



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُؤْتِي الْعِلْمَ رُحْنًا وَإِنَّا بِرُحْنِنَا
Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KHALĪFAH • AMĀNAH • IQRA' • RAHMATAN LIL-ĀLAMĪN

KICT NEWSLETTER

SPECTRUM

July 2026

Issue 5

EISSN 3083-9904

EVERY MILESTONE MATTERS

Final Year Project Monitoring through Padlet

DIGITAL ADAB

Transposing Classical Adab to the Digital Age

DIGITEX 2026 GRAND FINALE

IoTeams Wins Gold Medal at DIGITEX 2026 Grand Finale

WHEN WAR IN THE GULF REACHES OUR SERVER ROOM

Geopolitical Risk, ICT Supply and the Case for a Faster Procurement Response

TABLE OF CONTENTS

MESSAGE FROM THE EDITOR	3
FEATURED ARTICLES	
• Every Milestone Matters: Final Year Project Monitoring through Padlet	4
• Digital Adab: Transposing Classical Adab to the Digital Age	7
• DIGITEX 2026 Grand Finale: IoTeams Wins Gold Medal at DIGITEX 2026 Grand Finale	13
• When War in the Gulf Reaches our Server Room : Geopolitical Risk, ICT Supply and the Case for a Faster Procurement Response	16
NEW STAFF APPOINTMENT	
• Academic Fellow (AF3)	19
STAFF ACHIEVEMENT	
• Academic Staff Promotions	20
• Completion of Research Grants	22
• Securing New Research Grants	24
POSTGRADUATE STUDENTS ACHIEVEMENTS	
• Completion of Proposal Defense	25
• Completion of Viva Voce/ PTEM	26
USRAH & TAZKIRAH: ISLAMIZATION	28
TALK & SEMINARS: POSTGRADUATE	29
SCHOLARSHIP OPPORTUNITY FOR PG STUDENTS	30
TALK & SEMINARS: TEACHING & LEARNING	31
TALK & SEMINARS: RESEARCH	32
CONFERENCES & PUBLICATION OPPORTUNITIES	33
RESEARCH TIPS AND FAQ	34
PUBLICATIONS	36

EDITORIAL BOARD

CHIEF EDITOR

ASSOC. PROF. TS. DR.
HAZWANI MOHD MOHADIS

SECTION EDITOR

- ASST. PROF. DR.
NURAZLIN ZAINAL AZMI
- ASST. PROF. DR. NOR
SA'ADAH MD NOR
- ASST. PROF. TS DR.
HAFIZAH MANSOR
- ASST. PROF. TS. DR.
AHMAD ANWAR
ZAINUDDIN
- ASST. PROF. DR. ATIKAH
BALQIS BASRI
- ASST. PROF. DR.
NURHAFIZAH MAHRI
- MDM NOOR AZIAN
MOHAMMAD ALI

CONTENT MANAGER

SITI NUR ELLYA SHAHIRA
AHMAD NIZAM

COPYEDITOR

ZAINAB AHAMAD RADZI

Message from the Editor

Assalamu'alaikum warahmatullahi wabarakatuh,

Welcome to the latest issue of KICT Spectrum Issue 5, July 2026, where we celebrate the achievements, ideas, and scholarly contributions of our KICT community.

This issue features four engaging articles that reflect the diversity of expertise within our Kulliyyah. **Dr. Aizal Yusrina Idris** shares how Padlet enhances her Final Year Project supervision through continuous monitoring and interactive learning in Every Milestone Matters.

Br. Muhd Rosydi Muhammad explores the application of Islamic values in online spaces through Digital Adab, offering practical insights into ethical digital citizenship.

We also celebrate the success of the IoTeams Club in article entitled 'IoTeams Wins Gold Medal at DIGITEX 2026 Grand Finale', where **Ts. Dr. Ahmad Anwar Zainuddin** highlights an award-winning AI-driven rehabilitation platform that showcasing innovation with societal impact.

Completing this issue, **Ts. Dr. Muhammad Asyraf Rodzoan** examines how global geopolitical developments influence ICT procurement and supply chains in an article entitled 'When War in the Gulf Reaches Our Server Room', reminding us of the growing interconnectedness between technology and world affairs.

This issue also celebrates the continuous achievements of our KICT members, including research accomplishments, new grants, new appointments, staff promotions. completion of our postgraduates students viva voce and proposal defense. These milestones reflect the dedication, innovation, and collaborative spirit that continue to strengthen KICT's excellence.

Happy reading!

Hazwani
Chief Editor

EVERY MILESTONE MATTERS

Final Year Project Monitoring Through Padlet



Article by:

DR. AIZAL YUSRINA IDRIS
Department of Computer Science
aizal@iium.edu.my

In today's higher education environment, technology-enhanced learning tools are increasingly being integrated into teaching and supervision practices to improve student engagement, communication and academic monitoring. One digital platform that has gained attention among educators is Padlet, a web-based collaborative tool that enables

real-time interaction, file sharing and progress tracking in a centralized virtual space. Traditionally, monitoring the progress of Final Year Project (FYP) students can be challenging due to scattered communication, inconsistent documentation and limited opportunities for continuous feedback. By integrating Padlet into FYP supervision, lecturers are able to create a more organized, interactive and transparent supervision environment that benefits both supervisors and students.

Padlet functions as an online "virtual bulletin board" where users can upload notes, documents, links, videos, images and comments in real time. According to previous studies, Padlet supports collaboration, communication and active participation by allowing users to interact in an accessible digital environment.

In the context of FYP supervision (specifically under my supervision), Padlet serves as a centralized monitoring dashboard where students regularly upload project proposals, literature review progress, system design updates, research findings and weekly progress reports. This approach allows supervisors to observe students' progress continuously rather than relying solely on periodic meetings.

One of the major strengths of Padlet is its ability to encourage active student participation. Students can post updates anytime and anywhere using smartphones devices or laptops, making the supervision process more flexible and accessible. This encourages lecturer-student interaction, enhances peer-assisted learning and improves comprehension and engagement.

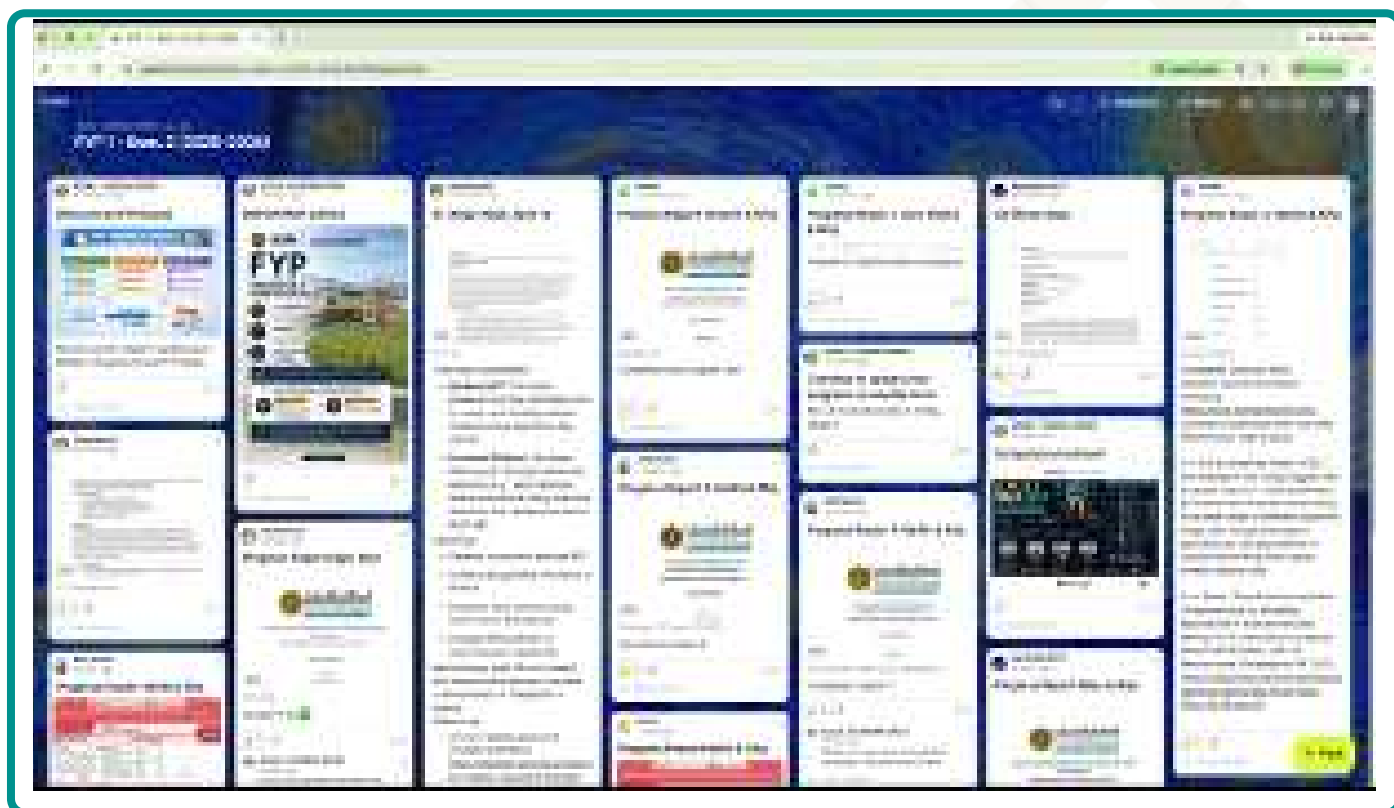
Padlet, a web-based collaborative tool that enables real-time interaction, file sharing and progress tracking in a centralized virtual space

The implementation of Padlet in FYP monitoring also promotes better time management, continuous engagement with project milestones, increased accountability in reporting progress, easier documentation of supervision evidence and faster feedback from supervisors. Students who are less confident during face-to-face consultations may also feel more comfortable sharing their work and asking questions through Padlet's interactive interface.

Beyond progress monitoring, Padlet creates opportunities for collaborative learning among FYP students. Students can view peers' project updates, exchange ideas and learn from different approaches and research methods.



In a timeline layout, students can be monitored through their progression across milestones throughout the semester



In a wall grid layout, students can see the overview of all posts shared either by supervisor or students

Supervisors may also use Padlet to share important announcements, upload research guidelines and templates, provide examples of good project documentation, conduct brainstorming sessions and give constructive feedback directly on uploaded work.

The integration of Padlet into Final Year Project supervision provides a practical and effective approach for monitoring student progress in a more organized, transparent, and collaborative manner. By enabling continuous interaction, centralized documentation and real-time feedback, Padlet helps supervisors manage student progress more efficiently while encouraging students to remain engaged and accountable throughout their research journey.

DIGITAL ADAB

Transposing Classical Adab to the Digital Age



Article by:

BR. MUHD ROSYDI MUHAMMAD
Department of Information Systems
mrosydi@iium.edu.my

ADAB: FROM THE PHYSICAL TO THE DIGITAL

In the physical world, human interaction has always been governed by a layered architecture of norms – some codified in law, others embedded in cultural practice and also rooted in moral formation. In the Islamic tradition, this architecture bears a name *adab*, which is commonly translated as etiquette or propriety. *Adab* is more precisely understood as a comprehensive orientation of the self toward right conduct; an inward disposition that expresses itself outwardly in how one speaks, listens, enters, exits, and relates to others. It is not a superficial code of manners but a cultivated habitus, shaped by sustained spiritual formation and anchored in the recognition that every human interaction carries moral weight before Allah.

The question this article addresses is whether *adab*, developed in and for the physical world, retains its authority and relevance in the digital one. The answer is not only that it does – but that the digital landscape, with its distinctive capacity for anonymity, permanence, and algorithmic manipulation, may demand a more disciplined application of *adab* than the physical world ever did.

WHY DIGITAL ADAB MATTERS?

i. The Myth of the Consequence-Free Digital Space

The internet has cultivated a peculiar moral mythology: that what happens online is somehow less real, less weighty, and less accountable than what happens in person. Anonymity, physical distance, and the mediation of a screen have together produced what might be called the illusion of ethical exemption—the feeling that ordinary moral rules do not apply when no one can see your face.

This illusion carries real consequences, normalizing behaviors that individuals would otherwise recoil from in face-to-face interaction. The cruelty of comment sections, the casualness of boundary violations, the voyeuristic consumption of leaked private content — these are not aberrations of digital culture but, in many respects, its dominant register. Islamic ethics offers a direct and uncompromising rebuttal to this illusion.

Its moral framework is not geographically bounded, nor is it contingent on the presence of a human witness. The Quranic statement that **"He is with you wherever you are"** [Surah al-Hadid: 4] establishes divine awareness as the constant of moral life, regardless of medium, platform, or location. The conscience that governs behaviour in a mosque or a marketplace is the same conscience that should govern behaviour in a comment section, a private chat, or an anonymous forum. Ethics, in this framework, are rooted in the heart — and the heart does not go offline.

وَهُوَ مَعَكُمْ أَيْنَ
مَا كُنْتُمْ

**"He is with you
wherever you are"**
[Surah al-Hadid: 4]

ii. **The Reality of the Digital Footprint**

This theological grounding is reinforced by a feature of the digital environment that actually intensifies rather than diminishes moral stakes: the permanence of action. In the physical world, a careless word fades from memory and its damage, while real, is often contained. In the digital realm, the same word is archived, screenshotted, shared, and potentially viral within hours. A comment, a view, a share – each leaves a traceable, retrievable and indefinitely reproducible footprint. The traditional Islamic understanding that deeds carry weight beyond their immediate moment finds a striking and sobering contemporary expression in the permanence of digital conduct. The scales of accountability are now partly visible.

QURANIC PRINCIPLES AS DIGITAL ARCHITECTURE

What makes the Islamic ethical tradition particularly valuable for navigating the digital age is that its foundational principles operate at a level of generality that allows them to travel well across technological revolutions. Several injunctions from Surah An-Nur illustrate this with unusual clarity, functioning as timeless architectural blueprints for respectful and bounded human interaction as outlined in the following table:

Quranic Concept	Physical Application	Digital Translation
Seeking Permission (An-Nur: 27)	Knocking/asking before entering a home.	Getting consent before adding to group chats, tagging in photos, or sending unsolicited DMs.
Respecting Refusal (An-Nur: 28)	Withdrawing gracefully if a host turns you away.	Honouring "Do Not Disturb" (DND) statuses, accepting unfollows/blocks and not persisting when ignored.
Domestic Privacy (An-Nur: 58)	Respecting privacy within the home during specific hours.	Refraining from spying on a spouse's messages, monitoring a child's secret accounts, or "sharenting."
Lowering the Gaze (An-Nur: 30)	Averting the eyes from prohibited sights.	Algorithmic literacy; intentional feed curation; resisting clickbait, outrage, and leaked media.
Guarding Modesty (Haya)(An-Nur: 31)	Restraint in physical dress and public presentation.	Resisting the pressure of quantified approval, oversharing, and performing a curated persona.

i. *The Ethics of Inboxes and Boundaries*

The command governing the seeking of permission before entering a home (*An-Nur: 27*) translates naturally into digital norms that are widely violated today. Adding individuals to group chats without prior consent, tagging people in photographs that expose their private lives, or initiating unsolicited direct messages without introduction – each replicates the dynamic of entering an occupied space without knocking. The architectural shift from the doorstep to the inbox does not dissolve the ethical logic; it merely relocates it. The medium may change, but moral responsibility remains – reframed, not removed.

Furthermore, *An-Nur: 28* emphasizes the obligation of the visitor to withdraw gracefully upon refusal. In the digital context, this speaks to respecting the boundaries others set for their own engagement. Recognizing that an individual's decision to unfollow or block represents a legitimate exercise of boundary-setting is a matter of ethical seriousness. Respect is demonstrated as much by restraint as by engagement.

ii. *Privacy, Surveillance and "Sharenting"*

The injunction on privacy (*An-Nur: 58*) finds pointed new application in the pervasive contemporary habit of accessing the private digital lives of those closest to us. The inspection of a spouse's private messages or the monitoring of a child's undisclosed accounts enacts a form of surveillance that the verse's underlying logic clearly censures.

Particularly significant is the phenomenon known as "sharenting" – the routine, often well-intentioned sharing of children's images, milestones, and personal details on public platforms. This practice raises critical questions about the rights of minors to govern their own digital footprint before they are old enough to meaningfully consent.

iii. *Algorithmic Literacy and Haya*

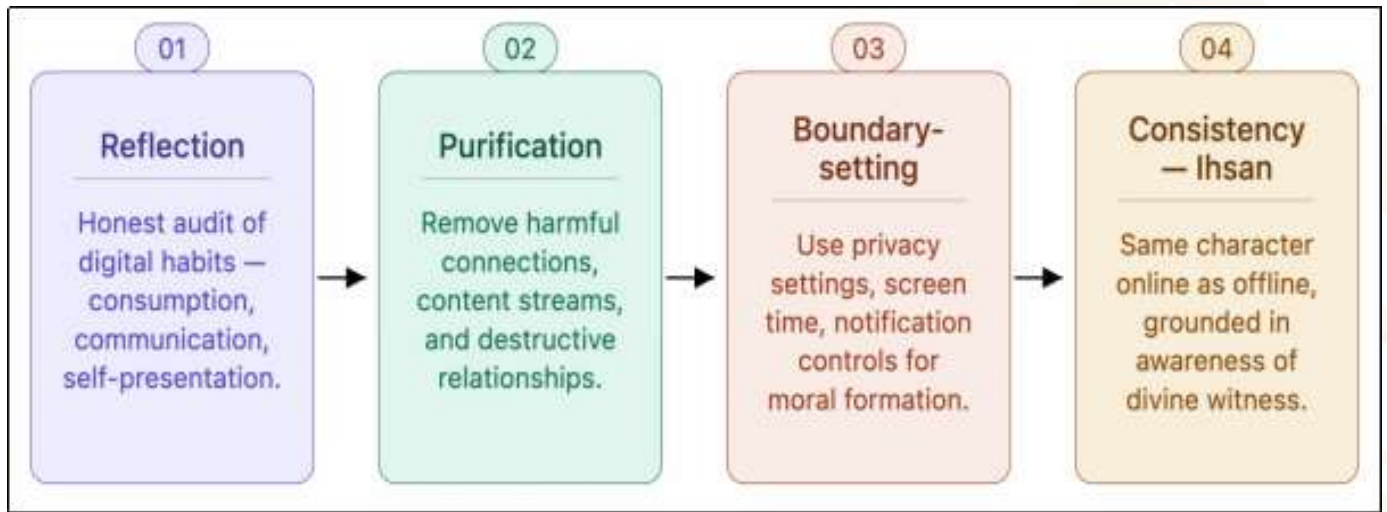
The command to lower the gaze (*An-Nur: 30*) requires a highly creative reinterpretation for the digital age. In a media environment shaped by algorithmic systems engineered to capture and sustain attention, this ethical practice becomes significantly more challenging. It involves intentional feed curation, grounded in the refusal to entertain voyeuristic content and the restraint to ignore clickbait that manipulates curiosity, outrage or desire. Lowering the gaze in the 21st century is simultaneously a practice of personal restraint and of algorithmic literacy.

Correspondingly, the command to guard chastity and regulate adornment (*An-Nur: 31*) extends to how individuals choose to present themselves on digital platforms. In this context, the concept of *haya'* – a deeply internalized sense of dignified restraint before Allah – is tested by the structural logic of digital self-presentation, where validation is relentlessly pursued through quantified approval and the performance of carefully curated personas. To embody *haya* online is to insist on a genuine private self that is not performed for consumption, acting as a quiet act of resistance against a digital economy built on the monetization of human attention.

TOWARD A PRACTICE OF DIGITAL ADAB

These principles suggest a four-step actionable model for an individual to navigate the digital environment with moral in mind:

- 1. Reflection:** An honest and constant audit of existing digital habits, identifying patterns of consumption, communication and self-presentation that fall short of one's ethical commitments. This requires the willingness to sit with uncomfortable observations about one's own conduct rather than rationalizing them away. It is the beginning of moral consciousness, not its completion.
- 2. Purification:** The deliberate removal of connections, content streams and digital relationships that cultivate harm, feed destructive impulses or draw someone toward conduct that he would not otherwise endorse. This is active, values-driven discernment rather than passive consumption.
- 3. Boundary-Setting:** The tactical use of technical affordances (privacy settings, screen time controls, notification management, account restrictions) in the deliberate service of moral formation. The tools of technology are thus enlisted into the project of character building.
- 4. Consistency:** The sustained commitment to maintaining one's ethical character online exactly as one would offline, grounded in the awareness of divine observation. This is what the Islamic tradition calls *ihsan* – the practice of excellence before Allah, rooted in the knowledge that the only witness who ultimately matters is always present.



CONCLUSION

The digital landscape is not an ethical wilderness awaiting the imposition of external regulation; it is a new domain for the application of principles that Islamic scholarship has refined across centuries. *Adab*, far from being a relic of face-to-face civilization, it proves to be a remarkably generative and resilient framework for online spaces. The challenge confronting Muslim individuals and communities in the digital age is not primarily technological – it is one of character. Digital *adab* does not ask that technology be abandoned or approached with suspicion. In fact, it demands that it be inhabited consciously, restrainedly and with the full recognition that every click, every share, every post and every word carries moral weight before The Only One who is present wherever we are.

REFERENCES

- Abubakar, A. (2020). Islamic ethics and social media use among Muslim youths. *Journal of Islamic Ethics*, 4(1–2), 93–117.
- Blum-Ross, A., & Livingstone, S. (2017). Sharenting, parent blogging, and the boundaries of the digital self. *Popular Communication*, 15(2), 110–125.
- Quran Foundation. (n.d.). *Quran.com*: The noble Quran. <https://quran.com>
- Shabbir, M. (2018). Digital ethics in Islam: A framework for Muslim netizens. *ICT and Society*, 2(1), 45–63.
- Wan Noor, W. M., & Che Mohd Zulkifli, C. A. (2019). Social media ethics from an Islamic perspective. *International Journal of Academic Research in Business and Social Sciences*, 9(3), 1136–1145.

DIGITEX 2026 GRAND FINALE

IoTeams Wins Gold Medal at DIGITEX 2026 Grand Finale



Article by:

TS. DR. AHMAD ANWAR ZAINUDDIN
Department of Computer Science
anwarzain@iium.edu.my

IoTeams Contributors:

- WAN ZUL 'IRFAN BIN WAN ZULKIFLI
- MOHAMED FATEH BIN JAZLAN
- MUHAMMAD FARIS FITREY BIN ZUKARNIHASAN
- LUQMAN AZHAD BIN NARULHISAM

15 June 2026 - DIGITEX 2026 Grand Finale, Universiti Teknologi Malaysia, Johor Bahru, served as more than a technology competition; it provided a dynamic platform that fostered innovation, creativity, entrepreneurship, and interdisciplinary collaboration in addressing real-world challenges through digital technologies.

The event encouraged the development of impactful and sustainable solutions while strengthening partnerships among academia, industry, and the wider community. Reflecting this shared commitment, the IoTeams Club from the Kulliyah of Information and Communication Technology (KICT), International Islamic University Malaysia (IIUM), participated in the DIGITEX 2026 Grand Finale held on 15 June 2026 at Universiti Teknologi Malaysia (UTM), Johor Bahru.



Figure 1: IoTeams Receiving the Gold Medal at the DIGITEX 2026 Grand Finale

The IIUM delegation comprised Wan Zul 'Irfan bin Wan Zulkifli, Mohamed Fateh bin Jazlan, Muhammad Faris Fitrey bin Zukarnihasan, and Luqman Azhad bin Narulhisam under the supervision of Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin. The team presented a **human-centred rehabilitation platform** designed to support post-stroke recovery through real-time hand gesture recognition and continuous remote progress monitoring.

By integrating artificial intelligence, computer vision, and Internet of Things technologies, the platform enhances the accessibility, effectiveness, and continuity of rehabilitation services while reducing the burden on patients, caregivers, and healthcare professionals.

As illustrated in Figure 1, the innovation was honoured with a **Gold Medal**, recognising its technical excellence, societal relevance, and strong potential for future translation and commercialization. Figures 2 and 3 present the team's Gold Medal Award at the DIGITEX 2026 Grand Finale and the demonstration of the RIOT prototype at the DIGITEX 2026 exhibition booth, respectively.

Beyond its technological contribution, the innovation reflects the holistic educational philosophy of IIUM, where scientific advancement is pursued alongside ethical responsibility and spiritual values. From the perspective of the Islamic worldview, the platform embodies the principles of amanah (responsibility), ihsan (excellence), and khidmah (service to humanity).



Figure 2: Gold Medal Award Received at the DIGITEX 2026 Grand Finale

These values align with the Islamic aspiration of generating 'ilm nafi' (beneficial knowledge), whereby research and innovation are directed towards improving human well-being and addressing genuine societal needs. By developing an accessible and intelligent digital rehabilitation solution, the project demonstrates how emerging technologies can be responsibly harnessed to enhance healthcare outcomes while preserving compassion, inclusivity, and human dignity.

This achievement represents more than success in a technology competition; it exemplifies IIUM's commitment to nurturing graduates who integrate academic excellence, technological innovation, entrepreneurial thinking, and ethical values in contributing meaningfully to society.



Figure 3: IoT Teams Showcasing the RIOT Prototype at the DIGITEX 2026 Exhibition Booth

Furthermore, it highlights the transformative potential of student-driven research when supported by dedicated mentorship, institutional encouragement, and collaborative engagement. The authors gratefully acknowledge the invaluable guidance of Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin, the organisers of DIGITEX 2026, Universiti Teknologi Malaysia, and all individuals and institutions whose continuous support and encouragement made this achievement possible.

WHEN WAR IN THE GULF REACHES OUR SERVER ROOM

Geopolitical Risk, ICT Supply and the Case for a Faster Procurement Response



Article by:

**DR MUHAMMAD ASYRAF BIN
RODZOAN**
Department of Information Systems
asyrafrodzoan@iiium.edu.my

A laptop tender that should take two weeks. A network switch quotation that expires before the purchase order is even signed. A vendor who, for the first time, says the price is only good for three weeks, not three months. These are not vendor idiosyncrasies. They are the visible edge of a geopolitical shock that began in the Strait of Hormuz and is now working its way into ICT procurement desks across Malaysia, including ours.

Since the closure of the Strait of Hormuz following the February 2026 US-Israel-Iran conflict, global shipping, semiconductor, and freight markets have been repricing at a pace institutional procurement systems were never built to match. This is not a distant headline. It is already shaping the quotations landing on KICT's desk, and it will keep doing so for as long as the crisis persists.

THE FLASHPOINT: HOW A STRAIT IN THE GULF BECAME AN IT PROBLEM

On 28 February 2026, coordinated US-Israeli strikes on Iran triggered the most severe disruption to the Strait of Hormuz in modern history, a waterway carrying roughly a fifth of the world's oil and liquefied natural gas (LNG) on any given day. Within days, every major container line, including Maersk, MSC, CMA CGM, and Hapag-Lloyd, suspended transits, and war-risk insurers withdrew cover for Gulf transits entirely. Vessel traffic through the strait collapsed to roughly three to five percent of pre-crisis levels, with more than 1,500 vessels stranded in and around the Gulf as of May 2026.

What makes this different from earlier shipping disruptions, such as the 2021 Suez blockage or the 2023-2025 Red Sea crisis, is that the underlying financial infrastructure broke, not just the physical route. Once insurers pulled cover, ships could not legally dock at most major ports regardless of whether the strait was technically passable. That single mechanism is what turned a regional conflict into a global cost event within a matter of days.

FROM OIL CHOKEPOINT TO CHIP SHORTAGE

The link to ICT hardware runs through two channels: energy and industrial gas. Qatar, whose Ras Laffan LNG and helium facility was struck early in the conflict, supplies roughly a third of the world's helium, a gas with no viable substitute for wafer cooling, EUV lithography, and leak detection in chip fabrication. Spot helium prices have doubled since the crisis began. Taiwan and South Korea, the world's two dominant wafer fabrication hubs, both depend heavily on Gulf-linked LNG for grid electricity, meaning any prolonged disruption threatens fab output directly, not just shipping.

Layered on top of this is the freight problem itself. Cargo diverted around the Cape of Good Hope adds ten to nineteen days of transit time and materially higher fuel and insurance costs, with war-risk surcharges of up to USD 1,500 per container reported on Gulf-linked lanes. For any ICT distributor sourcing components, servers, or finished hardware through these routes, that cost is inevitably passed downstream, to resellers, and finally to institutional buyers like KICT.

"Middle East tensions create not two separate risks but a single, compounding supply shock that simultaneously impacts electricity generation and critical process gases in wafer fabs, which in turn can ripple to downstream assembly, test, and packaging operations." — Maybank Research, March 2026

WHY MALAYSIA, AND KICT, ARE NOT IMMUNE

Malaysia does not depend on Qatari LNG or helium the way Taiwan and South Korea do, and research houses such as Maybank describe the local semiconductor and electronics sector as structurally insulated from direct energy disruption. But "insulated" does not mean "unaffected." Malaysia absorbs the crisis indirectly, through three channels that matter directly to ICT procurement: rising global freight and insurance costs baked into every import quotation; upstream component and raw material inflation flowing from Taiwanese and Korean fabs into finished hardware prices; and congestion at alternative transshipment hubs, including Port Klang and Tanjung Pelepas, as vessels reroute away from the Gulf.

Malaysian shipping industry figures have publicly confirmed that Gulf-bound cargo now moves almost entirely through alternative routing via Oman and the Red Sea before continuing overland, a pattern that adds cost and time to nearly every import lane touching the region, even those that never physically enter the Gulf. This is the operating environment our vendors are quoting into today, and it is the direct reason vendors can no longer commit to the 60 to 90 day price validity that our procurement timelines assume.



Figure 1: From Gulf conflict to shortened vendor price-validity windows.

PRACTICAL IMPLICATIONS FOR KICT PROCUREMENT

The three-week price lock we are now encountering is not a vendor being difficult. It is a rational response to a market where a vendor's own upstream cost can move before a 90-day institutional procurement cycle even reaches approval. Retrofitting our process after a quotation lapses, through a repeated RFQ, is far costlier than adjusting the process to absorb this volatility from the outset. The stages below map that adjustment.



THE ASK

None of this requires abandoning procurement governance. It requires procurement to accept that the assumptions behind the standard timeline, namely stable vendor pricing over 60 to 90 days, no longer hold for ICT hardware while this crisis continues. A documented exception for price-volatile categories, or a short-term panel arrangement, would let KICT act inside the vendor's window rather than losing quotations, re-tendering at a higher price, and delaying the very projects this equipment was procured to support.

REFERENCES

- Al Habtoor Research Centre. (2026, March 19). Strait of Hormuz closure: Strategic implications for the global semiconductor industry.
- Al Jazeera. (2026, April 28). When will Strait of Hormuz be 'safe' for commercial shipping again?
- Carra Globe. (2026, March 22). Semiconductor supply chain disruption 2026: How the helium crisis is hitting chip fabs.
- Carra Globe. (2026, May 8). Strait of Hormuz closure 2026: What it means for your supply chain and shipping routes.
- Discovery Alert. (2026, April 26). Strait of Hormuz Shipping Disruption 2026 Impact. Retrieved from <https://discoveryalert.com.au/strait-hormuz-shipping-disruption-oil-prices-trade-routes-2026/>
- EE Times. (2026, April 24). What Hormuz exposed about our semiconductor supply chain.
- New Straits Times. (2026, March 26). Tensions raise costs, but Malaysia's shipping outlook supported by strong trade growth.
- SeaVantage. (2026, April 12). Strait of Hormuz crisis 2026: Full timeline & ocean freight impact.
- TechInsights. (2026). Strait of Hormuz disruption: Semiconductor supply risk webinar.
- TNGlobal / Maybank Research. (2026, March 26). Middle East tensions pose mixed risks for semiconductor supply chain, Malaysia partially insulated.
- Wikipedia. (2026). 2026 Strait of Hormuz crisis.

Welcome to KICT

NEW STAFF APPOINTMENT

IIUM
INTERNATIONAL ISLAMIC
UNIVERSITY MALAYSIA

KULLIYAH OF
INFORMATION &
COMMUNICATION
TECHNOLOGY

A Warm
WELCOME

WE'RE THRILLED TO HAVE YOU ON BOARD!

**DATO' MOHAMAD
AKHTAR BIN
AHMAD ZAINUDIN**

SENIOR ACADEMIC FELLOW (AF3)

**DEPT. OF
INFORMATION SYSTEM**

INNOVATE
Creating solutions
for tomorrow

CONNECT
Building strong
collaborations

EMPOWER
Sharing knowledge,
driving impact

EXCEL
Striving for
excellence

KICT IIUM

Congratulations

ACADEMIC STAFF PROMOTION



INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
جامعة اسلامیة اسلامیة مالیزیا
Center of Knowledge and Islam

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

Heartiest
CONGRATULATION

WARMEST WISHES ON YOUR WELL-DESERVED
ACHIEVEMENT

Assoc. Prof. Dr.
**AZLIN
NORDIN**

on your promotion
to the post of

**ASSOCIATE
PROFESSOR**

“ Your dedication, expertise and
leadership continue to inspire us all.
*Wishing you continued success
in all your future endeavors.*



ICT LEADERSHIP | ACADEMIC EXCELLENCE | INSPIRING FUTURES

Congratulations

ACADEMIC STAFF PROMOTION



الجامعة الإسلامية العالمية
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
جامعة إسلامية عالمية

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KT/1/2021 / JAM/000101-00016 / BERNAMA ON 24, 25 JANUARI

Heartiest CONGRATULATION

...
WARMEST WISHES ON YOUR
WELL-DESERVED ACHIEVEMENT

Assoc. Prof. Ts. Dr.
**HAFIZAH
MANSOR**

on your **promotion**
to the post of

**ASSOCIATE
PROFESSOR**

“ Your dedication, expertise and
leadership continue to inspire us all.
*Wishing you continued success in all
your future endeavors.*

ICT LEADERSHIP | ACADEMIC EXCELLENCE | INSPIRING FUTURES





الجامعة الإسلامية العالمية
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
جامعة إسلامية عالمية

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KT/1/2021 / JAM/000101-00016 / BERNAMA ON 24, 25 JANUARI

Heartiest CONGRATULATION

...
WARMEST WISHES ON YOUR WELL-DESERVED
ACHIEVEMENT

Assoc. Prof. Ts. Dr.
**HAZWANI
MOHD MOHADIS**

on your **promotion**
to the post of

**ASSOCIATE
PROFESSOR**

Your dedication, expertise and
leadership continue to inspire us all.
*Wishing you continued success
in all your future endeavors.*



Congratulations

COMPLETION OF RESEARCH GRANT



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
بوتريسني إسلامك لبراهمة منعمها
Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY
KHALIFAH • AMĀNAH • IQRA' • RAHMATAN UL ĀLAMĪN

UMMATIC EXCELLENCE
LEADING THE WORLD

CONGRATULATIONS

FOR COMPLETION OF
**PUBLIC-PRIVATE RESEARCH NETWORK GRANT
(PPRN)**

PROJECT TITLE
**API AND PERMISSIONED BLOCKCHAIN
BASED DIGITAL CERTIFICATES**

AMOUNT
RM 103,000.00

FUNDING FROM
**MOHE & SERUNAI
COMMERCE SDN. BHD**



ASST. PROF. DR. RIZAL MOHD NOR
PROJECT LEADER

CO-RESEARCHERS



**AP. TS. DR. HAFIZAH BINTI
MANSOR**



**DR. AMIR 'AATIEFF BIN
AMIR HUSSIN**



**DR. MOHD KHAIRUL AZMI
HASSAN**



**AP DR. NORMAZIAH BINTI
ABDUL AZIZ**

Congratulations

COMPLETION OF RESEARCH GRANT



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY
KHALEFAT • AMĀNĀH • IQRĀ' • RAHMATAN UL-ĀLAMĪN

UMMATIC EXCELLENCE
LEADING THE WORLD

CONGRATULATIONS

FOR COMPLETION OF
**FUNDAMENTAL RESEARCH GRANT SCHEME
EARLY CAREER RESEARCHER (FRGS-EC)**

PROJECT TITLE
**DEVELOPMENT OF EXTENDED REALITY
FRAMEWORK TO ENHANCE STUDENTS'
OUTCOME-BASED EDUCATION**

AMOUNT
RM 29,100

FUNDING FROM
MOHE

CO-RESEARCHER



**ASST. PROF. TS. DR. AIDRINA MOHAMED
SOFIADIN**
PROJECT LEADER



PROF. TS. DR. MIRA KARTIWI

Congratulations

NEW RESEARCH GRANT SECURED



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
بونسو بسو لنسار لنسار بونسو
Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KHAULAH • AMANAH • IQRA' • RAHMATAN UL ALAMIN

CONGRATULATIONS

FOR BEING AWARDED
SPONSORED RESEARCH GRANT (PRIVATE)

PROJECT TITLE

**STORIES OF STRENGTH
AND YOUTHPRENEURSHIP**

AMOUNT

RM 24,606.00

FUNDING FROM

CIMB FOUNDATION



ASST. PROF. DR. SITI ASMA MOHAMMED
PROJECT LEADER

CO-RESEARCHERS



**DR. NOOR AZURA BINTI
ZAKARIA**



**DR. ELIN ELIANA BINTI
ABDUL RAHIM**



**AP. TS. DR. HAFIZAH BINTI
MANSOR**



**TS. DR. DINI OKTARINA DWI
HANDAYANI**

Congratulations

COMPLETION OF THE PROPOSAL DEFENSE



William A/L Norris
G2212399
Doctor of Philosophy in Computer Science and Information Technology



Congratulations

ON YOUR PROPOSAL DEFENSE !

► **The Distributed System's Impact on Bitcoin's Changing Transaction Network**



SUPERVISORY MEMBERS:
Main Supervisor : Asst. Prof. Dr. Adamu Abubakar Ibrahim
Co-Supervisor 1 : Asst. Prof. Dr. Dini Oktarina Dwi Handayani
Co-Supervisor 2: Asst. Prof. Dr. Zainab Senan Mahmud Attar Bashi

PROPOSAL DEFENSE COMMITTEES:
Chairman: Assoc. Prof. Dr. Nurul. Nuha Binti Abdul Molok
Examiner 1: Asst. Prof. Dr. Mohd Izzuddin Bin Mohd. Tamrin
Examiner 2: Asst. Prof. Dr. Najhan bin Muhammad Ibrahim



Kyaw Soe Aung
G2413883
Master in Information Technology



Congratulations

ON YOUR IT RESEARCH PROPOSAL!

► **AI-Based Chest X-ray Interpretation for Detection of Lung Diseases**



SUPERVISORY MEMBERS:
Main Supervisor: Dr. Abdul Rafiez Abdul Raziff
Co-supervisor 1: Dr. Najhan Muhammad Ibrahim

PROPOSAL DEFENSE COMMITTEES:
Examiner 1: Asst. Prof. Dr. Mohd Izzuddin in Mohd. Tamrin
Examiner 2: Asst. Prof. Dr. Muhamad Sadry Abu Seman

Congratulations

COMPLETION OF THE VIVA VOCE/PTEM

Congratulations

ON YOUR VIVA VOCE !

- **A Software Testing Framework For Assessing The Performance of Blockchain-Based Systems in Financial Services**



Nadiah Binti Arsat

G2110742

Doctor of Philosophy in Computer Science and Information Technology



SUPERVISORY MEMBERS:

Chairman: Dato' Prof. Norbik Bashah bin Idris
Main Supervisor: Assoc. Prof. Ts. Dr. Normi Sham Bt. Awang Abu Bakar
Co-Supervisor: Dr. Norzariyah Binti Yahya

EXAMINER COMMITTEES:

Internal Examiner 1: Assoc. Prof. Dr Lili Marziana Binti Abdullah
Internal Examiner 2: Asst. Prof. Dr. Sharyar Wani
External Examiner 2: Prof. Ts. Dr. Mohd Nazri Bin Kama

Congratulations

ON CONQUERING YOUR VIVA (PTEM)!

- **Computational Approaches for Evaluating the Rehabilitation Internet of Things (RIoTu2) in Post-Stroke Patients**



Islam Md Sariful

G2411807

Master in Computer Science and Information Technology



POST THESIS EVALUATION MEETING COMMITTEE (PTEM) :

- Assoc. Prof. Dr. Adamu Abubakar Ibrahim (Chairperson)
- Asst. Prof. Dr. Rizal bin Mohd Nor (Internal Examiner)
- Asst. Prof. Dr. Zainab Senan Mahmood Atar Bashi (Internal Examiner)
- Assoc. Prof. Ts. Dr. Mohd Ibrahim bin Shapiai@Abd. Razak (External Examiner)
- Asst. Prof. Dr. Muhammad Asyraf bin Rodzoan (Kulliyah Representative)
- Asst. Prof. Ts. Dr Ahmad Anwar bin Zainuddin (Main Supervisor)
- Asst. Prof. Dr. Asmarani binti Ahmad Puzi (Co-Supervisor)



Congratulations

COMPLETION OF THE VIVA VOCE/PTEM

Congratulations



ON CONQUERING YOUR VIVA (PTEM)!

Hybrid Machine Learning Framework for District Scale Flood Nowcasting in Kelantan Using Radar-Derived Rainfall Features



Md Tanvir Hasan
G2314527
*Master in Computer Science
and Information
Technology*



POST THESIS EVALUATION MEETING COMMITTEE (PTEM) :

- Assoc. Prof. Dr. Adamu Abubakar Ibrahim (Chairperson)
- Asst. Prof. Dr. Sharyar Wani (Internal Examiner)
- Assoc. Prof. Ts. Dr. Mohd Ibrahim bin Shapiai@Abd. Razak (External Examiner)
- Asst. Prof. Dr. Nurul Nadhrah Binti Kamaruzaman (Kulliyyah Representative)
- Asst. Prof. Dr. Atikah Balqis Binti Basri (Main Supervisor)
- Asst. Prof. Ts. Dr Dini Oktarina Dwi Handayani (Co-Supervisor)
- Asst. Prof. Ts. Dr Ahmad Anwar Bin Zainuddin (Co-Supervisor)



USRAH & TAZKIRAH : ISLAMIZATION

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

YOU ARE INVITED TO ATTEND
USRAH TAFSIR AL-AZHAR NO. 391
SURAH YUSUF: 1 – 6 (JUZ 12)

Ustaz Tafsir Al-Azhar
Ustaz Dr. Razali Nawawi

Invited Speakers:



Ustaz Ismail Che Ku
Murabbi Madani



Ustaz Mohd Naim
Mohd Nor
EXCO WADAH



Ustaz Haji Zaidan Haji
Ismail, Tilawah
Judge, State &
National

Date 3 July 2026
17 Muharam 1448
(Friday)

Time 8:30 a.m. - 9:30 a.m.

Venue Usrah Room, Level 2,
KICT Building, IIUM

Zoom Meeting ID: 969 8041
2262
Passcode: ikhlas4

Zoom:
<https://iiu.zoom.us/j/96980412262?pwd=HJYfBaAGJefVI7ny6DlSCj0lURLb.1>

Community Engagement @
Semantic Body of Knowledge & Technology RU
ICT & Islam RU
Kulliyah of ICT Staff Welfare Club, IIUM
Office of the Deputy Rector (Student Development & Community Engagement)

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

You are invited to attend
TAZKIRAH NO. 259

Why Does Allah Allow Satan to Tempt Human Beings?

Invited Speaker:
Yusuf Kara
Manager, Nursi Research and
Training Centre (NRTC)

DATE: 10 July 2026 / 24 Muharam 1448 (Friday)

TIME: 8:30 a.m. – 9:30 a.m.

VENUE: Usrah Room, Level 2, KICT (Max: 5)

Join Zoom Meeting
<https://iiu.zoom.us/j/96980412262?pwd=HJYfBaAGJefVI7ny6DlSCj0lURLb.1>
Meeting ID: 969 8041 2262 Passcode: ikhlas4

Community Engagement @
Semantic Body of Knowledge & Technology RU
ICT & Islam RU
Kulliyah of ICT Staff Welfare Club, IIUM
Office of the Deputy Rector (Student Development & Community Engagement)

الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
TAWHIDIC EPISTEMOLOGY UMMATIC EXCELLENCE
LEADING THE WAY LEADING THE WORLD

Islamisation Intellectual Discourse
Reclaiming The Muslim Identity: An Exploration On 21st Century Challenges And Crises



Asst. Prof. Dr.
Mohamad Haeqal Bin Ishak

Date ; 22 June 2026 (Monday)
Time : 11:00 am to 12.30 pm
Venue (Virtual): Google Meet

JOIN US

TALKS & SEMINARS: POSTGRADUATE



ISLAMIC STUDENT LEADERSHIP
LEADING THE WAY

Postgraduate SEMINAR

6/2026



CHAIRMAN

ASST. PROF. DR. NOR ANIS ASMA BINTI SULAIMAN

Via Google Meet

Friday
19 June 2026
9.30 AM

CANDIDATE:

- ANJORIN ISHAQ OWOLABI / G2426033 / PCST
- GANESIN SUPAYAH / G2232837 / PCST
- ALAM RAWSHAN / G2428881 / PCST



RESEARCH PROGRESS REPORT SUBMISSION REMINDER

Assalamualaikum warahmatullahi wabarakatuh,
Dear Student Research & Mixed Mode,

Kindly be informed that all students registered for Research Proposal / IT Research Proposal or Thesis / Dissertation in Semester 2, 2025/2026 are required to submit the Research Progress Report (Thesis / Dissertation) or Research Proposal Progress Report (Research Proposal / IT Research Proposal) within the following period:

SUBMISSION PERIOD

11 MAY 2026 – 26 JUNE 2026

(WEEK 11 – WEEK 17)

 Please note that submission through the i-Monitor system is compulsory, and late submission may affect your academic progress for the current and upcoming semesters.

IMPORTANT NOTICE

Failure to comply with this requirement may affect your registration for the upcoming semester and may also impact your visa renewal process (if applicable).

Please remind your Supervisor to recommend your submission in the i-Monitor system and to ensure that the appropriate Head of Department (HOD) is selected to conduct the evaluation.

FRIENDLY REMINDER

26 JUNE 2026 (FRIDAY) IS THE FINAL DATE FOR STUDENTS TO SUBMIT THEIR PROGRESS REPORT THROUGH THE I-MONITOR SYSTEM.

AS OF TODAY, **24 JUNE 2026**, THERE ARE ONLY **TWO (2) DAYS** REMAINING BEFORE THE SUBMISSION DEADLINE.

Students who have not yet completed their submission are kindly advised to do so as soon as possible to ensure that the progress reporting process can proceed smoothly within the stipulated timeline.

Early submission is highly encouraged to avoid any last-minute technical issues or delays that may affect the submission process.



ACCESS TO THE SYSTEM

 For Students: **iMaluum**

Kindly disregard this announcement if it is not applicable to you.

 Thank you for your attention and cooperation.



ISLAMIC STUDENT LEADERSHIP
LEADING THE WAY

IIUM POSTGRADUATE COLLOQUIUM 2026

THEME TRANSFORMATIVE RESEARCH FOR UMMATIC EXCELLENCE

 **12 October 2026**

 **8:00 AM – 5:00pm**

 **BCIC Lodge, Kuantan**

 **Extended Abstract Submission Deadline: 30th June 2026**

 **Notification of Acceptance: 30th July 2026**

 **Registration and Payment: 31st August 2026**



REGISTRATION FEE

IIUM	NON IIUM
Oral Presenter: RM100	Oral Presenter: RM200
Participant: RM70	Participant: RM150

PUBLICATION OPPORTUNITIES

All accepted extended abstract will be published in Postgraduate Colloquium proceeding (with ISBN) (PE: 0.3)

Selected and invited full Paper:

- IIUM Journal of Orofacial and Health Sciences (IJOHS) (MYCITE)(PE:1)
- Revelation and Science (MYCITE)(PE:1)
- Chemical and Natural Resources Engineering (MYCITE)(PE:1)
- PERINTIS e-Journal (Multidisciplinary Journal)(PE:0.7)

REGISTER NOW



SCAN ME

SCHOLARSHIP OPPORTUNITY FOR PG STUDENTS



TAWHIDIC EPISTEMOLOGY **UMMATIC EXCELLENCE**
LEADING THE WAY LEADING THE WORLD
EMPOWER - ENLIGHTEN - UPLIFT - INSPIRE TO ISLAMS



**INTERNATIONAL ISLAMIC UNIVERSITY
MALAYSIA**

IMTIAZ SCHOLARSHIP

Advance your academic aspirations with the IIUM Imtiaz Scholarship. This scholarship is offered to deserving Malaysian students who wish to pursue a Master's or Doctor of Philosophy (PhD) programme at the International Islamic University Malaysia (IIUM).

REQUIREMENTS TO APPLY:

- The applicant must be of high leadership and Islamic attributes
- The applicant must have received or shortlisted for an award during his/her graduation. The type of awards are as follows:

Bachelor programme in IIUM:

- Best student at the University level
- Best student awards at the Kuliyah or Department level

Master programme in IIUM:

- Best Master Student of each Kuliyah

Award from other Public Universities:

- Any award that relates to academic excellence for both at Bachelor and Master's level.

No.	ITEMS THAT COVERED	PH.D. (RM)	MASTER (RM)
1	Tuition Fees per semester (Maximum for 6 semesters)	3,300.00 (Maximum)	2,000.00 (Maximum)
2	Recurrent Fees (Maximum for 6 semesters)	302.50	302.50
3	hostel Fees (If applicable)	1,212.50	1,212.50
4	Allowance	1,000.00 x 36 months = 36,000.00	800.00 x 24 months = 19,200.00
5	Entrance Fee	710.00	710.00
6	Evaluation Fee	1,000.00	1,000.00

APPLY NOW UNTIL 7 AUGUST 2026



studentaffairs_cps@iium.edu.my
https://centre.iium.edu.my/cps/



TAWHIDIC EPISTEMOLOGY **UMMATIC EXCELLENCE**
LEADING THE WAY LEADING THE WORLD
EMPOWER - ENLIGHTEN - UPLIFT - INSPIRE TO ISLAM

IIUM POSTGRADUATE UMMATIC SCHOLARSHIP

Take the next step in your academic journey with the IIUM Postgraduate Ummatic Scholarship. This prestigious opportunity is open to outstanding international students who aspire to pursue a Doctor of Philosophy (PhD) at the International Islamic University Malaysia (IIUM).

Applications are now open!
Closing Date: 15 July 2026

 Full tuition fee waiver (up to RM81,400) for up to 6 semesters (inclusive of Takaful, recurrent, evaluation & bench fees)

 Monthly stipend of RM1,000 for up to 36 months

Note: Monthly stipend is not applicable for:

- International Institute of Islamic Banking and Finance (IIIBF)
- Kuliyah of Dentistry (KOD)



APPLY HERE

ELIGIBILITY CRITERIA

- ✓ Open to prospective full-time PhD students who will enrol in Semester 1, 2026/2027 at IIUM
- ✓ Minimum CGPA of 3.70 (or equivalent) in Bachelor's degree **AND** for Master's qualification:
 - Coursework mode: Minimum CGPA of 3.70 (or equivalent)
 - Research / Mixed mode: Minimum CGPA of 3.70 (for mixed mode), with a good publication record
- ✓ The applicant for the fast-track programme (direct entry from Bachelor's to PhD) must demonstrate proven research capability through publications
- ✓ The applicant must not exceed 30 years of age at the time of application
- ✓ The applicant must produce evidence of IELTS score of at least 6.5 OR TOEFL 73-93 (internet based) OR have previously graduated from IIUM
- ✓ The applicant must not receive any other scholarship or financial award
- ✓ The applicant should demonstrate high commitment to Islamic values and manifest leadership potential



TAWHIDIC EPISTEMOLOGY **UMMATIC EXCELLENCE**
LEADING THE WAY LEADING THE WORLD
EMPOWER - ENLIGHTEN - UPLIFT - INSPIRE TO ISLAM

IIUM DISTINGUISHED DOCTORAL SCHOLARSHIP

Take your research to the next level with the IIUM Distinguished Doctoral Scholarship. The scholarship will supports doctoral studies that could lead to impactful and innovative research. It is also targeting to nurtures future leaders in the fields.

RESEARCH AREA TO EXPLORE:

- ✓ Islamic Thought & Civilization
- ✓ Psychology
- ✓ Science & Technology
- ✓ Interdisciplinary / Combined Studies

BENEFITS

- Full tuition fee sponsor up to RM95,875.00 for maximum duration to 6 semesters covering:

- ✓ Tuition Fees
 - ✓ Accommodation
 - ✓ Takaful

- ✓ Evaluation Fees
 - ✓ Bench Fees
- Monthly stipend of RM1,000 (up to 36 months)

APPLY BEFORE 31st JULY 2026 5.00 PM (MALAYSIA TIME)

SCAN HERE



ELIGIBILITY

- Applicants must be full-time PhD students expected to enroll into Semester 1, session 2026/2027
- Minimum CGPA 3.70 or equivalent in Master's degrees (by Research/ Mixed Mode)
- Not receiving any other scholarship or financial award at the same time
- Applicants must be 35 years old or below at the time of application



studentaffairs_cps@iium.edu.my https://centre.iium.edu.my/cps/

TALK AND SEMINARS: **TEACHING & LEARNING**



الجامعة الإسلامية العالمية
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
بزرگوار کی آفتاب از سر بلبل جامہا جاہمندیہ
Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KHALILAH • APARAH • IQRA' • RAHMATAN UL' ALAMIN

WORKSHOP

THE IMPLEMENTATION OF TAWHIDIC EPISTEMOLOGY IN ACADEMIC ACTIVITIES

**KULLIYAH OF
INFORMATION AND COMMUNICATION TECHNOLOGY**



DATE / DAY
1 July 2026
(Wednesday)



TIME
2.30 p.m – 4.30 p.m



VENUE
Conference Room,
KICT

PROGRAMME (2 HOURS)

DURATION	SESSION	METHOD
2.30 p.m – 2.40 p.m (0–10 min)	Introduction: Why Tawhidic Epistemology Matters in ICT	 Interactive discussion
2.40 p.m – 3.00 p.m (10–30 min)	Session 1: Foundations of Tawhidic Epistemology	 Mini lecture
3.00 p.m – 3.45 p.m (30–75 min)	Session 2: Academic Practices in ICT through a Tawhidic Lens Workshop Activity: Reflecting on Academic Practice	 Breakout session, Group discussion
3.45 p.m – 4.25 p.m (75–115 min)	Group Presentations and Discussion	 Sharing session
4.25 p.m – 4.30 p.m (115–120 min)	Key Takeaways and Closing	 Reflection



TALK AND SEMINARS: RESEARCH

THE DEEP-TECH PLAYBOOK:
How Japan Builds Startups, Attracts Investment, and Commercializes Research



DR. IZZAT SUFFIAN
Associate Professor
Nagoya Institute of Technology (NITech), Japan



YouTube
@OFFICIALIUM

Friday, 19th June 2026
from 9:00 AM to 11:00 AM
YOUTUBE @OFFICIALIUM

*CTD & STARPOINT PROVIDED

EDC @edcium

Pitching With Confidence:
SECURING GRANTS AND PARTNERSHIPS



PROF. TS. DR. MOHD HAFIZ BIN ARZMI
Professor, Kulliyah of Dentistry
Deputy Director, Technology Transfer Office (TTO)
Research Management Centre (RMC), IUM
Honorary Senior Fellow, The University of Melbourne

DATE
10TH JULY 2026

TIME
9:00 A.M - 11:00 A.M

LIVE ON
zoom

REGISTER NOW!



CTD points will be awarded to those who:

- Record their attendance in i-Attend
- Be present in the Zoom session for at least the required duration (as recorded in Zoom attendance logs)
- Submit the evaluation form within 24 hours

FAREWELL TALK
What They Don't Teach You About Grant Management: A Personal Journey

Join us for a special farewell talk that will be given by our beloved Dr. Zulkifli

DETAILS INFORMATION

MONDAY, 6 JULY 2026

11:00 A.M. - 1:00 P.M.

VIA ZOOM MEETING



ASSOC. PROF. EUR. ING. IR. TS. GS. INV.
DR. ZULKIFLI BIN ZAINAL ABDIN
(KULLIYAH OF ENGINEERING)

MODERATOR
ASSOC. PROF. CHM. TD. DR. SAIFUL 'ARIFIN BIN SHA'EE
(HEAD OF GOU, RMC)

SCAN HERE



RESEARCH



**THE 6TH INTERNATIONAL MULTI-CONFERENCE ON
ARTIFICIAL INTELLIGENCE TECHNOLOGY**
The Convergence of Intelligence: From Algorithms to Applications[®]

03-05
November 2026

 Taibud University,
Medan
Kingdom of Saudi Arabia

 IEEE  Xplore[®]

Hybrid (In-person and Virtual Participation)

KEYNOTE SPEAKERS



Prof. Dr. Shoaib Ameen Mohd Noor
Associate Professor
Universiti Kebangsaan Malaysia



Prof. Emeritus Dr. Abdul Raouf Haroon
Professor Emeritus
University of Malaya



Professor Hani Al-Khatib
Department Head
University of Al-Qadisiyah

CALL FOR PAPERS

The International Multi-Conference on Artificial Intelligence Technology (MCAIT 2026) invites researchers, scientists, engineers, and industry professionals to present and discuss the latest innovations, trends, results, and challenges in Artificial Intelligence (AI) and related technologies. MCAIT 2026 provides a global platform for exchanging ideas, fostering collaborations, and advancing AI research to address critical challenges across disciplines and industries.

CONFERENCE TRACKS

Track 1: Foundations and Frontiers of AI

- Advancing Large Language Models (LLMs)
- Smart Generation Models
- MultiModal AI: Integrating Text, Vision, Audio
- Reasoning and Interpretable AI Techniques
- Self-Supervised and Unsupervised Learning
- AI and Quantum Computing
- Optimization Algorithms or Applications

Track 2: Applied and Domain-Specific AI

- AI for Healthcare
- AI for Climate Science and Sustainability
- AI in Robotics and Human-Robot Collaboration
- AI in Creative Industries
- AI for Social Good
- AI in Legal, Financial, and Industrial Sectors

Track 3: Intelligent Systems, Embedded AI and Cyber Technologies

- Real-time AI in Embedded Systems
- Robotics for Autonomous Vehicles and Drones
- AI for Cybersecurity and Threat Detection
- Cyber Intelligence

Track 4: Emerging ICT, Data and Immersive Technologies

- Big Data and Decision-Making
- Cloud Analytics and AI Applications
- Emerging ICT Applications

Track 5: Smart Cities

- Intuitive Technologies for Smart Urban Living
- Smart Solutions for Modern Cities

- Pattern Recognition and Machine Learning
- Natural Language Processing
- Generative Technology
- Knowledge Management
- Information Retrieval
- Data & Text Mining

- Pattern Recognition and Machine Learning
- Natural Language Processing
- Generative Technology
- Knowledge Management
- Information Retrieval
- Data & Text Mining

- Pattern Recognition and Machine Learning
- Natural Language Processing
- Generative Technology
- Knowledge Management
- Information Retrieval
- Data & Text Mining

CONFERENCE FEE

Category	Early Registration	Regular Registration	Online
IEEE Member (Author)	\$280	\$350	\$500
Non-IEEE Member (Author)	\$330	\$350	\$240
Student IEEE Member	\$90	\$230	\$190
Student Non-Member	\$230	\$260	\$250
Extended (Non-Author)	\$100	\$50	\$50
Additional Paper Fee	\$10	\$10	\$10
Additional Page Fee	\$30 per page	\$30 per page	\$30 per page

IMPORTANT DATES 2026

31 July 2026	Paper Submission Deadline
17-25 August 2026	Notification of Acceptance
5 September 2026	Camera-Ready Submission
5 September 2026	Early Registration
25 September 2026	Registration

Organized by



TAIBUD UNIVERSITY

مؤتمرات



MCAIT 2026

For more details on places visit <https://mcait2026.org>

+91 93-8831 9764 / 9720 / 1682

© 2026 MCAIT 2026

Follow us



CALL FOR PAPERS

10TH INTERNATIONAL CONFERENCE ON MECHATRONICS ENGINEERING

"Advanced Mechatronics: Shaping Intelligent Machines and Systems for the Future"

08-09 *hybrid*
SEPTEMBER 2026
KUALA LUMPUR, MALAYSIA



SCOPE OF TOPICS (BUT NOT LIMITED TO):

CONTROL, INTELLIGENCE, AND AUTONOMOUS SYSTEMS

Artificial intelligence and machine learning, advanced instrumentation and control, fault detection and diagnosis, autonomous vehicles and transportation systems, intelligent control

ROBOTICS, MANUFACTURING, AND HUMAN-CENTRIC MECHATRONICS

Robotics and automation, manufacturing mechatronics, human-machine interfaces, biomechatronics and rehabilitation engineering

SENSING, SIGNAL PROCESSING, AND ELECTRO-MECHANICAL TECHNOLOGIES

Sensors and actuators, image, speech and signal processing, smart structures and vibration control, MEMS and NEMS, and electro-mechanical system design.

IMPORTANT DATES

Submission Deadline	Notification of Acceptance	Camera Ready	Registration	Conference Dates
May 26, 2026	June 26, 2026	Aug 19, 2026	Aug 24, 2026	Sept 08-09, 2026
26 July 2026	26 August 2026	31 August 2026	31 August 2026	

PUBLICATION

Scopus[®]

Sponsoring journal

Accepted papers will be
submitted to IEEE Xplore

CONFERENCE FEE

PHYSICAL	INTERNATIONAL	LOCAL	ONLINE
PRESENTING	USD 300	MYR 975	PRESENTING
ADDITIONAL PAPER (BEST ABSTRACT)	USD 100	MYR 350	ADDITIONAL PAPER (BEST ABSTRACT)
NON- PRESENTING	USD 100	MYR 300	NON- PRESENTING
IEEE MEMBER	USD 280	MYR 925	IEEE MEMBER
IEEEAS MEMBER	USD 250	MYR 875	IEEEAS MEMBER

POSTER FEE

INTERNATIONAL	LOCAL	ACADEMIA	INDUSTRY
USD 200	MYR 700	RM 100	RM 150
USD 100	MYR 350		
USD 50	MYR 100		
USD 180	MYR 650		
USD 160	MYR 580		

AWARDS

- Best Paper For Each Session
- Best Presenter
- Best Poster

FURTHER
INFO:

ORGANIZED BY:

IUTM

CO-HOST:

SRM

SPONSORS:

<https://sintechcomjournal.com/index.php/stc>

CALL FOR PAPERS

Science, Technology, and Communication Journal (SINTECHCOM Journal)

A peer-reviewed scientific journal published regularly in **February, June, and October**, featuring original research in basic science, engineering, and telecommunications.

Accredited
SINTA 3
Decree No.
156/C/C3/KPT/2026

SCOPE OF THE JOURNAL

Basic Science:

Chemistry, Physics, Biology,
Statistics & Mathematics, Earth Science,
Space Engineering

Engineering: Chemical Mechanical
Food & Agriculture, Electrical,
Environmental, Renewable Energy

Communication & Computing:

Telecommunication, Electronic & Optic
Communication, Image Processing,
Computer Vision, Pattern Recognition,
Computer Science, Information Systems,
Artificial Intelligence

MANUSCRIPT REQUIREMENTS

- ☒ Original work
- ☒ Not previously published
- ☒ Not under consideration elsewhere
- ☒ Subject to editorial screening and peer review

SCAN QR
FOR SUBMISSION /
INFORMATION

Scan to visit our website
and submit your manuscript.

**SUBMIT YOUR BEST SCIENTIFIC
ARTICLE WITHIN THE JOURNAL SCOPE**

Sincerely,
Editorial SINTECHCOM Journal

RESEARCH TIPS AND FAQs

RESEARCH GRANT ADMINISTRATION UNIT (RGAU)

RGAU, RMC IIUM

AP. DR. JAMILAH HANUM
Deputy Director, RGAU, RMC IIUM



ATASHA

- Registration (MoHE Grant)
- Research Completion
- Research Assistant Appointment



HAIDA

- Registration (Sponsored / Internal Grant)
- Extension (Internal Grant/ Sponsored Research)
- Change of PI/ Terminate or Add Member



AIN NAZURAH

- Progress Report
- Other Matters



SALWANI

- Local / Overseas Conference
- Extension (MoHe Grant)
- GRA/RO
- Research Activity Proposal



LAILI

- Research Claim (MoHE Grant)
- Research Advancement (MoHe Grant)
- Budget Reallocation (MoHE Grant)
- Publication Fee



MAJDIAH

- Research Advancement (Sponsored)
- Budget Reallocation (Sponsored / Internal Grant)



[https://centre.iium.edu.my/rmc/](https://centre.iium.edu.my/rmc/teamgmu@iium.edu.my)
teamgmu@iium.edu.my

APPLICATION FOR PROGRESS REPORT

Checklist of Request:

- Project Milestones
- Research Outputs (Publication)
- Research Outputs (Intellectual Property)
- Research Outputs (Human Capital)
- Uploaded Documents

Legend:

HOR: Head of Research
DD: Deputy Director
GMU: Grant Management Unit
PI: Principal Investigator

01. Researcher submit the application for progress report in RMSV2 
02. HOR receive the notification via email on the application 
03. HOR will Login RMSV2 
04. HOR look up the application for progress report 
05. HOR will check the eligibility of the application:
1.If **YES**, proceed to the next step
2.If **NO**, return the application to the researcher and back to Step 1
06. HOR recommend the application 
07. DD GMU will receive the notification via email on the recommended application 
08. DD GMU will approval the application 
09. PI will receive the notification via email on the approved application 

RESEARCH TIPS AND FAQs

RGAU, RMC IIUM

RESEARCH GRANT ADMINISTRATION UNIT



RMC

Research Management Centre
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

We are here to support your research journey.



YOUR RGAU OFFICERS

1

**Sr. Nur
Atasha Rosman**

- Registration (MoHE Grant)
- Research Completion
- Research Assistant Appointment



nuratasharosman@iium.edu.my



Ext: 5016

2

**Sr. Hayatul Haida
Binti Harun**

- Registration (Sponsored/
Internal Grant)
- Extension (Internal Grant/
Sponsored Research)
- Change of PI / Terminate or
Add Member



haida@iium.edu.my



Ext: 6199

3

**Sr. Ain Nazurah
Binti Musa**

- Progress Report
- Other Matters



ainnazurah@iium.edu.my



Ext: 6194

4

**Sr. Salwani
Binti Riffin**

- Local/Overseas Conference
- Extension (MoHE Grant)
- GRA/RO
- Research Activity Proposal



salwaniriffin@iium.edu.my



Ext: 5008

5

**Sr. Nur
Laili Sanadi**

- Research Claim (MoHE Grant)
- Research Advancement
(MoHE Grant)
- Budget Reallocation (MoHE Grant)
- Publication Fee



nurlailisanadi@iium.edu.my



Ext: 5017

6

**Sr. Majdiah
Binti Che Othaman**

- Research Advancement
(Sponsored Research)
- Budget Reallocation
(Sponsored/Internal Grant)



omajdiah@iium.edu.my



Ext: 5009



RMC WEBSITE
<https://centre.iium.edu.my/rmc/>



GENERAL ENQUIRIES
teamgm@iium.edu.my

Together, we empower research excellence.



Article

Abdul Kadir, Andi Fitriah (2026) [Beyond 123456 : fixing password habits](#). KICT Newsletter, NA (2). pp. 7-12. E-ISSN 3083-9904

Abdul Kadir, Andi Fitriah (2026) [From red to blue: a podium finish that shaped future cybersecurity professionals](#). KICT Newsletter, NA (1). pp. 4-6. E-ISSN 3083-9904

Ajaz, Ubaid and Attarbashi, Zainab and Babiker Omer Elagib, Sara and Hassan Abdalla Hashim, Aisha (2026) [Optimizing load balancing framework for a distributed local network](#). International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 131-136. E-ISSN 2462-229X

Arsat, Nadiah and Awang Abu Bakar, Normi Sham and Yahya, Norzariyah and Jamil, Muhammad Abid (2026) [Testing blockchain-based systems in the financial domain: a review of the literature](#). Journal of Advanced Research in Applied Sciences and Engineering Technology, 56 (4). pp. 32-50. ISSN 2462-1943

Ghulam Hussain, Muhammad Thaqif and Shafeeq Lone, Aman and Maspo, Nur-Adib and Attarbashi, Zainab (2026) [Anomaly detection of denial-of-service network traffic attacks using autoencoders and isolation forest](#). International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 145-151. E-ISSN 2462-229X

Islam, Mohammad Raihanul and Abdul Kadir, Andi Fitriah and Ismail, Syazwan Aizat (2026) [A conceptual framework for a lightweight AI system for skin disease risk prediction using epidemiological data in rural Bangladesh](#). International Journal on Perceptive and Cognitive Computing (IJPCC), 12 (1). pp. 81-91. E-ISSN 2462-229X

Ismail, Ahsiah and Abdul Rahim, Elin Eliana and Handayani, Dini Oktarina Dwi and Basri, Atikah Balqis (2026) [Empowering young minds, enriching communities through artificial intelligence and cultural innovation](#). KICT Newsletter, NA (2). pp. 19-22. E-ISSN 3083-9904

Ismail, Ahsiah and Idna Idris, Mohd Yamani (2026) [Comparative evaluation of lightweight CNN and YOLOv8 models for brain tumor detection in resource-constrained settings](#). International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 53-64. E-ISSN 2462-229X

Kamaruddin, Amalia and Mohd Arifin, Siti Roshaidai and Muhammad, Noor Azimah and Nurumal, Mohd. Said and Mohd Mohadis, Hazwani and Nik Hussain, Nik Hazlina and Wardaningsih, Shanti and Azahari, Nur Aliya (2026) [Perspectives and support needs for a spouse-inclusive digital intervention for perinatal depression and anxiety: a qualitative study](#). Women's Health Nursing, 32 (2). pp. 153-167. ISSN 3022-7666 E-ISSN 3022-8247

Khairil Khusnin, Khairil Nazrel and Muhamad Rashidi, Muhammad Fayyadh and Zainal Azmi, Nurazlin (2026) [Design and preliminary evaluation of an immersive 3D stereoscopic simulation game for historical education: the Hindenburg disaster](#). International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 46-52. E-ISSN 2462-229X

Mahmod Attar Bashi, Zainab Senan and Abd Rasid, Muhammad Aliff Iman and Mohd Razmi, Muhammad Alif Haziq and Sakka, Oula and Mohd Aman, Azana Hafizah (2026) [Building cyber defense skills: the CipherQuest educational CTF framework](#). Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 73-83. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Kamarudin, Kay Aiman Fitri and Mohammad Rafaii, Ikmal Ikhwan and Sakka, Oula and Mohd Aman, Azana Hafizah (2026) [Automating co-curricular management: an NFC-based system for streamlining student engagement at IIUM](#). Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 53-62. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Sakka, Oula and Abdul Rahim, Elin Eliana (2026) [Artificial intelligence tools in Arabic learning content creation: evaluating the benefits and overcoming the challenges](#). Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 197-206. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Saniza, Auni Fatini and Shafudin, Nazihah and Sakka, Oula and Basri, Atikah Balqis and Mohd Aman, Azana Hafizah (2026) [A low-cost traffic generation system using open-source software for accessible cyber ranges](#). Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 149-162. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mohamed Sofiadin, Aidrina (2026) [Artificial intelligence: "mental junk food" vs "superfood"](#). KICT Newsletter, NA (2). pp. 13-15. E-ISSN 3083-9904

Mohd Tamrin, Mohd Izzuddin and Jamaludin, Iqbal and Sapuan, Abdul Halim and Che Azemin, Mohd Zulfaezal and Shah, Asadullah (2026) [Lightweight texture-based classification of Huffaz status from structural MRI using GLCM correlation and Brodmann-area VOIs](#). VFAST Transactions on Software Engineering, 14 (1). pp. 301-317. ISSN 2411-6246 E-ISSN 2309-3978

Mohd Tamrin, Mohd Izzuddin and Turaev, Sherzod and Sase, Takumi and Che Azemin, Mohd. Zulfaezal and Tengku Sembok, Tengku Mohd (2026) [Canthus-scaled 468-landmark FaceMesh framework for pupillary distance estimation using nested AutoML calibration](#). International Journal of Advanced Computer Science and Applications, 17 (6). pp. 438-445. ISSN 2158-107X E-ISSN 2156-5570

Muhammad, Muhd. Rosydi (2026) [The soul in the machine: bridging byte and belief in the age of Artificial Intelligence](#). KICT Newsletter: SPECTRUM, April (3). pp. 4-9. E-ISSN 3083-9904

Pratama, Arizqi Ihsan and Anas, Fauzi and Muhammad, Muhd. Rosydi (2026) [A humanistic pesantren curriculum model based on digital technology for strengthening 21st-century competencies](#). Ta'dibuna: Jurnal Pendidikan Islam, 15 (1). pp. 162-180. ISSN 2252-5793 E-ISSN 2622-7215

Article

Rahman, M.M. Hafizur and Al Naeem, Mohammed Abdul Aziz and Ibrahim, Adamu Abubakar (2026) Detection of DSCP-based traffic prioritization manipulations and their impact on network performance. Scientific reports, 16 (10637). pp. 1-21. E-ISSN 2045-2322

Shah Ahmad Shahrizal, Ahmad Nur Zafran and Mohammad, Danish Haikal and Attarbashi, Zainab and Hasan Alamrami, Amal Abdulwahab and Maspo, Nur-Adib (2026) A hybrid overlay architecture for social feature integration in browser-based cloud gaming. International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 137-144. E-ISSN 2462-229X

Wasiq, Shafiullah and Zeki, Akram M. (2026) Factors influencing the adoption of IoT healthcare products and services: an empirical study of the end consumers. Open International Journal of Informatics, 14 (1). pp. 68-84. E-ISSN 2289-2370

Zulkifli, Zahidah and Abd Rahim, Noor Hayani and Alam, Tahmid and Yusoff, Fakhru Hazman and Rahman, Mohammad Masudur (2026) Uncovering ethical values in information systems development methodologies: a systematic literature review. Malaysian Journal of Computing, 11 (1). pp. 2421-2436. E-ISSN 2600-8238

Proceeding Paper

Abd Rahim, Noor Hayani and Zainuddin, Ahmad Anwar and Ahmad, Norhanim Fatimah and Abd Wahid, Nurul Hidayah and Muhamad Nasir, Nurul Farah Hanim and Kamarudin, Saidatul Izyanie and Abdul Rahman @ Suliman, Siti Husna (2026) Fortifying the pipeline: WSN security challenges and mitigation strategies in student-driven IoT innovation (a case study of IoTeams). In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), KUALA LUMPUR, Malaysia, 2025, 26-27 November 2025, Kulliyah of ICT, IIUM.

Abdul Rahim, Elin Eliana and Ismail, Ahsiah (2026) Chatbot personalities in digital learning: integrating characteristics that support learning to enhance learner engagement. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Abdul Raziff, Abdul Rafiez and Mohd Pozi, Muhammad Syafiq and Mohamed, Raihani and Samsudin, Anjas Asmara (2026) A comparative study of deep learning models for automated detection of Lumpy Skin Disease (LSD) in Cattle. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Abuzaraida, Mustafa Ali and A. L. gaud, Sarah and Abraham Hneish, Hamza and Attarbashi, Zainab (2026) Brewing perfection: real-time monitoring of arabic coffee using iot and machine learning. In: FICAILY2025 – Current Research, Industry Trends, and Innovations, Tripoli, Libya.

Alghifari, Muhammad Fahreza and Kartiwi, Mira and Artalin Zaim, Muntaha and Handayani, Dini Oktarina Dwi (2026) Mitigating LLM hallucinations in Quranic content: an agentic approach using deployable language models. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Dupe, Ayesha Adeleye and Ahlan, Abdul Rahman and Muhamad Ibrahim, Najhan and Ahmed, Mahfooz (2026) Exploring organisational challenges and enablers in the implementation of the integrated personnel and payroll information system (IPPIS) in Nigeria. In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuala Lumpur.

Handayani, Dini Oktarina Dwi and Yaacob, Hamwira Sakti and Agastya, I Made Artha and Suryady, Zeldi and Hanizam, Amirul Hilmi and Azmin, Aliff Azmeer Hakim (2026) EEG-based machine learning model for personalized power nap identification in Brain-Computer Interface. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur

Handayani, Dini Oktarina Dwi and Yaacob, Hamwira Sakti and Othman, Marini and Basri, Atikah Balqis and Sulistiani, Heni and Darwis, Dedi and Isnin, Megat Arif Ilham and Maslan, Mas Azlan Hafiz (2026) Exploring machine learning approach for attention detection using public EEG datasets. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur

Hassan, Mohammed Rakibul and S. Abd. Aziz, Madihah and Hassan, Raini (2026) Data stories and cognitive load: a systematic review of the picture superiority effect. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2025), 3rd February 2026, Kuala Lumpur, Malaysia.

Hassan, Mohd Khairul Azmi and Amir Hussin, Amir 'Aatieff and Zainal Azmi, Nurazlin and Zainuddin, Ahmad Anwar and Hafidz, Adlin and Othman, Adam (2026) Towards a smart university through the Development of an AI-Integrated Examination Management ecoSystem (SEMS). In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuala Lumpur.

Ibrahim Ahmed Omer, Rehab and Hassan, Raini and S. Abd. Aziz, Madihah (2026) A review and comparative analysis of predictive models for supply chain demand forecasting. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2025), 3rd February 2026, Kuala Lumpur, Malaysia.

Proceeding Paper

Islam, Md Sariful and Zainuddin, Ahmad Anwar and Amir Hussin, Amir 'Aatieff and Hassan, Mohd Khairul Azmi and Ahmad Puzi, Asmarani and Mohd Tamrin, Mohd Izzuddin and Handayani, Dini Oktarina Dwi and Subramaniam, Krishnan and Kamarudin, Saidatul Izyanie and Basir Khan, M. Reyesudin and Johar, Mohd Naqiuddin and Abuzaraida, Mustafa Ali (2026) AI and RIoT for rehabilitation: advancing hand gesture recognition and voice assistance. In: 1st International Conference on Generative AI: Current Research, Industry Trends, and Innovations (FICAIFY 2025), 2nd January 2026, Tripoli, Libya.

Ismail, Amelia Ritahani and Hishamuddin, Farhan Haikal and Ramjee, Aisar Nasrun and Amir Hussin, Amir 'Aatieff and Afifa, Nurul (2026) A retrieval-augmented generation model for multimodal medical question-answering system. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Jin, Qiuyu and Mohd Aman, Azana Hafizah and Mahmod Attar Bashi, Zainab Senan and Tuhami, Yahya and Che Azizan, Zulhilmi (2026) Penetration testing analysis on IP cameras in IoT ecosystems. In: 2025 10th International Conference on Computer and Communication Engineering (ICCCE), 26-27 August 2025, Kuala Lumpur, Malaysia.

Kartiwi, Mira and Gunawan, Teddy Surya and Abdullah, Zainatul Shima and Abdullah, Lili Marziana and Subiyakto, Aang (2026) Enhancing e-learning effectiveness based on student preferences and actual learning behaviors: a data-driven analysis of LMS usage. In: 2025 International Conference on Education Technology and Computers (ICETC), 18-321 September 2025, Barcelona, Spain.

Lubis, Muharman and Hendrawan, Fadhil Rozi and Muttaqin, Alif Noorachmad and Handayani, Dini Oktarina Dwi (2026) Bridging service quality and architecture in digital banking: a usability framework based on TOGAF ADM and E-Servqual. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT IIUM.

Mansor, Hafizah and Mohd @ Ab Razak, Nur Shuhadah and Jaafar, Abdul Ghafar (2026) Grant access protocol for consortium blockchain in vehicle maintenance system. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT, IIUM.

Mohd Abu Bakar, Nur Athirah and Hamidi, Hannah Kamillia and Zainal Azmi, Nurazlin (2026) MedPredict: a prototype system for integrated machine learning-based disease prediction. In: International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, Kuala Lumpur.

Mohd. Nor, Rizal and Abdullah, Aizuddin Ishqal and Syamsul Akram, Ahmad Afiq and Abdul Kadir, Andi Fitriah and Amiruzzaman, Md (2026) Fast flux attack engine for benchmarking AI-based DNS security systems. In: International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, IIUM.

Muhamad Ibrahim, Najhan and Bashir, Salman (2026) Empirical analysis of big data analytics adoption in Malaysian SMEs: a TOE model approach. In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuala Lumpur.

Mustaffa, Nurul Muzfirah and Mat Daud, Nurulain Balqis and Sase, Takumi (2026) Feasibility of quantum cryptography with AES for secure communication. In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kulliyah of Information & Communication Technology (KICT), International Islamic University Malaysia, 53100 Kuala Lumpur, Malaysia.

Nusantara, Abdul Hakim Satria and Lubis, Muharman and Kurniawan, Mochamad Teguh and Handayani, Dini Oktarina Dwi (2026) Managing information technology in health facilities: a systematic review of a decade. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Omar Sati, Salem and Mahmod Attar Bashi, Zainab Senan (2026) SDN based firewall using RYU controller. In: 2025 10th International Conference on Computer and Communication Engineering (ICCCE), 26-27 August 2025, Kuala Lumpur, Malaysia.

Ridwan, M Luthfi and Nur Fajrillah, Asti Amaliah and Lubis, Muharman and Hendrawan, Fadhil Rozi and Handayani, Dini Oktarina Dwi (2026) Model accuracy in enterprise architecture: validation and verification of business process via Petri Nets and WoPeD. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Said, Intisaar Omar and Abdul Raziff, Abdul Rafiez and Mahmod Attar Bashi, Zainab Senan and Shah, Asadullah (2026) Identifying key parameters for school bus monitoring system using a triangulation method: a study in Zanzibar. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2025), 3rd February 2026, Kuala Lumpur, Malaysia.

Sarif Abdullah, Sharifah Nur Amirah and Muhammad Nubli, Muhammad Al Faateh and Md Nor, Nor Saadah and Kartiwi, Mira and Khedher, Akram M Z M and Winarti, Titin (2026) Rule-based to Intelligent Chatbots: understanding librarian insights in library reference services. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KICT IIUM.

Proceeding Paper

Tengku Sembok, Tengku Mohd (2026) Mimicking man, reaching God? The plausibility of Superintelligent AI in the light of Islamic thought. In: 9th International Visual Informatics Conference (IVIC2025), 2026, Guangzhou, China.

Yaacob, Hamwira Sakti and Awang Abu Bakar, Normi Sham and Abdul Rahman, Abdul Wahab and Handayani, Dini Oktarina Dwi (2026) EEG signal quality analysis of resting states using the MUSE 2 headband for brain-computer interface. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT IIUM.

Zainal Abidin, Nadzurah and Ismail, Amelia Ritahani and UNSPECIFIED and UNSPECIFIED (2026) Adaptive federated learning model with unsupervised autoencoder-based reconstruction for imbalanced medical image classification. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Zainuddin, Ahmad Anwar and Islam, Md Sariful and Handayani, Dini Oktarina Dwi and Kamarudin, Saidatul Izyanie and Mohd. Tamrin, Mohd. Izzuddin and Misman, Ahmad Fatzilah (2026) Tolerance-based evaluation of a Shariah-compliant rehabilitation IoT framework for post-stroke hand gesture monitoring. In: 2025 8th International Conference on Information and Communications Technology (ICOIACT), 4-5 December 2025, YOGYAKARTA.

PUBLICATIONS

DEPARTMENT OF COMPUTER SCIENCE

Article

Abdul Kadir, Andi Fitriah (2026) Beyond 123456: fixing password habits. KICT Newsletter, NA (2). pp. 7-12. E-ISSN 3083-9904

Abdul Kadir, Andi Fitriah (2026) From red to blue: a podium finish that shaped future cybersecurity professionals. KICT Newsletter, NA (1). pp. 4-6. E-ISSN 3083-9904

Adzman, Hasan Khair and Hassan, Raini and Dwi Handayani, Dini Oktarina (2026) GNN-based skyline query processing for large-scale and incomplete graphs. IIUM Engineering Journal, 27 (1). pp. 27-47. ISSN 1511-788X E-ISSN 2289-7860

Andi, Tri and Ismail, Amelia Ritahani and Pranolo, Andri and Kusuma, Candra Juni Cahyo (2026) Classification of heart disease with machine learning: a comparison of grid search, random search, and Bayesian Optimization. International Journal on Informatics Visualization, 10 (1). pp. 262-270. ISSN 2549-9610 E-ISSN 2549-9904

Andi, Tri and Pranolo, Andri and Ismail, Amelia Ritahani and Cahyo Kusuma, Chandra Juni (2026) CPSO-LSTM: chaotic particle swarm optimization improved LSTM hyperparameters for air pollution prediction. Jurnal Online Informatika, 11 (1). pp. 126-141. ISSN 2528-1682 E-ISSN 2527-9165

Ariffin, Muhammad Irwan and Mohamad Ali, Afiza and Abdul Molok, Nurul Nuha and Abdul Rashid, Khadijah Khalilah and Yaacob, Hamwira Sakti (2026) Mapping outcome-based education principles to Qur'anic guidance for Islamic higher education. Intellectual Discourse, 34 (2). pp. 293-317. ISSN 0128-4878 E-ISSN 2289-5639

Arsat, Nadiah and Awang Abu Bakar, Normi Sham and Yahya, Norzariyah and Jamil, Muhammad Abid (2026) Testing blockchain-based systems in the financial domain: a review of the literature. Journal of Advanced Research in Applied Sciences and Engineering Technology, 56 (4). pp. 32-50. ISSN 2462-1943

Islam, Mohammad Raihanul and Abdul Kadir, Andi Fitriah and Ismail, Syazwan Aizat (2026) A conceptual framework for a lightweight AI system for skin disease risk prediction using epidemiological data in rural Bangladesh. International Journal on Perceptive and Cognitive Computing (IJPCC), 12 (1). pp. 81-91. E-ISSN 2462-229X

Ismail, Ahsiah and Abdul Rahim, Elin Eliana and Handayani, Dini Oktarina Dwi and Basri, Atikah Balqis (2026) Empowering young minds, enriching communities through artificial intelligence and cultural innovation. KICT Newsletter, NA (2). pp. 19-22. E-ISSN 3083-9904

Mahmod Attar Bashi, Zainab Senan and Abd Rasid, Muhammad Aliff Iman and Mohd Razmi, Muhammad Alif Haziq and Sakka, Oula and Mohd Aman, Azana Hafizah (2026) Building cyber defense skills: the CipherQuest educational CTF framework. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 73-83. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Kamarudin, Kay Aiman Fitri and Mohammad Rafaii, Ikmal Ikhwan and Sakka, Oula and Mohd Aman, Azana Hafizah (2026) Automating co-curricular management: an NFC-based system for streamlining student engagement at IIUM. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 53-62. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Sakka, Oula and Abdul Rahim, Elin Eliana (2026) Artificial intelligence tools in Arabic learning content creation: evaluating the benefits and overcoming the challenges. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 197-206. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Saniza, Auni Fatini and Shafudin, Nazihah and Sakka, Oula and Basri, Atikah Balqis and Mohd Aman, Azana Hafizah (2026) A low-cost traffic generation system using open-source software for accessible cyber ranges. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 149-162. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mohd Yusof, Ahmad Faisal Daniell and Zainuddin, Aiman Kamal and Hassan, Raini (2026) Berita Debunked: real-time fake news detection and alert system. International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 74-80. E-ISSN 2462-229X

Rahman, M.M. Hafizur and Al Naeem, Mohammed Abdul Aziz and Ibrahim, Adamu Abubakar (2026) Detection of DSCP-based traffic prioritization manipulations and their impact on network performance. Scientific reports, 16 (10637). pp. 1-21. E-ISSN 2045-2322

Samsul Kamal, Iqbal Najihah and Samsudin, Anna Safiya and Hassan, Raini (2026) Cross-media fake content detection via independent deep learning classifiers. International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 65-73. E-ISSN 2462-229X

Sharmin, Shaila and Lashkari, Arash Habibi and Mansor, Hafizah and Abdul Kadir, Andi Fitriah (2026) CAN-BiGRUBERT: unveiling automotive vehicle intruders by profiling and characterizing anomalies in controller area network. Computer Networks, 276 (111963). pp. 1-23. ISSN 1389-1286

Sugiri, Mohd Riszafiq and Mohd Aman, Azana Hafizah and Attarbashi, Zainab and Azamuddin, Wan Muhammad Hazwan and Khaleel, Aymen Dheyaa (2026) User datagram protocol parametric analysis for maximum transmission unit in high-definition video transmission for 1080p and 720p. Journal of Advanced Research in Applied Sciences and Engineering Technology, 62 (2). pp. 14-24. ISSN 2462-1943

Zainuddin, Ahmad Anwar and Mohd Razib, Mohd Asyraf and Ayob, Amirul Taufiqurahman and Mohd Sukri, Nurain Sufi Sabreena and Md Ralib, Aliza Aini (2026) Design and simulation of multichannel QCM devices. Jurnal Teknologi, 88 (2). pp. 45-55. E-ISSN 2180-3722

PUBLICATIONS

DEPARTMENT OF COMPUTER SCIENCE

Book

Zainuddin, Ahmad Anwar and Handayani, Dini Oktarina Dwi and Basri, Atikah Balqis and Amir Hussin, Amir 'Aatieff and Ahmad Puzi, Asmarani and Mohd Mohadis, Hazwani and Hassan, Mohd Khairul Azmi and Abdul Raziff, Abdul Rafiez (2026) The 2nd International Grand Invention, Innovation, and Design Expo (IGIIDeation 2026). KICT PUBLISHING, Kuala Lumpur, Malaysia

Proceeding Paper

AAbdul Rahim, Elin Eliana and Ismail, Ahsiah (2026) Chatbot personalities in digital learning: integrating characteristics that support learning to enhance learner engagement. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Alghifari, Muhammad Fahreza and Kartiwi, Mira and Artalin Zaim, Muntaha and Handayani, Dini Oktarina Dwi (2026) Mitigating LLM hallucinations in Quranic content: an agentic approach using deployable language models. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Handayani, Dini Oktarina Dwi and Yaacob, Hamwira Sakti and Agastya, I Made Artha and Suryady, Zeldi and Hanizam, Amirul Hilmi and Azmin, Aliff Azmeer Hakim (2026) EEG-based machine learning model for personalized power nap identification in Brain-Computer Interface. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Handayani, Dini Oktarina Dwi and Yaacob, Hamwira Sakti and Othman, Marini and Basri, Atikah Balqis and Sulistiani, Heni and Darwis, Dedi and Isnin, Megat Arif Ilham and Maslan, Mas Azlan Hafiz (2026) Exploring machine learning approach for attention detection using public EEG datasets. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Hassan, Mohammed Rakibul and S. Abd. Aziz, Madihah and Hassan, Raini (2026) Data stories and cognitive load: a systematic review of the picture superiority effect. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2025), 3rd February 2026, Kuala Lumpur, Malaysia.

Hassan, Mohd Khairul Azmi and Amir Hussin, Amir 'Aatieff and Zainal Azmi, Nurazlin and Zainuddin, Ahmad Anwar and Hafidz, Adlin and Othman, Adam (2026) Towards a smart university through the Development of an AI-Integrated Examination Management ecoSystem (SEMS). In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuala Lumpur.

Ibrahim Ahmed Omer, Rehab and Hassan, Raini and S. Abd. Aziz, Madihah (2026) A review and comparative analysis of predictive models for supply chain demand forecasting. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2025), 3rd February 2026, Kuala Lumpur, Malaysia.

Islam, Md Sariful and Zainuddin, Ahmad Anwar and , Irwandi and Iswardy, Edwar and Mohd Tamrin, Mohd Izzuddin and Handayani, Dini Oktarina Dwi and Kamarudin, Saidatul Izyanie (2026) Advanced rehabilitation iot (RIoT) system utilizing IMAGy MEMS sensors and deep learning for hand gesture recognition. In: International Conference on Electrical Engineering and Informatics, ICEEI, SERAWAK.

Islam, Md Sariful and Zainuddin, Ahmad Anwar and Amir Hussin, Amir 'Aatieff and Hassan, Mohd Khairul Azmi and Ahmad Puzi, Asmarani and Mohd Tamrin, Mohd Izzuddin and Handayani, Dini Oktarina Dwi and Subramaniam, Krishnan and Kamarudin, Saidatul Izyanie and Basir Khan, M. Reyesudin and Johar, Mohd Naqiuddin and Abuzaraida, Mustafa Ali (2026) AI and RIoT for rehabilitation: advancing hand gesture recognition and voice assistance. In: 1st International Conference on Generative AI: Current Research, Industry Trends, and Innovations (FICAILY 2025), 2nd January 2026, Tripoli, Libya.

Ismail, Amelia Ritahani and Hishamuddin, Farhan Haikal and Ramjee, Aisar Nasrun and Amir Hussin, Amir 'Aatieff and Afika, Nurul (2026) A retrieval-augmented generation model for multimodal medical question-answering system. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Jin, Qiuyu and Mohd Aman, Azana Hafizah and Mahmod Attar Bashi, Zainab Senan and Tuhami, Yahya and Che Azizan, Zulhilmi (2026) Penetration testing analysis on IP cameras in IoT ecosystems. In: 2025 10th International Conference on Computer and Communication Engineering (ICCCCE), 26-27 August 2025, Kuala Lumpur, Malaysia.

Lubis, Muharman and Hendrawan, Fadhil Rozi and Muttaqin, Alif Noorachmad and Handayani, Dini Oktarina Dwi (2026) Bridging service quality and architecture in digital banking: a usability framework based on TOGAF ADM and E-Servqual. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT IIUM.

Mansor, Hafizah and Mohd @ Ab Razak, Nur Shuhadah and Jaafar, Abdul Ghafar (2026) Grant access protocol for consortium blockchain in vehicle maintenance system. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT, IIUM.

Mohd. Nor, Rizal and Abdullah, Aizuddin Ishqal and Syamsul Akram, Ahmad Afiq and Abdul Kadir, Andi Fitriah and Amiruzzaman, Md (2026) Fast flux attack engine for benchmarking AI-based DNS security systems. In: International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, IIUM.

PUBLICATIONS

DEPARTMENT OF COMPUTER SCIENCE

Proceeding

Mustaffa, Nurul Muzfirah and Mat Daud, Nurulain Balqis and Sase, Takumi (2026) Feasibility of quantum cryptography with AES for secure communication. In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuliyah of Information & Communication Technology (KICT), International Islamic University Malaysia, 53100 Kuala Lumpur, Malaysia.

Nusantara, Abdul Hakim Satria and Lubis, Muharman and Kurniawan, Mochamad Teguh and Handayani, Dini Oktarina Dwi (2026) Managing information technology in health facilities: a systematic review of a decade. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Ridwan, M Luthfi and Nur Fajrillah, Asti Amaliah and Lubis, Muharman and Hendrawan, Fadhil Rozi and Handayani, Dini Oktarina Dwi (2026) Model accuracy in enterprise architecture: validation and verification of business process via Petri Nets and WoPeD. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, Kuala Lumpur.

Tengku Sembok, Tengku Mohd (2026) Mimicking man, reaching God? The plausibility of Superintelligent AI in the light of Islamic thought. In: 9th International Visual Informatics Conference (IVIC2025), 2026, Guangzhou, China.

Yaacob, Hamwira Sakti and Awang Abu Bakar, Normi Sham and Abdul Rahman, Abdul Wahab and Handayani, Dini Oktarina Dwi (2026) EEG signal quality analysis of resting states using the MUSE 2 headband for brain-computer interface. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT IIUM.

Zainal Abidin, Nadzurah and Ismail, Amelia Ritahani and UNSPECIFIED and UNSPECIFIED (2026) Adaptive federated learning model with unsupervised autoencoder-based reconstruction for imbalanced medical image classification. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Zainuddin, Ahmad Anwar and Islam, Md Sariful and Handayani, Dini Oktarina Dwi and Kamarudin, Saidatul Izyanie and Mohd. Tamrin, Mohd. Izzuddin and Misman, Ahmad Fatzilah (2026) Tolerance-based evaluation of a Shariah-compliant rehabilitation IoT framework for post-stroke hand gesture monitoring. In: 2025 8th International Conference on Information and Communications Technology (ICOIACT), 4-5 December 2025, YOGYAKARTA.

PUBLICATIONS

DEPARTMENT OF INFORMATIONS SYSTEMS

Article

Abdullahi, Husein Osman and Mahmud, Murni and Abdul Rahim, Elin Eliana (2026) Adoption of mobile technology in agricultural practices among small-scale farmers in Somalia using integrated theories. Cogent Food & Agriculture, 12 (1). pp. 1-23. ISSN 2331-1932

Adeleye, Dupe Ayesha and Ahlan, Abdul Rahman and Muhamad Ibrahim, Najhan (2026) E-government adoption in West Africa: a narrative review of trends, challenges, and policy innovations. INTERNATIONAL JOURNAL OF RESEARCH AND INNOVATION IN APPLIED SCIENCE (IJRIAS), 11 (2). pp. 775-793. ISSN 2454-6194

Ariffin, Muhammad Irwan and Mohamad Ali, Afiza and Abdul Molok, Nurul Nuha and Abdul Rashid, Khadijah Khalilah and Yaacob, Hamwira Sakti (2026) Mapping outcome-based education principles to Qur'anic guidance for Islamic higher education. Intellectual Discourse, 34 (2). pp. 293-317. ISSN 0128-4878 E-ISSN 2289-5639

Atok, R. Mohamad and Syifa, Ayumi Auliyah and Kartiwi, Mira and Novianto, Aria (2026) Implementation of digital fuzzy time series Markov Chain in price forecasting and investment risk analysis with value at risk. International Journal of Data and Network Science, 10 (1). pp. 461-470. ISSN 2561-8148 E-ISSN 2561-8156

Busari, Saheed Abdullahi and Rokis, Rohaiza and Sawari, Mohd Fuad and Mohamadali, Noor Azizah and Amanullah, Muhammad (2026) Strategic roles of Maqasid Shariah in digital adoption by B40 Muslim entrepreneurs: a qualitative inquiry. Malaysia Journal of Syariah and Law, 14 (1). pp. 170-190. ISSN 1985-7454 E-ISSN 2590-4396

Gunawan, Teddy Surya and Jannah, Nurul and Kartiwi, Mira and Abdul Malik, Noreha (2026) Efficiency-aware multi-class spinal disorder classification using CBAM-enhanced lightweight CNNs with dual-branch fusion. IIUM Engineering Journal, 27 (2). pp. 278-319. ISSN 1511-788X E-ISSN 2289-7860

Gunawan, Teddy Surya and Kartiwi, Mira (2026) On the operationalisation of values, flexibility and sustainability in curricula adhering to MQF 2.0 2024. Journal of Engineering Research and Education, 18 (Special Issue). pp. 185-195. ISSN 2232-1098

Islam, Md Ziarul and Hassan, Mohd Khairul Azmi and Amir Hussin, Amir 'Aatieff and Ikram Kays, H M (2026) An integrated hybrid soft voting ensemble ai model of machine learning and deep learning models for diabetes prediction. International Journal of Software Engineering and Computer Systems, 11 (2). pp. 160-175. ISSN 2289-8522 E-ISSN 2180-0650

Ismail, Ahsiah and Abdul Rahim, Elin Eliana and Handayani, Dini Oktarina Dwi and Basri, Atikah Balqis (2026) Empowering young minds, enriching communities through artificial intelligence and cultural innovation. KICT Newsletter, NA (2). pp. 19-22. E-ISSN 3083-9904

Kartiwi, Mira and Gunawan, Teddy Surya (2026) Prompt quality analysis in AI-assisted learning of database programming: pedagogical insights from a university-level intervention. Journal of Engineering Research and Education, 18 (Special Issue). pp. 207-215. ISSN 2232-1098

Khairil Khusnin, Khairil Nazrel and Muhamad Rashidi, Muhammad Fayyadh and Zainal Azmi, Nurazlin (2026) Design and preliminary evaluation of an immersive 3D stereoscopic simulation game for historical education: the Hindenburg disaster. International Journal on Perceptive and Cognitive Computing, 12 (1). pp. 46-52. E-ISSN 2462-229X

Mahmod Attar Bashi, Zainab Senan and Abd Rasid, Muhammad Aliff Iman and Mohd Razmi, Muhammad Alif Haziq and Sakka, Oula and Mohd Aman, Azana Hafizah (2026) Building cyber defense skills: the CipherQuest educational CTF framework. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 73-83. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Kamarudin, Kay Aiman Fitri and Mohammad Rafaii, Ikmal Ikhwan and Sakka, Oula and Mohd Aman, Azana Hafizah (2026) Automating co-curricular management: an NFC-based system for streamlining student engagement at IIUM. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 53-62. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Sakka, Oula and Abdul Rahim, Elin Eliana (2026) Artificial intelligence tools in Arabic learning content creation: evaluating the benefits and overcoming the challenges. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 197-206. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mahmod Attar Bashi, Zainab Senan and Saniza, Auni Fatini and Shafudin, Nazihah and Sakka, Oula and Basri, Atikah Balqis and Mohd Aman, Azana Hafizah (2026) A low-cost traffic generation system using open-source software for accessible cyber ranges. Journal of Engineering Research and Education (JERE), 18 (Special Issue). pp. 149-162. ISSN 1823 - 2981 E-ISSN 2232 - 1098

Mhd Sarif, Suhaimi and Muhamad Ibrahim, Najhan and Abdul Razak, Arbaiah and Abdul Sabian, Nur Arifiah and Abdul Wahid, Mohamad Fikri (2026) Muhibbah frozen unified Tawhidic balancing growth, workforce care, and product integrity. IIUM Journal of Case Studies in Management, 17 (1). pp. 61-75. ISSN 2810-2327 E-ISSN 2710-7175

Mohamed Sofiadin, Aidrina (2026) Artificial intelligence: "mental junk food" vs "superfood". KICT Newsletter, NA (2). pp. 13-15. E-ISSN 3083-9904

PUBLICATIONS

DEPARTMENT OF INFORMATION SYSTEMS

Article

Muhammad, Muhd. Rosydi (2026) *The soul in the machine: bridging byte and belief in the age of Artificial Intelligence*. KICT Newsletter: SPECTRUM, April (3). pp. 4-9. E-ISSN 3083-9904

Pratama, Arizqi Ihsan and Anas, Fauzi and Muhammad, Muhd. Rosydi (2026) *A humanistic pesantren curriculum model based on digital technology for strengthening 21st-century competencies*. Ta'dibuna: Jurnal Pendidikan Islam, 15 (1). pp. 162-180. ISSN 2252-5793 E-ISSN 2622-7215

Rodzoan, Muhammad Asyraf and M Ahmed, Husham and Jamaluddin, Mohammed Darwis Haikal and Koondhar, Muhammad Yaqoob (2026) *A software engineering framework for secure cyber risk governance in critical energy infrastructure: a PRISMA-based systematic review*. VFAST Transactions on Software Engineering, 14 (2). pp. 362-381. ISSN 2411-6246 E-ISSN 2309-3978

Sapuan, Abdul HaliM and Jamaludin, Iqbal and Abdul Majid, Zafri Azran and Mohd Tamrin, Mohd Izzuddin and Che Azemin, Mohd Zulfaezal and Turaev, Sherzod (2026) *Machine learning or morphometric scaling? a systematic review of methodological confounds and the generalizability of sex classification in neuroimaging*. Exploration of Neuroprotective Therapy, 6. pp. 1-16. E-ISSN 2769-6510

Zulkifli, Zahidah and Abd Rahim, Noor Hayani and Alam, Tahmid and Yusoff, Fakhru Hazman and Rahman, Mohammad Masudur (2026) *Uncovering ethical values in information systems development methodologies: a systematic literature review*. Malaysian Journal of Computing, 11 (1). pp. 2421-2436. E-ISSN 2600-8238

Proceeding Paper

Abd Rahim, Noor Hayani and Zainuddin, Ahmad Anwar and Ahmad, Norhanim Fatihah and Abd Wahid, Nurul Hidayah and Muhamad Nasir, Nurul Farah Hanim and Kamarudin, Saidatul Izyanie and Abdul Rahman @ Suliman, Siti Husna (2026) *Fortifying the pipeline: WSN security challenges and mitigation strategies in student-driven IoT innovation (a case study of IoTeams)*. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), KUALA LUMPUR, Malaysia, 2025, 26-27 November 2025, Kulliyah of ICT, IIUM.

Abdul Rahim, Elin Eliana and Ismail, Ahsiah (2026) *Chatbot personalities in digital learning: integrating characteristics that support learning to enhance learner engagement*. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Abdul Raziff, Abdul Rafiez and Mohd Pozi, Muhammad Syafiq and Mohamed, Raihani and Samsudin, Anjas Asmara (2026) *A comparative study of deep learning models for automated detection of Lumpy Skin Disease (LSD) in Cattle*. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Dupe, Ayesha Adeleye and Ahlan, Abdul Rahman and Muhamad Ibrahim, Najhan and Ahmed, Mahfooz (2026) *Exploring organisational challenges and enablers in the implementation of the integrated personnel and payroll information system (IPPIIS) in Nigeria*. In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuala Lumpur.

Hassan, Mohd Khairul Azmi and Amir Hussin, Amir 'Aatieff and Zainal Azmi, Nurazlin and Zainuddin, Ahmad Anwar and Hafidz, Adlin and Othman, Adam (2026) *Towards a smart university through the Development of an AI-Integrated Examination Management ecoSystem (SEMS)*. In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuala Lumpur.

Junurham, Nur Leyni Nilam Putri and Mahri, Nurhafizah (2026) *Web content analysis of Malaysia's public library websites: an evaluative study*. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT, IIUM, Malaysia.

Kartiwi, Mira and Gunawan, Teddy Surya and Abdullah, Zainatul Shima and Abdullah, Lili Marziana and Subiyakto, Aang (2026) *Enhancing e-learning effectiveness based on student preferences and actual learning behaviors: a data-driven analysis of LMS usage*. In: 2025 International Conference on Education Technology and Computers (ICETC), 18-21 September 2025, Barcelona, Spain.

Md Nor, Nor Saadah and Kartiwi, Mira (2026) *Artificial Intelligence literacy framework for libraries: a competency-based approach*. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Mohd Abu Bakar, Nur Athirah and Hamidi, Hannah Kamillia and Zainal Azmi, Nurazlin (2026) *MedPredict: a prototype system for integrated machine learning-based disease prediction*. In: International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, Kuala Lumpur.

PUBLICATIONS

DEPARTMENT OF INFORMATION SYSTEMS

Proceeding

Muhamad Ibrahim, Najhan and Bashir, Salman (2026) Empirical analysis of big data analytics adoption in Malaysian SMEs: a TOE model approach. In: 10th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2025), 26-27 November 2025, Kuala Lumpur.

Omar Sati, Salem and Mahmod Attar Bashi, Zainab Senan (2026) SDN based firewall using RYU controller. In: 2025 10th International Conference on Computer and Communication Engineering (ICCCCE), 26-27 August 2025, Kuala Lumpur, Malaysia.

Said, Intisaar Omar and Abdul Raziff, Abdul Rafiez and Mahmod Attar Bashi, Zainab Senan and Shah, Asadullah (2026) Identifying key parameters for school bus monitoring system using a triangulation method: a study in Zanzibar. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2025), 3rd February 2026, Kuala Lumpur, Malaysia.

Sarif Abdullah, Sharifah Nur Amirah and Muhammad Nubli, Muhammad Al Faateh and Md Nor, Nor Saadah and Kartiwi, Mira and Khedher, Akram M Z M and Winarti, Titin (2026) Rule-based to Intelligent Chatbots: understanding librarian insights in library reference services. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KICT IIUM.

PUBLICATIONS

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Proceeding

Junurham, Nur Leyni Nilam Putri and Mahri, Nurhafizah (2026) Web content analysis of Malaysia's public library websites: an evaluative study. In: 10th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2025, 26-27 November 2025, KICT, IIUM, Malaysia.

Md Nor, Nor Saadah and Kartiwi, Mira (2026) Artificial Intelligence literacy framework for libraries: a competency-based approach. In: 2025 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KUALA LUMPUR, Malaysia.

Sarif Abdullah, Sharifah Nur Amirah and Muhammad Nubli, Muhammad Al Faateh and Md Nor, Nor Saadah and Kartiwi, Mira and Khedher, Akram M Z M and Winarti, Titin (2026) Rule-based to Intelligent Chatbots: understanding librarian insights in library reference services. In: 10th International Conference on Information and Communication Technology for the Muslim World (ICT4M), 26-27 November 2025, KICT IIUM.

CALL FOR ARTICLES

Do you have research insights, innovative ideas, project stories, or field experiences that you'd like to share with the KICT community? Spectrum welcomes contributions from our members, researchers, and partners!

We invite you to submit articles for our upcoming issue. Please submit your article through the following Google Form.



Articles published in KICT Spectrum will contribute to MyRA marks under Section C1g (Marks: 0.0004, indexed journal equivalency 0.2).

