



AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY







# ISSUES NO.1/2025 JANUARY 2025

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# Motivational Quote

The Prophet Muhammad (peace be upon him) said:

"The heart of a believer is like a feather, turning with the wind. So whenever a believer remembers Allah, his heart turns to Him. And whenever he forgets Allah, his heart turns away from Him."





ICT - IOHK TIPS: # 46



قال رسول الله صلى الله عليه وسلم: ما أَنْتَ بِمُحَدِّثٍ قَوْمًا حَدِيثًا لا تَبْلُغُهُ عُقُولُهُمْ، إِلَّا كَانَ لِبَعْضِهِمْ فِتْنَةً. (صحيح مسلم).

The Messenger of Allah (peace be upon him) says: If you speak to people with something beyond their level of understanding, it may cause confusion for some of them." (Sahih Muslim).

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# 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.

# WEEKLY IOHK TIPS

# EDUCATION

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

CORPORATION IN

- •Help students learn to work well with others in group activities and projects.
- Show students how to collaborate respectfully by working with colleagues and students alike.
- •Teach students clear and effective ways to communicate ideas and solve problems as a team.
- Support students in resolving disagreements in a positive and constructive way.
- Encourage students to appreciate and listen to everyone's ideas in the group.

يقول الله تعالى: وَتَعَاوَنُوا عَلَى الْبِرَوَالتَّقُوْى وَلَا تَعَاوَنُوا عَلَى الْإِثْمِ وَالْعُدُوَانِ: وَ اتَّقُوا اللهَ إِنَّ اللهَ شَدِيدُ الْعِقَابِ (المائدة: 2) Allah Almighty says: And cooperate in righteousness and piety, but do not cooperate in sin and aggression. And fear Allah; indeed, Allah is severe in penalty (Al-Ma'idah: 2)

قال رسول الله صلى الله عليه وسلم: المؤمن للمؤمن كالبنيان يشد بعضه بعضه بعضاً. (البخاري ومسلم).

The Messenger of Allah (peace be upon him) says: A believer to another believer is like a building whose different parts support each other." (Al-Bukhari and Muslim).

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يقول الله تعالى: وَإِذَا قِيلَ لَهُمُ اتَّبِعُوا مَا أَنْزَلَ اللهُ قَالُوا بَلُ نَتَّبِعُ مَا أَلْفَيْنَا عَلَيْهِ آبَاءَنَا .. (البقرة: 170)

Allah Almighty says: When it is said to them: 'Follow what Allah has sent down,' they reply: 'We will follow that which we found our fathers upon'
... (Al-Baqarah: 170)

قال رسول الله صلى الله عليه وسلم: من تشبه بقوم فهو منهم. (رواه أبو داود)
The Messenger of Allah (peace be upon him) says: Whoever imitates a

people is one of them. (Abu Dawood).

قال رسول الله صلى الله عليه وسلم: لَتَتْبَعُنَّ سَنَنَ مَن كَانَ قَبْلَكُمْ، شِبْرًا شِبْرًا وذِراعًا بنِراعٍ، حتًى لو دَخَلُوا جُحْرَضَبَ تَبِعْتُمُوهُمْ، قُلْنا: يا رَسولَ اللهِ، النَّهُودُ والنَّصارَى؟ قال: فَمَنْ. (البخارى).

The Messenger of Allah (peace be upon him) says: You will certainly follow the ways of those who came before you, hand span by hand span, and arm length by arm length, to the extent that if they were to enter a lizard's hole, you would follow them." We said: "O Messenger of Allah, do you mean the Jews and Christians?" He said: "Who else?" (Al-Bukhari)

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# WEEKLY IOHK TIPS

# FOSTERING INDEPENDENCE IN EDUCATION

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

- •Help students value their own abilities and stay true to their cultural and intellectual identity.
- •Encourage critical and independent thinking and avoid blindly following others.
- •Guide students to learn from others' experiences while staying original and thoughtful in their approach.

# يقول الله تعالى: وَقُل رَّبِّ زِدْنِي عِلْمًا (طه: 114)

Allah Almighty says: **And say, 'My Lord, increase me in knowledge** (Taha: 114)

قال رسول الله صلى الله عليه وسلم: إنْ قامَتِ السَّاعةُ وبِيَدِ أَحَدِكُم فَسيلةٌ، فإن استَطاعَ ألَّا يقومَ حتى يَغرسَها فلْيَفْعَلْ. (رواه أحمد).

The Messenger of Allah (peace be upon him) says: If the Hour (Day of Judgment) comes while one of you has a palm seedling in his hand, and he can plant it before it comes, let him do so. (Narrated by Ahmad).

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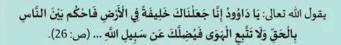
# WEEKLY IOHK TIPS

# LIFELONG LEARNING

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

- •To encourage students to seek knowledge from cradle to grave.
- •To highlight the value of lifelong learning for personal growth and contributing to society.
- •To show students the importance of acquiring new knowledge.
- •To emphasize the importance of continuous beneficial work.





Allah Almighty says: O Dawud (David)! Verily, We have placed you as a successor on earth, so judge you between men in truth (and justice) and follow not your desire for it will mislead you from the Path of Allah ... (Sad: 26).

يقول الله تعالى: الَّذِينَ إِن مَّكَّنَّاهُمْ فِي الْأَرْضِ أَقَامُوا الصَّلَاةَ وَ آتَوُا الرَّكَاةَ وَأَمَرُوا بِالْمُعْرُوفِ وَنَهَوْا عَنِ الْمُنكَرِ (سورة الحج: 41)

Allah Almighty says: Those who, if We give them authority in the land, establish prayer and give zakat and enjoin what is right and forbid what is wrong. (Al-Hajj: 41)

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# WEEKLY IOHK TIPS

#### LEADERSHIP IN EDUCATION

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

- To inspire students to take initiative and lead with integrity in their academic and personal lives.
- To teach the value of responsibility and accountability as essential qualities of effective leadership.
- To encourage collaboration and teamwork, fostering leadership through mutual respect and shared goals.
- To nurture students' understanding of *Istikhlaf* (stewardship), emphasizing their role as entrusted leaders on Earth.

# WEEKLY IOHK TIPS

#### AMANAH OF EDUCATION

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

- •To teach with honesty and sincerity, fulfilling their responsibility to impart knowledge effectively.
- •To treat each student fairly, recognizing their unique needs.
- •To guide students how to uphold the concept of *Amanah* in their own lives.
- To encourage students to approach education with dedication.

يقول الله تعالى: إِنَّا عَرَضْنَا الْأَمَانَةَ عَلَى السَّمَاوَاتِ وَالْأَرْضِ وَالْجِبَالِ فَأَبَيْنَ أَن يَحْمِلْنَهَا وَأَشْفَقْنَ مِنْهَا وَحَمَلَهَا الْإِنسَانُ إِنَّهُ كَانَ ظَلُومًا جَهُولًا (الأحزاب: 72). Allah Almighty says: Indeed, We offered the Trust to the heavens and the earth and the mountains, and they declined to bear it and feared it; but man [undertook to] bear it. Indeed, he was unjust and ignorant. (Al-Ahzab: 72)

قال رسول الله صلى الله عليه وسلم: العلماءُ أمناءُ اللهِ على خلقِهِ (السيوطي: الجامع الصغير).

The Messenger of Allah (peace be upon him) says: **The scholars are the trustees of Allah over His creation.** (Al-Suyuti: Al-Jami' Al-Saghir)

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# ISTIQAMAH (STEADFASTNESS) IN **ACADEMIA**

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

- •To maintain honesty and fairness with students.
- To encourage students to stay committed to their academic.
- •To show students the importance of integrity in their academic lives.
- •To inspire consistency and dedication in students.

يقول الله تعالى: فَاسْتَقِمْ كَمَا أُمِرْتَ وَمَن تَابَ مَعَكَ (هود: 112)

Allah Almighty says: So, remain steadfast as you have been commanded, and those who have repented with you. (Hud: 112).

عن سفيان ابن عبد الله الثقفي قال: قلت يا رسول قل لي في الإسلام قولًا لا أسأل عنه أحدًا بعدك، قال، قل: آمنت بالله ثم استقم. (صحيح مسلم).

Sufyan ibn Abdullah Al-Thaqafi said: I said, O Messenger of Allah, tell me something about Islam that I will not need to ask anyone else after you." He said: "Say, 'I believe in Allah,' and then remain steadfast." (Sahih Muslim)

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# يقول الله تعالى: إيَّاكَ نَعْبُدُ وَ إِيَّاكَ نَسْتَعِينُ (سورة الفاتحة: 5)

Allah Almighty says: It is You we worship, and it is You we ask for help (Al-Fatihah: 5)

قال رسول الله صلى الله عليه وسلم: إذا سألت فاسأل الله، وإذا استعنت فاستعن بالله. (رواه الترمذي)

The Messenger of Allah (peace be upon him) says: If you ask, then ask Allah; and if you seek help, then seek help from Allah. (Narrated by Al-Tirmidhi)

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# WEEKLY IOHK TIPS

## DIVINE GUIDANCE IN ACADEMIA

The role of the lecturer during the teaching and learning is to:

- To rely on Allah academic responsibilities, showing patience and gratitude.
- To seek Allah's guidance in delivering knowledge in a way that benefits both the students and society.
- · To remind students to trust Allah in their academic efforts and to seek His help in overcoming challenges.
- · To encourage students to regularly make Dua' for knowledge, understanding, and success in their studies.

# Achievements and Recognitions

# Congratulations

4th place in PWC's Hack A Day 2024: Capture The Flag Competition



# Congratulations

Prof. Emeritus Dato' Dr. Tengku Mohd Tengku Sembok was invited as a Keynote the 12th speaker Applications Conference on Islamic Computer Science and Technologies (IMAN) 2024)

# Congratulations Gold Medallist -Women's Long Jump Platinum





## IMAN 2024 Keynote Speakers















DSR Design for Scientific DSR.EDU.MY/IMAN IMAN





# Congratulations

Prof. Dato' Dr. Mohamad Fauzan Noordin was invited as a Keynote Speaker for AI in Malaysian Higher Education



# Congratulations

Asst. Prof. Dr. Rizal Mohd Nor was invited as a Speaker at The Universitas Syiah Kuala



# Congratulations

Asst. Prof. Dr. Zainab Senan was invited as a Penalist for AI and Hikmah a Webinar



# Congratulations

Asst. Prof. Dr. Amir Aatief Amir Hussin was invited as a Speaker for IIIT—International Intellectual Discourse Series Online (IIDSO):No.58



Congratulations

Asst. Prof. Ts. Dr. Dini Oktarina Dwi handayani For securing Industry Matching Programme (IMaP) 2.0 by MOHE



# Congratulations

Asst. Prof. Dr. Norzariyah Yahya For securing Sponsored Research (Private) Project



# Congratulations

Assoc. Prof. Ts. Dr. Normi Sham Awang Abu Bakar For securing Sponsored Research (Private) Project



Congratulations

Asst. Prof. Dr. Hazwani Mohadis For securing International Institute of Islamic Thought's IIIT-TMP 2024



Congratulations
Assoc. Prof. Ts. Dr. Amelia Ritahani Ismail
For securing The Jamalullail Responsible Research Grant Scheme (JRRGS) 5.0



# for Completing Viva Voce/Proposal Defense







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# LEADING THE WAY LEADING THE WORLD INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

# CONGRATULATIONS OF COMPLETING VIVA VOCE (PTEM)

"You did a great job. Thank you for your dedication and outstanding performance"

#### ABDUL MUIZZ BIN ABDUL SALAM (GI917857)

Master of Computer Science and Information Technology Title: Comparison of Software Quality using Plan-driven and Hybrid Agile Method

Date Presentation: II/II/2024 / Monday





Secretariat: Br. Lukman Hakim Bin Sani External Examiner: Prof. Ts. Dr. Siti Sarah Binti Maidin Internal Examiner: Asst. Prof. Dr. Noor Azura Binti Zakaria Kulliyyah Representative: Asst. Prof. Dr. Absiah Binti Ismail Supervisor: Asst. Prof. Dr. Norzariyah Binti Yahya

LEADING THE WAY

LEADING THE WORLD







LEADING THE WORLD





INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

# CONGRATULATIONS PROPOSAL DEFENSE



Nurul Hanis Binti Mohd Dhuzuki (G2324696)

Master of Computing (Computer Science and Information

Title: EFormulation of Associating 4D Skeletal-Based Hand Gesture Recognition with Hand Rehabilitation Scoring of Stroke Patient for Rehabilitation Internet-of-Things (RIOT) nte Presentation: 13/12/2024 / Friday



Supervisor: Asst. Prof. Ts. Dr. Ahmad Anwar Bin Zainuddin

Chairman: Assoc. Prof. Ts. Dr. Amelia Ritahani Binti Ismail Examiner I: Asst. Prof. Dr. Suriani Binti Sulaiman Examiner 2: Asst. Prof. Dr. Amir 'Aatief Bin Amir Hussin









Rana Sohel (G2210331) Master of Computing (Computer Science and Information Title: Cloud Based Security Solutions for Cryptocurrency

Date Presentation: 20/12/2024 / Friday



Supervisor: Asst. Prof. Dr. Rizal Bin Mohd. Nor

Chairman: Prof. Dr. Akram M.Z.Kheder Examiner I: Asst. Prof. Dr. Andi Fitriah Binti Abdul Kadir Examiner 2: Asst. Prof. Dr. Ahmad Anwar Bin Zainuddin



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Office Of DOPCH, BICT Cornect, Engage, Serve





General Office, KICT

Thank you

for previous contributions to the Office of Deputy Dean Postsgraduate and Responsible Research and Innovation March 2023 — November 2024



Thank you

for previous contributions to the General Office of KICT June 2023 — December 2024





Nurhafizah Mahri Entrepreneurship Coordinator & MotionU Advisor Department of Information Systems nurhafizahm@iium.edu.my

# MotionU: Celebrating Innovation, Learning, and Community Engagement

MotionU Club has had an inspiring year filled with activities that embody our commitment to fostering innovation, skill-building, and entrepreneurial excellence. This newsletter article serves as a recap of our vibrant programs, highlighting the dedication of our MotionU committee members and the incredible support from the KICT community.

A special thanks to our MotionU President, Br. Muhammad Hakim Nazry, and his committees for their relentless efforts in organizing impactful programs. We also extend our deepest gratitude to the Dean of KICT, Prof. Dr. Murni Mahmud, Head of Department CITA, Dr. Noor Hayani Abdul Rahim, Deputy Dean of Student Development & Community Engagement, Dr. Hamwira Sakti Yaacob, and former MotionU advisor, Madam Noor Azian Bt. Mohamad Ali, for their invaluable guidance and support.

## **Exploring the Frontiers of Al**

On April 20, 2024, we hosted a DevTalk titled "Exploring Al: The Landscape of Large Language Model Development in Malaysia" with guest speaker Br. Hazqeel Afyq. Held at the PBL Lab, this session captivated 20 participants eager to delve into the capabilities of Large Language Models (LLMs). Br. Hazqeel's expertise in Python, NLP, and Computer Vision inspired attendees to explore Al's potential in collaborative and innovative settings.



## **Mastering Mobile Innovation**

From May 10–12, 2024, we organized the Full Stack Fusion Mobile Application Development Workshop at the Alumni Lounge. Guided by Br. Muhammad Nuriman Quddus, co-founder and CTO of Forthify, participants learned to design, code, and deploy mobile apps using React Native, NativeWind, and Expo Go. The hands-on approach, combined with certifications and networking opportunities, ensured that attendees were equipped for success in mobile development.



## **Navigating the Freelancing Journey**

Our DevTalk on May 18, 2024, titled "The Ins and Outs of Freelancing: From Finding Clients to Getting Paid," was an eye-opener for over 20 participants. Br. Luqman Hakim, founder of Forthify, shared practical insights into freelancing, from building a portfolio to securing payments. Participants left feeling motivated to embark on their freelancing journeys, inspired by Luqman's mantra: "You don't have to be great to start, but you have to start to be great."



# **Celebrating Success in Web Development**

The Modern Fullstack Hero Web Development Workshop, held on December 16-17 and 23-24, 2023, provided 10 participants with cutting-edge knowledge in VueJS, Go, SQLite, and Tailwind. Aiman Rahim, backend engineer at AEM Energy Solution, led this initiative, with generous sponsorship from Mulhaq Enterprise. Participants gained essential skills, laying the groundwork for thriving careers in web development.



## **Empowering Aspiring Developers**

On November 4, 2023, our DevTalk focused on "How to Kickstart Your Frontend Development Career." Br. Farhan Helmy, a software engineer at Service Rocket, guided 20 participants through essential skills and career strategies for front-end development. The session was an inspiring roadmap for attendees aiming to excel in this field.



# **MotionU Members Shine at KICT Fest**

On October 21, 2023, MotionU took part in KICT Fest, where we showcased our entrepreneurial spirit by running a food booth offering fried ice cream and iced tea. Thanks to the hard work of our Sales Office team, our booth became a crowd favourite, embodying the club's innovative and enterprising values.



# **Gratitude and Moving Forward**

This year has been a testament to the power of collaboration, innovation, and community support. On behalf of MotionU, I express my heartfelt gratitude to everyone who contributed to our success. To the students, lecturers, and all of the KICT community, thank you for believing in our mission.

Together, let's continue to create impactful programs that inspire, empower, and shape the leaders of tomorrow.



Nurhafizah Mahri Entrepreneurship Coordinator & MotionU Advisor Department of Information Systems nurhafizahm@iium.edu.my

# CITA Open Day 2024

CITA Open Day 2024: A Day of Recognition, Inspiration, and Innovation

Marking History: On Friday December 20, 2024, the Conference Room at KICT buzzed with excitement as the curtains rose on the inaugural CITA Open Day 2024! This groundbreaking event, a collaboration between CITA members and SIG-MotionU, aimed to celebrate achievements, recognize contributions, and chart a bold future for CITA and KICT community. And it was a great experience overall!!





#### **Event Highlights**

#### An Inspirational Kick-off by Ts. Dr. Noor Hayani Abdul Rahim

The event began with an inspiring address from Ts. Dr. Noor Hayani, Head of CITA. Dr. Hayani highlighted the two master programs offered by CITA – MPSM (Master of Protective Security Management) and MBIA (Master in Business Intelligence and Analytics) – and acknowledged the successful review of these program courses. This achievement was made possible with the valuable contributions of Dr. Andi Fitriah Abdul Kadir, the former CITA Academic Advisor.

Dr. Noor Hayani emphasized the transformative potential of CITA's programs and proudly unveiled the newly established CITA Lab, equipped with 25 state-of-the-art computers. This visionary project, initiated two years ago by AP Dr. Madihah S. Abd. Aziz, the former CITA HoD, demonstrates CITA's ongoing dedication to enhancing Teaching and Learning (T&L) within KICT.

In her address, Dr. Noor Hayani also expressed her sincere gratitude to SIG-MotionU for their significant contributions and unwavering support in advancing CITA's initiatives. She particularly acknowledged their dedication to ensuring the success of CITA Open Day.



**Prof. Dr. Murni Mahmud, Dean of KICT,** addressed the gathering with an inspiring speech. She expressed her appreciation for the valuable contributions of CITA and SIG-MotionU to the KICT community.

The Dean emphasized the strategic importance of CITA as a center for innovation and Technopreneurship within KICT. She shared her vision for CITA as a platform for fostering cutting-edge initiatives and expressed confidence in CITA's ability to play a key role in advancing Malaysia's Al ambitions.

The Dean reaffirmed the significance of CITA in spearheading the development of facilities that support AI excellence, ensuring a robust infrastructure for future advancements. Her words fostered a shared understanding of the collective commitment to advancing technological progress at KICT and CITA.

#### Showcasing Excellence: CITA Booth, SIG-MotionU, and MotionU Incubator Montage

Attendees were treated to a captivating montage and marketing materials at the CITA booth, showcasing two key master's programs—MPSM and MBIA. Kudos to SIG-Motion Mulcom [Multimedia Committees] for their creativity and effort in designing the montage, which left everyone in awe!





#### **Celebrating Contributions**





#### A Heartfelt Appreciation to CITA Course Owners

Our heartfelt gratitude goes out to the CITA course owners, whose unwavering dedication has been the cornerstone of the success of the MBIA and MPSM programs. Their tireless efforts have laid a strong foundation for academic excellence and innovation. A special shoutout to Dr. Andi Fitriah, the former Academic Coordinator, for her exceptional work completing the CITA course review. This monumental achievement has significantly strengthened the program's prospects and impact.

#### Recognizing SIG-MotionU Leadership

A resounding applause goes to the **SIG-MotionU 2023-2024 lineup**, led by the remarkable **Br. Muhammad Hakim Md Nazry**. Under his visionary leadership, **CITA Open Day 2024** emerged as an overwhelming success, setting a new standard for future initiatives.

We are also thrilled to extend a warm welcome to the new **SIG-MotionU line-up**, led by **Br. Faris Suhaimi**. His boundless creativity and enthusiasm hold great promise for a bright and prosperous future for CITA. With this new leadership, we are confident that the legacy of excellence and innovation will not only continue but also reach greater heights.

## Innovation on Display: MotionU Incubators

The event officially unveiled the MotionU Incubators:

- Forthify Technologies
- Krypton Technologies
- Haikyu Enterprise (Khair's Global)

These incubators showcased their cutting-edge innovations, business achievements, and entrepreneurial spirit, leaving attendees inspired to explore startups and freelancing opportunities.

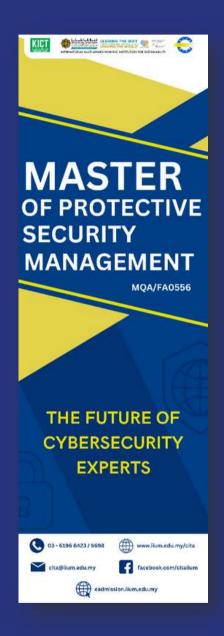
View their presentation video here!

#### **A Grand Closing**

#### Closing Remarks and High Tea

The day ended with heartfelt closing remarks by **Br. Muhammad Hakim Md Nazry – the MotionU President of 2023-2024 lineup**, followed by a delightful high tea session at the KICT Conference Room Lounge. Participants enjoyed a panoramic view while networking, playing games at the booths, and eagerly awaiting the lucky draw session.





New MBIA and MPSM Bunting Design – powered by Mulcom SIG-MotionU

#### A Heartfelt Thank You

As the **Entrepreneurship Coordinator and MotionU Advisor**, I extend my deepest gratitude to all contributors who made this event a resounding success:

- All CITA Members Dr. Noor Hayani Abdul Rahim, Dr. Nur-Adib Maspo, Br. Ahmad
   Syafiq
- Amir, and all of the CITA course owners
   Madam Noor Azian Mohamad Ali the founder and initiator of MotionU

- Br. Muhammad Hakim Md Nazry, and his SIG MotionU 2023-2024
- line-up Br. Faris Suhaimi and his incoming SIG MotionU 2024-2025
- line-up. Every single member of the KICT community.

Alhamdulillah, we are deeply grateful for Allah's guidance and blessings on this journey.

## **Stay Connected**











Warm regards, **Dr. Nurhafizah Mahri**Entrepreneurship Coordinator / MotionU Advisor
CITA, KICT

ISO 9001 2015 Recertification Audit 2024 11—15th November 2024











Delegates Darunnajah University Jakarta



MOU siging IIUM and Universitas Syiah



# Moving Forward Post Curiculum Review









# KICT Gotong - Royong 4/2024: Let's Clean Up











# CITA Open Day





Prof Dr Atif Ahmad (University of Melbourne) with honorable Datuk Rector.

COMPUTATIONAL INTELLIGENCE, KICT



























# **Publications**

- 1. Abd Aziz, Ahmad Zulfakar and Mohd Sultan, Muhammad Fitri and Mohamad Zulkufli, Nurul Liyana (2024) Image steganography: comparative analysis of their techniques, complexity and enhancements. International Journal on Perceptive and Cognitive Computing (IJPCC), 10 (1). pp. 59-70. ISSN 2462-229X
- 2. Abdul Kadir, Andi Fitriah (2024) Hackers in the hallway: humanising cybersecurity through role play. KICT Newsletter, 11S (Special Issue). pp. 1-3.
- 3. Ahmed Khan, Fazeel and Abubakar, Adamu (2024) Network Traffic Classification Analysis on Differentiated Services Code Point Using Deep Learning Models for Efficient Deep Packet Inspection. International Journal of Innovative Computing, 14 (2), pp. 15-24. E-ISSN 2180-4370
- Azhary, Muhammad Zulhazmi Rafiqi and Ismail, Amelia Ritahani (2024) A comparative performance of different convolutional neural network activation functions on image classification. International Journal on Perceptive and Cognitive Computing (IJPCC), 10 (2). pp. 118-122. E-ISSN 2462-229X
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#### Title:

Preliminary Interview Protocol for Blockchain-based System Testing

#### Inventor and co-inventor:

- 1. Assoc. Prof. Ts. Dr. Normi Sham Awang Abu Bakar
- 2. Asst. Prof. Dr. Norzariyah Yahya
- 3. Nadiah Arsat

#### Title:

NakSafe: Car Child Safety Kit

#### Inventor and co-inventor:

- 1. Asst. Prof. Ts. Dr. Hafizah Mansor
- 2. Muhammad Lukmanulhakim bin Abdul Halim
- 3. Muhammad Zakir bin Abdul Razak

#### Title:

Integrated IoT Mobile Applications: Automation Smart Pets Feeding and Monitoring System (Pawtector).

#### Inventor and co-inventor:

- 1. Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
- 2. Muhammad Nur Badri Bin Mahazir
- 3. Mohamad Aiman Akim Bin Adanan
- 4. Muhammad Izzuddin Bin Tamrin
- 5. Mohammad Adam Haikal Bin Zulkfli
- 6. Muhammad Hazim Amin Bin Samsudin

#### Title:

IoT Application for Water Level Monitoring With Leak Detection and Automatic Water Restoration

#### Inventor and co-inventor:

- 1. Asst. Prof. Ts. Dr. Ahmad Anwar bin Zainuddin
- 2. Mohamad Syafiq Asyraf Bharudin
- 3. Ammar Haziq Annas
- 4. Nik Nor Muhammad Saifudin bin Nik Mohd Kamal

#### Title:

Development of a Web-Based Medical Information System for Stroke Rehabilitation Internet-of-Things (RIOT)

#### Inventor and co-inventor:

- · Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
- Nurul Hanis Mohd Dhuzuki
- Asst. Prof. Dr. Amir' Aatief Amir Hussin
- · Asst. Prof. Dr. Rizal Mohd Nor

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#### Title:

WSDS - Water Surge Detection System

## Inventor and co-inventor:

- 1. Asst. Prof. Dr. Shuhaili Talib
- 2. Noor Najihah binti Nordin
- 3. Siti Nurfarahanim binti Mohd Isa

#### Title:

An Integrated Persuasive Behaviour Change Framework based on Maqasid Al-Shariah for Sustainable Waste Management Practices

## Inventor and co-inventor:

1. Asst. Prof. Dr. Hazwani Mohd Mohadis

## Title:

Vocational Education and Training Credits (VET Credits)

#### Inventor and co-inventor:

- 1. Asst. Prof. Dr. Shuhaili Bt. Talib
- 2. Tahmid Alam
- 3. Ahmed Bin Delowar