuan dan kemahiran seseorang graduan, malah lebih penting, menyediakan bakal graduan untuk pekerjaan yang belum dicipta, untuk teknologi yang masih belum diterokai, dan mencari penyelesaian kepada masalah yang masih belum dihadapi. Adalah menjadi tanggungjawab bersama kerajaan, institusi pendidikan tinggi dan industri untuk merebut peluang dan mencari penyelesaian kepada cabaran ini demi mendukung aspirasi ekonomi, teknologi, dan sosial negara. Begitulah intipati “Pendidikan Tersedia Masa Hadapan” atau Future Ready Education – di mana pendekatan kurikulum yang lentur dan organik menjadi tumpuan utama dalam membentuk generasi yang adaptif terhadap keperluan masa hadapan dan mampu mengemudi landskap industri global yang kian pesat berkembang.

Memandangkan dunia pekerjaan sedang mengalami transformasi yang dibawa oleh revolusi industri dan teknologi yang kian berkembang, institusi pendidikan tinggi hari ini menjadi medan utama dalam mereka bentuk kurikulum tersedia masa hadapan yang relevan dengan perubahan keperluan tenaga mahir di masa hadapan. Graduan bukan sahaja perlu diterapkan dengan kemahiran insaniah seperti komunikasi, kepimpinan, dan pemikiran kritis, malah mereka juga perlu dilengkapi dengan kemahiran tersedia masa hadapan, yang berfokuskan kepada literasi digital, pembelajaran diperibadikan atau personalised learning, pembelajaran trans-disiplin serta dipupuk dengan sifat kewarganegaraan global dan celik budaya sebagai persediaan untuk menghadapi ekosistem ekonomi dan sosial yang kian merubah. Model pendidikan tradisional yang dahulunya kekurangan penglibatan industri, kini perlu menggalakkan perkongsian industri-akademik untuk menghasilkan kurikulum yang responsif kepada keperluan pasaran ekonomi. Kerjasama sebegini adalah penting

untuk memastikan Institusi Pendidikan Tinggi sentiasa cakna dengan permintaan industri dan jurang kemahiran yang ada agar memastikan pembangunan kurikulum dapat menyediakan pelajar memenuhi tuntutan dunia kerja yang dinamik dan menyokong pembangunan negara yang mampan.

Tuan-tuan dan puan-puan, di peringkat Kementerian Pendidikan Tinggi, kami sentiasa memastikan pembangunan dasar pendidikan tinggi yang holistik serta strategi pengurusan bakat yang mampan supaya ianya selari dengan kemajuan teknologi, pendekatan dan cara baharu, serta cocok dengan perkembangan industri global. Bagi memenuhi hasrat ini, Pelan Tindakan Pendidikan Tinggi Malaysia 2022–2025 telah dirangka bagi mencapai aspirasi Kementerian untuk mewujudkan sistem pendidikan tinggi yang mampan di peringkat global. Dokumen ini menggariskan 10 Lonjakan berdasarkan kepada enam (6) bidang fokus; dan salah satu daripadanya adalah Ketersediaan Graduan Masa Hadapan. Kerajaan juga sentiasa memastikan usaha bersepadu dilaksanakan bagi menggalakkan peralihan kepada sistem pendidikan tinggi yang lebih fleksibel dan memenuhi kehendak industri. Antara usaha yang dijalankan oleh KPT ialah pengenalan Program 2U2I, iaitu 2 tahun universiti, 2 tahun industri bagi mengurangkan kebergantungan kepada proses pengajaran dan pembelajaran di kampus; program *microcredentials* di Institusi Pendidikan Tinggi bagi memperkasakan usaha *reskilling* dan *reskilling* para pekerja; juga membanyakkan program pengajian menggunakan konsep *Work Based Learning* bersama sektor industri.

KPT juga terus menyokong usaha pembangunan bakat-bakat akademik dan kesarjanaan yang holistik. Walaupun dasar kaedah pendidikan konvensional masih lagi relevan, namun kita perlu melangkah keluar dari ruang lingkup sedia ada untuk menyusun kembali dan membayangkan semula pendidikan untuk generasi akan datang. Sistem pendidikan tanpa sempadan di zaman ini banyak membuka ruang kepada pendidik untuk meneroka strategi pembelajaran yang lebih kreatif dan inovatif menerusi pembelajaran di luar bilik darjah, seperti pembelajaran berasaskan pengalaman yang dapat merapatkan jurang antara bilik darjah dan realiti serta memupuk daya kreativiti dalam kalangan pelajar. Pendidik perlu berinovasi dan terus memperkasa diri dengan pendekatan pedagogi yang sesuai, agar dapat memperkenalkan pelajar kepada konsep-konsep kritikal seperti kelestarian, inovasi, dan tanggungjawab sosial. Dengan memupuk kemahiran abad ke-21 seperti pembelajaran sepanjang hayat, kreativiti, dan keusahawanan, pendidik memainkan peranan dalam memastikan pendidikan yang disampaikan adalah relevan dengan perubahan zaman, seterusnya membantu

menzahirkan generasi muda yang bukan sahaja cemerlang dalam akademik, tetapi juga mapan, peka budaya, berdaya tahan dan berdaya saing dalam pasaran global yang semakin kompleks.

Para hadirin sekalian, apabila membicarakan Pendidikan Tersedia Masa Hadapan dalam era dunia tanpa sempadan ini, kita harus akui bahawa ianya tidak wujud TANPA cabaran yang harus kita atasi. Antara cabaran utama adalah ketidaksamaan akses kepada teknologi dan sumber pendidikan, yang boleh memperburukkan jurang digital antara pelajar dari latar belakang sosioekonomi yang berbeza. Hasil dari revolusi teknologi maklumat dan ledakan pengetahuan terbuka, disertai dengan pengaruh globalisasi yang membawa kepada idea liberalisasi budaya dan sosio-politik, akan mendedahkan pelajar kepada elemen negatif dalam pengetahuan dan kemahiran yang dimiliki. Selain itu, penekanan berlebihan pada teknologi dalam kurikulum mungkin mengurangkan tumpuan kepada aspek asas pendidikan seperti nilai moral dan kemahiran sosial, mungkin membawa kepada pengurangan interaksi manusiawi, yang penting untuk perkembangan holistik pelajar. Di sinilah peranan para pendidik, penggubal dasar pendidikan, pengkaji dan aktivis pendidikan untuk meneroka idea dan strategi, serta berkongsi pandangan bagi memastikan objektif Pendidikan Tersedia Masa Hadapan dapat dicapai dengan berkesan tanpa mengkompromi sifat keinsanan, etika, serta identiti nasional pelajar. Dan saya percaya amanah ini dapat digalas dengan baik oleh tuan/puan yang hadir ke kongress IUCEL x KNOVASI 2024 pada hari ini. Dan untuk itu, sebuah buku yang bertajuk “Amalan Terbaik Pembelajaran Imersif bagi Pendidikan Tinggi” akan secara rasminya dilancarkan dalam Majlis ini.

## HARAPAN

Justeru itu, saya menyeru kepada semua warga pendidik yang hadir untuk memanfaatkan karnival pendidikan ini sebagai landasan tahunan untuk para pendidik berkongsi hasil dapatan kajian, idea serta inovasi pendidikan yang bukan sahaja dapat memberi manfaat bersama malah menyumbang kepada pelaksanaan pendidikan tersedia masa hadapan yang berkualiti dan lestari, demi membentuk generasi muda yang holistik dan harmoni serta mampu berdiri sama tinggi dan duduk sama rendah setanding dengan negara maju.

Akhir kata, saya ingin mengucapkan syabas dan tahniah kepada pihak penganjuran bersama karnival IUCEL x KNOVASI 2024 tahun ini, atas usaha dan komitmen tinggi untuk memastikan kelancaran program yang akan berlangsung pada hari ini. Semoga usaha murni ini akan dapat diteruskan lagi pada tahun-tahun akan datang.

# SESI PLENARI



## PLENARI I

### PENDIDIKAN TRANSFORMATIF FUTURISTIK TERAS PEMBANGUNAN LESTARI



#### **PROF. DR. ABD KARIM BIN ALIAS**

Principal Fellow

Centre for Academic Advancement, Flexible Learning  
Universiti Tenaga Nasional (UNITEN)

Prof. Dr. Abd Karim Alias is a former Professor of Food Technology at the School of Industrial Technology, Universiti Sains Malaysia (USM) and the former Director of the Centre for Development of Academic Excellence. He taught at USM for over 28 years, starting in 1994, before retiring in October 2022. In addition, he held several administrative positions, including Deputy Dean, Director of CDAE, Senate member

for many years, and Senate representative on the university's Board of Governors. Currently, he serves as a Distinguished Fellow at UNITEN and Universiti Malaya's Adjunct Professor. In 2008, he received the Ministry of Higher Education of Malaysia's prestigious National Academic Award for teaching. He has received Malaysia's Rising Star 2015 Award (Highest research citation in Agricultural Sciences/Food Science & Technology), the Malaysia Research Star Award for four consecutive years (2016, 2017, 2018, 2019), and the World's Most Influential Scientific Minds by Clarivet Analytics. On a national level, he is a Master Trainer for AKEPT and a writer for the Malaysia Education Blueprint 2015-2025 (Higher Education) and involved in various national projects for the Ministry of Higher Education, Malaysian Qualification Agency and the Malaysia Academy of Science. As co-chairman of the National Technical Committee, he led twenty public universities in the development of Malaysia's MOOC. Dr. Karim is an ardent supporter of utilising the Internet as an alternative learning and teaching medium. He has created and maintained a variety of teaching-related portals, websites, online courses, and blogs. As of March 2024, his 503 instructional videos on YouTube have received over 1.3 million views from over 190 countries, with an estimated 71,000 watched hours and over 8900 subscribers. At IUCEL2022, he was awarded two prestigious national awards, i.e., the Higher Education e-Learning Maestro Award and the Best Trendsetter Award.

#### **ABSTRAK**

Dalam dunia VUCA yang melalui perubahan global yang pesat, pendidikan transformatif memainkan peranan penting sebagai asas kepada pembangunan lestari. Ucapan plenari ini akan menekankan bagaimana pendidikan yang inovatif dan bersifat maju mampu membentuk generasi masa depan yang lebih peka terhadap kelestarian alam, sosial, dan ekonomi. Dengan mengintegrasikan teknologi terkini, pendekatan holistik dan inklusif dalam pendidikan dapat mempersiapkan pelajar untuk menghadapi cabaran global seperti perubahan iklim, ketidaksamaan, dan kekurangan sumber. Pendidikan transformatif futuristik bukan sahaja melahirkan tenaga kerja berkemahiran tinggi, tetapi juga individu yang berdaya tahan, kreatif, dan mampu memacu kemajuan lestari di peringkat global.

## PLENARI II

### COMMUNIVERSITY THROUGH USRAH IN ACTION



**DR. AL AMIRUL EIMER BIN RAMDZAN ALI**

Sejahtera Centre for Sustainability and Humanity  
Level 2, Muhammad Abdul Rauf (MAR) Building  
International Islamic University Malaysia

Al Amirul Eimer Bin Ramdzan Ali is the current Deputy Director at the Sejahtera Centre for Sustainability and Humanity, International Islamic University Malaysia. In addition to his administrative role, he is also an Assistant Professor at two prominent Kulliyahs within the International Islamic University Malaysia (IIUM): the Kulliyah of Languages and Management and the Kulliyah of Economics and Management Sciences. He brings additional value through his effective communication skills, both verbal and written. He also loves building rapport and fostering connections with individuals from diverse backgrounds. He always integrates the element of community engagement in his teaching and learning to ensure that his students contribute to the society.

#### ABSTRACT

'Communiversality' is a term beautifully crafted to depict the direction of the university now. It is a combination of community and university, highlighting the pressing need for both to be integrated, and universities are no longer an ivory tower but part and parcel of community development and transformation towards sustainable development. In translating this agenda into a concrete action plan, IIUM has introduced new sustainable development courses, and embedded sustainable development in the existing courses as part of reorientation of curriculum towards Education for Sustainable Development. The process of curriculum reorientation is changing the narrative of community engagement as what used to be co-curricular activities, into the main curriculum of the university, truly translating the concept of 'communiversality' through formal education.

## PLENARI III

### LEVERAGING INNOVATIVE TECHNOLOGIES AND SHIFTING TO AUTHENTIC DIGITAL ASSESSMENT - THE ADVANTAGES, OBSTACLES AND EXAMPLES



**MRS. NORHIDAYAH RAHIM**

Senior Sales Executive, APAC Inspera, Kuala Lumpur

Evaluating student learning in any educational program can be tough because it's not always easy to see if they truly understand the material. Students can memorize facts and repeat them without real comprehension, or they might copy work with little effort. Authentic assessment helps solve these problems by focusing on how to evaluate students' grasp of a subject and their academic skills. It requires them to use their knowledge

in real-life or realistic situations. For authentic assessment to effectively measure students' abilities, it must meet specific criteria. This ensures that students are developing properly through their education. If it doesn't meet these criteria, the assessment can't be seen as truly authentic, as it won't accurately reflect a student's growth. Using authentic assessments in online learning has many advantages for both teachers and students. There are various ways to incorporate authentic assessment online, but educators should always follow key steps like choosing the right learning outcomes, defining relevant tasks, and establishing essential performance criteria. There are no fixed standards for what authentic assessments should look like; they should be tailored to each subject area, leading to different types of assessments. Indiana University Bloomington provides some examples of authentic assessments by subject area.

However, there are challenges to implementing authentic assessment in online learning. Some challenges may be unique to specific subjects or educators, but common issues include being time-consuming for both students and instructors, dealing with geographic diversity, and the subjectivity of grading. The online learning environment is ready for real assessment, creating great chances for students. They can enjoy more time for reflection and better communication with peers and teachers. Students can quickly access data and information, connecting with real devices and practices that relate to their everyday lives, making each task more meaningful. Inspera can tackle the challenges of real assessment, providing teachers with the tools to create challenges for students worldwide and set up flexible communication and feedback points tailored to each subject and task.

# FORUM





**TAJUK FORUM :**  
**MENJAJAR PENDIDIKAN DENGAN MATLAMAT KELESTARIAN**  
**DAN INOVASI TEKNOLOGI**

**PANEL FORUM 1**



**PROF. DR. MOHD NIZAM MOHD SAID**

Professor Dr. Mohd Nizam bin Mohd Said, is currently a Professor of Forest Ecology at the Department of Biological Sciences and Biotechnology, Faculty of Science and Technology, Universiti Kebangsaan Malaysia; and Principal Fellow at the Institute of Climate Change UKM. He specializes in Tropical Forest Ecology, focusing on impacts of climate change on forest ecosystem, and biodiversity and conservation of tropical forests. His current interests are on Climate Change Education, and Education for Sustainable Development (ESD), where he received several grants from the UNESCO Jakarta Office, and the Ministry of Higher Education Malaysia (MOHE) to conduct studies on the related subject. Among projects funded by the UNESCO are: Development of Training Material on Climate Change Education for Small Island Developing States in Asia Pacific, Reviewing Education Policy of Five Cluster Countries on How SDG4 Can be Accelerated by Education Interventions, Sub-Regional Policy Report on ESD for 2030, Greening Education for Sustainable Development; and a project Compendium of Climate Change Based Cased Studies that is funded by the MOHE.

In May 2016, he was invited as leading trainer by the UNESCO for the Training of Teachers on Climate Change Education, conducted in Suva, Fiji. He was also selected by the UNESCO Jakarta Office to lead a team to evaluate Science and Mathematics curriculum in Timor-Leste in 2018, and to represent UNESCO in Global Citizenship Education training in Seoul, South Korea in 2018. In 2021, he involved in Training of Teachers on Revitalizing of Green School Programme in Subregional Countries, conducted by the UNESCO; and in June 2023 he was invited by UNESCO as a panel on Malaysia-UNESCO Cooperation Programme to discuss on the success of climate education initiatives in small islands of Pacific. Subsequently in September 2023, he was invited to deliver a talk to 200 secondary school teachers in Jakarta on Greening Education for Sustainable Development.

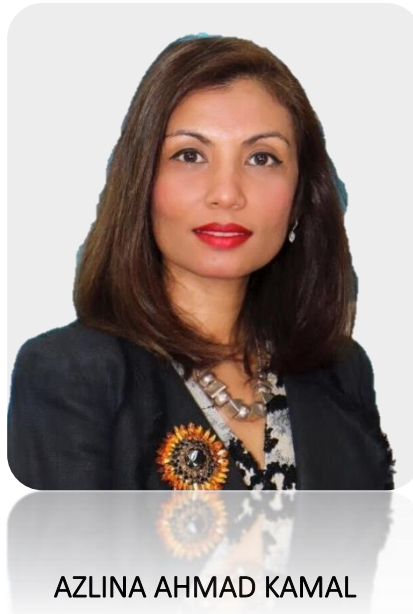
## PANEL FORUM 2



**KUMARAN SINGARAM**

Kumaran Singaram headed Cisco Systems Malaysia between 2005-2008 as its Managing Director. Prior to that he held the position as the Head of Telecom business for Cisco in Asia Pacific ex-Japan, a \$ 330 million operations. After over 10 years in San Jose, California based Cisco Systems, Kumaran went on to work for the Lippo Group to build the first 4G network in Indonesia. After the acquisition of the First Media wireless business by Mitsui, Kumaran returned to Malaysia to incorporate 2 companies in 2014, Nimbus Cloud and Metora Data Science. Kumaran's areas of focus in the recent years have been in Data Engineering and Data Sciences. He holds a MSc in computer security from the University of Liverpool and an MSc in Internet Engineering from IUMW.

### PANEL FORUM 3



**AZLINA AHMAD KAMAL**

Azlina Kamal is the UNICEF Education Specialist and Lead in Malaysia. She has provided leadership and technical guidance for the strategic development and implementation of education programmes in Malaysia, the Philippines and the Latin America and the Caribbean regional office.

She seeks opportunities to accelerate innovation for learning and to leverage on government and private sector partnerships for system strengthening, for capacity building, and for greater engagement and advocacy. Besides focusing on improving learning outcomes, Azlina's work revolves around ensuring equity and inclusion especially for children who are marginalised, disadvantaged, excluded. She has also provided thought leadership and participated in various discussions at the country, regional and global levels on equity, inclusion and organisational improvements. She graduated with distinction from the University of Kent, and the UCL Institute of Education London specialising in Education Leadership and Management and was a recipient of the British Chevening Award.

## MODERATOR FORUM



**WAN MOHD AIMRAN BIN WAN MOHD KAMIL**

Wan Mohd Aimran Wan Mohd Kamil telah berkhidmat sebagai pensyarah fizik dan astronomi di Jabatan Fizik Gunaan, Fakulti Sains dan Teknologi, Universiti Kebangsaan Malaysia, di mana beliau merupakan penyelarar bagi kursus-kursus jabatan seperti Amali Fizik, Fizik Moden, Astronomi, selain mengajar kursus-kursus fakulti seperti Etika dalam Kegiatan Sains dan Teknologi, Sejarah dan Falsafah Sains, dan Pengenalan kepada Sains Tauhidik. Beliau juga pernah dilantik sebagai Duta Pembelajaran Aktif dan Felo Pengajaran UKM oleh Pusat Pengajaran dan Pembangunan Kurikulum, UKM. Beliau juga merupakan salah seorang ahli Jawatankuasa ChatGPT-UKM yang bertanggungjawab untuk meneroka dan memetakan peluang dan risiko kepintaran buatan ke atas kegiatan pengajaran, penyelidikan dan pentadbiran di UKM. Beliau juga dilantik sebagai salah seorang Penyelarar Kualiti Program di peringkat fakulti yang mengendalikan kegiatan jaminan kualiti yang melibatkan penyediaan dokumen dan audit berkala. Selain itu, beliau berkhidmat sebagai Penyelarar Jawatankuasa Olimpiad Fizik Malaysia yang bertanggungjawab untuk memilih dan melatih ahli pasukan negara ke pertandingan International Physics Olympiad (IPhO) sejak tahun 2012 sehingga kini. Beliau juga berperanan sebagai Ketua Pasukan Negara ke IPhO sejak tahun 2015 sehingga kini. Beliau juga berkhidmat sebagai Ketua Modul untuk Program Perkhemahan Cuti Sekolah di Pusat PERMATA Pintar Negara di mana beliau telah membangunkan dan mengajar kursus-kursus pengayaan dalam bidang astrofizik, fizik lanjutan dan astronomi budaya untuk murid-murid pintar dan berbakat. Penyelidikan beliau bertumpu kepada pencemaran cahaya dan pendidikan fizik. Beliau pernah dijemput untuk menyampaikan ceramah di Planetarium Negara, selain ditemu bual di Radio IKIM dan beberapa buah dokumentari terbitan RTM.

# JADUAL PERTANDINGAN INOVASI



## JADUAL PERTANDINGAN INOVASI

5hb September 2024

SESI I

11.00 pagi -1.00 tengah hari

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
1	1	A0110	Keberkesanan Pentaksiran Alternatif (PA) melalui Implementasi Model Refleksi Gibbs dalam Kursus SKAA 2073 Kajilidikan Lapangan	Dr. Noviatin Syarifuddin	Pusat Kajian Pembangunan, Sosial dan Persekitaran, Fakulti Sains Sosial dan Kemanusiaan, Universiti Kebangsaan Malaysia
	2	A024	Integrating Innovative Digital Assessment and Real-World Problem Solving (DA-ReProS) in Molecular Spectroscopy Learning	Norazzizi Bin Nordin	School of Chemical Sciences, Universiti Sains Malaysia
	3	A0301	Edu-Fusion: GAMIFYASSESS	Wan Nor Jazmina Binti Wan Ariffin	Universiti Sultan Zainal Abidin
2	4	A0268	The Mind: Inovasi dalam Pentaksiran Alternatif Bagi Kursus Falsafah dan Isu Semasa	Nurshuhada Mohamed	Pusat Pengajian Kenegaraan & Keusahawanan, Fakulti Pengajian Umum & Pendidikan Lanjutan, Universiti Sultan Zainal Abidin (Unisza)
	5	A0265	OSCE: A Holistic Assessment for Teaching and Learning	Tan Li Peng	Faculty of Veterinary Medicine, Universiti Malaysia Kelantan City Campus, Pengkalan Chepa
	6	A0267	INPUT-IQ: Academic Text Engagement Matrix	Shahidatul Maslina Mat Sood	English Language Unit, Faculty of Language Studies and Human Development, Universiti Malaysia

A DIGITAL ASSESSMENT & ALTERNATIVE EVALUATION

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
					Kelantan, Kampus Bachok
3	7	A083	Sistem Pembelajaran Kriptografi Interaktif	Muhammad Al-Fateh Bin Mohd Yusof	Universiti Kebangsaan Malaysia
	8	A0247	Debate-Driven Learning: Advancing Clinical Nutrition Education for Future-Ready Graduates	Nor Aini Jamil	Dietetics Programme, Faculty of Health Sciences
	9	A074	TikTok's Role in Education: Exploring Its Potential as a Learning Platform	Noorfathehah Binti Abdullah Sani	Universiti Malaysia Terengganu
4	10	A058	Revolutionize Grading: AI-Powered Rubric Evaluation with Noodle Factory	Dr Vinothini Vasodavan	Taylor's University
	11	A0228	Beyond One-Size-Fits-All: A Personalised Assessment for an Epidemiology Study Design Module	Tengku Amatullah Madeehah Binti T Mohd	Universiti Sains Islam Malaysia
	12	A0235	Revolutionizing Dietetics: Leveraging OSCE for Clinical Skills Competency Assessment	Harvinder Kaur A/P Gilcharan Singh	Dietetics Program   Centre for Community Health Studies (Reach) Faculty of Health Sciences, Universiti Kebangsaan Malaysia
5	13	A0158	Transforming Student-Supervisor Relationships: Pilot Implementation of a Web App in Clinical Training	Sivakumar Arunachalam	IMU University/School of Dentistry
	14	A028	Innovations in Pharmacy Education with Software Solutions for Molecular Visualization and Docking in Medicinal Chemistry	Lam Kok Wai	Faculty of Pharmacy, Universiti Kebangsaan Malaysia
	15	A0170	Innovating Phytochemistry	Juriyati Jalil	Centre For Drug and Herbal Development,

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Education: Development and Assessment of Virtual Laboratory Simulation for Triterpene Screening in Medicinal Plants		Faculty of Pharmacy, Universiti Kebangsaan Malaysia, Jalan Raja Muda Abdul Aziz
6	16	A0132	Pythons & Ladders: A Formative Assessment Hybrid Board Game for Python Programming Concepts	Mohamad Firdaus Che Abdul Rani	Asia Pacific University of Technology & Innovation
	17	A021	Game-based Paragogy in Virtual Learning Space: Mathematics World of Fun (WoF)	Liyana Binti Truna	Universiti Malaysia Sarawak (UNIMAS)
	18	A061	From Pencils to Pixels: Bridging the Gap in Calculus Assessment	Ng Eng Hui	Taylor's University Malaysia
7	19	A070	A Mundane Process or A Missed Opportunity for Feedback? Integrating Formative Assessments in Online Alphanumeric Classroom Attendance Marking System	Lai Kee Huong	Taylor's University
	20	A0172	PeerA: An App for Online Peer Assessment in Medical Problem-Based Learning Groups	William Lim Kiong Seng	Universiti Malaysia Sarawak
	21	A080	Gamifikasi Dalam Aplikasi Pembelajaran Kesedaran Siber	Muhammad Hakim Adlin Bin Mohamad Nor	Universiti Kebangsaan Malaysia
8	22	A0223	The Development of Academic Performance Tracking Using Looker Studio	Ros Nadiah Rosli	Universiti Kebangsaan Malaysia
	23	A0214	Alternative Assessment for Teaching and Learning Programming Subjects with Generative AI	Chin Kim On	Universiti Malaysia Sabah



No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
9	24	A0128	Fuzzy based assessment techniques for assessing students' use of Generative Artificial Intelligence (GenAI) tools	Nurhasyimah Abd Aziz	Department of Mechanical & Manufacturing Engineering, Faculty of Engineering & Built Environment, Universiti Kebangsaan Malaysia
	25	A0274	Penilaian alternatif Projek Sarjana Muda Industri	Aryati Bakri	Fakulti Komputeran, UTM
	26	A0202	Kaedah HybridRoleplay@IHL Dalam Penilaian Kursus Undang-Undang Kemanusiaan Antarabangsa	Muhamad Sayuti Hassan	Fakulti Undang-Undang, Universiti Kebangsaan Malaysia
10	27	A0233	LeadEval: AI-Driven Personalized Assessment	Dr. Wan Muhamad Salahudin Wan Salleh	Fakulti Ekonomi dan Pengurusan Universiti Kebangsaan Malaysia
	28	A035	Teaching Excellence System (TES): A Systematic Management System for Teaching and Learning Activities in Universiti Malaysia Sarawak (UNIMAS): Phase One	Dayang Azra Binti Awang Mat	Centre For Applied Learning and Multimedia, Universiti Malaysia Sarawak
	29	A0123	Period Poverty: Digital Innovation in Revolutionizing Menstrual Products for B40 Women	Dr Sharala Subramaniam	Taylor's University
	30	A0211	RECLINE: Object Detection-Based System for Enhanced Upper-Limb Stroke Rehabilitation	Nur Amira Abdul Majid	Asia Pacific University, Jalan Teknologi 5, Taman Teknologi Malaysia, Wilayah Persekutuan Kuala Lumpur

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
11	31	A0181	Exam Management Analytical System (EMAS)	Prof. Ts. Dr. Manjit Singh Sidhu	Universiti Tenaga Nasional (UNITEN)
	32	A0193	An AI-Driven Chatbot for Early Detection and Support of Mental Illness	Ts.Dr. Noorayisahbe Binti Mohd Yaacob	Strategic Information and Software Systems (SISS), Softam, FTSM, UKM
	33	A0208	Electronic Personal Dose Record (E-PDR) System: Assessment And Monitoring Tool For Radiation Exposure During Clinical Trainings	Muhammad Safwan Bin Ahmad Fadzil	Diagnostic Imaging & Radiotherapy Program, Centre for Diagnostic, Therapeutic & Investigative Studies, Faculty of Health Sciences, Universiti Kebangsaan Malaysia
12	34	A0176	i-Practical Exercise CAD via eLearn@USM	Associate Professor Dr. Mohd Salman Abu Mansor	School of Mechanical Engineering, Engineering Campus, Universiti Sains Malaysia
	35	A0280	EduPod: Podcast-Powered E-Assessment for Global English Classroom	Nur Hafezah Binti Hussein	Faculty for Language Studies and Human Development, Universiti Malaysia Kelantan
	36	A0139	Enhancing Phytochemistry Education: Development and Assessment of Virtual Laboratory Simulation for Alkaloid Detection	Khairana Binti Husain	Fakulti Farmasi, Universiti Kebangsaan Malaysia
13	37	A0293	Artistic Horizons: Advancing with Cybergogy and Generative Design in Innovative Art	Afifuddin Husairi Hussain	Pusat Pengajian Citra Universiti
	38	A0288	Development Of An E-Learning Module In Ultrasound For Radiography Education (SonoPhile)	Afifah Binti Mohamed	Fakulti Sains Kesihatan, Universiti Kebangsaan Malaysia

B FUTURE-PROOF LEARNING

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
14	39	A0191	PROfolio (Professional e-Portfolio): A Professional Development Initiative for Pre-Service English Teachers	Wirawati Ngui Yi Xe	Universiti Malaysia Sabah
	40	A0294	Teaching Basic Calculus Through Game-Based Learning	Ruzanna Ab Razak	Universiti Kebangsaan Malaysia
	41	A0281	Tunetech Mandarin: Music As The Gateway Towards Chinese Language Acquisition	Dr. Julia Tan Yin Yin	Universiti Malaysia Kelantan
15	42	A0186	Gamifikasi Pendidikan Puasa Untuk Kanak-Kanak Prasekolah	Zurina Muda	FTSM UKM Bangi
	43	A0300	Meningkatkan Pemikiran Komputasional Menggunakan Dron	Noor Faridatul Ainun Zainal	Universiti Kebangsaan Malaysia
	44	A0285	Santuni Anak Syurga: Penyediaan Terapi Bantuan Haiwan Kepada Kanak-Kanak Autistik Sebagai Pembelajaran Berasaskan Perkhidmatan	Siti Fathihah Binti Abd Latif	Universiti Malaysia Kelantan
16	45	A0221	DinoRehab: Revolutionizing Carpal Tunnel Syndrome Recovery Through Pose Estimation and Gamification	Nur Amira Abdul Majid	Asia Pacific University, Jalan Teknologi 5, Taman Teknologi Malaysia
	46	A0230	Transformative HIV/AIDS Advocacy: Empowering Students and Communities Through Education and Collaboration.	Azahah Binti Abu Hassan Sha'ari	Faculty of Social Sciences and Humanities, Universiti Kebangsaan Malaysia
	47	A0234	Flying High: Revolutionizing Transport Engineering	Elizabeth Chong Eu Mee	Swinburne University of Technology

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			with Unmanned Aerial Vehicle Technology		Sarawak Campus, Jalan Simpang Tiga
	48	A0224	Aspek Intralinguistik dan Ekstralinguistik untuk Penutur Asing (AIE.PA)	Juwairiah Binti Osman	Universiti Malaya
17	49	A0150	Pembelajaran Teradun Sokongan Dalam Usul Al-Fiqh: Daripada Tradisi Merentasi Teknologi	Zahari Bin Mahad Musa	Fakulti Syariah Dan Undang-Undang, Universiti Sains Islam Malaysia
	50	A0155	IEEE TryEngineering STEM Program "Electronics in Coding and Robotics": A case study in Malaysia	P Sushitha Menon A/P N V Visvanathan	Institute Of Microengineering and Nanoelectronics (IMEN), Universiti Kebangsaan Malaysia (UKM)
	51	A0302	"E-Modelling": An e-book for secondary school student on the implementation of mathematical modelling integrated with STEM education	Aslipah Binti Tasarib	Universiti Kebangsaan Malaysia
18	52	A0321	TikTok Teaches: Revamping Early Clinical Exposure (ECE) Engagement Through Social Media	Dr. Siti Fadziyah Bt Mohamad Asri	Faculty of Medicine, Universiti Sultan Zainal Abidin, Jalan Sultan Mahmud
	53	A057	What's in the Consumer's Mind?: Merging Virtual Reality and Physical Reality in Unlocking the Secrets	Affezah Ali	School of Liberal Arts & Science, Taylor's University
	54	A0273	Kebitaraan Intelek & Emosi dalam Puisi Moden & Muzik Digital	Jamiah Manap, Mawar Safei, Saodat Gulyamova Talibovna, Norulhuda Sarnon	Universiti Kebangsaan Malaysia
19	55	A0207	Aplikasi Pembelajaran Ujian Hipotesis Berasaskan Gamifikasi	Nurazmina Azman	Fakulti Teknologi Sains Maklumat, UKM

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
	56	A0246	Virtual Victory: Embracing Cybergogy in eSport Education	Afifuddin Husairi Hussain	Pusat Pengajian Citra Universiti
	57	A0157	'Mending Bones and Joints': Enhancing Student Engagement and Learning Experience Through an Improved Self-Learning Package	Nor Farah Mohamad Fauzi	Fakulti Sains Kesihatan, Universiti Kebangsaan Malaysia, Jalan Raja Muda Abdul Aziz,
20	58	A010	'Baja Sawit' Mobile App Development: Utilizing Mayer's 12 Principles of Multimedia Learning Approach to Enhance Knowledge of Good Practices in Oil Palm Fertilization Among Smallholders.	Azura Ishak	Fakulti Teknologi Dan Sains Maklumat, Universiti Kebangsaan Malaysia
	59	A0125	Malaysian Secondary School Teachers Perspectives on Using Media To Teach French Language Listening Skill	Pamella Lanyau	SMK Bandar Baru Bangi
	60	A051	Formulating Safe and Nutritious Food for Underprivileged Communities with the "NourishU" E-Learning Modular Toolkit	Leong Sze Ying	Taylor's University
21	61	A044	Merevolusi Pembelajaran Teknologi Dron Melalui Augmentasi Realiti (AR) Meningkatkan Pengalaman Pengguna	Tengku Siti Meriam Bt Tengku Wook	Fakulti Teknologi Dan Sains Maklumat, UKM
	62				
	63	A0174	Fostering Students' Active Learning: The I-Comel Model for Virtual Lab and Living Lab in Studying Child Developmental Psychology	Aminuddin Ibrahim Lastar	Faculty of Psychology and Education (Psychology Block)

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
22	64	A0120	Cracking the Code: Creating an Immersive Learning Environment through a Digital Escape Room Adventure	Thivashini B Jaya Kumar	Taylor's University
	65	A0154	Artificial Intelligence-Assisted Research Paper Writing for Postgraduate Students through an Instructional Workshop	Assoc. Prof. Dr. Wong Wai Yin	Fuel Cell Institute, Universiti Kebangsaan Malaysia
	66	A0119	ArchiAR: Crafting the Future of Architectural History Education	Ts. Dr. Filzani Illia Binti Ibrahim	Taylor's University
23	67	A012	TextbookQG: An Intelligent Textbook Companion for Automatic Question Generation and Adaptive Learning	Tan Chye Cheah	University of Nottingham Malaysia
	68	A072	Utilizing Gamification and Machine Learning to Foster Mental Well-Being in Education	Sumathi Balakrishnan	Taylor's University
	69	A06	Authentic-Digital-Gamification Learning Kits for Students with Special Education Needs in Mathematics (Kit Pau-MBK)	Dr. Norazlin Binti Mohd Rusdin	Universiti Pendidikan Sultan Idris
24	70	A017	Development of Augmented Reality Learning Model for Secondary Education Through Structured Equation Modelling Analysis: A Pilot Study	Hairul Nizam Bin Hasnan	Fakulti Pendidikan, Universiti Kebangsaan Malaysia
	71	A011	Development of Comprehensive Framework of Teaching Approaches and Methods for	Nor Mazlina Binti Ghazali	Faculty of Cognitive Sciences And Human Development, UNIMAS

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Group Counselling Course		
	72	A0121	Transforming Education for Marginalized Children in Malaysia	Li Yang	Taylor's University
25	73	A040	CulturaGPT: Gamified Challenge-Based Learning Pathways with AI-based Peer Tutoring	Chuah Kee Man	Universiti Malaysia Sarawak
	74	A045	Exploring the World of Food Microbes through Interactive Exhibitions	Nurul Aqilah Mohd Zaini	Department of Food Sciences, Faculty of Science & Technology, UKM
	75	A0127	Emerging Technology-Enhanced Narratives with ESL: Future-Proof Learning via Digital Storytelling	Harwati Hashim	Faculty of Education, Universiti Kebangsaan Malaysia
26	76	A033	Transforming Technical Education: The Evolution of Digital Learning Through Gamification and Augmented Reality (AR) in Tribology	Amanina Sharidzan Binti Azizan	Universiti Kebangsaan Malaysia
	77	A090	Enhancing Foreign Language Acquisition: A 3-step Model Utilizing Mobile Applications	Jung Gyeo Woon	Taylor's University
	78	A0129	Immersive Blended-Cooperative Learning for Preparing Future-Ready Engineers	Mohd Kamaruddin Bin Abd Hamid	Faculty of Engineering, Universiti Malaysia Sabah, Jalan UMS
27	79	A043	Community-Driven Learning: Expanding Horizons with Collaborative Gaming Ecosystem	Prof Ts. Dr. Neo Mai	Faculty of Creative Multimedia, Multimedia University
	80	A0152	MyQUITVAPE: A Health Education Video Series for Young People Quitting Vape	Siau Ching Sin	Universiti Kebangsaan Malaysia

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
28	81	A0195	Personalized Learning with AI Buddy	Lim Chee Leong	Taylor's University
	82	A036	Future-Proofing Pharmaceutical Biotechnology Education: 'Invent Your Biologics' for Creative Learning and Application	Nur Akmarina Mohd Said	Universiti Malaya
	83	A0261	Immersive Design Education: Panoramic 360° 3D Rendering Integration In Interior Architecture Design Studio Course	Ismi Luqman Hamadi Bin Ibrahim	Universiti Malaysia Kelantan
	84	A041	Enhancing student learning experiences in a gamified collaborative AR learning environment: The CLEAR Project	Prof. Ts Dr. Neo Mai	Faculty of Creative Multimedia, Multimedia University
29	85	A0144	Kodepoly: An Engaging Approach to Blended Futuristic Learning in Coding	Ayn Nur Azhana	CFS IIUM
	86	A0116	Harnessing Timeless Virtual Geological Fieldwork for Future Generations	Norbert Simon	Geology Program, Department of Earth Science and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor
	87	A042	Transforming Education Landscapes: Leveraging AR for Immersive, Interactive, and Critical Learning in Higher Education	Prof Ts Dr. Neo Mai	Faculty of Creative Multimedia, Multimedia University
30	88	A0102	STEP Buddies+AI: Student Teacher Enhancement Program Integrating	Tan Shin Yen	Taylor's University, School of Education



No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Collaborative Learning with AI Tools for Cross-cultural Communication Skills Development		
	89	A0115	Celik Solar: A Solar Energy Education as STEM-based Program for Community Centers	Associate Profesor Dr. Suhaila Sepeai	Solar Energy Research Institute (Seri), UKM
	90	A0133	Educational Technology Integration and Communication (ETIC) Model for Transformative and Sustainable Education	Muhammad Naim Muhamad Ali	MILA University
31	91	A020	Cultivating Future Innovators: A purpose-driven plant in-vitro technique development via H5P	Nallammai Singaram	School Of Biosciences, Fhms, Taylor's University, No.1, Jalan Taylor's 47500 Subang Jaya Selangor Darul Ehsan Malaysia
	92	A0283	eMARZ: Revolutionizing Music Appreciation with eMARZsive VR Technology for Malaysian Schools	Abdul Rahman Bin Safian	Universiti Pendidikan Sultan Idris
	93	A0229	Memperkasa Pendidikan Toksikologi dalam Kalangan Kanak-Kanak melalui Toxland Adventure	Asdariah Misnan	National Poison Centre, USM
32	94	A02	Breaking the Code: Impact of Educational Escape Room on Students' Knowledge and Perception of Ethics and Legislation in Pharmacy	Janet Tan Sui Ling	Faculty of Pharmacy, Universiti Malaya
	95	A098	Pembelajaran Kalis Masa Depan: Kursus Bioetika untuk Kesejahteraan Masyarakat (LMCP1572) Elektif Pilihan Pelajar	Ahmad Firdhaus Arham, Latifah Amin, Muhammad Firdaus Aziz,	Pusat Pengajian Citra Universiti, Universiti Kebangsaan Malaysia

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			UKM Penuhi Agenda Davos 2022	Mohd Suzeren Md Jamil, Nur Asmadayana Hasim, Norinsan Kamil Othman, & Nur Emieza Saleh	
	96	A0292	The Implementation of Future, Apprenticeship, Competence and Employee (Industry FACE) in Innovative Curriculum	Raja Norliana Binti Raja Omar	Fakulti Hospitaliti, Pelancongan Dan Kesejahteraan, Universiti Malaysia Kelantan
33	97	A0279	REVIVING KELANTAN HERITAGE: AN INNOVATIVE APPROACH TO CULTURAL ART & CRAFT RETAIL DESIGN	Ismi Luqman Hamadi Bin Ibrahim	Universiti Malaysia Kelantan
	98	A0295	Empowering Optometry Graduates: The Comprehensive Competency Certificate for a Competitive Edge	Mohd Norhafizun Bin Mohd Saman	Universiti Kebangsaan Malaysia (Kampus Kuala Lumpur)
	99	A0296	IoT Module and Kit for Mechanical Engineering Integrated Design Project	Abdul Hadi Azman	Department Of Mechanical and Manufacturing Engineering, Faculty Of Engineering And Built Environment (FKAB), Universiti Kebangsaan Malaysia
34	100	A0238	Integrasi Kit Pembelajaran Kimia Polimer Berskala Kecil Berasaskan Silibus Pendidikan Sains Kimia Tingkatan 5	Mohd Firdaus Bin Mohd Yusoff	Jabatan Sains Kimia, Fakulti Sains Dan Teknologi, Universiti Kebangsaan Malaysia
	101	A0257	Nature-based Learning for Autistic Children: Naturallies	Ruzaini Bin Ijon	Universiti Malaysia Kelantan

C FUTURE-PROOF TRANSFORMATIVE CURRICULUM

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
	102	A0256	Aplikasi Ilmu Tersirat dalam Pengajaran dan Pembelajaran Kursus Kepimpinan melalui Kaedah 'Temu-Tanya-Kait-Kongsi'	Rozita Ibrahim	Pusat Pengajian Citra Universiti, Universiti Kebangsaan Malaysia
35	103	A0276	Evaluating the Impact of MyDispense on Pharmacy Students: A Virtual Approach	Ganesh Sritheran Paneerselvam	Taylor's University
	104	A0309	BSEasy - An Eduhealth Apps for Community	Zalilah @ Shuhada Binti Jan Mohamed	School Of Medical Imaging, Faculty Of Health Sciences, Unisza
	105	A0312	Enhancing Electrical Concept Comprehension through the Volt Voyage Board Game	Siti Maisarah Binti Aziz	Pusat Asasi Sains Dan Perubatan Universiti Sultan Zainal Abidin
36	106	A0197	Validity, Reliability And Usability Of E-Modul Mentor Berkesan Of Projek Tunas Fsk (Mentor-Mentee System) At The Faculty Of Health Sciences (Fsk), Universiti Kebangsaan Malaysia (Ukm)	Ahmad Rohi Ghazali	Faculty Of Health Sciences, Universiti Kebangsaan Malaysia
	107	A084	Enhancing PR Students Learning Experience with Industry Experts	Ong Ai Ling	Taylor's University Lakeside Campus
	108	A0244	Foundations Of Kkommunicating Effectively In Healthcare (FAKEH)	Hadzliana Zainal	School Of Pharmaceutical Sciences, Universiti Sains Malaysia
37	109	A0203	Sustainable Education: Experiential Learning through Impact Project	Thian Lok Boon	Centre For Future Learning
	110	A019	Innovation Of The CSR-Tahfiz TVET Expert Team 5.0 Curriculum Framework As Global	Prof. Madya Dr. Anida Sarudin	Universiti Pendidikn Sultan Idris (UPSI)

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Leadership Skills For The Quranic Generation		
	111	A047	The Kirkpatrick Assessment for the "BackwordedTM" Technique Approach for Scoping Review Training Course	Dr. Nurwina Akmal Binti Anuar	Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor
38	112	A0213	Exploring Career Realities: A Job Shadowing Initiative	Hanaliza Kamis	School of Business University of Wollongong Malaysia Glenmarie Campus Jalan Kontraktor U1/14, Seksyen U1, 40150, Shah Alam, Selangor, Malaysia
	113	A095	A Transformative Online Teaching: Dynamic Approach of Collaborative Guidance between Junior-Senior for Internship Placement	Haslaniza Hashim	Department of Food Sciences, Faculty of Science and Technology, University Kebangsaan Malaysia
	114	A077	Bridging The Gap: Fostering Practical Experience And Industry Impact In Engineering Education	Manee Sangaran A/L Diagarajan	Taylor's University Lakeside Campus
39	115	A0196	Enhancing Student Empowerment in TVET Service Learning with TechFusion Integration	Salmalina Salleh	School of Education, Universiti Teknologi Malaysia
	116	A075	Live Broadcast @ UMSfm	Intan Soliha Ibrahim	Fakulti Sains Sosial & Kemanusiaan, Universiti Malaysia Sabah, Jalan Ums
	117	A01	The Development And Usability Of An Art Course Module For Chinese High School Students With Emotional Problems	Dr. Khairul Azhar Jamaludin	Universiti Kebangsaan Malaysia

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
40	118	A030	Nurturing Entrepreneurial Excellence: The Transformative Curriculum of Entrepreneurship Week (EntrepWeek)	Amirah Binti Ahmad Suki	Department of Business Administration, Kulliyah of Economics and Management Sciences, IIUM Gombak
	119	A0255	Adventurous Zone of Innovation and Education (A.Z.I.E Lab)	Azira Binti Khalil	Faculty of Science and Technology, Universiti Sains Islam Malaysia
	120	A0226	Managing Psychological Services (SKPN6073): Collaborative Workshops for Dyslexia Awareness as A Transformative Curriculum	Siti Marziah Zakaria	Faculty of Social Sciences and Humanities (FSSK), UKM Bangi, Selangor.
41	121	A0284	Swinburne Sarawak English Enhancement Program (EEP): Enhancing Language Skills through Experiential Learning	Gloria Law Enn Li	Swinburne University of Technology Sarawak Campus
	122	A060	Empowering Community on Human Health through Student Service Learning using InstaPath: A Social Media-based Active and Collaborative Learning Environment	Lee Sau Har	School Of Biosciences, Faculty of Health and Medical Sciences
	123	A034	Empowering Future-Proof Communities through Waste Management Education (WasteEd): A SULAM Initiative	Assoc Prof Dr Devagi Kanakaraju	Faculty Of Resource Science and Technology, Universiti Malaysia Sarawak
42	124	A054	Empowering Future Educators: Towards Transformative Sustainable Curriculum through Refugee	Lee Yee Ling	Taylor's University

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Community Engagement		
	125	A078	Learning Reinforcement in Management Field: A 3R Framework	Gan Jen Ling	Taylor's University
	126	A0101	My Body, My Buddy: Forging transformative partnership with national schools to promote body positivity among school children	Joseph Malaluan Velarde	Taylor's University, School of Education
43	127	A0171	Transformative MOOC Curriculum for Future-Proofing Interprofessional Collaboration in Pharmacy Education	Nur Hafzan Binti Md Hanafiah	School of Pharmaceutical Sciences Universiti Sains Malaysia
	128	A0112	Connecting Learners and Communities: A Transformative Approach to Heritage Architecture Education	Koh Jing Hao	School of Architecture, Building And Design, Taylors University Lakeside Campus
	129	A0258	EduFuture First Year Seminar Pro: An Innovative Educational Solution	Nurul Fatimah Binti Hanapi	Fakulti Pengajian Bahasa dan Pembangunan Insan, Universiti Malaysia Kelantan
44	130	A0263	SULAM Project on the Knowledge Transfer Program For Young Smallholder Farmers Community in Kelantan	Mohd Zharif Bin Ramli	Universiti Malaysia Kelantan
	131	A022	Development of Learning Module Through Mobile Apps for Non-optional Teacher to Teach Physical Education Subject	Syed Mohd Najib Bin Syed Yahya	Universiti Kebangsaan Malaysia
	132	A0282	ScheDialLL: A Learning Tool For Blood And Faecal Sample	Mohammad Sabri Bin Abdul Rahman	Faculty of Veterinary Medicine, Universiti Malaysia Kelantan

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi	
E FUTURISTIC PRODUCT			Collection In Goats And Cattle			
	45	133	A0289	EthnoTech: Transforming Student-Centered Learning in the Digital Era with Ethnic Relations eModule	Afifuddin Husairi Hussain	Pusat Pengajian Citra Universiti
		134	A062	Addressing the justice needs of communities against online gender - based violence and cyber harassment through action legal research and technological innovation	Sia Chin Chin	Taylor's University
		135	A0272	E-Minassoh: Pameran Produk Inovasi Pengajaran Dan Pembelajaran Dalam Pelantar Moodle V4.4 Dengan Fungsi Kebolehcapaian (Accessibility)	Ahmad Zaki Bin Amiruddin	Pusat Kecemerlangan Dan Pembangunan Akademik, Universiti Malaysia Kelantan
	46	136	A0243	Animasi Edu-Atfal DMinis Sirah Rasulullah SAW	Napisah Karimah Bt. Ismail	Pusat Kajian Bahasa Arab Dan Tamadun Islam, Fakulti Pengajian Islam, UKM
		137	A0307	The Mobile Application 'Arqani': An Islamic-Based Support Platform Designed To Address Emotional Distress	Wan Azman Bin Wan Mohammad	Program Pengajian Arab Dan Tamadun Islam, Fakulti Pengajian Islam, Universiti Kebangsaan Malaysia
		138	A0298	Proverb Thematic Comic	Zainuddin Bin Wahono	IPG Kampus Ilmu Khas
	47	139	A0187	NatuRes App: Cultivate Your Botanical Knowledge	Mohd Fahmi Bin Abu Bakar	Universiti Sultan Zainal Abidin
		140	A0222	Predicting Response towards Different	Nurnadiah Binti Zamri	Fakulti Informatik dan Komputeran,

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Mental Health Therapies using Machine-Learning Approach		Universiti Sultan Zainal Abidin
	141	A0245	The PIONEER Project: Pressbooks Initiative for Open and Inclusive Educational Resources	Prof. Fong Soon Fook	Centre For E-Learning UMS, Level 5, Block B, FKI Building
48	142				
	143	A0278	Mastering MUET Speaking: An Interactive Ebook Implementing Task-Based Language Teaching	Nurul Iman Binti Ahmad Bukhari	Universiti Malaysia Kelantan
	144	A0143	ProSight: Personalised Learning Using GenAI for Software Project Development	Muhamad Said Nizamuddin Bin Nadim	Fakulti Komputeran & Meta-Teknologi Universiti Pendidikan Sultan Idris Kampus Sultan Abdul Jalil Shah
49	145	A0313	Assignment Ace Toolkit (A.A.T): A Comprehensive Assignment Tool for Foundation of Entrepreneurship Course (MPU 32092)	Nur Izzati Binti Ab Ghani	Universiti Sultan Zainal Abidin, Gong Badak Campus
	146	A0317	BE N.i.C.E: An Innovative E-Learning App for Medical and Allied Health Students to Master the Management of Non-Suicidal Self-Injury in Young Adults	Dr. Khairi Che Mat	Faculty of Medicine Universiti Sultan Zainal Abidin Medical Campus Jalan Sultan Mahmud 20400 Kuala Terengganu Terengganu Darul Iman
	147	A0319	Family Fiqh Finder	Prof. Madya Dr. Tengku Fatimah Muliana Tengku Muda	Universiti Sultan Zainal Abidin, Kampus Gong Badak



## JADUAL PERTANDINGAN INOVASI

5hb September 2024

SESI II

2:30 petang - 3.30 petang

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
1	1	A0320	Sistem Pengurusan Latihan Ilmiah (SPLI)	Muhammad Hafizi Bin Rozali	Universiti Sultan Zainal Abidin
	2	A0318	Augmented Reality for Chemistry Learning (OrganicChem InsightAR) Mobile Application	Dr. Normala Binti Rahim	Fakulti Informatik Dan Komputeran, Universiti Sultan Zainal Abidin
	3	A0206	Meet Pak Bung: Kompang AI Chatbot to Master Traditional Malay Drum	Julia Binti Juremi	Asia Pacific University of Technology & Innovation
2	4	A0248	Aplikasi Permainan Mudah Alih Pendidikan Muzik Kanak-kanak Berasaskan Augmentasi Realiti	Ts. Dr. Siti Fadzilah Mat Noor	Fakulti Teknologi Sains Maklumat, UKM
	5	A059	Implementing Purposeful, Impactful Capstone Projects with E-CODE	Chockalingam Aravind Vaithilingam	Taylor's University
	6	A0275	Micro-Learning Mobile App: Interviexpert	Lena A/P Ramamurthy	Faculty of Language Studies and Human Development (FBI), Universiti Malaysia Kelantan (UMK)
3	7	A0239	Sistem Multimedia GeoStory	Umi Kalsom Binti Isa	Fakulti Teknologi dan Sains Maklumat, Universiti Kebangsaan Malaysia
	8	A0215	Utilizing an Experiential Learning Approach to Enhance Knowledge and	Hafizhah Suzana Hussien	Pusat Teknologi Maklumat

D FUTURISTIC PRODUCT

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Awareness of Good Practices in Plagiarism Writing Among Higher Education Students		
	9	A0159	SelfSupport24/7: Treat Your Mental Health Before It's Too Late	Nurnadiah Binti Zamri	Fakulti Informatik dan Komputeran, Universiti Sultan Zainal Abidin, Kampus Besut,
4	10	A0254	Mammographia: Developing Mammography Screening Experience with Virtual Reality	Mazlyfarina Binti Mohamad	Fakulti Sains Kesihatan, Universiti Kebangsaan Malaysia
	11	A0188	Enhancing Adult Education for the Visually Impaired with a Braille Literacy Device and Mobile App	Dahlila Putri Binti Dahnil Sikumbang	Fakulti Teknologi dan Sains Maklumat, UKM
	12	A013	Transforming Education: Natural Language to Sign Language Translation for Deaf and Mute Students Using Generative AI	Dr. Murugan Thangiah	Taylor's University
5	13	A0219	FizaAR: Augmented Reality and Animation Based Learning Kit for problem-solving in learning Physics	Siti Nurqualbiah Binti Mat Karim	Universiti Kebangsaan Malaysia
	14	A0114	AiRBOXSense: From Research Innovation to Global Commercialization in Real-Time Air Quality Monitoring and Education	Mohd shahrul mohd nadzir	Jabatan Sains Bumi & Alam Sekitar, Fakulti Sains & Teknologi, UKM
	15	A0269	Pocketmuet: Your-On-The-Go Companion	Syakirah Binti Shafien	Universiti Malaysia Kelantan

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi	
E FUTURISTIC TEACHING	6	16	A0165	Digital Flashcard Application for Malay-Speaking Autistic Children: Terokai Dunia Kecil	Zuraida Binti Ibrahim	Universiti Tun Hussein Onn Malaysia (UTHM)
		17	A0161	Dunia Lautan: aplikasi mudah alih haiwan laut untuk pendidikan kanak-kanak berasaskan realiti terimbuh	Farah Hanim Binti Abdul Hadi	FTSM, Universiti Kebangsaan Malaysia
		18	A018	Spinovate: Aplikasi Fisioterapi Bagi Pesakit Cakera Teranjak Berasaskan Realiti Terimbuh	Amiera Adlina Binti Naim Jemali & Azana Hafizah Mohd Aman	FTSM, Universiti Kebangsaan Malaysia
	7	19	A0162	Aplikasi Mudah Alih Pendidikan Pencegahan Penipuan Maya Dalam Kalangan Masyarakat Malaysia	Looi Xue Ying, Azana Hafizah Mohd Aman	FTSM, Universiti Kebangsaan Malaysia
		20	A0266	BLENDilex MC: A Blended Immersive Learning Experience in Educational Video Course	Siti Nazuar Sailin	Institute of Excellenct Teachers and Leaders in Education, School of Education, Universiti Utara Malaysia
		21	A0297	SkySkuad@P3K LESTARE STEM Module: Exploring Nature with Drones	Asma' Abu Samah	Centre for Engineering Education Research (P3K), Faculty of Engineering and Built Environment (FKAB), Universiti Kebangsaan Malaysia
	8	22	A0299	e-P.E.P: PENGAJARAN DIGITAL BERASASKAN PEMBELAJARAN NILAI BAGI KURSUS PENGHAYATAN ETIKA DAN PERADABAN	Farah Syazrah Mohd Ghazalli	Universiti Sultan Zainal Abidin

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
	23	A0199	Get ready, get set, /spi:x/! Introducing a virtual reality interview simulator	Wan Noor Farah Wan Shamsuddin	Universiti Malaysia Pahang Al-Sultan Abdullah
	24	A0104	Interactive 360° Video Medical Museums: Revolutionizing Medical Education	Dr Phyu Synn Oo	IMU University
9	25	A0253	Digital Archive of Malaysian Heritage Infographic with The Assistance of Generative-AI Imagery	Mohammad Syukran Bin Kamal Ruzzaman	Faculty of Creative Technology and Heritage, Universiti Malaysia Kelantan
	26	A0262	AR Arabic Collocation: Learning Arabic Collocation (AC) Via Of Augmented Reality (AR)	Mohamad Lukman Al Hakim Bin Md. Noor	International Islamic University Malaysia
	27	A0270	Quick Response Code To Enhance Insect Learning (Entomology) via Insectarium	Norashikin Fauzi	Fakulti Sains Bumi, Universiti Malaysia Kelantan
10	28	A0250	NUTRIVERSE: Exploring the Future of Nutrition Education through Virtual (VR) and Augmented Realities (AR)	Amzari Abu Bakar	Universiti Malaysia Kelantan
	29	A0198	iGQA Interaktif: Infografik Interaktif dalam Pembelajaran Tatabahasa Arab	Mohd Fauzi Bin Abdul Hamid	Fakulti Bahasa Dan Komunikasi, Unisza Kampus Gong Badak
	30	A0305	Research Ideation Canvas ©: An Innovative Teaching and Learning Tool for Postgraduate Student and Novice Researcher	Assoc. Prof. Ts. Dr. Nik Zulkarnaen Bin Khidzir	Faculty of Creative Technology and Heritage, Universiti Malaysia Kelantan
11	31	A0311	AR MicroO: Explore Microorganisms World Through	Maizan Binti Mat Amin	Faculty of Informatics and Computing,

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			Marker-Based Augmented Reality		Universiti Sultan Zainal Abidin Kampus Besut
	32	A0314	AR HeartLense: 3D Virtual Simulator for Coronary Angiography Education and Training	Nur Hayati Binti Jasmin	School of Medical Imaging
	33	A0316	myAstronomi: An Interactive and Gamified Experience in Science Education	Zahrahtul Amani Binti Zakaria	Fakulti Informatik dan Komputeran, Universiti Sultan Zainal Abidin
12	34	A0315	E-Majalah GENERASI: Bahan Autentik Dalam Pengalaman Pengajaran Dan Pembelajaran Imersif	Saliana Binti Sawaluddin	Fakulti Pengajian Umum dan Pendidikan Lanjutan, Universiti Sultan Zainal Abidin
	35	A0308	Storyscape: An Interactive Module for Revolutionizing Digital Storytelling Skill	Nor Jijidiana Binti Azmi	Universiti Sultan Zainal Abidin
	36	A0142	Pembangunan Kit E-Kalam Bagi Meningkatkan Penguasaan Sebutan Huruf Arab Dalam Kalangan Murid Sekolah Rendah	Badariah Binti Ruslan	Universiti Pendidikan Sultan Idris
13	37	A0210	Model Pengajaran Kursus Pengantar Perundangan Islam: Simulasi Kes Syariah Melalui Integrasi Teknologi Dan Kecerdasan Buatan (AI)	Dr Mohd Izzat Amsyar Mohd Arif	Faculty of Law, Universiti Kebangsaan Malaysia
	38	A0109	The Virtual Operating Theatre Odyssey for the Novice	Thiruselvi Subramaniam	IMU University, Clinical Sciences
	39	A0111	Aplikasi Kod Tangan Bahasa Melayu (ApKodBM)	Syamsinar Binti Abdul Jabar	Universiti Pendidikan Sultan Idris

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
14	40	A065	Walk with Walter: Exploring the Intersection of Emerging Technologies and A.I. Tutoring in Public Relations	Sheila Yvonne Jayasainan	Taylor's College
	41	A064	Evaluation of an anatomy e-learning tool in improving the performance score among Year 1 students	Nilesh Kumar Mitra	International Medical University
	42	A0237	A Gamified Pedagogical Approach for Surveying Unit	Ng Lieu Thai	Swinburne University of Technology Sarawak Campus
15	43	A038	Technology-Enhanced Peer Role-Play: An Effective Teaching Method Empowering Students for Active Learning	Mohammad Arshad Ikram	IMU University Malaysia, Clinical Campus
	44	A0137	Pengajaran Futuristik Dalam Memperkasa Data Raya: Jaringan Kerjasama Akademia Dan Inovasi Industri	Ahmad Firdhaus Bin Arham	152 Jalan Damai, Taman Dato' Shahbandar, Ampangan
	45	A0117	Transforming Traditional STEM Education with XRIS and HoloLens	Kam Kenn Jhun	School of Architecture, Building and Design, Taylor's University
16	46	A039	Pengajaran Bahasa Arab Undang-undang Melalui Pendekatan Muzik di Fakulti Undang-undang Universiti Kebangsaan Malaysia	Suhaizad Bin Saifuddin	Fakulti Undang-Undang, Universiti Kebangsaan Malaysia
	47	A0168	Students' Perspectives on Futuristic Teaching: Leveraging Generative	Lee Cheng Ean (Catherine)	Sunway University

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
			AI in Research Methodology Course		
	48	A03	The Digital Flashcard Approach: A Prescription for Active Learning in Pharmacology and Pharmacotherapy	Yow Hui Yin	Universiti Malaya
17	49	A0106	Enhancing Learning Experience in Molecular Symmetry Concept Using Cmet3 Model Kit	Dr Noorshida Mohd Ali	Fakulti Sains dan Matematik, Universiti Pendidikan Sultan Idris
	50	A0108	Transforming Jawi Education with GawiGo: Innovative Gamification Strategies	Siti Hasnah Tanalol	Pusat Persediaan Sains & Teknologi, UMS
	51	A0138	MinUS-C Module: Fostering Solar PV Acceptance in Secondary Education via Minecraft	Muhamad Kamarul Azman Bin Sulaiman	National University of Malaysia
18	52	A0169	Revolutionizing Research in Creative Arts Disciplines Through MiroMind XR with Artificial Intelligence (AI), Extended Reality (XR) and Immersive Learning	Zuhaili Akmal Ismail	School of Arts, Sunway University
	53	A0189	mySTUDENTnetwork: Memperkasa Pengajaran dengan Pempengaruh Pembelajaran	Fatimah Abdul Razak	Department of Mathematical Sciences, Faculty of Science and Technology, UKM
	54	A094	Augmented Reality Visual Plan Projection Geometry (ARVPP-Geo) Kits	Faridah Hanim Yahya	Fakulti Pembangunan Manusia, Universiti Pendidikan Sultan Idris

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
19	55	A014	Interactive AR Textbook	Noraini Binti Ramli	Universiti Pendidikan Sultan Idris
	56	A0156	Interactive Educational Card and Website on Food Pathogen with Augmented Reality and Animation	Muhamad Firdaus Syahmi Sam-On	Universiti Kebangsaan Malaysia
	57	A0164	Teknologi Aplikasi Realiti Terimbuh Pembelajaran Bahasa Arab Bagi Nilai Moral (kAReem)	Nur Hanis Sabrina Bt Suhaimi	Universiti Kebangsaan Malaysia
20	58	A0134	Empowering Public Health Practitioners with ABRColab for Effective Antibiotic Resistance Monitoring	Su Datt Lam	Universiti Kebangsaan Malaysia
	59	A056	FoodVRse Enabler: Transforming Food Science and Technology Labs Through Immersive Learning	Neo Yun Ping	Taylor's University
	60	A0259	Telegram as Personalized Learning Environment in Higher Educational Institutions	Erny Arniza Binti Ahmad	College of Computing, Informatics and Mathematics, Universiti Teknologi Mara (UiTM) Shah Alam
21	61	A081	Kit E-Muhadathah	Saipolbarin Bin Ramli	Universiti Pendidikan Sultan Idris
	62	A063	Sirah Virtual Reality Teaching Module	Mohamad Fikri Bin Basiron	Universiti Kebangsaan Malaysia
	63	A0151	E-LOUNIA: Mobile Application of The Numeracy Understanding Model In Arithmetic	Siti Rahaimah Binti Ali	Fakulti Pembangunan Manusia, Universiti Pendidikan Sultan Idris



No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
22	64	A0178	Revolutionising Virtual Learning: Mechanics Dynamics in the Metaverse Engineering Lab	Prof. Ts. Dr. Manjit Singh Sidhu	Universiti Tenaga Nasional (UNITEN)
	65	A0287	Sky High Learning: Embracing Cybergogy in Malaysian Drone Education	Afifuddin Husairi Hussain	Pusat Pengajian Citra Universiti
	66	A0183	Innovative Redesign of the FIS Module: Futuristic Teaching with Emerging Technologies	Serit Anak Banyan	Learning And Teaching Unit, Swinburne University of Technology Sarawak Campus
23	67	A046	Innovating Digital Competency EduTechPJTModule for Teachers	Noor Azizah Binti Abd Rahman	Universiti Kebangsaan Malaysia
	68	A0291	Gamifikasi Savvy Detective (SD) Berasaskan Pendekatan Firuz	Firuz Akhtar Binti Mohamad Bohari	Pusat Kajian Bahasa Arab & Tamadun Islam, Fakulti Pengajian Islam, Universiti Kebangsaan Malaysia
	69	A0216	DisasterPrep: Gamified Mobile Edutainment for Future Disaster Preparedness and Resilience	Sakinah Ali Pitchay	Universiti Sains Islam Malaysia
24	70	A093	Innovative Teacher Training: Developing Sustainable Solutions Through Virtual Simulated Classrooms	Dr.P.Thivilojana S.Perinpasingam	School of Education, Taylor's University, Malaysia
	71	A0232	SAHAL STEP: Reka Bentuk Semula Papan Permainan Morfologi Arab Untuk Tujuan Pengkomersialan	Suhaila Zailani @Hj Ahmad	Pusat Kajian Bahasa Arab dan Tamadun Islam, Fakulti Pengajian Islam,

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
25	72	A0290	Engaging Digital Natives Through Cybergogy Paradigm in Space Technology Course	Afifuddin Husairi Hussain	Pusat Pengajian Citra Universiti
	73	A0249	APP+ToTLAS: An App-Aided Train-The-Trainer Approach for Digital Transformation in Lab Associated Subject	Ruhil Hayati Hamdan	Faculty of Veterinary Medicine, Universiti Malaysia Kelantan, Jalan Padang Tembak
	74	A0107	Innovating Cardiopulmonary Resuscitation Education: Enhancing Practical Skills with Virtual Reality	Asso Prof Dr Sow Chew Fei	IMU University
	75	A089	The Futuristic IPEL Model in Student Learning	G. Manickam Govindaraju	Taylor's University
	76	A0204	Immersive Radiotherapy Clinical Learning Experience Prototype (Irclep) To Enhance Radiotherapy Education	Nor Aniza Binti Azmi	Program Pengimejan Diagnostik & Radioterapi, Fakulti Sains Kesihatan, Universiti Kebangsaan Malaysia
	77	A086	Virtual-Real Synthesis (VRS): Bridging Physical and Virtual Substation Visits for Enhanced Learning	Hafisoh Ahmad	Taylor's University
	78	A0205	Wau Bulan Kaleidoscope: Reviving Tradition Through Innovation	Julia Binti Juremi	Asia Pacific University of Technology & Innovation (APU)
27	79	A0145	Robotics Learning Module: Empowerment of STEM Education in Sabah	Asni Tahir	Preparatory Center for Science & Technology (PPST), Universiti Malaysia Sabah

No. Meja	No.	ID	Tajuk	Pembentang	Affiliasi
	80	A0141	BeyBlade TR.PkPs: Shaping the Future of Education with Professional and Pedagogical Innovations	Sharida Abu Talib	Faculty of Education, The National University of Malaysia
	81	A0148	Enhancing Microbiology Literacy in Young Students through Gamified Learning: A Futuristic Approach to Education	Moe Kyaw Thu	Newcastle University Medicine Malaysia
28	82	A092	SPARK: Igniting Transformative Chemistry Education for a Sustainable Future	Wong Yau Hsiung	Taylor's University
	83	A071	IoT Integration in Education: Elevating Learning through Multi-Sensory Experiences Using Holographic Technology	Lim Eng Lye	Taylor's University
	84	A055	SISTEM PEMBELAJARAN KESELAMATAN SIBER	Nur Arina Kamarolhisham	Universiti Kebangsaan Malaysia
29	85	A049	Transforming Generation Z's Education with Virtual Reality Innovation Tool	Goh Wei Wei	Taylor's University

## SENARAI JURI PERTANDINGAN INOVASI

### JURI AKADEMIK

Ts. Dr. Filzani Illia Ibrahim, *Taylor's University*  
 Dr. Nor Fadzleen Sa'don, *English Language Teaching Centre, KPM*  
 Dr. Nur Wahida Zulkifli, *UiTM*  
 Ts Dr Mohd Shahir Yahya, *UTHM*  
 Prof. Dato' Ir. Ts Dr. Othman A Karim, *UKM*  
 Wan Noraswaniaty Wan Ahmad, *UiTM*  
 Dr. Oh Zi Jian, *Kolej Vokasional Batu Lanchang*  
 Prof. Dr. Mohd Lazim Abdullah, *UMT*  
 Prof. Madya Ts. Dr. Suriani Mat Jusoh, *UMT*  
 Assoc. Prof. Dr. Nor Azura Adzharuddin, *UPM*  
 Dr. Syahirah Abd Halim, *UKM*  
 Prof. Ir. Dr. Siti Anom Ahmad, *UPM*  
 Prof. Madya Dr Renuka V Sathasivam, *UM*  
 Dr. Nurul Ilham Adam, *UiTM Perak*  
 Prof. Madya Dr. Paulin Wong Poh Lin, *Quest International University*  
 Dr. Nur Farahiyah Mohammad, *UniMAP*  
 Prof. Dr. Faizah Abd Majid, *UiTM*  
 Dr. Nor Yazid Hj Khamis, *UMPISA*  
 Dr. Mohd Noor Hisham Mohd Nadzir, *UPM*  
 Dr. Mohd Hafiz Abu Hassan, *USIM*  
 Dr. Mohd Noor Ismawi Ismail, *UiTM*  
 Dr. Sya Azmeela Shariff, *UiTM*  
 Lar. Dr. Putri Haryati Ibrahim, *UIAM*

Prof. Madya Ts. Dr. Syadiyah Nor Wan Shamsuddin, *UniSZA*  
 Dr. Rahimah Hamdan, *UPM*  
 Noramalina Mohd Hatta, *Pusat Permata @Pintar Negara, UKM*  
 Dr. Siti Fatimah Abd. Rahman, *UIAM*  
 Pn. Nur Dayini Baharudin, *SK Seri Suria*  
 Dr. Noorlila Ahmad, *UIAM*  
 Prof. Madya Dr. Ismarulyusda Ishak, *UKM*  
 Dr. Meor Iqram Meor Ahmad, *UKM*  
 Prof. Madya Ts. Dr. Norliza Abd. Rahman, *FKAB UKM*  
 Dr. Muhammad Hakim Kamal, *USIM*  
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 Dr. Haliza Othman, *FKAB UKM*  
 Prof. Madya Dr. Zulkifli Mohd Nopiah, *FKAB UKM*  
 Dr. Siti Shuhaida binti Shukor, *UPSI*  
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 Ariff Budiman Abdul Halim, *MAPIM*  
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106 Studios*  
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Molly Diana Lim Mahzan, *Jabatan  
Perangkaan Malaysia*  
Dr. Low Kheng Oon, *National Institutes of  
Biotechnology Malaysia*  
Mohammad Malek Faizal Azizi, *Agensi  
Nuklear Malaysia*  
Ts. Marsyitah Ismail, *OpenLearning*

## ANUGERAH IUCEL X KNOVASI 2024

### (A) ANUGERAH IUCEL 2024

#### 1. Anugerah Trendsetter

ANUGERAH TRENDSETTER direka untuk memberi penghormatan kepada individu yang telah memimpin dan menyumbang secara aktif kepada transformasi ekosistem pengajaran dan pembelajaran di pendidikan tinggi di peringkat kebangsaan dan antarabangsa. Anugerah berprestij ini mengiktiraf mereka yang telah menunjukkan inovasi dan impak yang cemerlang dalam bidang pendidikan. Hakim akan menilai pencalonan berdasarkan bukti yang mempamerkan perspektif unik dalam pengajaran dan pembelajaran, bersama-sama dengan inovasi dinamik dan interaktif yang telah mempengaruhi komuniti secara positif.

Calon akan dinilai berdasarkan lima kriteria dan sumbangan berikut dalam bidang pendidikan tinggi di peringkat kebangsaan dan antarabangsa:

- ❖ Keaslian dan Kreativiti: Tahap di mana penama telah memperkenalkan idea atau kaedah novel dan inventif.
- ❖ Kepraktisan dan Kebergunaan: Aplikasi praktikal dan kebergunaan sumbangan penama kepada proses pengajaran dan pembelajaran.
- ❖ Nilai Ditambah kepada Proses P&P: Bagaimana kerja penama telah meningkatkan atau menambah nilai penting kepada pengalaman pengajaran dan pembelajaran.
- ❖ Sumbangan kepada Bidang: Impak keseluruhan dan sumbangan berkekalan yang telah dibuat oleh penama kepada bidang pendidikan.
- ❖ Anugerah & Pengiktirafan: Penghargaan dan pengiktirafan terdahulu yang diterima oleh penama yang menyerlahkan pencapaian dan pengaruh mereka.

#### 2. Anugerah Maestro e-Pembelajaran Pendidikan Tinggi

ANUGERAH MAESTRO akan disampaikan kepada individu yang telah memberikan sumbangan cemerlang kepada kejayaan industri teknologi pembelajaran sama ada melalui kerjaya mereka yang cemerlang atau daripada mencapai perubahan positif yang ketara. Individu mesti menunjukkan bahawa mereka telah membuat sumbangan besar kepada industri yang disokong oleh testimoni dan bukti sokongan lain. Kedua-dua bukti kuantitatif dan kualitatif akan diambil kira.

Calon akan dinilai berdasarkan kriteria dan sumbangan berikut dalam bidang pendidikan tinggi di peringkat kebangsaan dan antarabangsa untuk pembelajaran digital:

- ❖ Kepimpinan digital: Kepimpinan Berimpak dalam mengubah pembelajaran digital dalam pendidikan tinggi
- ❖ Sumbangan kepada Bidang: Impak keseluruhan dan sumbangan berkekalan yang telah dibuat oleh penama kepada bidang pendidikan.
- ❖ Anugerah & Pengiktirafan: Penghargaan dan pengiktirafan terdahulu yang diterima oleh penama yang menyerlahkan pencapaian dan pengaruh mereka.

### **(B) Anugerah IUCEL x kNovasi 2024**

1. Anugerah Kecemerlangan dalam Kurikulum Transformatif Masa Hadapan
2. Anugerah Kecemerlangan dalam Pengajaran Futuristik
3. Anugerah Kecemerlangan dalam Pembelajaran Kalis Masa Depan
4. Anugerah Kecemerlangan dalam Penilaian Digital & Pentaksiran Alternatif
5. Anugerah Kecemerlangan dalam Produk Futuristik
  - ❖ Pendidikan Futuristik dengan AI Generatif
  - ❖ Sumber Futuristik dengan OER dan iOER
  - ❖ Kredensial Futuristik dengan Mikro-kredensial dan MOOC
  - ❖ Pendidikan Futuristik melalui Aplikasi Mudah Alih

### **(C) Pertandingan Inovasi (e-pembelajaran & bukan e-pembelajaran)**

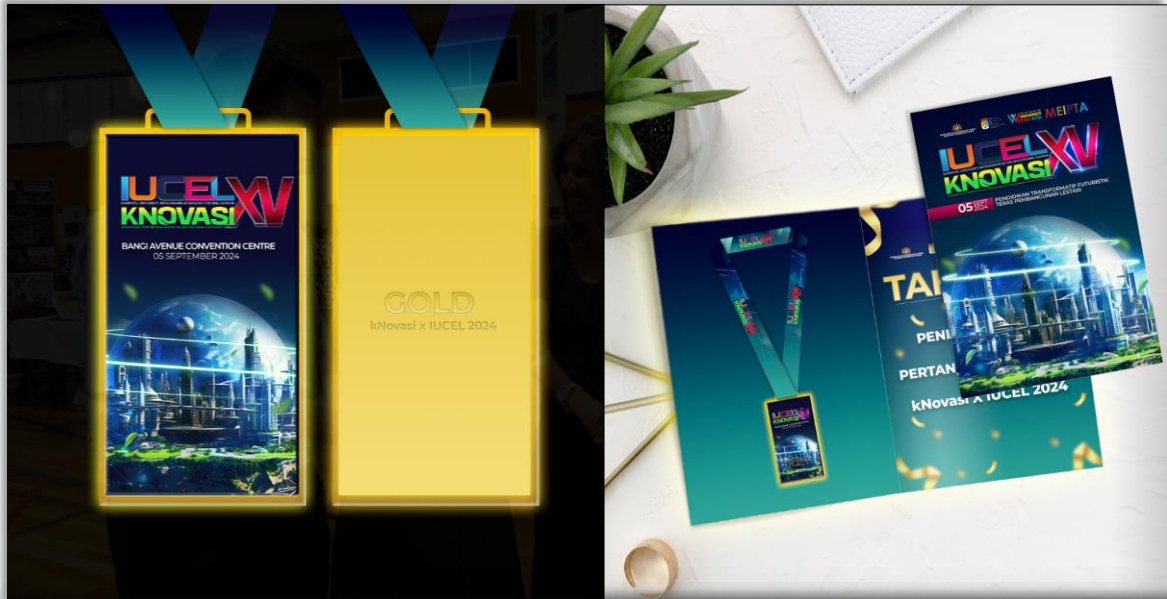
1. Kurikulum Transformatif Masa Hadapan
2. Pengajaran Futuristik
3. Pembelajaran Kalis Masa Depan
4. Penilaian Digital & Pentaksiran Alternatif
5. Produk Futuristik

**TROFI  
MEDAL  
&  
CENDERAHATI**



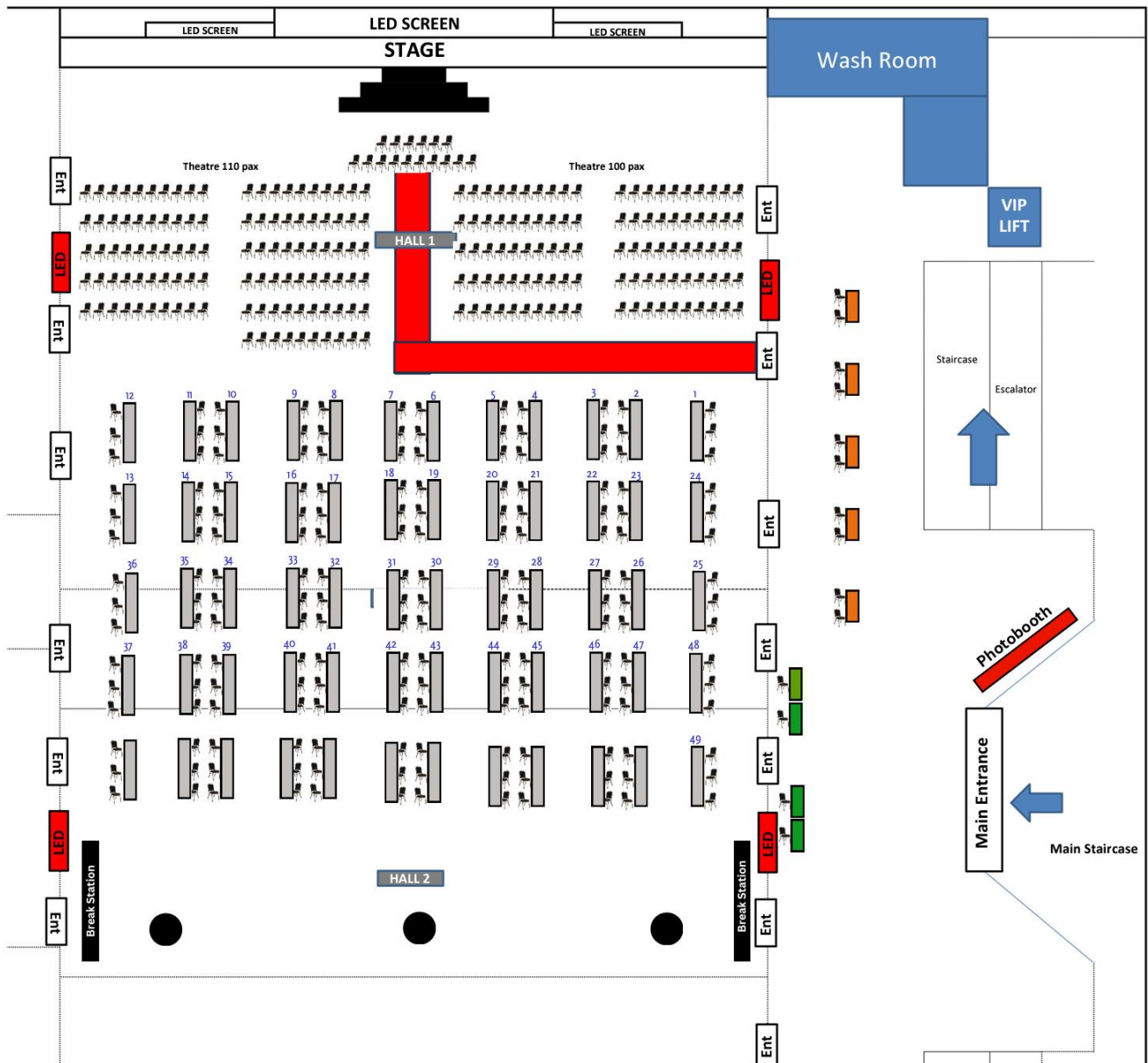









PELAN LANTAI BACC  
 DEWAN BANGI AVENUE CONVENTION CENTRE (BACC)

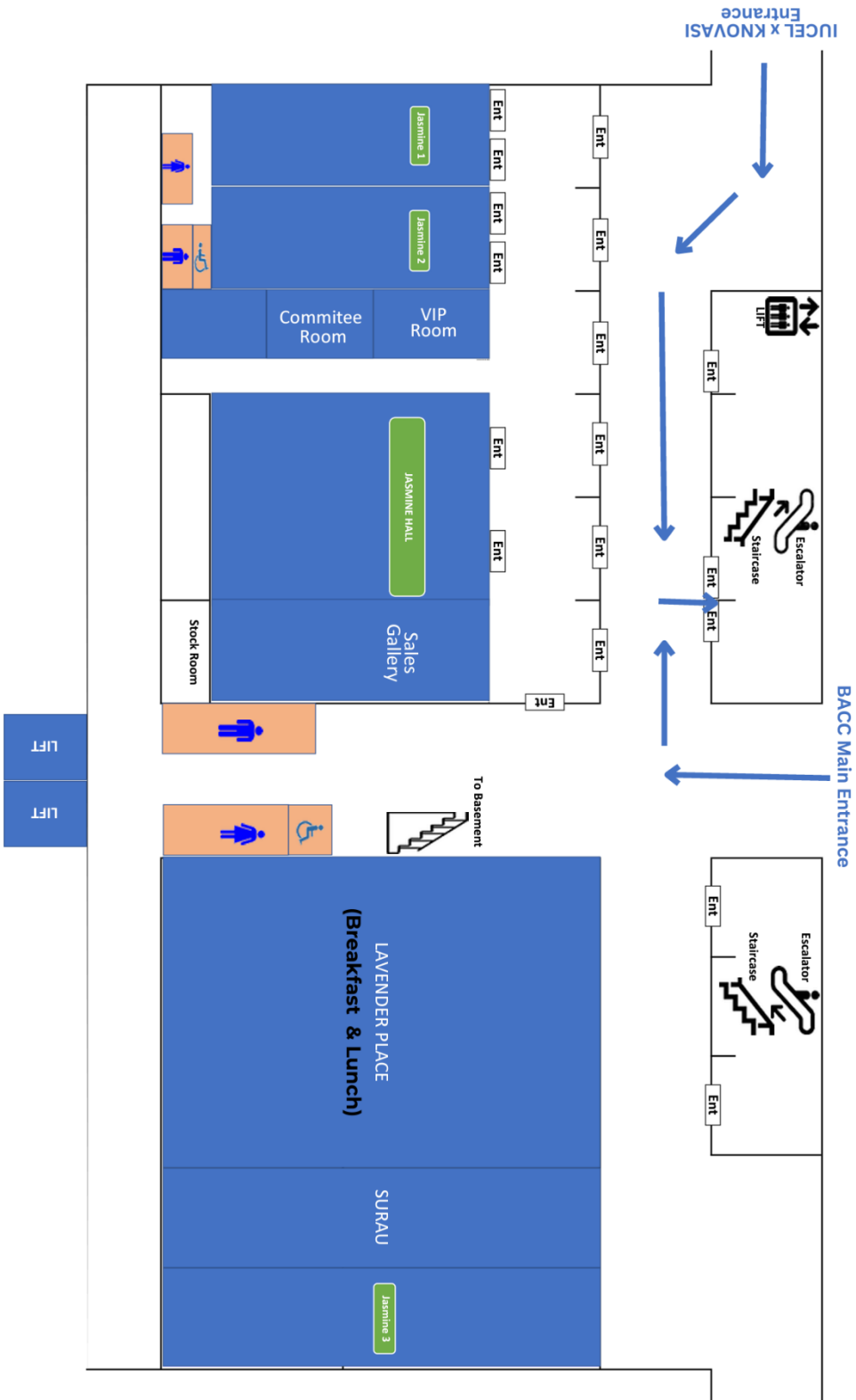
**Level 1, BACC**



Legend

-  Presenter
-  Sponsor Booth
-  Registration

# BACC Ground Floor

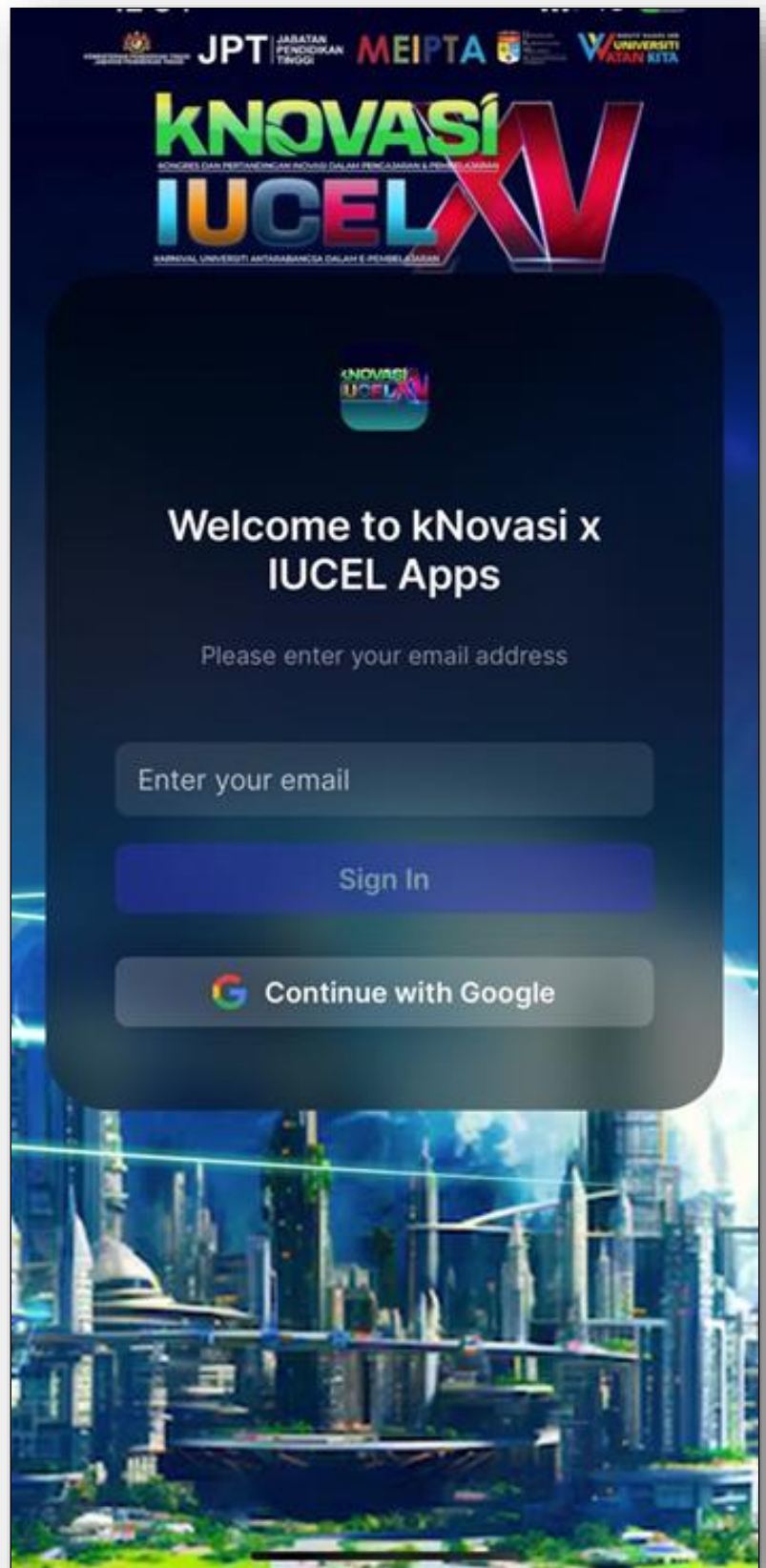


Aplikasi IUCEL x kNovasi

Imbas QR



<https://knovasi-x-iucel-2024.glide.page/>



# PENGHARGAAN & TERIMA KASIH

Bahagian Kecemerlangan Akademik (BKA)  
Majlis Ketua-ketua Penyelaras e-Pembelajaran IPTA Malaysia  
(MEIPTA)  
Penaja  
Jawatankuasa IUCEL x kNovasi 2024  
Auditor IUCEL x kNovasi 2024  
Pengendali sidang  
Pengendali teknikal

&

semua pihak yang menjayakan  
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