

KICT NEWSLETTER

ISSUES 04, MAY 2025



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MOTIVATIONAL QUOTE

The Prophet Muhammad
(peace be upon him) said:
"There are three things that destroy a
person: arrogance, greed, and envy."
(Sahih Al-Bukhari)

Message from the Editors

Dear Readers,

We are pleased to present the fourth 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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Welcome TO KICT



INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

Welcome to KICT

**Asst. Prof. Dr. Shakiroh
binti Khamis**

Dept. of Information System



From:
Kulliyyah of Information & Communication Technology

Congratulations for Securing Sponsored Project (International)



AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY

الْحَمْدُ لِلَّهِ
Congratulations
FOR SECURING THE
SPONSORED PROJECT (INTERNATIONAL) (SPI)

ASSOC. PROF. DR. NURUL NUHA ABDUL MOLOK



PROJECT TITLE:
DEVELOPING MALAYSIA'S CYBER THREAT INTELLIGENCE CAPABILITY

CO-RESEARCHER (S):
ASST. PROF. TS. DR. NOOR HAYANI ABD RAHIM
ASST. PROF. DR. SHUHAILI TALIB
ASSOC. PROF. TS. DR. ZAHIDAH ZULKIFLI
DATO' PROF. DR. NORBIK BASHAH IDRIS

AMOUNT RECEIVED:
RM105,000

FUNDER:
DEPARTMENT OF FOREIGN AFFAIRS AND TRADE, AUSTRALIA

OFFICE OF RESPONSIBLE RESEARCH AND INNOVATION

Achievements and Recognitions

Congratulations for Completing Proposal Defense/Viva Voce

CONGRATULATIONS
On Your
Proposal Defense

TAHMIDA HAQUE SUMBULA
(G2226036)

- Master of Computer Science and Information Technology
- Authorship Discrimination Model Using Stylometric Text Features and Ensemble Learning Approach
- Date Presentation: 7/4/2025 (Monday)

Supervisor: Asst. Prof. Dr. Suriani binti Sulaiman
Co-Supervisor: Assoc. Prof. Dr. Adlina binti Ariffin
Chairman: Assoc. Prof. Ts. Dr. Amelia Ritahani
Examiner 1: Asst. Prof. Dr. Sharyar Wani
Examiner 2: Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani

Office of Postgraduate & Responsible Research & Innovation Kuliyah of Information & Communication Technology
OFFICE OF DDPGR, KICT | CONNECT - ENGAGE - SERVE

Congratulations
ON YOUR PROPOSAL DEFENSE

AIN SHAHEADA BINTI ABDUL RAHIM DAPIT (G2324248)

- Master of Computer Science and Information Technology
- An Affective Brain Computer Interface Model For Stress Intervention
- Date Presentation: 22/4/2025 (Tuesday)

Supervisor: Asst. Prof. Dr. Marini Othman
Co-Supervisor 1: Asst. Prof. Dr. Muna Azuddin
Proposal Defense Committees
Chairman: Prof. Dr. Abdul Wahab bin Abdul Rahman
Examiner 1: Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
Examiner 2: Assoc. Prof. Ts. Dr. Hamwira Sakti Yaacob

"May your path ahead be lined with success, continuous growth, and countless opportunities."

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Congratulations
ON YOUR PROPOSAL DEFENSE

AINUL AZMIN BIN A HAMID
(G1822975)

- Doctor of Philosophy in Computer Science and Information Technology
- Investigating Human Factors Issues with Modified UTAUT Model with Regards to Software Developers Involvement in Software Testing Process
- Date Presentation: 5 May 2025 (Monday)

Supervisor: Prof. Dr. Murni Mahmud
Co-Supervisor 1: Asst. Prof. Ts. Dr. Hayani
Co-Supervisor 2: Asst. Prof. Dr. Shuhaili
Proposal Defense Committees
Chairman: Prof. Dr. Emeritus Dato' Ts. Dr. Tengku Mohd bin Tengku Sembok
Examiner 1: Assoc. Prof. Dr. Norsaremah binti Salleh
Examiner 2: Asst. Prof. Ts. Dr. Muhamad Sadry Abu Seman

"May your path ahead be lined with success, continuous growth, and countless opportunities."

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Congratulations
on Conquering Your
Viva Voce!

MUHAMMAD ASYRAF BIN RODZOAN
Doctor of Philosophy Information Technology (G1819467)

"An Analysis of the Factors of Business Process Management in FELCRA Berhad by Using Technology Adoption Model"

Wednesday, 26 March, 2025

DOCTORAL EXAMINATION COMMITTEE (DEC)

- Chairperson: Prof. Dr. Amir Akramin Bin Shafie
- Secretariat: Nur Damia Qistina Berahim
- External Examiner 2: Prof. Dr. Abd. Samad Bin Hasan Basari
- Internal Examiner: Prof. Dr. Abd. Rahman Bin Ahlan
- Kuliyah Representative: Assoc. Prof. Dr. Adamu Abubakar Ibrahim
- Main Supervisor: Prof. Dr. Asadullah Shah
- Co-Supervisor: Dr. Najhan Bin Muhamad Ibrahim
- Chairman: Prof. Dato' Dr. Mohamad Fauzan Bin Noordin (Absent with Apology)

Wishing you a bright future filled with success, growth, and endless opportunities.

Office of Postgraduate & Responsible Research & Innovation Kuliyah of Information & Communication Technology
OFFICE OF DDPGR, KICT | CONNECT - ENGAGE - SERVE

Congratulations
on Accomplishing Your
Viva Voce! (PTEM)

MUHAMAD ALIFF IMRAN BIN DAUD
Master in Computer Science and Information Technology (G2224525)

"COMPUTATIONAL MODEL FOR QUANTIFYING SPASTICITY LEVEL OF NEUROLOGICAL DISORDER PATIENTS."

Tuesday, 29 April 2025

POST THESIS EVALUATION MEETING COMMITTEE (PTEM):

- Chairperson: Asst. Prof. Ts. Dr. Hafizah Binti Mansor
- Academic Secretariat: Noraini Natasha Binti Mohd Nor Azmi
- External Examiner: Assoc. Prof. Ts. Dr. Mohd Ibrahim Bin Shapiai @ Abd. Razak
- Internal Examiner: Ts. Dr. Dini Oktarina Dwi Handayani
- Kuliyah Representative: Asst. Prof. Dr. Nor Azura Binti Kamarulzaman
- Main Supervisor: Dr. Asmarani Binti Ahmad Puzi
- Co-Supervisor: Prof. Dr. Shahul Na'im Bin Sidek

May your journey ahead be filled with success, growth, and endless possibilities.

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Benchmarking Visit MJIT



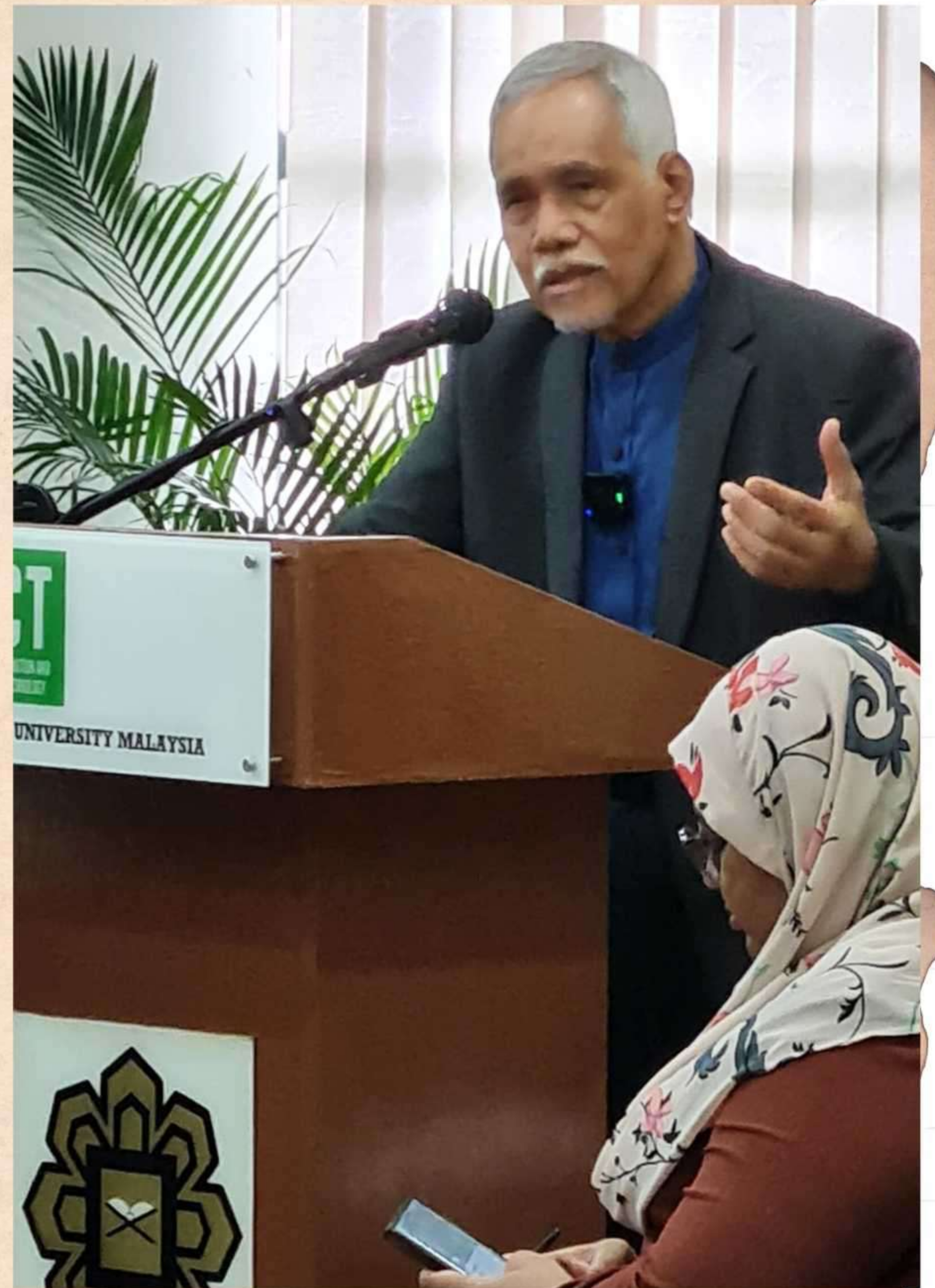
Capture The Flag (CTF) competition



Strategic Thinking for Cyber Resilience Training Program



Activity



Activity



Invitation to
KICT
Eidul Fitr 1446
Celebration

DATE : 18/4/2025 (FRIDAY)
TIME : 8.00AM - 5.00PM
VENUE : KICT MULTIPURPOSE HALL
DRESSCODE : RAYA ATTIRE
*WITH TRADITIONAL CLASSIC ACCESSORIES



Talk/seminar

Islamisation Intellectual Discourse

Quantum Technology and Ummatic Excellence

Emeritus Prof. Dato' Dr. Mohamed Ridza Wahiddin FASc

Prof. Ts. Dr. Abd. Rahman Bin Ahlan

Date ; Monday 14 April 2025
Time : 11:30 am to 1.00 pm
Venue : VIP Lounge, KICT, Level 5 & MS Team

JOIN US



DLIS Industrial Talk Series, Semester 2, 2024/2025

05 MAY 2025 || DLIS PG LAB 5 ||
11.00 AM - 12.30 PM

Understanding the Differences between Codicology, Paleography, and Philology in Malay Manuscripts

Guest Speaker
DR. HJ. WAN ALI WAN MAMAT

Organised by:
 Department of Library and Information Science,
 LISC 7072 Management of Islamic Manuscripts

CPS UNIFIED RESEARCH METHODOLOGY SHARING SERIES

PROFESSOR DR. ABDUL WAHAB BIN ABDUL RAHMAN
 Kuliyah of Information and Communication Technology
 International Islamic University Malaysia

A.I - DRIVEN RESEARCH: HOW GENERATIVE TOOLS ARE CHANGING THE GAME

21 APR 2025 (MONDAY) | 2.30 - 3.45 PM | ONLINE

SCAN HERE !

<https://bit.ly/CPS-URM-Session12>

ARTIFICIAL GENERAL INTELLIGENCE (AGI) PREPAREDNESS FOR ASEAN: AI RISKS, GOVERNANCE, EMERGING OPPORTUNITIES AND ROLE OF UNIVERSITIES

DATE
 Monday, 28 April 2025

TIME
 11.00 AM - 12.45 PM

MODE
 Hybrid

VENUE
 Senate Hall, IIUM

YOUTUBE
 ITD IIUM Official

SPEAKER
 Mr. Tzu Kit Chan

MODERATOR
 Prof. Dato' Dr. Norbik Bashah Idris

Attendance:

Participants in Senate Hall:
 30 Staff
 70 Students
 STAR Points and CTD Points are available

Organisers:

(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

Bahjat Arif, Sarajaldeen Akram and Wani, Sharyar (2025) The implications for a hybrid detection technique against malicious sql attacks on web applications. Journal of Information Systems Engineering and Management, 10 (35s). pp. 1101-1109. E-ISSN 2468-4376

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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

Hussain, Mohammad Khalid and Wani, Sharyar and Ibrahim, Adamu Abubakar (2025) Examining mortality risk prediction using machine learning in heart failure patients. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 81-87. E-ISSN 2462-229X

Ismail, Amelia Ritahani and Azhary, Muhammad Zulhazmi Rafiqi and Hitam, Nor Azizah (2025) Evaluating Adan vs. Adam: an analysis of optimizer performance in deep learning. In: International Symposium on Intelligent Computing Systems, November 6-7, 2024, Sharjah, United Arab Emirates, November 6-7, 2024, Proceedings Conference proceedings.

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 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

Tanjim, MST Mobasshira Sadia and Moinuddin, Suhaina and Ismail, Amelia Ritahani (2025) A study on the classification of brain MRI images for brain tumor detection. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (1). pp. 154-161. E-ISSN 2462-229X

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

Hassan, Mohd Khairul Azmi and Amir Hussin, Amir 'Aatieff and Muhamad Ibrahim, Najhan and Mokhtar, Rahmah and Ahmad Uzir, Nora'ayu and Mat Nayan, Norshita (2025) Building resilient food systems: integrating ontologies in Sejahtera-Souq for IIUM's sustainable marketplace. Journal of Information System and Technology Management (JISTM), 10 (38). pp. 340-350. E-ISSN 0128-1666

Ismail Isa, Ibrahim and Md Nor, Nor Saadah and Sarif Abdullah, Sharifah Nur Amirah and Shah, Asadullah (2025) Optimizing digital reference services utilization: a comparative study of two university libraries in Nigeria and Malaysia. Open Access Library Journal, 12. pp. 1-14. ISSN 2333-9705 E-ISSN 2333-9721

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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

Okfalisa, Okfalisa and Suliandri, Pramulia and Alwesabi, Ola A. and Tassuov, Bolat and Saule, Raimbayeva and Kurdyukov, Vitaliy and Zulkifli, Zahidah and Handayani, Lestari (2025) Clustering the addiction levels of drug users using fuzzy c-mean. Indonesian Journal of Electrical Engineering and Informatics, 13 (1). pp. 226-238. ISSN 2089-3272

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

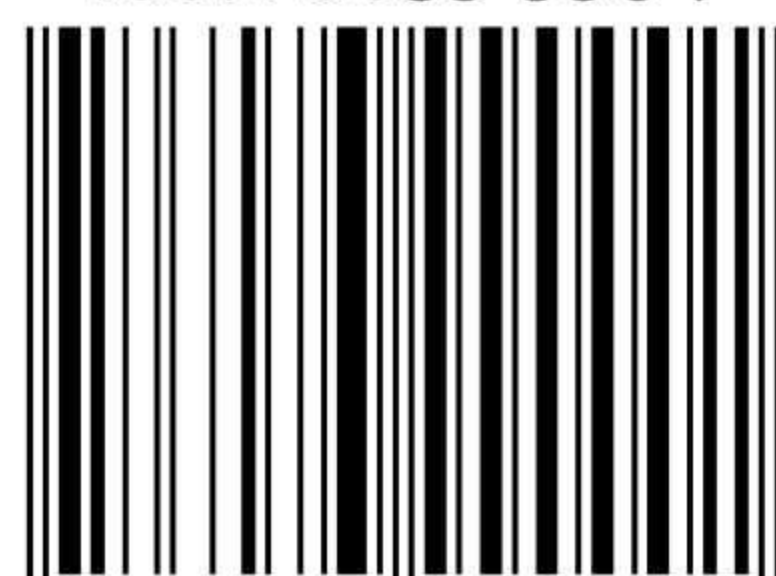
Wan Mohamad, Wan Azlena and Abd Rahim, Noor Hayani and Abdul Molok, Nurul Nuha (2025) Leadership commitment: a key factor in implementation of event-based cybersecurity risk assessment. Malaysian Journal of Social Sciences and Humanities (MJSSH), 10 (4). pp. 1-17. E-ISSN 2504-8562

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

Ismail Isa, Ibrahim and Md Nor, Nor Saadah and Sarif Abdullah, Sharifah Nur Amirah and Shah, Asadullah (2025) Optimizing digital reference services utilization: a comparative study of two university libraries in Nigeria and Malaysia. Open Access Library Journal, 12. pp. 1-14. ISSN 2333-9705 E-ISSN 2333-9721

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