









# KICT NEWSLE

ISSUES NO. 11/2024

NOVEMBER 2024

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## MOTIVATIONAL QUOTE

"And speak gently to people and do not be harsh or coarse in your speech." (Luqman, 31:17)











#### INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY



# REFLECTION

### INTERNATIONAL CONFERENCE COLLABORATION BETWEEN KICT AND INDONESIAN UNIVERSITY

The recent collaborative international conference between the Kulliyyah of Information and Communication Technology (KICT) at the International Islamic University Malaysia (IIUM) and Universitas Raharja indicated a significant milestone in research collaboration and knowledge exchange. Two distinct conferences were held, resulting in different publication outputs. The conferences are the 3rd International Conference on Creative Communication and Innovative Technology (ICCIT) and the 3rd International Interdisciplinary Conference on Research & Opportunities (IICRO).

Nearly 200 papers were selected for these conferences, featuring authors from countries including Indonesia, England, Pakistan, Singapore, Malaysia, the Philippines, New Zealand, the USA, India, Estonia, France, Taiwan, Finland, China, Australia, Canada, the United Arab Emirates, and Germany. The commitment and contributions of the co-hosts were vital in ensuring the success of this event.

The co-host included Universitas Kristen Satya Wacana, Universitas Pelita Harapan, Universitas Semarang, Universitas Esa Unggul, ISB Atma Luhur, Universitas Ichsan Satya, Universitas Muhammadiyah Jakarta, Universitas Bina Bangsa and Universitas Catur Insan Cendekia. This event not only brought together esteemed scholars and industry professionals but also promoted a strong networking platform for knowledge sharing and research purposes. Not only were there conferences, but several activities were also conducted in conjunction with the event, such as workshops, a postgraduate colloquium, a student exchange program, a gala dinner and cultural exchange, and a tour.



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#### INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

## Conference as A Platform for Knowledge Sharing

The conference featured a variety of keynote speeches and research presentations related to the theme: "Fostering Sustainable Digital Transformation through Technological Innovation." Keynote speakers from Taiwan, India, Indonesia, and Australia shared their insights.

The conference included five tracks covering a wide range of topics, with nearly 200 scholars presenting their papers both physically and virtually. The scholars shared their findings, enriching intellectual discussions and exploring potential academic and research collaboration.





### **Interactive Workshops**

In addition to the main conference sessions, several workshops were conducted, participants to gain practical skills in brain analytics, computational intelligence and empirical evidence. Notable workshops included "Introduction to QEEG and Neurofeedback", which explored the intersection of neuroscience and artificial intelligence, "A Beginner's Guide to LLMs with Python", focusing on the latest advancements in natural language processing, and "Systematic Literature Review (SLR) and Writing in Top Journal", which provided practical insights on conducting comprehensive literature reviews in research. Trainers included experienced practitioners and researchers from KICT, IIUM who shared their expertise, ensuring that attendees left with respective knowledge and skills. The participants included both IIUM members and external attendees.



## Postgraduate Colloquium

The postgraduate colloquium provided a platform for postgraduate students to present their research and receive valuable feedback from experts in the field.

This session not only enhanced the academic experience of the students but also encouraged networking and collaboration among emerging scholars from institutions in Malaysia and Indonesia. A total of 13 participants from KICT, IIUM, and external universities took part in this session.











#### INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY



# Gala Dinner and Cultural Exchange

The conference concluded with a gala dinner that celebrated the successful collaboration between the two universities with theme -"Where Tradition Meets Elegance". This elegant event provided a formal setting for networking performances. also featured cultural and Attendees enjoyed a delightful evening with traditional and modern music. In addition to the entertainment, the dinner included a prizing ceremony for the Best Dressed, recognizing participants for their creativity and style. The dinner was a memorable occasion, where participants had the opportunity to reflect on the conference's success while building lasting connections. Additionally, the event featured a special award ceremony recognizing outstanding contributions to the conference.

## **Student Exchange Program**

One of the standout features of the conference was the activity of a student exchange program. This initiative aims to strengthen ties between the universities and provide students with opportunities to experience different academic and cultural environments. Students engaged in cultural exchanges, attended lectures, and participated in collaborative projects, enriching their educational journeys.

Eleven students from IIUM participated in this program, while 15 students from various universities in Indonesia also took part, including Universitas Raharja (UR), Universitas Catur Insan Cendekia (UCIC), and Universitas Ichsan Satya (UIS).

## **Tour of Local Attractions**

As a grand event to the conference, a guided tour of local attractions was organized, allowing participants to explore the vibrant history and culture of Malaysia. The tour included visits to iconic sites such as Batu Caves and Genting Highlands, offering a unique blend of natural beauty and cultural heritage.

This excursion provided an opportunity for informal discussions and further strengthened the relationships formed during the conference. A total of 60 participants took part in the tour, enjoying both the scenic views and the chance to connect outside the formal conference setting.

The collaborative international conference between KICT and the Indonesian university was a success, creating an impactful platform for knowledge exchange, cultural appreciation, and academic and research collaboration. As both institutions look towards the future, they are committed to continuing this partnership, fostering innovation, and advancing research in the ICT domain. The conference not only enriched the academic landscape but also strengthened the bonds between Malaysia and Indonesia, creating the foundation for future collaborations in research and education.



The Messenger of Allah (peace be upon him) says: When a ruler makes ljtihad (strives to form a judgment) and errs, he receives a reward. And if he is correct, he receives ten rewards (Al-Mu'jam Al-Awsat).

عن معاذبن جبل لما بعثه رسول الله صلى الله عليه وسلم إلى اليمن، قال: كيف تقضى إذا عرض لك قضاء؟ قال: أقضى بكتاب الله. قال: فإن لم تجد في كتاب الله؟ قال: فبسنة رسول الله صلى الله عليه وسلم. قال: فإن لم تُجد في سنة رسول الله صلى الله عليه وسلم؟ قال: أجهد رأبي ولا ألو. فضرب رسول الله صلى الله عليه وسلم صدره وقال: الحمد لله الذي وفق رسول رسول الله لما يرضي رسول الله. (سأن أبي داوود).

When the Messenger of Allah (peace be upon him) sent Mu'adh ibn Jabal to Yemen, he asked him: 'How will you judge if a matter comes before you?' Mu'adh replied, 'I will judge by the Book of Allah.' The Prophet then asked, 'And if you do not find it in the Book of Allah?' Mu'adh responded, 'Then by the Sunnah of the Messenger of Allah.' The Prophet further asked, 'And if you do not find it in the Sunnah of the Messenger of Allah?' Mu'adh said, 'I will exert my opinion (Ijtihad) to the best of my ability.' The Prophet then struck his chest and said, 'Praise be to Allah who has guided the messenger of the Messenger of Allah to what pleases the Messenger of Allah. (Sunan Abu Dawood):

Kulliyyah of Information And Communication Technology والمرادية المرادية الم International Islamic University Malaysia



### WEEKLY JOHK TIPS

#### IJTIHAD (INDEPENDENT REASONING) IN THE CLASSROOM

The role of the lecturer during the teaching of the material is to:

- Teach students the importance of basing their judgments on primary sources, starting with the Quran then Sunnah, and only using litihad (personal reasoning) when these sources do not provide a direct answer.
- Equip students with the proper methods for approaching situations that require personal judgment.
- Encourage creativity and innovative thinking, especially when facing modern challenges in Islamic education and life.
- Inspire students to think critically, explore new ideas, and not fear making mistakes during the learning

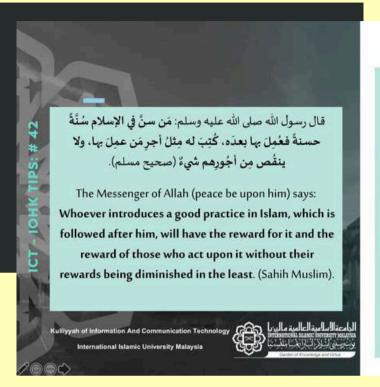
## يقول الله تعالى: إنَّ في خَلُق السَّمَاوَاتِ وَالْأَرْضِ وَاخْتِلَافِ اللَّيْلِ وَالنَّهَارِ لَآيَاتٍ لِّأُولِي الْأَلْبَابِ \* الَّذِينَ يَذْكُرُونَ اللَّهَ قِيَامًا وَقُعُودًا وَعَلَىٰ جُنُوبِهِمْ وَيَتَفَكَّرُونَ فِي خَلْق السَّمَاوَاتِ وَالْأَرْضِ رَبِّنًا مَا خَلَقْتَ هَٰذَا بَاطِلًا سُبْحَانَكَ فَقِنَا عَذَابَ النَّار (آل عمران: Allah Almighty says: Indeed, in the creation of the heavens and the earth and the alternation of the night and the day are signs for those of understanding \* Who remember Allah while standing or sitting or [lying] on their sides and give thought to the creation of the heavens and the earth, [saying], "Our Lord, You did not create this aimlessly; exalted are You [above such a thing]; then protect us from the punishment of the Fire. (Al Imran: 190-191) Kulliyyah of Information And Communication Technology International Islamic University Malaysia

### WEEKLY IOHK TIPS

#### REFLECTION (TAFAKUR) IN EDUCATION

The role of the lecturer during the teaching of the material is to:

- Encourage students to reflect deeply on the verses of the Quran related to the course materials.
- · Help students to apply Tafakkur in their daily lives by observing the world around them and drawing lessons from it.
- Encourage students to ask meaningful questions about the world around them, leading to a deeper understanding of their faith.

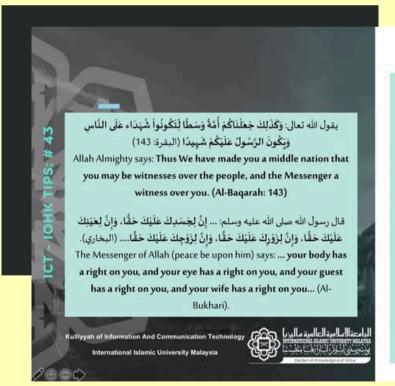


### WEEKLY IOHK TIPS

## PROMOTING POSITIVE INNOVATION (SUNNAH HASANAH) IN EDUCATION

The role of the lecturer during the teaching of the material is to:

- Encourage positive innovation (Sunnah Hasanah)
- · Promote the creation of useful knowledge
- Motivate students to author books, conduct research, or develop tools and inventions that benefit society.
- •Highlight that any beneficial knowledge or innovation students initiate can lead to ongoing rewards.

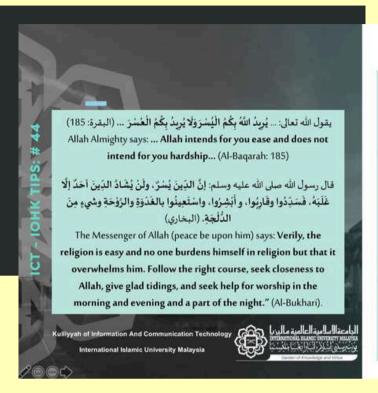


#### WEEKLY IOHK TIPS

## WASATIYYAH (MODERATION) IN EDUCATION

The role of the lecturer during the teaching of the material is to:

- Encourage students to pursue both religious and worldly knowledge in a balanced way, in light of Islamic teachings.
- •Guide students in analyzing issues with moderation, avoiding extremes.
- Demonstrate fairness and moderation in teaching methods.
- •Guide students to maintain a balanced approach in their academic and personal lives
- Encourage students to engage with different viewpoints moderately.

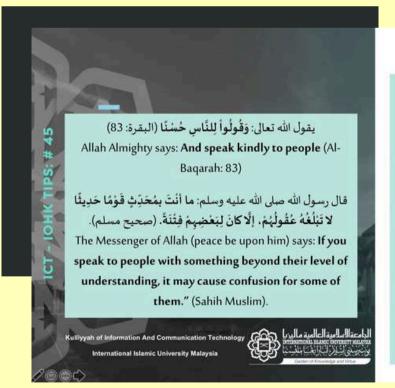


### WEEKLY IOHK TIPS

## PROMOTING EASE AND BALANCE IN EDUCATION

The role of the lecturer during the teaching of the material is to:

- Guide students to avoid extremes and embrace a balanced approach in learning.
- Make learning easy and approachable, helping students to progress at their own pace.
- Help students to choose the most appropriate and feasible option based on wisdom and practicality.
- Remind students to aim for what is achievable and maintain moderation in their efforts.



#### WEEKLY IOHK TIPS

#### CLARITY IN EDUCATION

The role of the lecturer during the teaching of the material is to:

- Use simple, direct language that students can easily understand.
- Match content to student levels and avoid overwhelming or confusing students.
- Create an open space where students feel comfortable asking for clarity.
- Communicate in a respectful and positive manner.

loTeams-Silver Medal in Innovation Bank Challenge, Universiti Sains Islam Malaysia



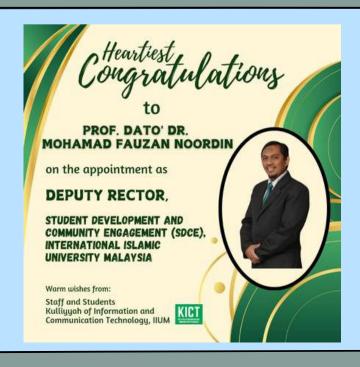
# Congratulations!

IIUM Team – 10th place in Malaysia Data Innovation Talent × DOSM 2024.



## Congratulations!

on the
Appointment as
Deputy Rector
SDCE



Editorial Board of
Journal of
Information
Systems and Digital
Technologies
(JISDT)



## Congratulations!

Prof. Dr.
Asadullah Shah Top 30
Contributors to
IIUM's Research
Performance



Congratulations!

on Completing the Research Project



Asst. Prof. Dr.
Aznan Zuhid
Saidin was invited
as a speaker for
A.I. and U
"When Humanity
Meets AI"



# Congratulations!

Prof. Datuk Dr.
Mohamad fauzan
Noordin was
invited as a
speaker for
Belanjawan 2025:
Pemantapan Al
dan Usahawan
Digital



## Congratulations!

Asst. Prof. Dr.
Saadah Md Nor
was invited as a
speaker for
Seminar Sejarah
Alam Semulajadi
2024



### for completing Computing Project





Congratulations!

2nd Place in Girls in Catch the Flag, REHACK



5th Place in Battle of Hackers



### ACTIVITY

## COEXCYS INDUSTRY COLLABORATION EFFORT WITH PERMODALAN KELANTAN BERHAD (PKB)





### VISITORS FROM UITM PUNCAK PERDANA FOR BENCHMARKING DLIS PROGRAMME





KICT IIUM - MALAYSIA AVIATION GROUP (MALAYSIA AIRLINES, MALAYSIA AIRLINES BERHAD ACADEMY AND GROUP HUMAN CAPITAL) PARTNERSHIP MEETING



### YARSI'S VISIT











### ACTIVITY

### KICT POSTGRADUATE BRIEFING AND TA'ARUF FOR NEW AND CURRENT STUDENTS FOR SEMESTER 1, 2024/2025







## PUBLICATIONS

#### (Submission in IRep for October 2024)

- 1. Awang Abu Bakar, Normi Sham and Yahya, Norzariyah and Nordin, Azlin and Sheikh Abdul Aziz, Madihah (2024) *A preliminary study on timebanking awareness in Malaysia*. Social and Management Research Journal, 21 (2). pp. 37-51. E-ISSN 0128-1089
- 2. Azamuddin, Wan Muhammad Hazwan Azamuddin and Mohd Aman, Azana Hafizah and Sallehuddin, Hasimi and Attarbashi, Zainab and Zhang, Wenhua and Hassan, Suhaidi (2024) *Performance analysis for producer mobility in named data networking*. Journal of Advanced Research in Applied Sciences and Engineering Technology, 58 (1). pp. 252-261. ISSN 2462-1943
- 3. Azharudin, Nur Iman Kamila and Mansor, Hafizah and Sharmin, Shaila (2024) Drowsy Driver Detection System via Facial Recognition and Driving Data. Malaysian Journal of Computing, 9 (2), pp. 1852-1866. E-ISSN 2600-8238
- 4. Daud, Muhamad Aliff Imran and Ahmad Puzi, Asmarani and Sidek, Shahrul Na'imand Abu Hassan, Salmah Anim and Zainuddin, Ahmad Anwar and Mohd Khairuddin, Ismail and Abd Mutalib, Mohd Azri (2024) Mechanomyography in assessing muscle spasticity: a systematic literature review. Journal Of Mechatronics And Intelligent Manufacturing (Mekatronika), 6 (1). pp. 92-103. E-ISSN 2637-0883
- 5. Daud, Muhamad Aliff Imran and Ahmad Puzi, Asmarani and Sidek, Shahrul Na'imand Abu Hassan, Salmah Anim and Zainuddin, Ahmad Anwar and Mohd Khairuddin, Ismail and Abd Mutalib, Mohd Azri (2024) Recent studies of human limbs rehabilitation using mechanomyography signal: a survey. In: Innovative Manufacturing, Mechatronics and Manufacturing Forum 2023 (iM3F 2023), 7th 8th August 2023, Pekan, Pahang, Malaysia.
- 6.Daud, Muhamad Aliff Imran and Ahmad Puzi, Asmarani and Sidek, Shahrul Na'imand Zainuddin, Ahmad Anwar and Mohd Khairuddin, Ismail and Abd Mutalib, Mohd Azri (2024) Leveraging mechanomyography signal for quantitative muscle spasticity assessment of upper limb in neurological disorders using machine learning. International Journal of Advanced Computer Science and Applications (IJACSA), 15 (8). pp. 991-1002. ISSN 2158-107X E-ISSN 2156-5570
- 7. Ginanjar, Muhamad Gilang and Lubis, Muharman and Ramadani, Luthfi and Handayani, Dini Oktarina Dwi (2024) Enhancing security and privacy in cloud computing: challenges and solutions in the digital age. In: 2024 3rd International Conference on Creative Communication and Innovative Technology (ICCIT), 7-8 August 2024, Tangerang, Indonesia.
- 8. Hassan, Mohd Khairul Azmi and Amir Hussin, Amir 'Aatieff and Muhamad Ibrahim, Najhan and Mat Nayan, Norshita and Lubis, Muharman (2024) The used of usability scale system as an evaluation of online food marketplace system satisfaction among IIUM community. Journal of Advanced Research in Applied Sciences and Engineering Technology, 60 (1). pp. 14-23. E-ISSN 2462-1943
- 9. Hidayat, Rumatiga and Husein, Saddam and Suryani, Danu and Aridhayandi, M. Rendi and Suhartini, Endeh and Lukmanul Hakim, Aal and Solehudin, Ending and Handayani, Dini Oktarina Dwi (2024) Legal aspect of clean water needs process. Journal of Engineering Science and Technology, 19 (Special Issue 5). pp. 57-64. ISSN 1823-4690
- 10.Zhou, Weichen and Mohd Aman, Azana Hafizah and Attarbashi, Zainab and Azamuddin, Wan Muhammad Hazwan and Khaleel, Aymen Dheyaa (2024)Analysing TCP traffic congestion algorithms for wired links based on NS3. Journal of Advanced Research in Applied Sciences and Engineering Technology, 58 (1). pp. 242-251. ISSN 2462-1943
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- 12. Kehinde, Olatunji Austine and Zulkifli, Zahidah and Mat Surin, Ely Salwana and Junurham, Nur Leyni Nilam Putri and Mahmud, Murni and Bahmaid, Salem (2024)Upscaling current data caching and prefetching strategies for online databases in Nigeria. International Journal on Advanced Science, Engineering and Information Technology (IJASEIT), 14 (4). pp. 1443-1448. ISSN 2088-5334 E-ISSN 2460-6952
- 13.Mat Nayan, Norshita and Mohamad Ali, Nazlena and Mhd Salim, Mohamad Hidirand Hassan, Mohd Khairul Azmi (2024) Kajian penerokaan Teknologi Realiti Maya (VR) dalam kalangan guru dan murid sekolah di Perlis. Journal of Information System and Technology Management (JISTM), 9 (36). pp. 163-176. E-ISSN 0128-1666
- 14. Mohd Shukri, Nor Azwani and Norman, Muhammad Farhan Hanif and Rostam, Muhamad Ashraf and Ab Hamid, Mohd Ramadan and Abu Seman, Muhamad Sadry and Romli, Rahiwan Nazar (2024) Development and evaluation of educational video on healthy maternal diet to prevent child stunting. Journal of Sustainability Science and Management, 19 (10). pp. 59-71. ISSN 1823-8556 E-ISSN 2672-7226
- 15. Muhamad Ibrahim, Najhan and Abu Bakar, Munira and Drs Nasrul, Muhammad Amrullah and Abdul Rahman, Siti Sarah (2024) Cryptocurrency as digital asset according to the principles of Usul Al-fiqh: a critical analysis by Mohd Daud Bakar. In: 2024 3rd International Conference on Creative Communication and Innovative Technology (ICCIT), 7 Agust 2024, IIUM, Kuala Lumpur.
- 16.Ujjan, Imran Anwar and Suhaimi, Mohad Adam and Shah, Asadullah (2024)Factors affecting acceptance of health information systems in Pakistan. LGU Research Journal of Computer Science & IT, 8 (5). pp. 21-29. ISSN 2519-7991 (Print) E-ISSN 2521-0122 (Online)
- 17. Wardiyono, Wardiyono and Othman, Roslina and Heriyanto, Heriyanto and Mohd Tamrin, Mohd Izzuddin (2024) Digital preservation in Indonesia institutional repositories for future community: a literature review. International Journal on Islamic Applications in Computer Science And Technology, 12 (3). pp. 15-26.
- 18.Zulkifli, Zahidah and Ismail, Ahsiah and Mat Surin, Ely Salwana and Okfalisa, Okfalisa (2024) Cyber security awareness model based on NIST (national institute of standards and technology) for secondary school students in Malaysia. Journal of Advanced Research in Applied Sciences and Engineering Technology, 61 (2). pp. 56-58. ISSN 2462-1943
- 19.Md Nor, Nor Saadah and Muhammad Noor Choliq, Atikah and Mohd Saleh, Nur Hidayah (2024) Services at jabatan kehakiman syariah Malaysia library: an analysis of arabic cataloguing procedures. Journal of Information and Knowledge Management, 14 (2). pp. 61-76. E-ISSN 2289-5337
- 20. Wardiyono, Wardiyono and Othman, Roslina and Heriyanto, Heriyanto and Mohd Tamrin, Mohd Izzuddin (2024) Digital preservation in Indonesia institutional repositories for future community: a literature review. International Journal on Islamic Applications in Computer Science And Technology, 12 (3). pp. 15-26.