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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

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CATEGORY D

logBlog: INNOVATIVE DIGITAL LOGBOOK

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ABSTRACT - Industrial training plays a pivotal role in higher education institutions in Malaysia, acting as a bridge between theoretical knowledge and practical experience. The effective supervision and monitoring of students during their training are crucial for ensuring a valuable learning journey. While traditional logbooks have been integral for documenting these experiences, their reliance on text may no longer suffice in capturing the depth and diversity of modern industrial training. In response to these challenges, this invention introduces the objectives and key features of logBlog, a revolutionary digital logbook platform. logBlog is designed to elevate the documentation and reflection process for students undergoing industrial training by seamlessly incorporating multimedia elements such as text, images, videos, and audio. By embracing a multimedia approach, logBlog aims to enrich the learning experience, enabling students to comprehensively document their training activities and reflect on their progress in a dynamic and engaging manner. This innovative digital logbook platform represents a significant step forward in modernizing industrial training documentation, offering students a versatile and interactive tool to enhance their learning journey and maximize the benefits of their practical experiences. Through logBlog, students can create comprehensive and visually compelling records of their training, facilitating deeper reflection, knowledge retention, and skill development.

Keywords: Logbook, Industrial training, Multimedia, Supervision, Google sites



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