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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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ONLINE ATTENDANCE FORM (OAF)

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ABSTRAK - Tujuan projek ini dijalankan untuk mencipta satu aplikasi yang bernama OAF (*Online Attendance Form*). Aplikasi ini dicipta bagi menggantikan time recorder punch card. Aplikasi ini dilengkapi dengan sistem GPS bagi memudahkan pekerja, terutama dari golongan OKU, ibu-ibu mengandung dan pekerja yang sudah berusia untuk merekod kehadiran tanpa pergi ke tempat *time recorder punch card* diletakkan. Aplikasi ini dicipta menggunakan Google Web Sheet. Sistem aplikasi OAF ini akan berfungsi apabila pengguna memasuki kawasan kerja yang telah ditetapkan. Sekiranya pengguna berada di luar kawasan kerja, kehadiran pekerja itu tidak akan diterima. Aplikasi ini memberi impak yang besar kepada pengguna. Antaranya, aplikasi ini dapat menjimatkan masa kepada pengguna. Selain itu, dapat menjimat tenaga kepada pengguna kerana pengguna tidak perlu berjalan ke tempat *time recorder punch card*. Seterusnya, aplikasi ini juga dapat memudahkan kerja majikan untuk menyemak rekod kehadiran pekerja. Namun begitu projek ini masih mempunyai kekurangan dan kelemahan yang masih boleh dipertingkatkan serta berpotensi untuk berkembang sejajar dengan penciptaan aplikasi ini. Secara keseluruhannya aplikasi OAF ini dapat berfungsi dengan baik.

Kata Kunci: Orang kurang upaya, punch card, rekod kehadiran



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