

KICT NEWSLETTER

ISSUES 03, APRIL 2025



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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 Kulliyah 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

Kulliyah of Information and Communication Technology (KICT)

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Motivational Quote

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

Achievements and Recognitions



Congratulations
on your promotion

**Assoc. Prof. Dr.
Nurul Nuha
Abdul Molok**



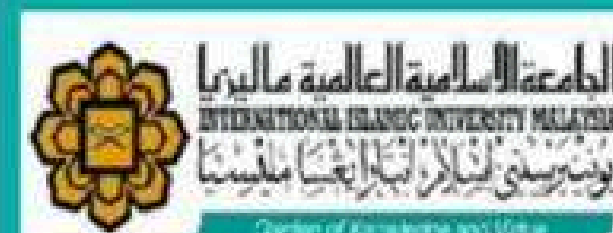
From us at
Kulliyyah of Information & Communication Technology



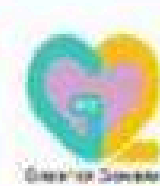
LEADING THE WAY
KHAUFIAH - AMANAH - IGBA' - RAHMATAN UL-ALAMIN



AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY



LEADING THE WAY
LEADING THE WORLD
KHAUFIAH - AMANAH - IGBA' - RAHMATAN UL-ALAMIN



INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

Welcome to KICT

**Sr. Noraini Natasha
Binti Mohd Nor Azmi**

Assistant Administrative Officer
DDPGRI Office



From:
Kulliyyah of Information & Communication Technology



Achievements and Recognitions





AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY

الْحَمْدُ لِلَّهِ

Congratulations

for completing the
Sponsored Project (International)

Title

Quran and Scientific Research

Team Members

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

Total
RM10,000



Prof. Datin Dr. Roslina Othman





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الْحَمْدُ لِلَّهِ

Congratulations

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

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



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



Achievements and Recognitions



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CONGRATULATIONS

On
Proposal Defense



H M IKRAM KAYS
(G2236373)

- Master of Computer Science and Information Technology
- Answering Skyline Queries Over Large Scale and Uncertain Graph Database Using Machine Learning
- Date Presentation: 26/2/2025 (Wednesday)



Supervisor: Asst. Prof. Dr. Raini Hassan
Co-Supervisor: Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
Chairman: Prof. Emeritus Dato' Ts. Dr. Tengku Mohd Tengku Sembok
Examiner 1: : Asst. Prof. Dr. Nurul Liyana Binti Mohamad Zulkufli
Examiner 2: : Asst. Prof. Dr. Ahsiah Ismail



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On
Proposal Defense



ROMA FAYAZ (G2113232)

- Doctor of Philosophy in Computer Science and Information Technology
- Multimodal Social Media Event Classification Using Attention-Based Feature Fusion and Meta-Learning Ensembles
- Date Presentation: 3/3/2025 (Monday)



Supervisor: Asst. Prof. Dr. Sharyar Wani
Co-Supervisor: Assoc. Prof. Dr. Adamu Abubakar Ibrahim
Co-Supervisor 2: Asst. Prof. Dr. Ahsiah Ismail
Chairman: Assoc.Prof. Dr. Amelia Ritahani binti Ismail
Chairman: Asst. Prof. Ts. Dr. Mohd Izzuddin bin Mohd Tamrin
Examiner 1: Prof. Emeritus Dato' Ts. Dr. Tengku Mohd Tengku Sembok
Examiner 2: Asst. Prof. Dr. Nurul Liyana Binti Mohamad Zulkufli



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On
Proposal Defense



SAID SAIDA OMAR (G2327058)


- Doctor of Philosophy (Computer Science and Information Technology)
- Machine Learning Algorithm for Predicting Diabetes Individuals Age from 0-6
- Date Presentation: 17/3/2025 (Monday)




Supervisor: Asst. Prof. Dr. Nurul Liyana binti Mohamad Zulkufli
Co-Supervisor: Asst. Prof. Dr. Asmarani binti Ahmad Puzi
Chairman: Prof. Dr. Asadullah Shah
Chairman: Prof. Emeritus. Dato'. Dr. Tengku Mohd bin Tengku Sembok
Examiner 1: Asst. Prof. Dr. Amir' Aatief bin Amir Hussin
Examiner 2: Asst. Prof. Dr. Suriani binti Sulaiman



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CONGRATULATIONS

On
Proposal Defense




HASAN KHAIR (G2317113)

- Master of Computer Science and Information Technology
- Skyline Queries Over Large Scale and Incomplete Graphs Using Machine Learning
- Date Presentation: 21/3/2025 (Friday)



Supervisor: Asst. Prof. Dr. Raini Hassan
Co-Supervisor: Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
Chairman: Prof. Emeritus. Dato'. Dr. Tengku Mohd bin Tengku Sembok
Examiner 1: Asst. Prof. Dr. Amir' Aatief bin Amir Hussin
Examiner 2: Asst. Prof. Dr. Ahsiah Ismail



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Achievements and Recognitions



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CONGRATULATIONS

On
Dissertation
presentation



NAZIRAH BINTI ZAINUL ABDIN
(G2215068)

- Master of Library and Information Science
- User Requirements Analysis for Information Visualization in Library Resources Discovery
- Date Presentation: 10/3/2025 (Monday)



12:40 PM | dom-proji-pcw

Supervisor: Asst. Prof. Dr. Sharifah Nur Amirah Sarif Abdullah
Examiner 1: Asst. Prof. Dr. Sharifah Nur Amirah Sarif Abdullah
Examiner 2: Asst. Prof. Ts. Dr. Muhamad Sadry Abu Seman

PASS WITH MINOR

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CONGRATULATIONS

On
Dissertation
presentation



SADDAM HUSSEIN BIN ABDUL KADIR
(G2219727)

- Master in Protective Security Management
- Cybersecurity Awareness Amongst Military Personnel Influencing Factors and Strategies
- Date Presentation: 5/3/2025 (Wednesday)



3:00 PM | bng-qhe-cpp

Supervisor: Asst. Prof. Dr. Nurul Nuha Abdul Molok
Examiner 1: Asst. Prof. Dr. Nurul Nuha Abdul Molok
Examiner 2: Asst. Prof. Dr. Shuhaili Talib

PASS WITH EXCELLENCE

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Activity





الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
وَبَشِّرِ الصَّالِحِينَ الَّذِينَ إِذَا أَتَاهُم مَّا مَلَكَتْ أَيْدِيهِمْ مِنْ فَتْمَةٍ مَوْلَاةٍ إِذَا نَكَحُوا فَلَهُنَّ كَمَا لَكُمْ إِذَا نَكَحْتُمُ الْمُؤْمِنَاتِ لَا مَعْصِيَةُ لَكُمُ الشَّيْطَانِ

Garden of Knowledge and Virtue

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KHALIFAH - AMANAH - YAKIN - RAHMATAN LIL ALAMIN
LEADING THE WORLD



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KICT GOTONG ROYONG

1/2025

"LET'S INSPECT"

DATE : 21st FEBRUARY 2025
DAY : FRIDAY
TIME : 9.30 AM - 12.30 PM
(ALL CLASSROOM 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 !



Special thanks to everyone involved!

THANK YOU FOR MAKING IGIIDEATION 2025 A SUCCESS

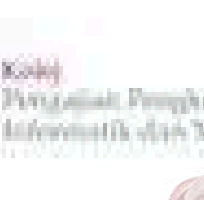
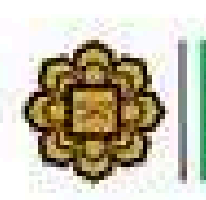
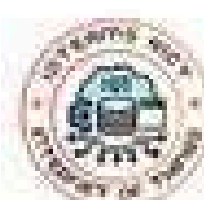
IGIDEATION 2025 COMMITTEE

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- 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
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- Ir. Ts. Dr. Krishnan Subramaniam
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- Dr. Noor Azura Zakaria

- Muhammad Hafiz Faruqi bin Md Saifuddin
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- 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 Amerolazum

- Nur Alia Alina binti Abdul Rahman
- Nur Fatnin Izzati binti Sidik
- Nur Adila binti Ahmad Faizul
- Nur Faizah binti Omar
- Farah binti Mazlan
- Ahmad Azim Khushairi bin Anuar
- Nik Nor Muhammad Saifudin bin Nik Mohd Kamal
- Muhammad Haziq Zulhazmi bin Hairul Nizam
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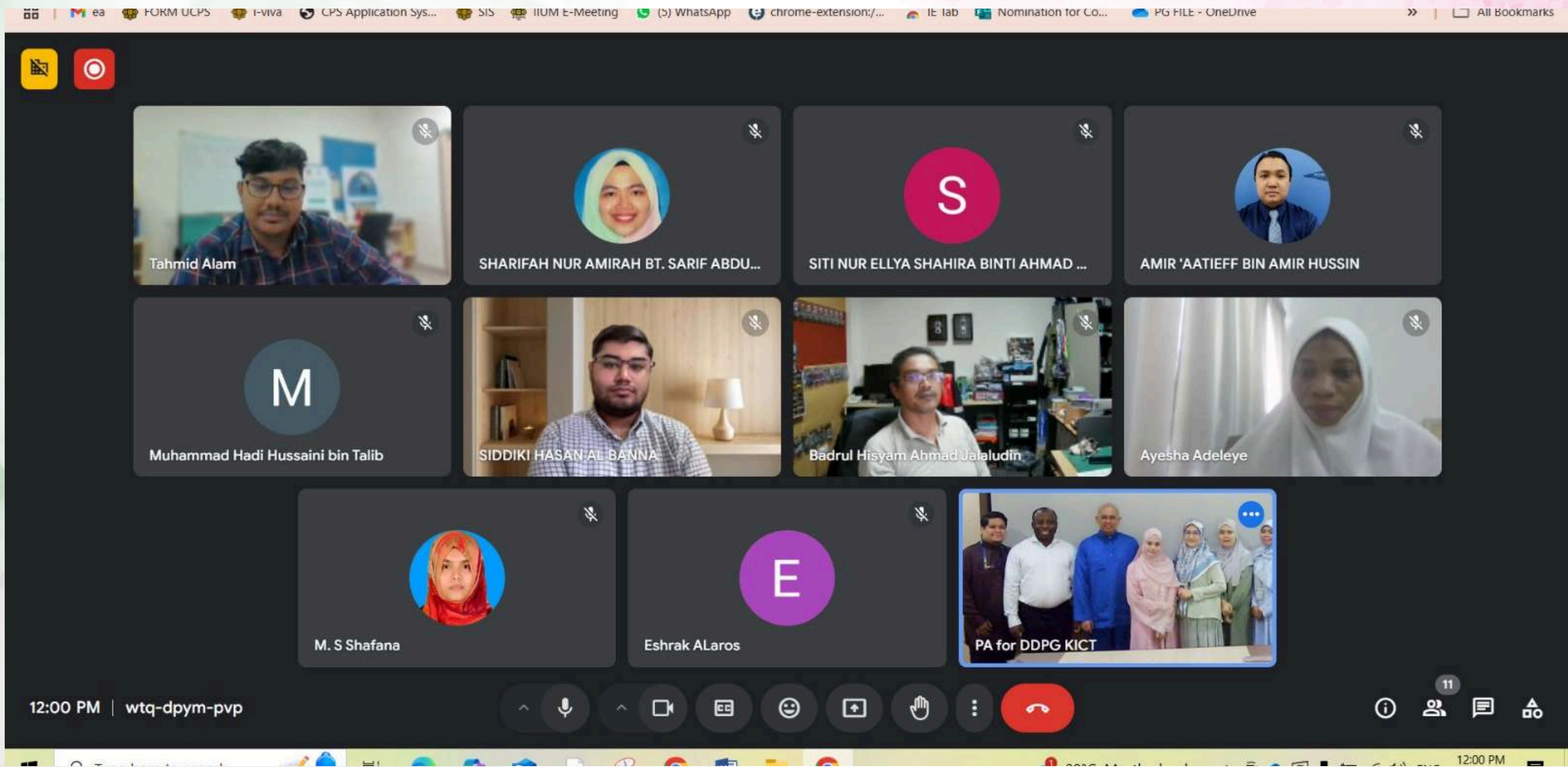
Collaboration Partners:





Activity

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



Talk/Seminar

MEET AND GREET WITH RESEARCH DATA ALLIANCE (RDA)

March 10, 2025 (Monday)

10:00 a.m. to 12:00 noon

IIUM Student Lounge, Level 2, Dar al-Hikmah Library

MS. TRISH RADOTIC

THE RESEARCH DATA ALLIANCE (RDA) REGIONAL
COMMUNITY MANAGER FOR OCEANIA AND EAST ASIA

Registration link : <https://tinyurl.com/2edy6pyu>

Organized by Semantic Body of Knowledge and Technology Research Unit,
in collaboration with the Office of Deputy Rector (Research, Innovation and Development), IIUM Dar al-Hikmah Library
and Office of Responsible Research and Innovation, Kuliyah of ICT



INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

RESEARCH, PUBLICATION AND INNOVATION SKILLS

BRIEFING SESSION WITH TECHNICAL TRANSFER OFFICE (TTO) FOR STARTUP

SPEAKER



DATE/DAY
26 March 2025/Wednesday

TIME
2:00 P.M - 4:30 P.M

VENUE
VIP LOUNGE, LEVEL 5, KICT

Assoc. Prof. Ts. Dr. Mohd Hafiz Arzmi
Deputy Director, Technology Transfer Office Unit
Research Management Centre

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OFFICE OF RESPONSIBLE RESEARCH AND INNOVATION



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11 APRIL 2025/FRIDAY | 11:00 A.M - 12.15 P.M
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Organized by FYP Coordinator Department of Computer Science and Department of Information Systems, KICT
and in Collaboration with Office of Responsible Research and Innovation, KICT

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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 Mahmud 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

Mahmud 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 Naquiuddin 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 \mathbb{R}^3 . In: The 7th International Conference on Multidiscipline Approaches for Sustainable Rural Development (ICMA SURE 2024), 26-27 September 2024, Purwokerto, Indonesia.

Hassan, Md Tanvir and Basri, Atikah Balqis and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmud 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

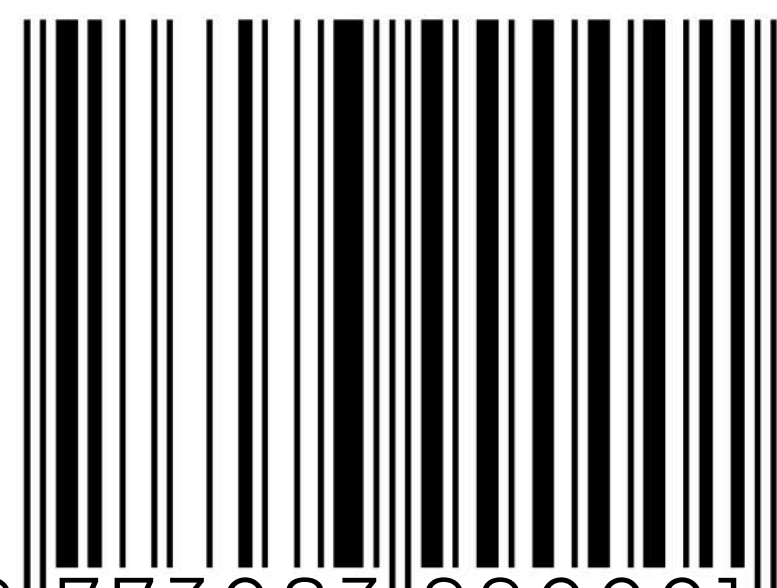
Mohd Mohadis, Hazwani and Kamal-Ludin, Afifi Syahmi and Nordin, Mohd Norhazmi (2025) BiologAR: an interactive augmented reality application for learning biology in secondary schools in Malaysia. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 9-15. E-ISSN 2462-229X

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

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