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UiTM SEBUAH UNIVERSITI

UNIVERSITI TEKNOLOGI MARA

20 & 21 MAY 2024

# IRAX

## International Industrial Revolution 4.0 Exposition

"INNOVATING IDEAS, TRANSPIRING DREAMS"

# ABSTRACT BOOK

**Strategic Partners:**

UST

Perpustakaan Sultan Badlishah
UNIVERSITI TEKNOLOGI MARA

**Organized By:**

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

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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 practival 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 |
| 2.40 pm | National anthem - Negaraku And Wawasan Setia Warga UiTM |
| 3.00 pm | Welcoming Speech<br>Rector's Welcoming Speech |
| 3.10 pm | Officiating Speech<br>Gimmick & Montage presentation |
| 3.30 pm | Prize Giving Ceremony |
| 4.00 pm | Photography |
| 5.00 pm | Program Ends |

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# CATEGORY D

# GHOST VISIT

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**ABSTRAK -** Kewujudan pembimbing guru yang dikenali sebagai Pembimbing Pakar Peningkatan Sekolah (SISC+) bertanggungjawab meningkatkan kualiti sekolah melalui inisiatif peringkat daerah yang sistematik dan berfokus. SISC+ perlu meningkatkan pengetahuan dan kemahiran baharu dari semasa ke semasa melalui pelbagai pendekatan terutamanya dalam memanfaatkan komuniti pembelajaran profesional (PLC) bagi membantu dalam melaksanakan bimbingan dan pementoran. Di Malaysia, Kementerian Pendidikan Malaysia (KPM) telah memperkenalkan learning walk ataupun jelajah pembelajaran sebagai alat PLC bagi meningkatkan kemahiran pemerhatian. Namun, disebabkan kekangan masa untuk melaksanakan learning walk semasa proses pengajaran dan pembelajaran berlaku telah menyebabkan alat ini kurang digunakan. Justeru, SISC+ PPD Kota Setar telah memperkenalkan satu inovasi terhadap pelaksanaan learning walk melalui penggunaan Ghost Visit sebagai alat untuk mengumpul data mengenai pengajaran dan pembelajaran melalui pemerhatian. Ghost Visit boleh ditakrifkan sebagai lawatan berstruktur yang berterusan ke sekolah atau bilik darjah semasa tiada proses pengajaran dan pembelajaran berlaku, di mana peserta hanya membuat pemerhatian menggunakan sarana mengenai apa yang mereka lihat berkaitan dengan fokus yang telah dikenal pasti. Pengumpulan dan analisis data diatur untuk memberi tumpuan secara diskret kepada tiga fasa pengalaman: Focus, Improve dan Share (FIS). Impak pelaksanaan Ghost Visit menunjukkan SISC+ berjaya meningkatkan kualiti pemerhatian dan juga membuat refleksi, memikirkan semula cara mereka memantau dan mengukur prestasi guru, serta pengukuhan persekitaran pembelajaran berpusatkan murid. Impak pelaksanaan inovasi ini juga menunjukkan Ghost Visit boleh digunakan untuk membimbing pemimpin pertengahan di sekolah oleh SISC+. Ghost visit mempunyai potensi dilaksanakan bersama-sama dengan strategi lain seperti lawatan penandaarasan bagi mendapat pemahaman yang lebih baik. Maka, Ghost Visit telah mendapat perakuan Hak Cipta dari MyIPO (CRLY2024P01824).

**Kata Kunci:** Ghost Visit, pembimbing guru, learning walk

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