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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 D

GOLD ZAKAT ENLIGHTENING APPS

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ABSTRACT - Gold zakat, among the various types of zakat, is mandated by regulations for Muslim individuals. However, statistics indicate that gold zakat collection ranks lowest compared to other forms, such as income zakat and business zakat, which are based on measurable income or profits. Unlike these forms, gold zakat pertains more to individual ownership and does not require declaration. Consequently, the responsibility for paying gold zakat lies with the individual's own awareness and sense of obligation. To enhance awareness and accountability regarding gold zakat among Muslim individuals, the Gold Zakat Enlightening Apps were developed. This initiative stemmed from instances where individuals who had not paid zakat confessed their lack of knowledge about zakat types beyond zakat fitr. The primary goal of this product is to disseminate information about gold zakat, covering its conditions, payment procedures, and relevant scenarios. This aims to elevate the level of awareness and accountability among Muslim individuals. To identify factors influencing this awareness, a questionnaire was distributed, revealing that attitude, religious obligation, knowledge, and subjective norms are among the contributing factors. Through this product, awareness can be cultivated by providing informative content to the audience.

Keywords: Gold zakat, zakat apps, religious obligation, subjective norms



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