KICT NEWSLETTER

KICT NEWSLETTER

EDITORIAL BOARD MEMBERS

ADVISOR:
Prof. Dr. Norsaremah Salleh

CHIEF EDITOR:
Asst. Prof. Dr. Noor Azura Zakaria

EDITORS:
Asst. Prof. Ts. Dr. Hafizah Mansor
Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
Asst. Prof. Dr. Elin Eliana Abdul Rahim
Asst. Prof. Dr. Atikah Balqis Basri
Asst. Prof. Dr. Nor Saadah Md Nor

DESIGNER
Sr. Nurlaili Sanadi

Message from the Editors

Dear Readers,

We are pleased to present the sixth 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)

Motivational Quote

A believer does not allow himself to be stung twice from one (and the same) hole.
-Muslim-

Table of Contents

Appreciation Gathering Br. Jamaludin Ibrahim

Farewell, Br. Jamal — your warmth, wisdom, and presence will be deeply missed. Wishing you happiness, good health, and success in your journey forward.
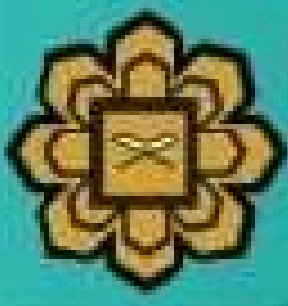
-DIS, KICT-
20 June 2025

Research & Innovation Appreciation Day

KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
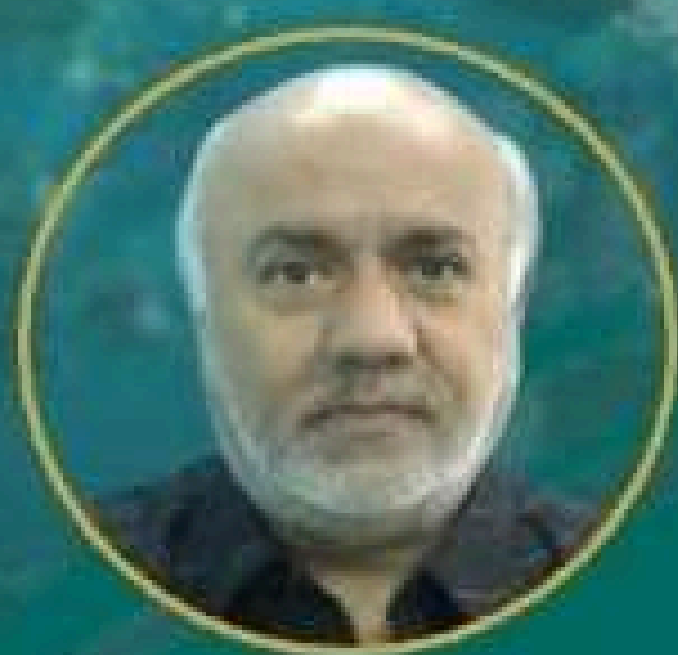
PROF. DATIN DR. ROSLINA OTHMAN

ASST. PROF. DR. NOOR AZURA ZAKARIA

PROF. DR. AKRAM M Z M KHEDHER

PROF. DR. ASADULLAH SHAH

ASST. PROF. DR. SHUHAILI TALIB

PROF. DR. AMELIA RITAHANI ISMAIL

Congratulations

ASST. PROF. DR. AZHAR ZUHD
BIN SADIN (KICT)
(CO-RESEARCHER)

ASST. PROF. DR. NOOR AZURA
BINTI ZAKARIA (KICT)
PROJECT LEADER

PROF. DR. AKRAM M Z N KHEDHER
(KICT)
(CO-RESEACHER)

FOR BEING AWARDED A GRANT OF

SPONSORED RESEARCH PROJECT (UNIVERSITY)

PROJECT TITLE:

AI AND HIKMAH

FUNDING FROM:

CENTRE FOR ISLAMISATION (CENTRIS), IIUM

RM 10,000.00

FOR THIS ACHIEVEMENT, THE RESEARCHER IS
AWARDED FOR MYRA
(C2A) UNIVERSITY FUNDS
RECEIVED 0.0046
- EQUIVALENT TO 2.190 INDEXED JOURNAL

RESEARCH MANAGEMENT CENTRE

ٱلْحَمْدُ لِلَّٰه

Congratulations

for completing the
Sponsored Project(International)

Assoc. Prof. Dr. Nurul Nuha Abdul Molok

Title
Information Security Risk Management

Total
RM10,000

Office of Research

Congratulations
on your Promotion

&

Appreciation for your invaluable contributions
May success be with you always

Mdm. Zenita Arryani Tiyunin
Thank you for your enormous contributions, excellent
leadership and outstanding achievements.

From:
Kulliyyah of Information & Communication Technology

Activity

Educational Visit by Sekolah Menengah Sains Bagan Datoh

Publication

1. Basri, Atikah Balqis and Hasan, Md Tanvir and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmod Attar Bashi, Zainab Senan and Mohamed, Norhafana (2025) _Analyzing cloud size using weather radar data for improved flood disaster prediction._ Journal of Information Systems Engineering and Management, 10 (47s). pp. 809-815. E-ISSN 2468-4376

2. Ismail, Ahsiah and Ismail, Amelia Ritahani and Mohd Ara, Muhammad Afiq and Ahmad Puzi, Asmarani and Awang, Suryanti (2025) _Vision-based vehicle classification using deep learning model._ International Journal of Advanced Computer Science and Applications, 16 (6). pp. 567-573. ISSN 2156-5570

3. Silabdi, Hana and Hassan, Raini and Faizabadi, Ahmed Rimaz and Gubbi, Abdullah and Bellary, Mohammed Zakir and M, Afsar Baig (2025) _Leveraging EEG and Signal-to-Noise Ratio augmentation for advanced stress detection._ In: 2025 4th International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), 25 - 26 April 2025, Ballari.

4. Abdullahi, Husein Osman and Mahmud, Murni and Abdul Rahim, Elin Eliana (2025) _Mobile technology in agriculture: a systematic literature review of emerging trends and future research directions._ Ingénierie des Systèmes d'Information, 30 (2). pp. 307-315. ISSN 1633-1311 E-ISSN 2116-7125.

5. Basri, Atikah Balqis and Hasan, Md Tanvir and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmod Attar Bashi, Zainab Senan and Mohamed, Norhafana (2025) _Analyzing cloud size using weather radar data for improved flood disaster prediction._ Journal of Information Systems Engineering and Management, 10 (47s). pp. 809-815. E-ISSN 2468-4376

6. Mahmud, Murni and Samsuri, Suhaila and Alias, Intan Aidura and Abdul Hamid, Siti Suhaila and Zannat, Nahreen (2025) _Mindfulness for teenagers students: designing an effective Islamic digital therapeutics through adult insights._ International Journal on Islamic Applications in Computer Science And Technology, 13 (1). pp. 8-29. ISSN 2289-4012

7. Zainal Azmi, Nurazlin (2025) _Outcome-Based Education Series # 4 - Understanding and applying the Table of Specification (ToS)._ KICT Newsletter. p. 1. E-ISSN 3083-9904.

8. Ahmad Nawawi, Nur Syahirah and Sarif Abdullah, Sharifah Nur Amirah (2025) _Understanding FRBR-based information visualisation of the wizarding world of Harry Potter._ International Journal of Creative Multimedia, 6 (1). pp. 20-31. E-ISSN 2716 6333.

Copyright

1. Title:
   Development of a Harmful Algal Blooms (HAB): A Strategic Framework for Environmental Aquaculture Monitoring.

   Inventor and co-inventor:
   - Asst. Prof. Dr. Ts. Ahmad Anwar Bin Zainuddin
   - Asst. Prof. Dr. Amir 'Aatieff Bin Amir Hussin
   - Assoc. Prof. Dr. Normawaty Mohammad Noor
   - Roziawati binti Mohd Razali
   - Dr. Mohd Nor Azman bin Ayub
   - Muhammad Farouk bin Harman

2. Title:
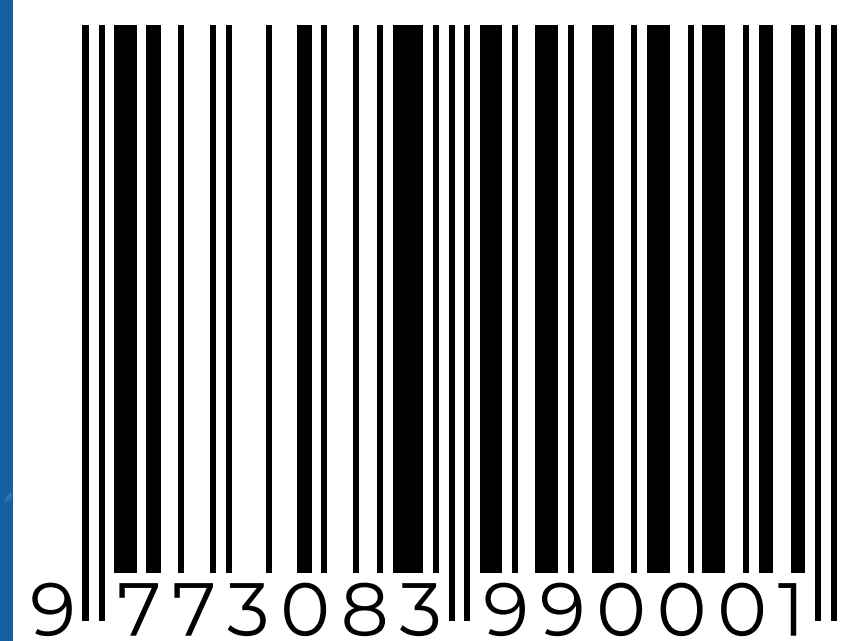   Blockchain-based Model for Deep Packet Inspection System

   Inventor and co-inventor:
   - Assoc. Prof. Dr. Adamu Abu Bakar Ibrahim

3. Title:
   Boicott: A Mobile Application for Distinguishing Israeli Products, Enhanced by a Retrieval-Augmented Generation (RAG) Chatbot

   Inventor and co-inventor:
   - Asst. Prof. Dr. Ts. Ahmad Anwar Bin Zainuddin.
   - Muhammad Hakim Bin Md Nazri
   - Mohamad Fadzwan Ashriq Bin Zainurul Hakim

4. Title:
   International Grand Invention, Innovation and Design Expo (IGIIDeation) 2025
   Inventor and co-inventor:

   - Asst. Prof. Dr. Ts. Ahmad Anwar Bin Zainuddin.
   - Asst. Prof. Dr. Amir 'Aatieff Bin Amir Hussin
   - Asst. Prof. Dr. Asmarani Binti Ahmad Puzi
   - Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
   - Asst. Prof. Dr. Mohd Khairul Azmi Bin Hassan
   - Asst. Prof. Dr. Noor Azura Binti Zakaria
   - Nur Nisa Humairah Binti Rosdi
   - Nur Zafirah Adira Binti Ahmadzama ni

   Title:
5. Pantang.com: An Online Marketplace for Confinement Services

   Inventor and co-inventor:
   - Asst. Prof. Dr. Hazwani Mohadis
   - Atiqah Aini binti Supean
   - Aina Mardhiah Binti Ahmad Badrin

9 773083 990001