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UNIVERSITI
TEKNOLOGI
MARA

20 & 21
MAY
2024



International Industrial Revolution 4.0 Exposition

"INNOVATING IDEAS, TRANSPIRING DREAMS"

ABSTRACT BOOK

Strategic Partners:



Perpustakaan
Sultan Badlishah

Organized By:

**COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS,
UNIVERSITI TEKNOLOGI MARA, KEDAH BRANCH**

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UITM Cawangan Kedah Channel

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IREx 2024

The successful inauguration of IR4.0 Exposition IREx 2019 has witnessed ground breaking initiatives, ideas, and innovations materialised into numerous practical devices today. Treading on the same triumph, the College of Computing, Informatics, and Mathematics, UiTM Kedah is thrilled to announce the continuation of said event, IREx 2024 with the theme: *Innovating Ideas, Transpiring Dreams*.

The IREx 2024 aspires to incorporate even more exciting new technologies including, but not limited to, Information & Communication Technology (ICT), Educational Technology & Innovation (ED), Operational Excellence (OE), Internet of Things (IoT), Process Improvement, Ideas & Design, Multimedia, and Electronics that will chart new milestones in human history. This will serve as an excellent platform for scientists and innovators alike to meet the like-minded individuals and showcase inspiring ideas and notable innovations.

PROGRAM SCHEDULE

International Industrial Revolution 4.0 Exposition (IREx 2024)
21ST May 2024 (Tuesday)
Dewan Perdana, UiTM Kedah Branch

TIME	EVENT
8.00 – 9.00 am	Registration & Booth Set Up
9.00 am – 12.00 pm	Exhibition & Judging Session
12.00 pm – 2.00 pm	Obedient Drone Session & Break
2.00 pm – 5.00 pm	Official Closing & Prize Giving Ceremony
5.00 pm	Program Ends

Official Closing Ceremony

International Industrial Revolution 4.0 Exposition (IREx 2024)

TIME	EVENT
2.00 pm	Arrival of Guests and Participants
2.30 pm	Arrival of VVIP
	National anthem - Negaraku And Wawasan Setia Warga
2.40 pm	UiTM
	Welcoming Speech
3.00 pm	Rector's Welcoming Speech
	Officiating Speech
3.10 pm	Gimmick & Montage presentation
3.30 pm	Prize Giving Ceremony
4.00 pm	Photography
5.00 pm	Program Ends

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SMART TAHSIN

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ABSTRAK - Smart Tahsin merupakan satu inovasi yang dalam kaedah pembelajaran dan instrumen bagi meningkatkan pencapaian CLO 1 Penilaian Tunjuk Cara (Bahagian A) kepada pelajar yang mengambil kursus DUA23052 Sains Teknologi & Kejuruteraan Dalam Islam. Di mana dalam penilaian ini pelajar dikehendaki menghafal bacaan dalam solat dan surah-surah pilihan. Smart Tahsin dibangunkan dengan menggunakan aplikasi AppSheet yang dikawal selia oleh pensyarah subjek melalui telefon pintar. Smart Tahsin lebih memfokuskan untuk memperbaiki hafalan bacaan surah al-fatihah dan bacaan tahiyyat akhir kepada pelajar yang tidak melepasi saringan bacaan ayat dan doa tersebut. Kaedah pelaksanaannya ialah pelajar tersebut akan dibantu dan diuji berulang kali serta diberi markah oleh fasilitator yang dilantik dengan menggunakan aplikasi Smart Tahsin sebelum diuji sekali lagi dan dinilai secara keseluruhan oleh pensyarah. Hasil penggunaan Smart Tahsin dalam kaedah pembelajaran ini, pencapaian CLO 1 Penilaian Tunjuk Cara (Bahagian A) dapat ditingkatkan daripada 75% pada Sesi II 2022/2023 kepada 88% pada Sesi I 2023/2024..

Kata kunci: Smart Tahsin, Kaedah pembelajaran, Inovasi PdP.



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