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TEKNOLOGI
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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 C

AN INTEGRATED CAREER INTEREST ASSESSMENT SYSTEM FOR COUNSELLORS

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ABSTRACT - Personality profiling encompasses a structured methodology for documenting and analyzing the traits that define individuals. One such project, the Integrated Career Interest Assessment System (*i-CK*), aims to gauge the career inclinations of students and professionals. This online system leverages a well-established personality framework and assessment tool pioneered by John L. Holland in 1986. The output of *i-CK* delineates individual career interests and subsequently links them to a catalog of personality traits relevant to various professions. Moreover, it offers extensive information about selected careers. Professional counselors are the primary users of *i-CK*, assisting individuals in exploring their career inclinations. Leveraging the comprehensive data offered by the I.R4.0 Big Data platform embedded in *i-CK*, counselors can meticulously analyze individual profiles to pinpoint career paths that closely align with their interests. Furthermore, *i-CK* is a valuable tool for individuals contemplating their academic pursuits. The insights gleaned from participants' responses shed light on their career inclinations, underscoring the positive impact of *i-CK* as an innovative resource for schools and higher education institutions to aid individuals in charting their career trajectories.

Keywords: personality profiling, career interest, counsellors, big data



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