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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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CLINICCONNECT

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ABSTRACT - Accessing healthcare services efficiently is a must for students in a university setting. However, the current process of scheduling appointments and managing medication can be inconvenient and prone to oversight. This project introduces a mobile application to fulfil healthcare interactions for students within the university clinic. The app aims to empower students to easily schedule appointments, receive reminders for medication intake, and access essential health resources, ultimately enhancing their well-being and academic success. Navigating the healthcare system within the university clinic poses challenges for students, including long wait times for appointments, difficulty in scheduling, and the potential for missed medication doses. The project will commence with a comprehensive analysis of student healthcare needs and existing clinic workflows. Prototyping and user testing will inform the iterative development of the app, ensuring usability and functionality align with student preferences. By providing a user-friendly platform for appointment scheduling and medication management, the app aims to reduce barriers to healthcare access and empower students to take proactive steps towards their health goals. Furthermore, by promoting timely healthcare interactions and medication adherence, the app contributes to a healthier campus environment and supports students in achieving their academic potential.

Keywords: mobile app, clinic management, information system, online appointment



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