EISSN 3083-9904

INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

# KICT NEWSLETTER

ISSUES 03, APRIL 2025


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## Motivational Quote

"When someone does you wrong,
respond with kindness,
and you will disarm them."
(Hadith Qudsi)

## Message from the Editors

Dear Readers,

We are pleased to present the third issue of the KICT Newsletter for 2025, a platform dedicated to celebrating the remarkable achievements, contributions, and innovations within the Kulliyyah of Information and Communication Technology (KICT).

This edition highlights the innovative research projects, academic recognitions, and impactful community engagements led by our faculty members and students. We also showcase exciting activities, insightful talks, and recent publications that reflect KICT's ongoing commitment to academic excellence, technological advancement, and knowledge-sharing.

As we continue this journey of growth and innovation, we extend our gratitude to the contributors, editorial team, and the entire KICT community for making this publication a success. We hope this issue serves as an inspiration for continued collaboration, research, and academic excellence.

Best regards,
*Editorial Team*
*Kulliyyah of Information and Communication Technology (KICT)*

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# Achievements and Recognitions

# Achievements and Recognitions

LEADING THE WAY
LEADING THE WORLD
AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY
KICT

ٱلْحَمْدُ لِلَّهِ

## Congratulations

for completing the
Sponsored Project (International)

Prof. Datin Dr. Roslina Othman

Title

Quran and Scientific Research

Team Members

Asst. Prof. Dr. Noor Azura Zakaria
Prof. Dr. Imad Fakhri Taha Alyaseen

Total
RM10,000

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KICT

ٱلْحَمْدُ لِلَّهِ

## Congratulations

for completing the
IIUM-UMP-UiTM Sustainable Research Collaboration
Grant 2020

Assoc. Prof. Ts. Dr.
Normi Sham Bt. Awang Abu Bakar

Title

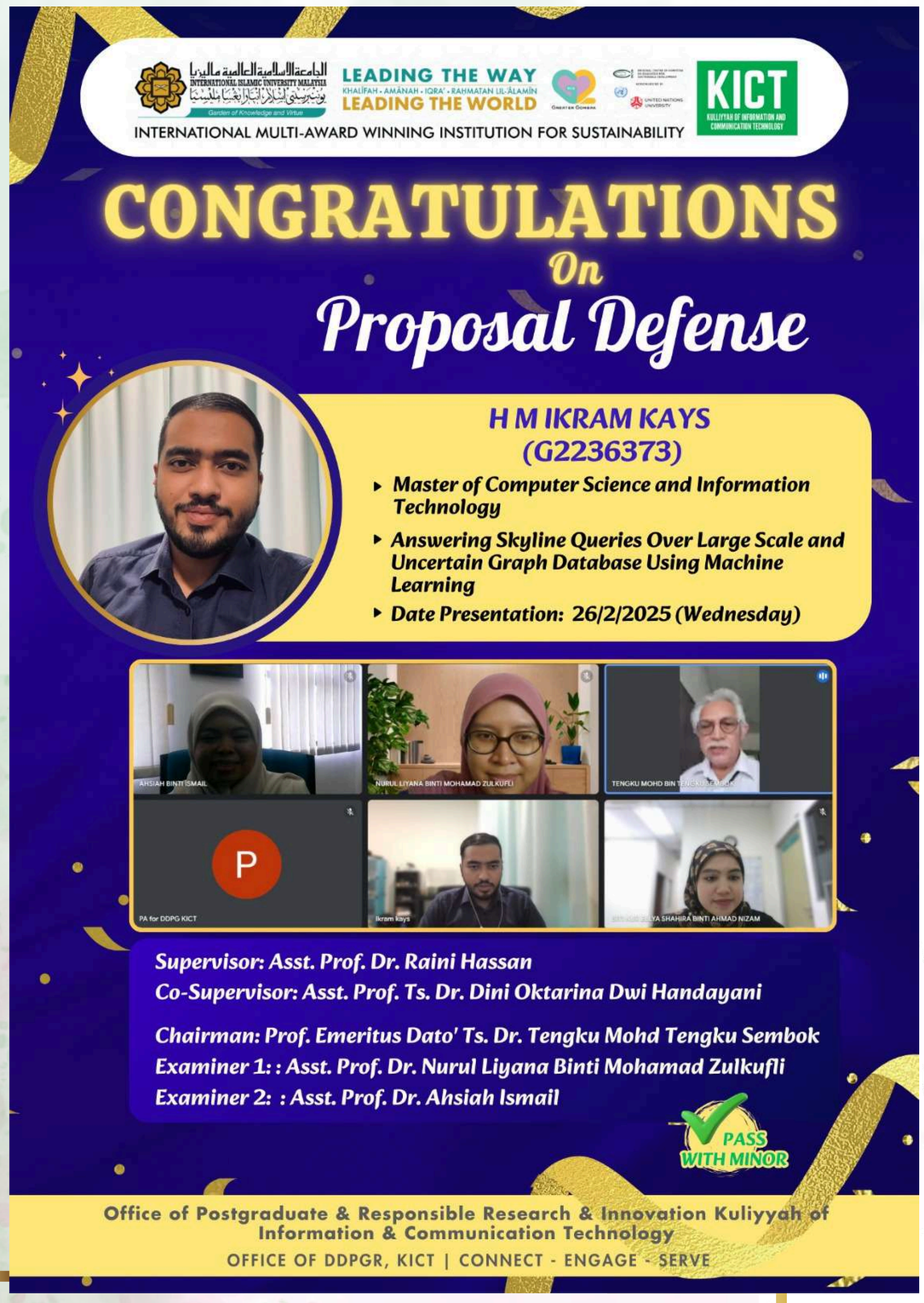
The establishment of a Robust Framework for the Issuance of Central Bank Digital Currency (CBDC) in Malaysia

Team Members

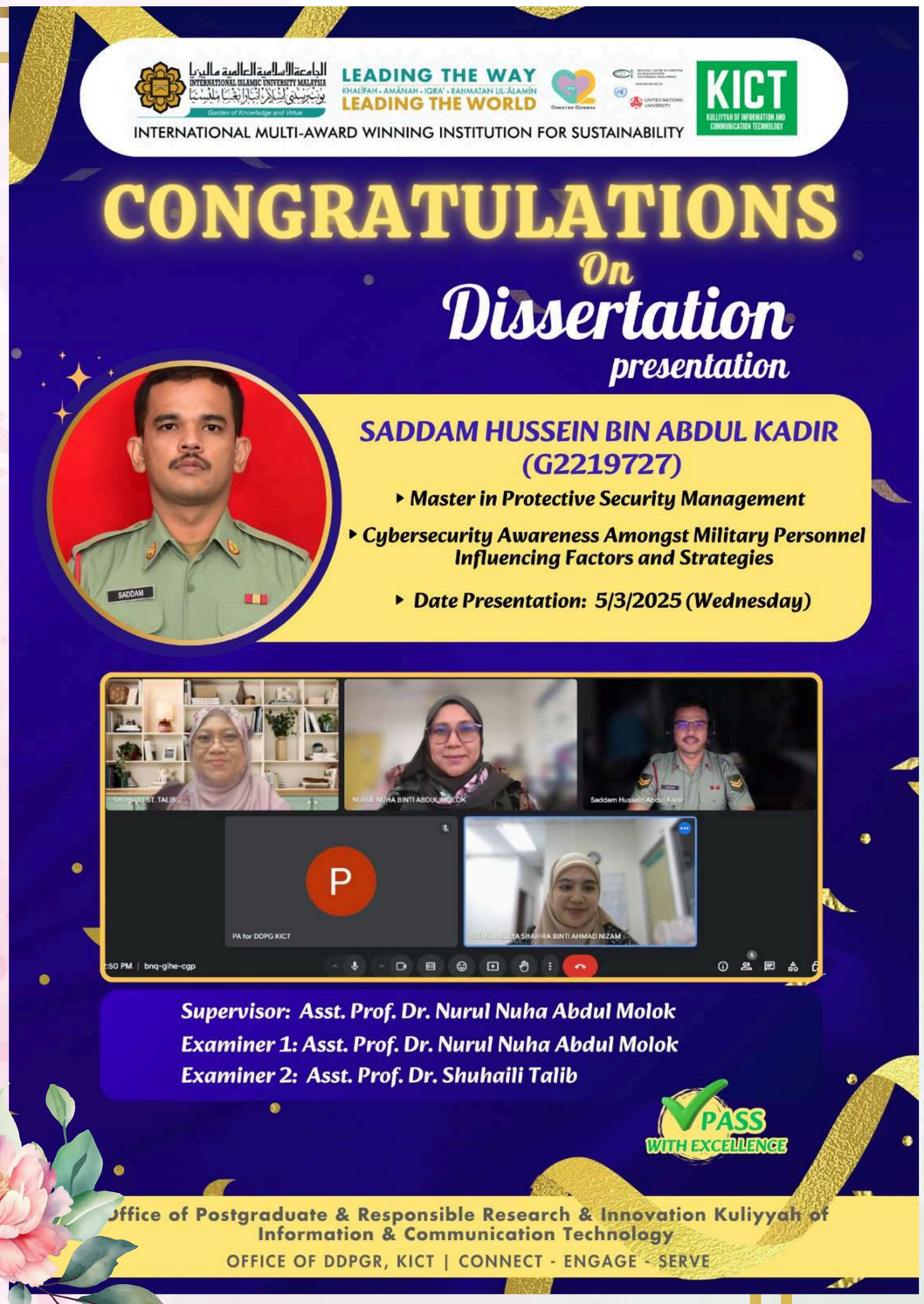
Dato' Prof. Dr.Norbik Bashah Idris
Asst. Prof. Dr. Norzariyah Yahya
Prof. Dr.Engku Rabiah Adawiah Bt Engku Ali (IIiBF)
Profesor Ts. Dr. Jasni Bt Mohamad Zain (UITM)
Dr. Erni Eliana Khairuddin (UITM)
Dr. Ahmad Firdaus Bin Zainal Abidin (UMP)

Total
RM20,000

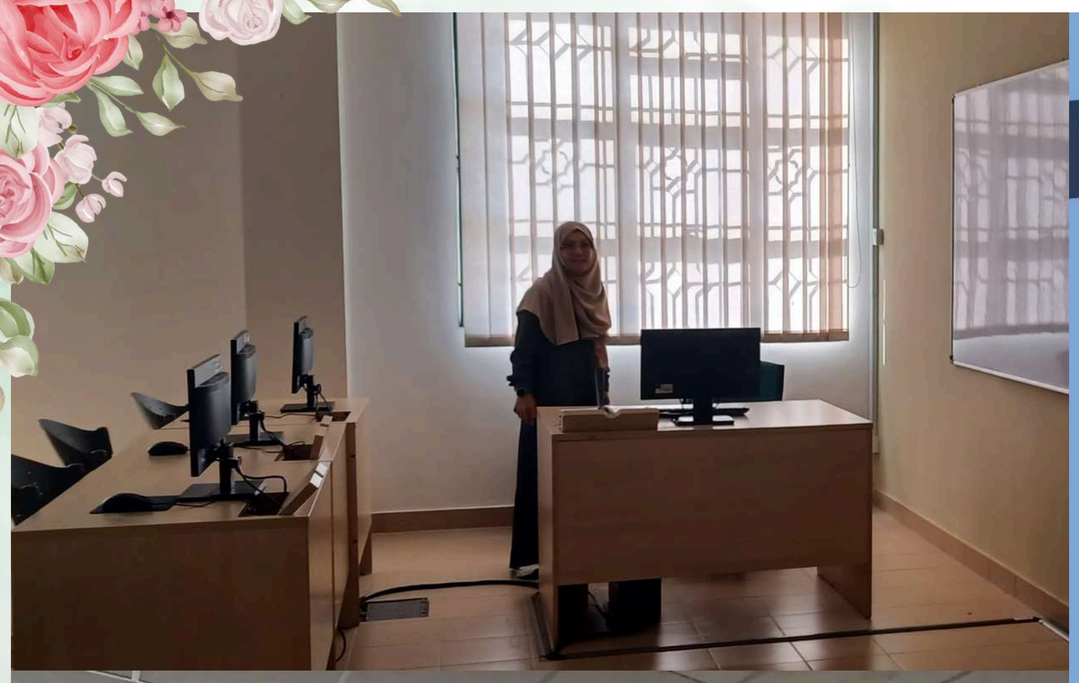
# Achievements and Recognitions



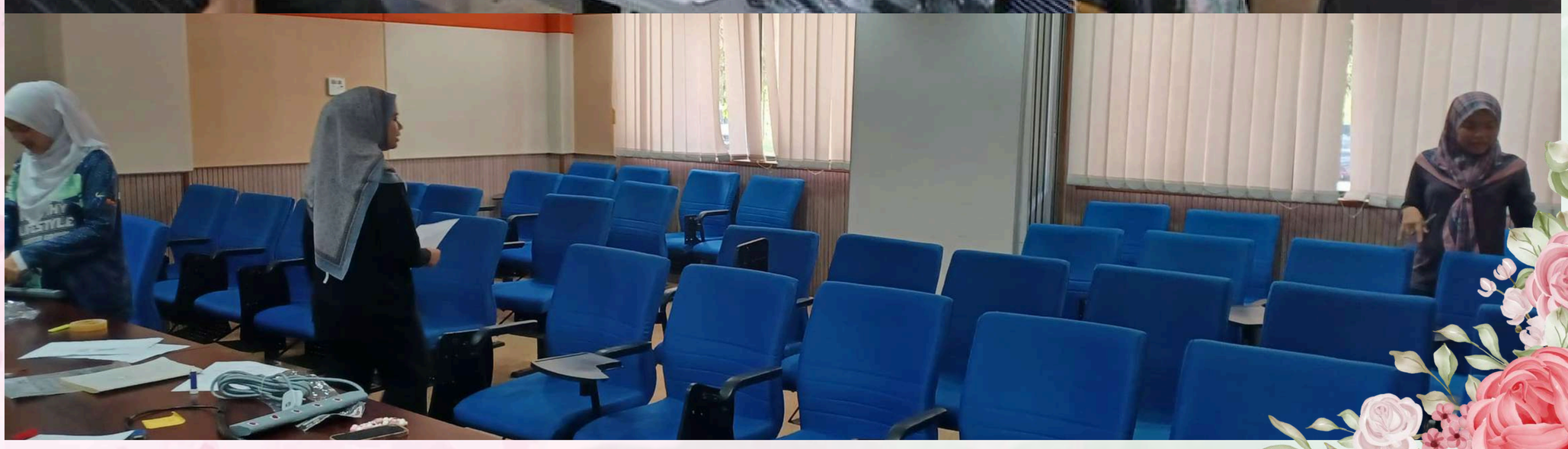
# Achievements and Recognitions



# Activity



LEADING THE WAY
KHALIFAH • AMANAH • IQRA' • RAHMATAN LIL 'ALAMIN
LEADING THE WORLD
INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY
KICT GOTONG ROYONG
1/2025
"LET'S INSPECT"
DATE : 21st FEBRUARY 2025
DAY : FRIDAY
TIME : 9.30 AM – 12.30 PM
( ALL CLASSROM KICT )
ACTIVITIES :
1. CLASSROOM INSPECTION :
CHECKING FACILITIES (ELECTRICAL SYSTEMS , AIR-CONDITIONING & INVENTORYING)
2. TIMETABLE SETUP :
POSTING CLASSROOM SCHEDULES
JOIN US IN ENSURING A WELL-MAINTAINED AND ORGANIZED LEARNING ENVIRONMENT !



# Activity

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KICT
INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY
ACTUALISING IIUM MISSION THROUGH HUMANISING EDUCATION
IGII Deation 2025
INTERNATIONAL GRAND INVENTION, INNOVATION AND DESIGN EXPO
REVOLUTIONIZING IDEAS FOR PIONEERING THE FUTURE
Special thanks to everyone involved!
THANK YOU FOR MAKING IGIIDEATION 2025 A SUCCESS
IGIIDEATION 2025 COMMITTEE
Ts. Dr. Ahmad Anwar bin Zainuddin
Dr. Asmarani Mohd Puzi
Ts. Dr. Dini Oktarina Dwi Handayani
Dr. Abdul Rafiez bin Abdul Raziff
Dr. Mohd Khairul Azmi bin Hassan
Dr. Amir 'Aatieff bin Amir Hussin
Ts. Dr. Saidatul Izyanie Kamarudin
Ir. Ts. Dr Krishnan Subramaniam
Mdm. Siti Husna Abdul Rahman
Dr. Edwar Iswardy
Mr. Hasbullah Hamizan
Dr. Noor Azura Zakaria
Muhammad Hafiz Faruqi bin Md Saifuddin
Nuramiratul Aisyah binti Ruzaidi
Nurul Aisyah binti Mohd Ruslim
Nur Zafirah Adira binti Ahmadzamani
Nur Nisa Humairah binti Rosdi
Muhammad Irfan Zaki bin Mohd Razali
Ahmad Azzam bin Abdul Jamil
Wan Zul 'Irfan bin Wan Zulkifli
Wan Shafiq Aiman bin Wan Anuar
Wan Muhammad Haziq Nur Iman bin Wan Mohd Azman
Waiz Wajdi bin Mahamad Yazid
Amysha Qistina binti Amerolazuam
Nur Alia Alina binti Abdul Rahman
Nur Fatnin Izzati binti Sidik
Nur Adila binti Ahmad Faizul
Nur Faizah binti Omar
Farah binti Mazlan
Ahmad Aziem Khushairi bin Anuar
Nik Nor Muhammad Saifudin bin Nik Mohd Kamal
Muhammad Haziq Zulhazmi bin Hairul Nizam
Muhammad Hafiz Faruqi bin Md Saifuddin
Majdi Ahmadi bin Mohd Zohdi
Collaboration Partners:
MBOT
SILVER SEEDS LAB NETWORK
MILA UNIVERSITY
MMU
KICT

# Activity

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KICT
KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
Invitation to
KICT
RAYA PHOTOSHOOT
DATE : 26 MARCH
TIME : 1.00 PM
THEME : RAYA ATTIRE
LOCATION : KICT ROUNDABOUT
*TO ALL KICT STAFF

KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
LEADING THE WAY
LEADING THE WORLD
KICT
INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY
عيد مبارك
SELAMAT HARI RAYA AIDILFITRI 1446h
MAAF ZAHIR & BATIN
https://kulliyyah.iium.edu.my/kict/
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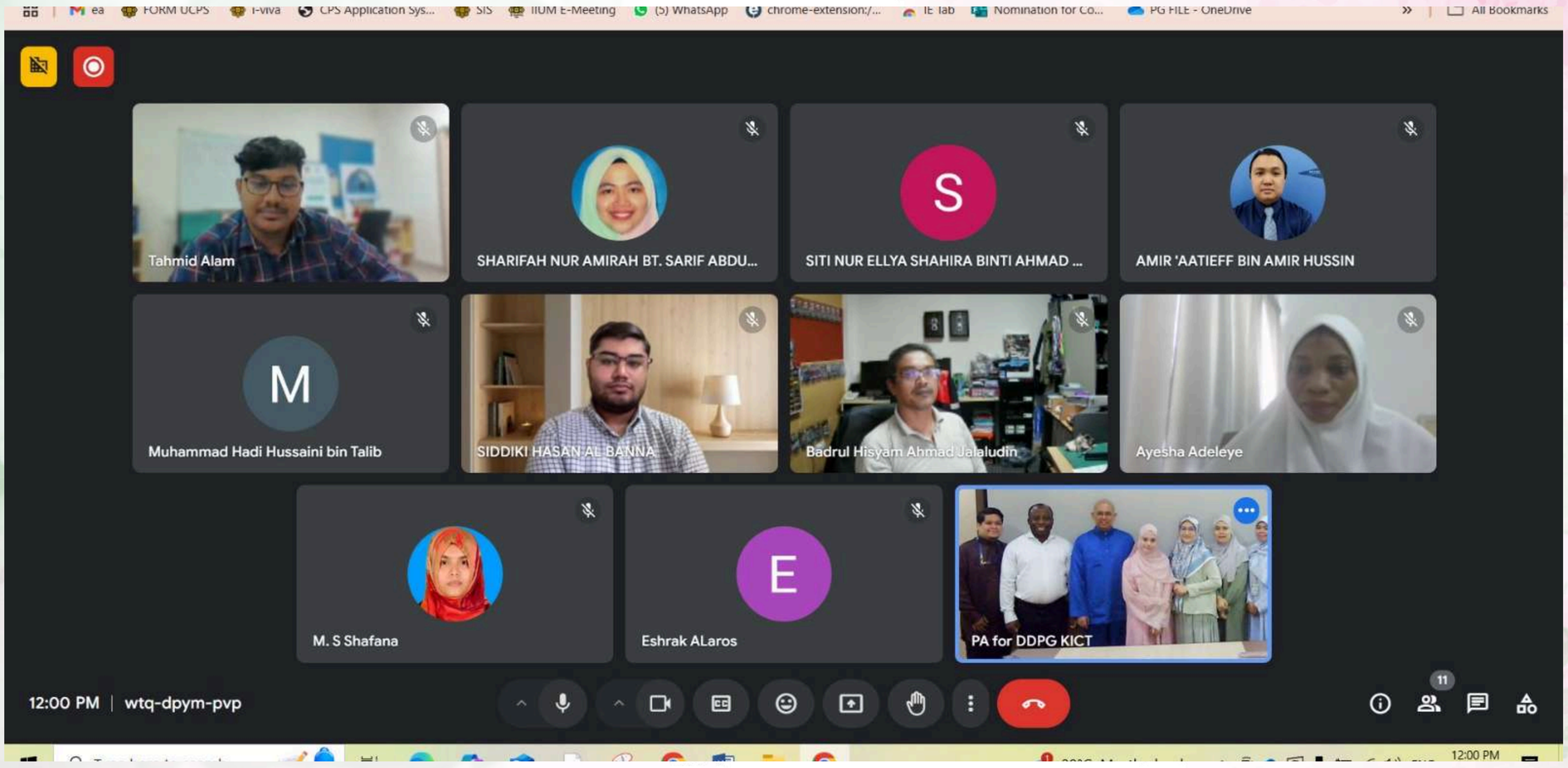
# Activity

## KICT Postgraduate Briefing and Ta'aruf for New and Current Students for Semester 2, 2024/2025




# Talk/Seminar

# Talk/Seminar

# Publications

***(Submission in IRep as of April 2025)***

Abdul Mohaimin, Irfan Qayyim and Mohd Marzuki, Aida Najihah and Hassan, Raini (2025) Predictive analytics for sustainable tourism development: a data-driven approach. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 135-147. E-ISSN 2462-229X

Ahmed, Mahfooz and Al-Hussaini, AbulFathi Ibrahim Saleh and Abubakar, Adamu (2025) *Factors influencing the intention to use the Nigerian central bank digital currency (E-Naira) among Nigerian retailers.* Journal of Financial Services Marketing, 30 (1). pp. 1-16. ISSN 1363-0539 E-ISSN 1479-1846

Annas, Ammar Haziq and Zainuddin, Ahmad Anwar and Amir Hussin, Amir 'Aatieff and Nik Mohd Kamal, Nik Nor Muhammad Saifudin and Mohammad Noor, Normawaty and Mohd Razali, Roziawati (2025) Cloud-based IoT system for real-time Harmful Algal Bloom monitoring: seamless ThingsBoard integration via MQTT and REST API. In: 2024 IEEE 22nd Student Conference on Research and Development (SCOReD), 19-20 December 2024, KUALA LUMPUR.

Awang Abu Bakar, Normi Sham (2025) Machine learning implementation in automated software testing: a review. Journal of Data Analytics and Artificial Intelligence Applications, 1 (1). pp. 110-122. E-ISSN 3062-2697

*Farabi, Ahmad and Salim, Zamroni and Handayani, Dini Oktarina Dwi and Setianto, Rahmat Heru (2025) Assessing the influence of energy consumption and islamic financial development on Indonesia's economy with dynamic ARDL simulations approach. International Journal of Energy Economics and Policy, 15 (1). pp. 578-588. ISSN 2146-4553*

*Hassan, Md Tanvir and Basri, Atikah Balqis and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmod Attar Bashi, Zainab Senan (2025) Hybrid computational model of reflectivity values and rain cell size for improved flood disaster prediction: raw data reading process implementation. Journal of Information Systems Engineering and Management, 10 (28s). pp. 129-136. E-ISSN 2468-4376*

*Mahmod Attar Bashi, Zainab Senan and Senan, Shayma (2025) A comprehensive review of Zero Trust Network Architecture (ZTNA) and deployment frameworks. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (1). pp. 148-153. E-ISSN 2462-229X*

*Mohammed, Siti Asma and Md Noor, Nuramalia Batrisyia and Azuddin, Muna (2025) UX evaluation of dyslexia app based on honeycomb model. Journal of Advanced Research in Computing and Applications, 38 (1). pp. 51-62. ISSN 2462-1927*

*Mohd Dhuzuki, Nurul Hanis and Zainuddin, Ahmad Anwar and Kamarul Zaman, Nur Anis Sofea and Ahmad Razmi, Alin Nur Maisarah and Kaitane, Wonderful Shammah and Ahmad Puzi, Asmarani and Johar, Mohd Naqiuddin and Yazid, Maslina and Mohd Nordin, Nor Azlin and Sidek, Shahrul Naim and Mohd Zaki, Hasan Firdaus (2025) Design and implementation of a deep learning based hand gesture recognition system for Rehabilitation Internet-Of-Things (RIOT) environments using MediaPipe. IIUM Engineering Journal, 26 (1). pp. 353-372. ISSN 1511-758X E-ISSN 2289-7860*

Tengku Sembok, Tengku Mohd and Abuata, Belal Mustafa (2025) Arabic stop words for information retrieval systems. International Journal of Religion, 6 (1). pp. 121-127. ISSN 2633-352X E-ISSN 2633-3538

*Dede Bagus, Suhada and Sri, Maryani and Renny, Renny and Triyani, Triyani and Bambang Hendriya, Guswanto and Kartiwi, Mira (2025) Whole space case for solution formula of Korteweg type fluid motion in ℝ3. In: The 7th International Conference on Multidiscipline Approaches for Sustainable Rural Development (ICMA SURE 2024), 26-27 Septermber 2024, Purwokerto, Indonesia.*

*Hassan, Md Tanvir and Basri, Atikah Balqis and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmod Attar Bashi, Zainab Senan (2025) Hybrid computational model of reflectivity values and rain cell size for improved flood disaster prediction: raw data reading process implementation. Journal of Information Systems Engineering and Management, 10 (28s). pp. 129-136. E-ISSN 2468-4376*

*Hassan, Mohammed Rakibul and S Abd Aziz, Madihah (2025) Artificial Intelligence Comic Strip (AICS) generators: a review of subscription models, pricing, and user satisfaction. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 95-102. E-ISSN 2462-229X*

*Mohammed, Siti Asma and Md Noor, Nuramalia Batrisyia and Azuddin, Muna (2025) UX evaluation of dyslexia app based on honeycomb model. Journal of Advanced Research in Computing and Applications, 38 (1). pp. 51-62. ISSN 2462-1927*

*Mohd Mohadis, Hazwani and Kamal-Ludin, Afifi Syahmi and Nordin, Mohd Norhazmi (2025) BiologAR: an interactive augmented reality application for learning biology in secondary schools in Malaysia. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 9-15. E-ISSN 2462-229X*

*Saeed, Yahya Ateik Al-Sagheer and Zulkifli, Zahidah and Shikh Nasir, Sumaia and Ahmed, Wani Bilal (2025) Factors in determining information systems development methodologies: a systematic literature review. Sohar University Journal of Sustainable Business(SUJSB), 1 (1). pp. 27-41. E-ISSN 3007-5572*

*Zainal Azmi, Nurazlin and Liem, Thomas Shiaw Hong (2025) Design and development of a cost effective WebVR commerce system prototype. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 60-66. E-ISSN 2462-229X*

**KICT PUBLISHING**

ISSN 3083-9904