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UNIVERSITI
TEKNOLOGI
MARA

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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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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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ELECTRONIC PERFORMANCE INDICATOR FOR CAMPUS RESEARCH INTEREST GROUP (e-piCRIG)

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ABSTRACT - Research & Publication Management Unit (RMU) is a Unit operates under Research and Industrial Linkages Department (PJI) in Universiti Teknologi Mara. Among the initiative taken under RMU operations is by proposing a Campus Research Interest Group (CRIG), in order organize research and publications activities among the academicians within the designated campus. Presently, there lacks an adequate mechanism to conduct comprehensive reviews for all lecturers engaged in grants and research within the registered groups, specifically the Campus Research Interest Group (CRIG). As a solution, it is imperative to launch the CRIG system namely e-piCRIG to aid the RMU committee in conducting regular evaluations of every lecturer registered under CRIG. This system can facilitate the clear and precise observation of each group's performance, eliminating the dependence on manual processes. e-piCRIG utilizing an Agile methodology consists of five modules involves namely registration, publication, research, supervision, and innovations. The rationale for this system is to assist the strategic planning team in obtaining periodic reports more efficiently. Additionally, as for the benefits and contributions of this system, every CRIG can track and updates their publications, research, supervision and innovations progress as well as motivates all members to remain actively engaged in fulfilling part of their responsibility as an academician.

Keywords: Agile Methodology, Automated Systems, Campus Research Interest Group, Performance Indicator



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