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TEKNOLOGI
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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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CATEGORY C

SMART ADAB

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ABSTRAK - Kaedah pengajaran berasaskan multimedia interaktif merupakan salah satu alat peneguhan yang diperlukan di dalam proses penyampaian pengajaran dan pembelajaran. Penggunaan multimedia interaktif ini dapat mempelbagaikan kaedah dan cara penyampaian oleh guru. Oleh yang demikian, satu inovasi multimedia interaktif telah dibina dan diberi nama "Smart Adab" sebagai bahan bantu mengajar yang boleh diguna pakai oleh guru untuk menimbulkan minat murid serta menjadikan pengajaran mereka lebih baik. Smart adab ini dibangunkan berasaskan mata pelajaran Pendidikan Islam dalam bidang akhlak tahap dua tahun empat yang memfokuskan adab terhadap keluarga. Perisian ini dicipta bertujuan membantu murid-murid untuk memahami topik ini disamping menerapkan pembelajaran abad ke-21 bagi memastikan pelajar tidak ketinggalan dalam dunia yang berkembang pesat.

Kata Kunci: Smart Adab, Multimedia interaktif, bahan bantu mengajar, pengajaran, bidang Akhlak, adab terhadap keluarga, Pendidikan Islam.



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