

# IIUM & RESEARCH INNOVATION DAY 2024

**LEADING THE RESEARCH, PUBLICATION AND  
INNOVATION CULTURE: SOARING HIGH IN  
RESEARCH EXCELLENCE**

**TUESDAY | 2ND JULY 2024 | 25 ZULHIJAH 1445 H**

**GRAND HALL, OFFICE OF CAMPUS DIRECTOR,  
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA, KUANTAN**

**FOR FURTHER INFORMATION:**

**[HTTPS://CONFERENCE.IIUM.EDU.MY/IRID/](https://conference.iium.edu.my/irid/)**



**SCAN ME**

**ORGANISER:  
RESEARCH MANAGEMENT CENTRE, IIUM**

The IIUM Research and Innovation Day (IRID) 2024 is a prominent exhibition dedicated to health and sciences research, organized to showcase innovative research findings and foster research collaboration among scholars from the International Islamic University Malaysia (IIUM) and across Malaysia. This year's theme, "**LEADING THE RESEARCH, PUBLICATION AND INNOVATION CULTURE: SOARING HIGH IN RESEARCH EXCELLENCE,**" emphasizes the significance of publishing research outcomes to spread knowledge for humanity's benefit. The event is a joint effort with the Technology Transfer Office of the Research Management Centre, highlighting the potential for research projects to be selected for commercialization.

It offers a platform for interactive poster presentations, discussions, and the exhibition of creative innovations. The program aims to provide constructive feedback, facilitate the sharing of ideas, and encourage networking among researchers. **All submitted abstracts will be published in selected IIUM journals (MYCITE – indexed)** with awards for the best research and innovation in both student and staff categories. Participants are also encouraged to publish full articles in various IIUM journals. This initiative seeks to benefit attendees greatly, promoting experience sharing and the development of lasting relationships within the research community.

The objectives of the IRID 2024 are as follows:

- To identify the prominent researchers in Malaysia mainly IIUM Kuantan.
- To inculcate research culture among academic staff and students (postgraduate and undergraduate).
- To showcase the research findings and products of academic staff and students.
- To encourage inter Kulliyah/ Universities/ Institutions collaboration in research and innovation.
- To identify the best research outputs and products to represent IIUM at national and international competition.

The topics are

1. Basic Health Sciences
2. Applied Health Sciences
3. Medical & Health Sciences
4. Nursing & Midwifery
5. Pharmacy
6. Dentistry
7. Engineering
8. Biological Sciences
9. Art & Social Sciences



Bismillahirrahmanirrahim.

Assalamualaikum warahmatullah wabarakatuh.

Alhamdulillah, it gives me great pleasure to welcome you to IIUM Research and Innovation Day IRID 2024: An Exhibition for Health and Sciences Research. This programme aims to showcase innovative research findings and encourage research collaboration among researchers from IIUM and also around Malaysia.

The theme for this year's event is LEADING THE RESEARCH, PUBLICATION AND INNOVATION CULTURE: SOARING HIGH IN RESEARCH EXCELLENCE.

We want to highlight again the importance of publishing research results as a way to disseminate knowledge for the benefit of mankind.

This year's program is a collaboration with the Technology Transfer Office of the Research Management Centre. Your research has the potential to be selected as a potential research product for commercialisation.

The poster presentation will allow interaction and discussion among researchers. We also invite researchers who have creative innovations to showcase their products at this event.

I hope this event will serve as a good platform for you to receive constructive feedback, share ideas and spark friendships with other researchers.

All submitted abstracts will be published in selected IIUM journals (MYCITE – indexed), and awards will be given for best research and innovation among the students and staff categories. Participants are also invited to publish their research as full articles in IIUM journals.

I hope everyone benefits greatly from this event; I am looking forward to knowing you, sharing our experiences and building a lasting relationship together.

Thank you.



**IIUM Research and Innovation Day (IRID) 2024**  
**2<sup>nd</sup> July 2024 (Tuesday)**  
**Grand Hall, Office of the Campus Director**  
**International Islamic University Malaysia (Kuantan Campus)**

**Program Schedule**

Time	Event
8.30 am	Registration of participants
8.45 am	Arrival of VIP and Guests
9.00 am	Negaraku, Pahang Song, IIUM Song
9.05 am	Recitation of Dua
9.10 am	Opening remarks <b>Prof. Dr. Nazri Mohd. Yusof</b> Chairman IIUM Research and Innovation Day 2024
9.15 am	Officiating Speech & Officiating Ceremony Gimmick <b>YB Dato' Mohamad Nizar Bin Dato' Sri Mohamad Najib, DSAP</b> Pahang State Executive Councillor (EXCO) Investment, Industrial Development, Science, Technology and Innovation
9.25 am	Token of appreciation for external guest
9.35 am	Video Presentation Group photo
9.40am	VIP visit the poster exhibitions and showcase
10.00 am	Refreshments for VIPs and Invited guests
10.30 am	Commercialization Talk 1 <b>Prof. Dr. Mohd Shahir Shamsir Omar</b> (Universiti Teknologi Malaysia, UTM) Title: "From Discovery to Disruption: Transforming Research into Start-up Success"
11.15 am	Poster evaluations
1.15 pm	Lunch break
2.00 pm	Poster evaluations continues
3.00 pm	Commercialization Talk 2 <b>Madam Mariatini Othman</b> (Senior Vice President, Technology Advisory Services, MTDC) Title: "Unlocking Opportunities: The Dynamics of Commercialization Ecosystems"
3.00 pm	Scientific Research Meeting
4.00 pm	Announcement of Winners for best participants
4.15 pm	Prize giving ceremony and closing remarks <b>Prof. Dr. Nazri Mohd. Yusof</b> Chairman IIUM Research and Innovation Day 2024
5.00 pm	End of program and adjourn

**Concurrent Events (10.00 am – 4.00 pm) @ Grand Hall, IIUM Kuantan**

**One Stop Research Clinics by IIUM Gombak**

1. Grant Initiative Unit (GIU)
2. Grant Management Unit (GMU)
3. Research Excellent Unit (REU)
4. Technology Transfer Office (TTO)
5. Copyright and MyRA Publication (Dar Al-Hikmah Library)

*As of 24/6/2024*

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**PURPOSE:** The objective of this study is to develop the CustomGPT MQA Advisor, an innovative AI-powered system designed to streamline the accreditation process in higher education institutions. The system aims to provide precise guidance on Malaysian Qualifications Agency (MQA) standards and Malaysian Medical Council (MMC) requirements, addressing the complexities involved in academic accreditation.

**METHOD:** The CustomGPT MQA Advisor uses the advanced GPT-4 framework and employs natural language processing (NLP) techniques to comprehend and analyse extensive MQA and MMC documentation. It offers an interactive platform where users can receive contextual advice similar to conversing with a human expert. The stateful memory of the system ensures smooth and consistent interactions by customizing advice based on the history and specific needs of the institution. By referencing specific sections of official documents, the advisor provides actionable recommendations that are both reliable and verifiable.

**RESULTS:** The CustomGPT MQA Advisor effectively bridges the gap between complex policy language and practical application, significantly streamlining the accreditation process. It can be updated with the latest policy changes, ensuring users remain compliant with current standards. With its user-friendly interface and comprehensive report generation capabilities, the system makes it accessible to all users, regardless of their familiarity with accreditation policies. The Academic Quality Assurance Liaison (AQAL) of the Kulliyah of Medicine has actively used the advisor, demonstrating its practical value in preparing submissions for full accreditation and curriculum reviews.

**CONCLUSION:** The CustomGPT MQA Advisor represents a significant leap in academic accreditation, enhancing the quality and efficiency of the process. The system offers precise, real-time guidance, aiding in meeting accreditation standards while also fostering a deeper understanding of quality assurance in higher education. This ultimately enhances the quality of education through informed decision-making.

**Keywords:** AI, accreditation, higher education, MQA standards, MMC requirements

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