



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونُس بَرَسِيْتِي إِسْلَامِيَّةٌ أَنْبَاءُ الْإِحْسَانِ بِمِلْدَسِيَا

(Company No. 101067-P)

Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KHALIFAH • AMĀNAH • IQRA' • RAHMATAN LIL-ĀLAMĪN

KICT NEWSLETTER

SPECTRUM

August 2025

Issue 7

KICT Ibadah Camp 2025

Islamic Civilization as Saviour to Mankind

IIUM TAKRIM AWARDS 2025 & FESTIVAL OF IDEAS

Tawhidic and Ummatic Excellence

IIUM VISION 2077

A New Hijrah of the Muslim Ummah of Malaysia

INTERNATIONAL RESEARCH PROJECT OLYMPIAD

Gold Medal Achievement of IIUM Io Teams

THE NEXT BIG THING START-UP COMPETITION

KICT IIUM Shines with Double Win

PROF ZEYNEP TUNCER VISIT TO KICT

Collaboration Beyond Boundaries

USK-IIUM RESEARCH COLLABORATION

Strengthening Academic and Research Capacity

EISSN 3083-9904

TABLE OF CONTENTS

MESSAGE FROM THE EDITOR	3
ARTICLE OF THE MONTH	
• OBE Series #5: Calculating CLO Weightage for Each Assessment Component	4
REPORTS ON ACTIVITIES & ACHIEVEMENTS	
• Ibadah Camp 2025: Islamic Civilization as Saviour to Mankind	6
• IIUM Vision 2077: A New Hijrah of the Muslim Ummah of Malaysia	9
• Gold Medal Achievement of IIUM IoTeams at IRPrO 2025	11
• KICT Double Win at the Next Big Thing Start-up Competition	14
• Prof Zeynep Tuncer Visit: Collaboration Beyond Boundaries	17
• Strengthening International Collaboration - USK & IIUM	20
APPOINTMENTS & PROMOTIONS	23
AWARDS AND RECOGNITIONS	
• KICT Takrim Award 2025	28
• IIUM Takrim Award & Festival of Ideas	33
RESEARCH ACHIEVEMENTS	35
POSTGRADUATE STUDENTS ACHIEVEMENTS	
• Completion of PhD Viva Voice	36
• Completion of Dissertation	37
• Completion of Computing Project	37
• Completion of Proposal Defense	38
• PTEM Accomplishment	39
TALK & SEMINARS	40
RESEARCH TIPS AND FAQ	42
PUBLICATIONS	44

EDITORIAL BOARD

CHIEF EDITOR

ASST.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. DR. SHAKIROH
KHAMIS
- ASST. PROF. TS. DR. AHMAD
ANWAR ZAINUDDIN
- ASST. PROF. DR. ATIKAH
BALQIS BASRI
- ASST. PROF. DR.
NURHAFIZAH MAHRI
- MDM NOOR AZIAN
MOHAMMAD ALI

COMMUNICATION MANAGER
NURLAILI SANADI

GRAPHIC DESIGNER
NORFARHANAH RAMLI

Message from the Editor

Dear Readers,

Welcome to the 7th issue of our newsletter, and the very first prepared by the **new editorial board**. I am delighted to have such a committed team on board as we work together to strengthen and enrich this platform.

This issue also marks a new beginning with the rebranding of our newsletter as **KICT Spectrum**. The name Spectrum was chosen to reflect the wide range of research, achievements, and engagements that define KICT. Just as a spectrum unites diverse colors into a single whole, our Kulliyyah members & students, contribute across varied yet connected areas of excellence.

In these issue, we present highlights on awards and recognitions, student achievements, and community activities, alongside insightful articles, seminars, and research activities. Together, we showcase KICT's enduring commitment to academic excellence, technological advancement, and impactful knowledge-sharing.

As we open this new chapter, we hope KICT Spectrum will continue to inform, inspire, and celebrate the vibrant spirit of our community.

Best regards,
Hazwani
Chief Editor

OUTCOME-BASED EDUCATION SERIES #5

Calculating Course Learning Outcome (CLO) Weightage for Each Assessment Component

Based on the Guidelines to Good Practices (GGP): Assessment of Student Learning, to prepare for course assessment plan and to calculate the weightage of assessment per Course Learning Outcome (CLO), you will need the following information:

A.	State the credit hour for your course.
B.	State the total Teaching time allocated for the course or Total Student Learning Time.
C.	State your method of assessment.
D.	Determine Teaching time allocated by CLO (D1) or the SLT by CLO (D2) based on the emphasis placed on each CLO and method of assessment.
E.	<p>Calculate the weight of each assessment.</p> $\left(\frac{\text{HRS Spent on Topic} \times \text{Time spent Teaching/Learning for each CLO}}{\text{Total Course Hours} \times \text{Total Teaching/Learning for the course}} \right) \times 100$ <p>The sum of the assessment weight must equal to 100%.</p>

The following is an example:

This course consists of 50% coursework (covering CLO2 and CLO3) and 50% final examination (covering CLO1 only). There will be two assessments for the coursework:

- 1) Assignment – 30%, and
- 2) Group Project and Presentation – 10% + 10%

A) Credit Hour		3		
B) Total SLT/Teaching Time		120 / 42		
CLO	C) Method of Assessment (proposed %)	D1) Teaching time by CLO (hrs)	D2) SLT for CLO (hrs)	E) Weightage checks → Final Weight
CLO1: Demonstrate a comprehensive understanding of fundamental concepts in network infrastructure, including communication protocols, networking topologies, network standards, and components. (C3, PLO1)	Final Examination (50%)	21	56	D1% = $21/42 = 50\%$ → D2% = $56/120 = 46.7\%$ → Final Weight = 50%
CLO2: Display the acquired knowledge to analyse, design, and implement network infrastructures in practical, real-world scenarios. (P4, PLO3)	Assignment (30%)	12.6	40	D1% = $12.6/42 = 30\%$ → D2% = $40/120 = 33.3\%$ → Final Weight = 30%
CLO3: Present an in-depth analysis of network infrastructure management strategies and problem-solving within a team-setting. (A2, PLO4)	Presentation (10%) + Group Project (10%) = 20%	8.4	24	D1% = $8.4/42 = 20\%$ → D2% = $24/120 = 20\%$ → Final Weight = 20%

Perform a check to ensure that the total assessment weight equals 100%.

D1 totals: $21 + 12.6 + 8.4 = 42$ hrs (100%)

D2 totals: $56 + 40 + 24 = 120$ hrs (100%)

Assessment totals: $50\% + 30\% + 20\% = 100\%$.

How to choose the final weight:

For each CLO, take the D1% (share of teaching time) as the primary indicator and confirm it's consistent with the D2% (share of SLT). If both are aligned (within a few percent), fix the Final Weight to the near assessment percentage (50/30/20 in the given example).



Prepared by:

Asst. Prof. Dr. Nurazlin Zainal Azmi
Academic Quality Assurance Liaison (AQAL)
Department of Information Systems
nurazlinazmi@iium.edu.my

IBADAH CAMP 2025: ISLAMIC CIVILISATION AS SAVIOUR TO MANKIND

All KICT staff including an academic and administrator had successfully participated the Annual Ibadah Camp on 7 to 8 August 2025. It is under the guidance from the Centre of Islamisation (CENTRIS). Four objectives that aim to be achieved from this event are outlines as follows:

- To create awareness of the importance of spiritual enhancement together with physical enhancement in order to gain the worldly and other-worldly (al-dunya wa al-akhirah) successes (al-falah).
- To engage in spiritual enhancement activities that can purify one's soul (tazkiyyah al-nafs) and improve his/her relationship with Allah.
- To inculcate the virtue of seeking for only Allah's pleasure (mardhatillah) that helps to shape one's personality and ethics, internalize the spirit of 'ibadah in one's day to day activities and thus perform them as best as possible.
- To improve one's understanding of his existence and his relationship with the Creator and the created beings (habl min Allah and habl min al-nas) in realization of Islam as Rahmatan lil al-'Alamin.

The theme for this year as suggested by CENTRIS is Islamic civilisation as saviour the mankind. It is stem from one of the Sejahtera Academic Framework (SAF) major elements which is Khalifah, Amanah, Iqra' and Rahmatan li'l- 'Alamin (KHAIR). And this element come from Falsafah Pendidikan Kebangsaan. When the theme mapping to KHAIR, it is belonging to the Khalifah component. All activities carried out during this event has its own KHAIR components. In line with the theme, International Institute of Islamic Thought and Civilisation (ISTAC) was chosen as the venue on the first day.

Ibadah camp is continued on the second day at the multipurpose hall, KICT. The first activities carried out is an usrah by the Rector, Professor Emeritus Datuk Dr. Osman bin Bakar with the title Ihsan as a Pillar of Ummatic Excellence. The usrah is conducted every Friday at KICT by a collaboration between Semantic Body of Knowledge and ICT and Islam research unit and KICT Staff Welfare Club.

The following activities were two slots of tadabbur. The first tadabbur is delivered by Associate Professor Dr. Nashwan Abdo Khaled from the Department of Quran and Sunnah Studies, Abdulhamid Abusulayman Kulliyyah Of Islamic Revealed Knowledge and Human Sciences. He explained the concept of justice in gender issues from the Al-Quran perspectives. The second tadabbur delivered by ustaz Abdullah Bukhari bin Abdul Rahim from the Tilawah Division, Centre for Languages and Pre-University Academic Development (CELPAD). He explained the ten commandments of Prophet Musa in Al-Quran from ayah 151-153 surah al-An'am. The closing ceremony was officiated by the deputy dean postgraduate and research, Professor Datin Dr. Roslina binti Othman.

It is hoped that the organization of ibadah camp can achieve the objectives as outlined by CENTRIS. For examples, the activities under ibadah category achieved the objectives 3. While, objectives 4 are achieved from the activities of the second lecture and usrah. Finally, the ultimate aim of this event is to improve staff characteristics as stated in the IIUM song. These including carrying the roles of khalifah, fulfilling the amanah, upholding the culture of iqra' and realising the meaning of Rahmatan lil-'Alamin.



Prepared by:

Asst. Prof. Dr. Norlia Md Yusof
Chairperson KICT Ibadah Camp 2025
Department of Computer Science
norliayusof@iium.edu.my

KICT IBADAH CAMP 2025

PHOTO GALLERY



IIUM'S VISION 2077: A NEW HIJRAH OF THE MUSLIM UMMAH OF MALAYSIA (CENTRIS, 2025)

Dear honourable and learned Professors and colleagues,

السلام عليكم ورحمة الله وبركاته, الحمد لله رب العالمين وبه نستعين.

OFIIR-CENTRIS is delighted to present to you our long awaited IIUM's VISION 2077 EXECUTIVE REPORT.

The EXECUTIVE REPORT of IIUM'S VISION 2077: A NEW HIJRAH OF THE MUSLIM UMMAH OF MALAYSIA (CENTRIS, 2025) is an e-publication of the Office for Islamisation, Integration and Relevantisation (OFIIR), Centre for Islamisation (CENTRIS), International Islamic University Malaysia, with eISBN 978-629-95416-2-2 . OFIIR-CENTRIS is the Official Secretariat for the entire VISION 2077 Project, which began in 2019.

For your reading pleasure, we recommend that you:

1. access the LARGE e-book (29.7cm by 29.7cm) from your laptop or desktop computers,
2. click the triple dots at the upper right-hand corner of your screen, and
3. choose the "Two page view".

All Praise is due for Allah Subhanahu wa Ta'ala for His Grace and Providence, in allowing the VISION 2077 project to come to this juncture in its long and winded journey. In the publication processes, we have managed to overcome multitudes of hurdles and challenges, religiously exercised multiple layers of tedious vigilance, and the utmost care in producing the best outcome in the e-book. Nonetheless, we are all humans after all.

We invite all Heads and members of Clusters to go through the e-book, and note any error, omission or improvement. Please list them down systematically and send them IMMEDIATELY through the VISION2077 WhatsApp Group, ATT.: EDITORIAL, latest by 30/8/2025. All remedials will be done as soon as possible and included in the e-book. Note: The Editorial team reserves the right for the final decision of any remedial works.

The improved version will then be published in printed form (CENTRIS, 2025) . Again, we need everyone's attention and expedite action, so that the physical book can be published in 2025. The ISBN is for 2025 . Please note the the e-book contains both ISBNs.

Here is the link to the EXECUTIVE REPORT of IIUM'S VISION 2077: A NEW HIJRAH OF THE MUSLIM UMMAH OF MALAYSIA (CENTRIS, 2025) e-Book
<https://centre.iium.edu.my/centris/vision-2077-e-book>

On behalf of the initiator of the VISION 2077 Project, al-marhum Professor Emeritus Tan Sri Dr. M. Kamal Hassan, we take this opportunity to express to everyone who is involved directly and indirectly in this huge Ummatic project - THANK YOU VERY MUCH, and MAY ALLAH SWT BLESS YOU for YOUR COMMITMENT, EFFORTS AND SINCERITY with JANNATU'L-FIRDAUS. We would also like to express our GRATITUDE and THANKS to IIIT for the commitment in funding the printing of the physical book.

جزاكم الله خيرا كثيرا.



122

ICT AND DA'WAH

VISION: TO BE UNITED AS AN UMMATAN WASA'ATAN THAT EMBRACES AL-FALĀḤ IN GUIDING A CYBER ISLAMIC ENVIRONMENT AND IN UPHOLDING TRUTH AND VALUES THROUGH AN EXEMPLARY CYBER MADANI SOCIETY, BY 2077.

1. INTRODUCTION

Allah (S.W.T.) equips us with the tools, and the abilities to develop technologies and infrastructure to live our lives as His servants ('ibād) and stewards (khulafā') on earth to the best of our abilities. The acquisition of knowledge is a very important activity in human life, says Imām Ahmad al-Husayni. According to him, Allah (S.W.T.) chooses knowledge over any other method to make known His Will to the followers of Prophet Muhammad (S.A.W.).

"Iqra' (Read)! In the name of thy Lord and Cherisher, Who created. Created man, out of a (mere) clot of congealed blood. Proclaim! And thy Lord is Most Bountiful. He Who taught (the use of) al-Qalam – 'the pen'. Taught man that which he knew not" (Q. al-'Alaq, 96: 1-5).

The first word revealed to Prophet Muhammad (S.A.W.), "Iqra'", became the first task assigned to him. Then Allah (S.W.T.) emphasised the significance of al-Qalam, long before any technologies of Qalam was developed. Qalam is a tool that writes, stores, disseminates, and shares knowledge through what is generally referred to as 'the pen'.

The first lesson that Prophet Ādam ('a.s.) received from Allah (S.W.T.) was "the names of all things" (Q. al-Baqarah, 2:31), otherwise known as codes or concepts, which, as a whole, constitute language. These show the importance of reading, and by extension, acquiring knowledge, communication, and da'wah activities (calling people to the way of Islam).

As of 2021, the number of people using Social Media is over 4.20 billion worldwide, with the average user having 8.6 accounts on different networking sites. A huge majority of people world-wide actively use social media for various reasons. With the technology of Artificial Intelligence, Big Data analytics, and sentiment analysis, da'wah can be delivered more meaningfully, efficiently, and effectively for all social media users - Muslims and non-Muslims.

Far from merely users and consumers, Muslims ought to be producers of ICT and Qalam technology for da'wah purposes. This is of great importance, so much so that Allah (S.W.T.) revealed a sūrah that discusses the concept of inscription or record, as a means of knowledge dissemination.

"Nūn. By the pen and what they inscribe..."
(Q. al-Qalam, 68:1)

The significant relationship between the pen and the inscription, or the 'record' is clearly expressed in Sūrah al-Qalam. This sūrah emphasises both the pen and its inscription – information, knowledge and its delivery. Both sūrahs al-'Alaq and al-Qalam signify crucial educational methodologies and ethics in Islam.

The Qur'an commands believers to carry out and proliferate da'wah as far wide as possible. It reminds that the application of the sciences, i.e. technology, should be utilised as a form of expressing shukr (gratitude) to Allah

123

EMPOWERING INNOVATION THROUGH STUDENT RESEARCH:

Gold Medal Achievement of IIUM IoTeams at IRPrO 2025

Gratitude is first extended to Allah SWT for the strength, knowledge, and opportunities granted throughout the course of this project. With divine guidance, various challenges were successfully navigated, and numerous valuable lessons were gained. This report aims to document the experience in hopes of encouraging others to pursue innovation with sincerity, diligence, and a positive mindset.

Two of our undergraduate students from the IoTeams Club (Ainul Hani Binti Mohd Manoj and Siti Maisarah Binti Abdul Aziz), were selected to represent KICT at the International Research Project Olympiad (IRPrO) held from 24th to 27th July 2025 at the Savoy Homann Hotel, Bandung, Indonesia. The project submitted, entitled “Rehabilitation Internet of Things (RIoT),” was presented under the Technology and Computer (TC) category. The innovation proposed a virtual rehabilitation platform leveraging only a standard webcam and eliminating the need for sensors or wearable devices and promoting accessibility and affordability in post-stroke rehabilitation.



Sr. Ainul Hani and Sr. Maisarah representing KICT arrived at Soekarno-Hatta International Airport on 24th July 2025

The event commenced on 24th July 2025, with participants from multiple countries gathering for the international exhibition. On 25th July, the project was presented during the exhibition session, where the system design and methodology were explained to an audience comprising of judges, participants, and international visitors. Later that evening, a formal project conference was held, where a comprehensive oral presentation and interactive Question-and-Answer (Q&A) session were conducted. Constructive feedback received from the judges and participants validated the practical value and originality of the project

On 26th July, participants were invited to explore the cultural and natural heritage of Bandung through a city tour, which included a visit to Wayang Windu, Nimo Highland, and local markets. The visit provides an opportunity for intercultural exchange and informal academic reflection.



Travel to Nimo Highland for City Tour on 26th July

The event concluded on 27th July with the closing and award ceremony, where the project was awarded the Gold Medal in the Technology and Computer category. This achievement recognized the project's innovation, relevance, and potential for real-world application in healthcare rehabilitation.



Sr. Ainul Hani and Sr. Maisarah received the Gold Medal award from Head of Indonesia Scientific Society. This achievement symbolizes academic excellence, innovation, and successful international representation by the IoTeams Club

The success of the project would not have been possible without the dedicated supervision of Ts. Dr. Ahmad Anwar Zainuddin, whose consistent guidance, critical insights, and encouragement were pivotal throughout the development and competition phases. His mentorship played a key role in enabling international-level participation and ensuring the project's academic integrity.

This experience demonstrated that impactful contributions to science and technology can be initiated from a foundation of passion, perseverance, and the willingness to begin. Perfection is not a prerequisite for innovation; rather, commitment and continuous improvement are essential. Student engagement in platforms such as IRPrO not only facilitates knowledge dissemination but also cultivates personal growth, resilience, and institutional pride.

The achievement at IRPrO 2025 stands as evidence of what can be accomplished through strong teamwork, effective academic mentorship, and sincere dedication. It is hoped that this milestone inspires further student-led research and international academic participation from IIUM and beyond.



Prepared by:

Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
IoTeams Coordinator
Department of Computer Science
anwarzain@iium.edu.my

KICT IIUM SHINES WITH DOUBLE WIN AT THE NEXT BIG THING STARTUP COMPETITION

BACHOK, 13 August 2025 – The Next Big Thing (TNBT): Startup Competition 2024/2025, organized by Universiti Malaysia Kelantan (UMK) through the UMK Institute of Entrepreneurship (UMKEI) in collaboration with the Ministry of Higher Education (KPT), brought together some of the brightest and most innovative student startups from across the country.

The competition featured a pitching parallel session, where more than 30 startup teams presented and defended their projects before a panel of judges. From this pool, only five teams advanced to the final pitching round in front of a live audience. Among them were:

1. International Islamic University Malaysia (IIUM)
2. Universiti Malaya (UM)
3. Universiti Kebangsaan Malaysia (UKM)
4. Universiti Tun Hussein Onn Malaysia (UTHM)
5. Universiti Sultan Zainal Abidin (UniSZA)



From this highly competitive platform, the Kulliyyah of Information and Communication Technology (KICT), IIUM proudly achieved a double victory:

- **FORTHIFY TECHNOLOGIES** achieved Second Runner-Up, winning a cash prize of RM3,000, a trophy, and a certificate.



- **Smart Pet Feeder (Pawtector)** received the Market Disruptor Award, an honour given to startups that successfully challenge norms and reshape markets. The team brought home a cash prize of RM500, a trophy, and a certificate.





Both award-winning teams were mentored by Dr. Hafizah Mahri and Dr. Shakiroh Khamis, whose guidance and support were instrumental in shaping the students' entrepreneurial journey.

The participation of IIUM teams in TNBT was also made possible through the strong support and sponsorship of the Entrepreneurship Development Centre (EDC), IIUM, which continues to play a vital role in nurturing innovation and entrepreneurial talent among students.

The competition concluded with a celebration night, where the winners were honoured in the presence of peers, industry experts, and academic leaders. For KICT IIUM, this milestone was more than just about trophies and prizes – it was a proud recognition of the creativity, resilience, and entrepreneurial excellence of its students, shining brightly on the national stage.



Prepared by,
Asst. Prof. Dr. Syakiroh Khamis
Mentor, The Next Big Thing Start-up Competition 2024/2025
Department of Information Systems
shakiroh@iium.edu.my

PROF. ZEYNEP TUNCER'S VISIT : COLLABORATION BEYOND BOUNDARIES

Prof. Zeynep Tuncer from Baden-Wuerttemberg Cooperative State University (DHBW), Germany, visited the Kulliyyah of Information and Communication Technology (KICT), IIUM, from 11 to 13 August 2025. The visit was hosted by the Perceptive and Sentiment Computing (PSC) Research Group together with the Pervasive Computing for Brain Development Research Group (PCBDG).

Her visit began on 11 August, where she met with the Dean of KICT, Prof. Dato' Dr Tengku Mohd Bin Tengku Sembok, to discuss possible collaborations in research, academic exchange, and joint initiatives. On the same day, she also visited the GamesMY Lab, hosted by Dr. Suhaila Samsuri, and explored projects on serious games and game-based learning. Later in the afternoon, she delivered her first talk, "Collaboration Beyond Boundaries: Interdisciplinary Research for a Changing World". The session highlighted accessibility, AI ethics, sustainability, impostor syndrome, and gender equity in technology, sparking thoughtful conversations among participants



Prof Zeynep visiting GamesMY Lab
hosted by Dr Suhaila

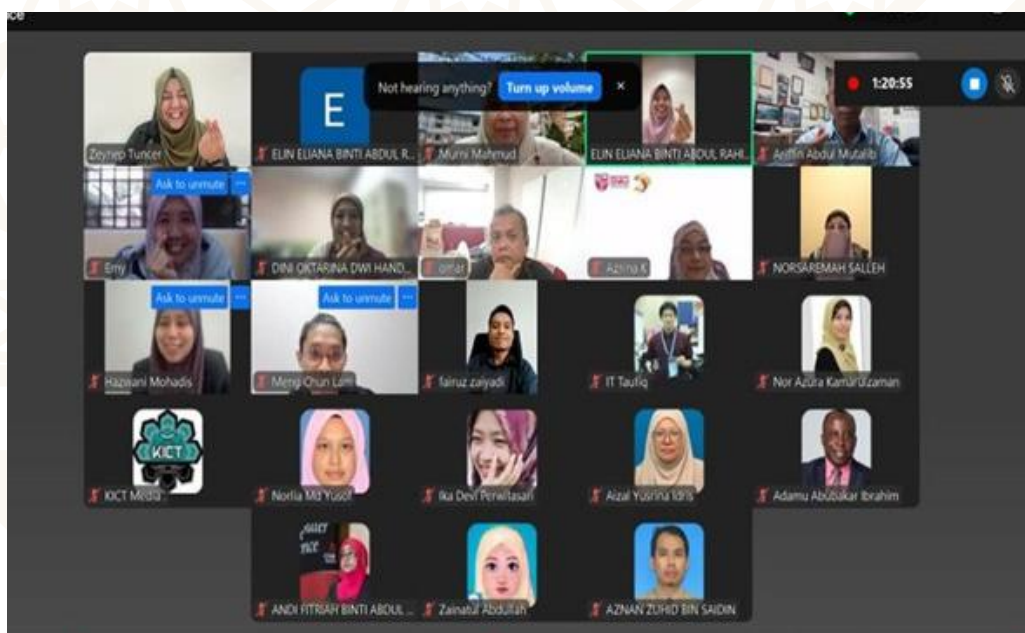


Prof Zeynep delivering her first talk and discuss
potential collaboration with RU leaders.

On 12 August, Prof. Zeynep Tuncer continued her engagement with IIUM researchers by visiting two more labs. At the NeuroCoach Digital Lab (NDL), hosted by Dr. Marini Othman, she was introduced to projects on brain-computer interaction and digital health. She then toured the Innovative Lab, hosted by Dr. Ahmad Anwar Zainuddin, where she explored creative projects in digital innovation. In the afternoon, she presented her second talk, “Social Media as a Bridge Between Talent and Sustainability – A German Perspective”. Drawing on examples from Germany, she explained how social media can empower talent and drive sustainability initiatives, which resonated with participants keen to adapt these ideas locally.



The final day, 13 August, focused on digital education. Prof. Zeynep Tuncer delivered her last talk, “Digital Education Reimagined: What Students Want and How UX Can Deliver. She emphasized how user experience (UX) can transform education by making learning platforms more student-centered, interactive, and inclusive. The session provided educators and researchers with practical ideas to enhance digital learning at IIUM.



Prof Zeynep delivering her third knowledge sharing session with members of MyHCI-UX



Appreciation ceremony and photo sessions with Prof Zeynep

Prof. Zeynep Tuncer's three-day visit was both engaging and inspiring. Her talks, combined with her interactions with KICT's research groups, strengthened academic ties between IIUM and DHBW Germany while opening new opportunities for collaboration in Human-Computer Interaction, accessibility, sustainability, and digital education.



Prepared by,
Asst. Prof. Dr. Elin Eliana Abdul Rahim
Leader, Perceptive and Sentiment Computing RU
Department of Information Systems
elin@iium.edu.my

STRENGTHENING ACADEMIC AND RESEARCH CAPACITY THROUGH INTERNATIONAL RESEARCH ATTACHMENT:

A Collaborative Effort between USK and IIUM

A Research Attachment Program was organized through a collaboration between Universitas Syiah Kuala (USK) and the International Islamic University Malaysia (IIUM). This program involved an undergraduate student from USK, Sr. Dek Rina. The sending institution was the Department of Physics, USK, while the host institution was the Kulliyyah of Information and Communication Technology (KICT), IIUM. The student's work was supported through a collaborative effort with Dr. Ahmad Anwar Zainuddin and the IoTeams research group under KICT, IIUM. This collaboration provided essential academic guidance, technical resources, and research supervision to facilitate the student's active involvement in multidisciplinary activities.

Over approximately four weeks, the programme included various engagements such as:

- Research activities and technical training
- The development of an IoT-based system using RIoT (Rehabilitation IoT) for patient data monitoring at Hospital Putrajaya
- Academic involvement through lectures and hands-on sessions led by Ts. Dr. Ahmad Anwar Zainuddin and the IoTeams Society.



Activities at Putrajaya Hospital in collaboration with the rehabilitation center during the launch of the Rehabilitation IoT (RIoT) prototype. A total of 100 stroke patients have been assessed with this prototype as part of the mandate entrusted by the Minister of Higher Education Malaysia.



Sr. Dek Rina with the IoTeams Society at the Kulliyah of ICT, IIUM.

In addition, Sr. Dek Rina also participated in the Anugerah Inovasi Negeri Selangor (Selangor State Innovation Awards) Expo. She also visited prominent sites across Malaysia, including mosques, museums, and planetariums, and attended international events such as the International Book Fair. These enriching experiences were key highlights of her academic and cultural immersion during the programme



Sr. Dek Rina with IoTeams at the Anugerah Inovasi Selangor 2025. She also collaborated with IIUM to showcase the IoT products

Sr. Dek Rina's participation in this program was driven by a strong motivation to deepen knowledge in the field of Physics, particularly in research areas involving the Internet of Things (IoT) and Artificial Intelligence (AI) for smart healthcare systems. She also gained broader insights through hands-on experience in module development at the Innovative Lab, and through meaningful engagement with international students in IIUM's diverse and multicultural environment. Besides, soft skills such as communication, teamwork, and research presentation were also strengthened through her active involvement with the IoT teams and participation in various international programmes.

The Research Attachment Programme concluded with a deep sense of gratitude. The experience significantly enhanced the student's academic knowledge, research skills, and international exposure. The journey was filled with both challenges and growth, some of which were captured and shared on her social media platforms.

Ultimately, the success of this attachment was made possible by the grace of Allah Almighty and the steadfast support of her parents, the sending institution (USK), and the host institution (IIUM). This initiative transformed routine academic responsibilities into impactful and meaningful experiences.

Sincere appreciation is extended to all parties who contributed to the programme, especially the mentors and research collaborators whose names may not be individually mentioned.



Prepared by:

Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
IoT teams Coordinator
Department of Computer Science
anwarzain@iium.edu.my

APPOINTMENTS & PROMOTIONS

Congratulations ON YOUR APPOINTMENT
DEAN



PROF. EMERITUS DATO' TS. DR. TENGKU MOHD TENGKU SEMBOK

DEPUTY DEAN

POSTGRADUATE, RESEARCH,
INNOVATION, DEVELOPMENT



PROF. DATIN DR.
ROSLINA OTHMAN

DEPUTY DEAN

STUDENT DEVELOPMENT AND
COMMUNITY ENGAGEMENT



ASST. PROF. DR.
MOHD KHAIRUL AZMI HASSAN

DEPUTY DEAN

ACADEMIC AND
INTERNATIONALISATION



ASST. PROF. DR.
AMIR 'AATIEFF AMIR HUSSIN

HEAD OF DEPARTMENT

COMPUTER SCIENCE



ASST. PROF. DR.
AZLIN NORDIN

HEAD OF DEPARTMENT

INFORMATION SYSTEMS



ASST. PROF. DR.
ZAINATUL SHIMA ABDULLAH

HEAD OF DEPARTMENT

LIBRARY AND INFORMATION SCIENCE



ASST. PROF. DR. SHARIFAH NUR
AMIRAH SARIF ABDULLAH

HEAD OF RESEARCH AND INNOVATION



ASST. PROF. TS. DR.
HAZWANI MOHD MOHADIS

HEAD OF CENTRE FOR IT ADVANCEMENT (CITA)



ASST. PROF. TS. DR.
HAYANI ABDUL RAHIM

PG COORDINATOR (CONSOLIDATED)



ASSOC. PROF. DR.
ADAMU ABUBAKAR ISMAIL

PG COORDINATOR

DEPARTMENT OF
INFORMATION SYSTEMS



ASST. PROF. DR.
SHAKIROH KHAMIS

DEPARTMENT OF
COMPUTER SCIENCE



ASST. PROF. TS. DR.
HAFIZAH MANSOR

COORDINATOR RESOURCE CENTRE



ASST. PROF. DR.
NOR SAADAH MD NOR

COORDINATOR ISLAMIZATION OF HUMAN KNOWLEDGE



PROF. DR.
AKRAM MZM KHEDHER

IT COORDINATOR



ASST. PROF. DR.
ABDUL RAFIEZ ABDUL RAZIFF

ACADEMIC ADVISOR

DEPTMENT OF
COMPUTER SCIENCE



ASST. PROF. DR. ZAINAB SENAN
MAHMUD ATTAR BASHI

DEPARTMENT OF
INFORMATION SYSTEMS



ASST. PROF. DR.
NOR AZURA KAMARULZAMAN

COORDINATOR FINAL YEAR PROJECT

DEPARTMENT OF
COMPUTER SCIENCE



ASST. PROF. TS. DR.
AHMAD ANWAR ZAINUDDIN

DEPARTMENT OF
INFORMATION SYSTEMS



ASST. PROF. DR.
ATIKAH BALQIS BASRI

MOTION-U COORDINATOR CENTRE FOR IT ADVANCEMENT (CITA)



MADAM
NOR AZIAN MOHAMAD ALI

ENTREPRENUER COORDINATOR

CENTRE FOR IT ADVANCEMENT
(CITA)



ASST. PROF. DR.
NURHAFIZAH MAHRI

ACADEMIC COORDINATOR

CENTRE FOR IT ADVANCEMENT
(CITA)



ASST. PROF. DR.
NUR ADIB MASPO

COORDINATOR INDUSTRIAL ATTACHMENT

DEPARTMENT OF
COMPUTER SCIENCE



ASST. PROF. DR.
NURUL LIYANA MOHAMED ZULKIFLI

DEPARTMENT OF
INFORMATION SYSTEMS



ASST. PROF. DR.
AYUB ABDUL RAHMAN

COORDINATOR

INFORMATION &
COMMUNICATION TECHNOLOGY



ASST. PROF. DR.
ASMARANI AHMAD OUZI

Congratulations

ON YOUR APPOINTMENT

DIRECTOR CPD

**CENTRE FOR PROFESSIONAL
DEVELOPMENT**



PROF. TS. DR. MIRA KARTIWI

DEPUTY DIRECTOR

**DATA MANAGEMENT AND DATA ANALYTICS
OFFICE FOIR STRATEGY AND
INSTITUTIONALCHANGE (OSIC)**



ASST. PROF. DR. RAINI HASSAN

IIUM CENTRE OF ARTIFICIAL INTELLIGENCE

DIRECTOR



PROF. DR. ROSE ALINDA ALIAS

**DEPUTY DIRECTOR
(GOVERNANCE)**



PROF. TS. DR. AMELIA RITAHANI ISMAIL

OFFICE OF KNOWLEDGE AND CHANGE ADVANCEMENT (KCA)

**DEPUTY DIRECTOR
(INNOVATION)**



**ASSOC. PROF. TS. DR.
HAMWIRA SAKTI YAACOB**

**DEPUTY DIRECTOR
(GOVERNANCE)**



**ASSOC. PROF. DR.
NURUL NUHA ABDUL MOLOK**

HEAD

**NON-CREDITED CO-CURRICULAR
ACTIVITY DEPARTMENT**



**ASST. PROF. DR.
MOHD SYARQAWY HAMZAH**

HEAD

**IIUM JOURNAL & PUBLICATION
(IIUM PRESS)**



PROF. DR. ASADULLAH SHAH

Congratulations ON YOUR APPOINTMENT

ACADEMIC QUALITY ASSURANCE LIAISON (AQAL)



ASST. PROF. DR.
NURAZLIN ZAINAL AZMI



ASST. PROF. TS. DR.
DINI OKTARINA DWI HANDAYANI

HEAD CENTRE OF EXCELLENCE FOR CYBER SECURITY



ASST. PROF. DR.
RIZAL MOHD NOR

COORDINATOR KICT SOCIAL MEDIA



ASST. PROF. DR.
NOR SAADAH MD NOR

WEBMASTER KICT WEBSITE



ASST. PROF. DR.
NAJHAN MUHAMAD IBRAHIM,



ASST. PROF. DR.
AHMAD FATZILAH MISMAN

Thank You

**FOR YOUR VALUABLE
CONTRIBUTIONS
FROM 2023 - 2025**



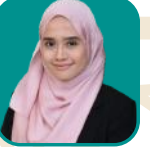
PROF. DR. MURNI MAHMUD
DEAN



ASSOC. PROF. DR. LILI MARZIANA ABDULLAH
DEPUTY DEAN
ACADEMIC AND INTERNATIONALISATION



ASST. PROF. TS. DR. HAMWIRA SAKTI
DEPUTY DEAN
STUDENT DEVELOPMENT & COMMUNITY
ENGAGEMENT



ASST. PROF. TS. DR. HAMWIRA SAKTI
DEPUTY DEAN
POSTGRADUATE &
RESPONSIBLE RESEARCH & INNOVATION



ASST. PROF. DR. KHAIRUL AZMI HASSAN
HEAD
DEPARTMENT OF INFORMATION SYSTEMS
& PG COORDINATOR MITE



ASST. PROF. DR. AMIR 'AATIEF AMIR HUSSIN
HEAD
DEPARTMENT OF COMPUTER SCIENCE



**ASST. PROF. DR. SHARIFAH NUR AMIRAH
SARIF ABDULLAH**
HEAD
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE



ASST. PROF. DR. NOOR AZURA ZAKARIA
HEAD, RESPONSIBLE RESEARCH & INNOVATION



ASST. PROF. TS. DR. NOOR HAYANI ABD. RAHIM
HEAD, CENTRE FOR IT ADVANCEMENT



PROF. DR. AKRAM MZM KHADHER
COORDINATOR
ISLAMIZATION OF HUMAN KNOWLEDGE



ASST. PROF. DR. ABDUL RAFIEZ ABDUL RAZIFF
COORDINATOR
INFORMATION & COMMUNICATION TECHNOLOGY



ASSOC. PROF. DR. ADAMU ABUBAKAR IBRAHIM
PG COORDINATOR CONSOLIDATED PROGRAMME
(MCST & PCST)



ASST. PROF. DR. NOR SAADAH MD. NOR
COORDINATOR, RESOURCE C ETRE



ASST. PROF. DR. AHSIAH ISMAIL
POTSGRADUATE COORDINATOR (DCS)



**ASST. PROF. DR.
NURUL LIYANA MOHAMAD ZULKUFLI**
INDUSTRIAL ATTACHMENT COORDINATOR
(DCS)



**ASST. PROF. TS. DR.
MOHD IZZUDDIN MOHD TAMRIN**
INDUSTRIAL ATTACHMENT COORDINATOR
(DIS)



**ASST. PROF. DR.
ZAINAB SENAN MAHMUD ATTAR BASHI**
ACADEMIC ADVISOR (DCS)



ASST. PROF. DR. MARINI OTHMAN
ACADEMIC ADVISOR (DIS)



ASST. PROF. DR. NUR ADIB MASPO
ACADEMIC ADVISOR (CITA)



**ASST. PROF. TS. DR.
DINI OKTARINA DWI HANDAYANI**
FINAL YEAR PROJECT COORDINATOR (DCS)



ASST. PROF. DR. ELIN ELIANA ABDUL RAHIM
FINAL YEAR PROJECT COORDINATOR (DIS)



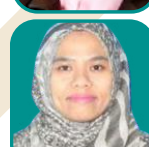
ASST. PROF. DR. NURAZLIN ZAINAL AZMI
AQAL



ASST. PROF. DR. NORZARIYAH YAHYA
AQAL



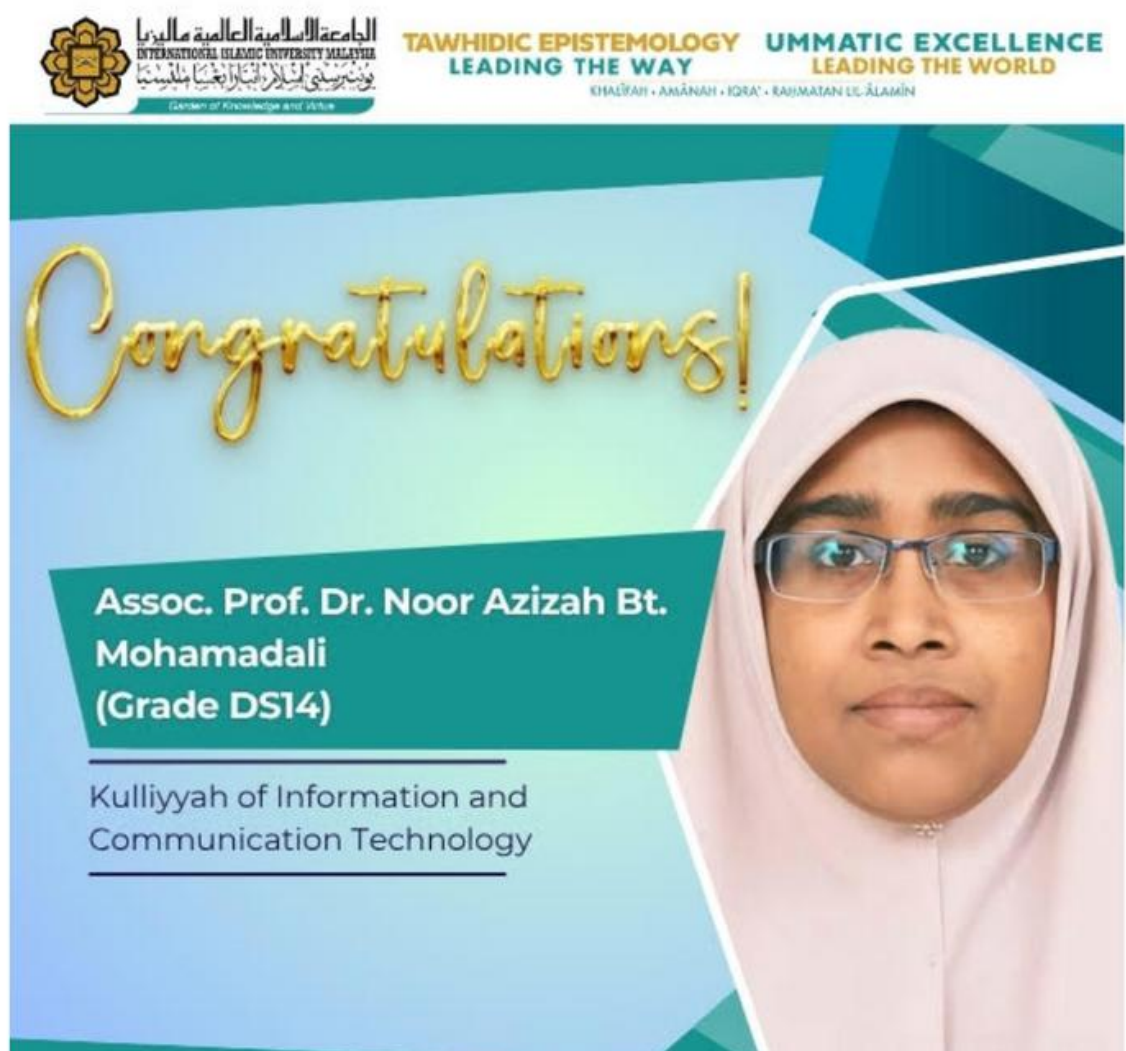
ASST. PROF. DR. SUHAILA SAMSURI
COORDINATOR
MICRO CREDENTIAL



ASST. PROF. DR. NURHAFIZAH MAHRI
COORDINATOR
ENTREPRENEURSHIP

Congratulations

ON YOUR PROMOTIONS



KICT TAKRIM 2025

Congratulations to All Award Recipients!

NO	AWARD	RECIPIENTS
1.	International Grant Recipient Year 2024	Prof. Dato' Dr. Mohamad Fauzan Bin Noordin Prof. Dr. Amelia Ritahani Ismail Assoc. Prof. Dr. Nurul Nuha Binti Abdul Molok
2.	University Grant Recipient Year 2024	Asst. Prof. Dr. Mohd Khairul Azmi Bin Hassan
3.	National Grant Recipients Year 2024	Asst. Prof. Dr. Azlin Bt Nordin Asst. Prof. Dr. Andi Fitriah Abdul Kadir Asst. Prof. Ts. Dr. Aidrina Binti Mohamed Sofiadin Asst. Prof. Ts. Dr. Noor Hayani Binti Abd Rahim Asst. Prof. Dr. Nor Saadah Binti Md Nor
4.	Sponsored Grant Recipients Year 2024	Asst. Prof. Dr. Norzariyah Binti Yahya
6.	Highest Amount of Research Grant – University Level	Asst. Prof. Dr. Elin Eliana binti Abdul Rahim
7.	Highest Amount of Research Grant – National Level	Asst. Prof. Dr. Amir 'Aatieff Bin Amir Hussin
8.	Highest Amount of Research Grant – Industrial Level	Assoc. Prof. Ts. Dr. Normi Sham Awang Abu Bakar
9.	Highest Amount of Research Grant – International Level	Assoc. Prof. Dr. Nurul Nuha Binti Abdul Molok
10.	Highest Number of Indexed Journal	Prof. Dr. Asadullah Shah
11.	Highest Number of Indexed Proceedings	Assoc. Prof. Ts. Dr. Zahidah Binti Zulkifli
12.	Top 3 Number of Collaboration paper (Industry/ International/ HEI)	Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani Asst. Prof. Dr. Zainab Senan Mahmud Attar Bashi Asst. Prof. Dr. Asmarani Binti Ahmad Puzi
13.	Highest Number of Publications in MyCITE	Asst. Prof. Dr. Zainab Senan Mahmud Attar Bashi
15.	Highest Number of Chapters indexed in SCOPUS/WOS	Asst. Prof. Dr. Andi Fitriah Binti Abdul Kadir
16.	Highest Number of Chapters not indexed in SCOPUS/WOS	Asst. Prof. Ts. Dr. Ahmad Anwar bin Zainuddin
17.	Highest Number of Other Publications	Asst. Prof. Ts. Dr. Hafizah Mansor
18.	Publication In KICT Newsletter	Asst. Prof. Dr. Nurazlin binti Zainal Azmi
19.	Highest Copyrighted Works for Year 2024	Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
20.	Highest research gifts for year 2024	Assoc. Prof. Ts. Dr. Normi Sham Awang Abu Bakar

KICT TAKRIM 2025

Congratulations to All Award Recipients!

NO	AWARD	RECIPIENTS
21.	Staff Mobility Recipients	Assoc. Prof. Dr. Nurul Nuha Binti Abdul Molok Asst. Prof. Ts. Dr. Noor Hayani Binti Abd Rahim Assoc. Prof. Ts. Dr. Zahidah Binti Zulkifli Asst. Prof. Dr. Suhaila Binti Samsuri Asst. Prof. Dr. Shuhaili Bt. Talib
22.	Gold Award in Digital Innovation Creativepreneur (DICE) 2.0	Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
23.	Leaders/Committee in National Academic/Professional Bodies/Associations	Asst. Prof. Dr. Shuhaili Bt. Talib Asst. Prof. Dr. Noor Azura Binti Zakaria Assoc. Prof. Ts. Dr. Zahidah Binti Zulkifli Asst. Prof. Ts. Dr. Aidrina Binti Mohamed Sofiadin Asst. Prof. Dr. Suriani Bt. Sulaiman Asst. Prof. Dr. Najhan bin Muhamad Ibrahim
24.	Top 10 Myra Contribution to KICT	Prof. Datin Dr. Roslina Bt. Othman Asst. Prof. Dr. Noor Azura Binti Zakaria Prof. Dr. Akram M Z M Khedher Prof. Dr. Asadullah Shah Asst. Prof. Dr. Shuhaili Bt. Talib Prof. Dr. Amelia Ritahani Bt. Ismail Asst. Prof. Dr. Ahmad Anwar bin Zainuddin Asst. Prof. Dr. Rizal Bin Mohd. Nor Assoc. Prof. Ts. Dr. Normi Sham Bt. Awang Abu Bakar Asst. Prof. Dr. Ahsiah Binti Ismail
25.	Publication Award (Social Writing)	Sr. Nurlaili binti Sanadi
26.	Social Writing Award	Prof. Dr. Akram M Z M Khedher
27.	Best Paper in KICT Journals 2024	IJPCC : Prof. Dr. Amelia Ritahani Bt. Ismail JISDT: Asst. Prof. Dr. Najhan bin Muhamad Ibrahim
28.	KHAIR Administrator Award	Madam Zenita Arryani Bt. Tiyunin Br. Muhamad Faez Bin Mat Yusof Sr. Junaida Bt. Zainuddin
29.	Quality Administrative Staff Award	Sr. Narieta Bt. Bukhari Sr. Hasnita Bt. Ahmad Sr. Zuyati Mohamed Sr. Hafizati Hamidi
30.	Exemplary Administrative Award	Sr. Hasnita Bt. Ahmad
31.	Creative And Innovation Award	Br. Ahmad Zurairi 'Anif Bin Amri Sr. Nurlaili Sanadi
32.	Integrity Award	Prof. Dr. Abdul Wahab Abdul Rahman Br. Meor Shahmer Azrai Meor Samsudin

KICT TAKRIM 2025

Congratulations to All Award Recipients!

NO	AWARD	RECIPIENTS
33	Best Discipline Staff	Prof. Emeritus Dato' Ts. Dr. Tengku Mohd Bin Tengku Sembok Br. Meor Shahmer Azrai Meor Shamsudin
34	Alumni Community Engagement (among Alumni of IIUM in KICT)	Asst. Prof. Dr. Mohd. Syarqawy Bin Hamzah Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
35.	Best Staff Entrepreneur Award	Asst. Prof. Dr. Nurhafizah Binti Mahri
36	IIUM Sports Award	Br. Muhd. Rosydi Bin Muhammad Sr. Hafizati Binti Hamidi
37	Community Builder Award Staff	Asst. Prof. Dr. Najhan bin Muhamad Ibrahim
38	KICT Community Engagement Awards – External	Assoc. Prof. Dr. Nurul Nuha Binti Abdul Molok Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani Asst. Prof. Dr. Atikah Balqis Basri Madam Noor Azian Mohamad Ali Assoc. Prof. Ts. Dr. Normi Sham Bt. Awang Abu Bakar
39	Environmental Sustainability Award – Internal	Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
40	Most active Industrial Partner Award 2024	Assoc. Prof. Ts. Dr. Normi Sham Bt. Awang Abu Bakar Asst. Prof. Dr. Zainab Senan Mahmud Attar Bashi Asst. Prof. Dr. Marini binti Othman Assoc. Prof. Ts. Dr. Hamwira Sakti Bin Yaacob
41	Keynote Speaker Award	Prof. Dato' Dr. Mohamad Fauzan Noordin
42	Financial Sustainability Award 2024	Asst. Prof. Dr. Marini and NDL Team
43	Murabbi Award 2024	Assoc. Prof. Ts. Dr. Normi Sham Awang Abu Bakar
44	Promising Academic Award	Asst. Prof. Ts. Dr. Hazwani Mohd Mohadis Asst. Prof. Dr. Sharifah Nur Amirah Sarif Abdullah
45	Best Teaching Innovation in Virtual Learning	Asst. Prof. Dr. Azlin Nordin Asst. Prof. Dr. Andi Fitriah Abdul Kadir
46	Best Teaching Innovation for Project-Based Learning	Madam Noor Azian Bt Mohamad Ali Asst. Prof. Dr. Nurhafizah Mahri
47.	Best Teaching Innovation for Experiential Learning	Asst. Prof. Ts. Dr. Hafizah Mansor Asst. Prof. Dr. Rizal Mohd. Nor
48	Best Teaching Innovation for Transdisciplinary Learning	Prof. Dr. Akram MZM Khedher Asst. Prof. Dr. Marini Othman
49	Best Virtual Presentation Award	Asst. Prof. Dr. Azlin Bt Nordin
50	Kulliyyah Special Best Award	Prof. Datin Dr. Roslina Bt. Othman Prof. Dr. Murni Bt. Mahmud Prof. Dr. Akram MZM Khedher Br. Muhamad Faez Bin Mat Yusof
51	Best Knowledge Transfer Project	Assoc. Prof. Dr. Nurul Nuha Abdul Molok Asst. Prof. Dr. Shuhaili Bt. Talib

KICT TAKRIM 2025

Congratulations to All Award Recipients!





IIUM TAKRIM 2025 & FESTIVAL OF IDEAS

Congratulations to Kulliyah of ICT & Award Recipients!



COMPLETION OF THE CCNAV7: SWITCHING, ROUTING, AND WIRELESS ESSENTIALS (SRWE) TRAINING



Congratulations to Dr. Anwar, Dr. Izzuddin, and Dr. Atikah on the successful completion of the CCNAV7: Switching, Routing, and Wireless Essentials (SRWE) training, organized by the College of Engineering, UiTM Shah Alam.

Your dedication to enhancing your networking skills and commitment to professional development are truly commendable. This achievement marks a significant step forward in your journey to empower future talents and contribute meaningfully to the field of network education. Well done and all the best in your continued excellence!

SECURING NEW RESEARCH GRANT

TAHWIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KUALA LUMPUR - AMMAN - GIZA - SAUDI ARABIA

Congratulations!

FOR BEING AWARDED A GRANT OF SPONSORED RESEARCH PROJECT (INTERNATIONAL)
TITLE: A NEW FRAMEWORK USING BLOCKCHAIN AND IOT TO ENHANCE TRUST MANAGEMENT IN HALAL SUPPLY CHAIN
FUNDING FROM UNITED ARAB EMIRATES, SAUDI ARABIA
RM11,643.58

FOR THIS ACHIEVEMENT, THE RESEARCHER IS AWARDED FOR MYRA (800 P) INTERNATIONAL GRANT - 0.008 EQUIVALENT TO 8.1 INDEXED JOURNAL (C20) INTERNATIONAL FUNDS RECEIVED 0.003 - EQUIVALENT TO 1.52 INDEXED JOURNAL

TAHWIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KUALA LUMPUR - AMMAN - GIZA - SAUDI ARABIA

Congratulations!

FOR BEING AWARDED A GRANT OF SPONSORED RESEARCH PROJECT (INTERNATIONAL)
TITLE: SADA: A BCI BASED STUDENT ATTENTION DEFICIT ALERT AND PROFILING SYSTEM FOR EFFECTIVE LEARNING
FUNDING FROM UNIVERSITAS TEKNOKRAT INDONESIA (UTI)
RM10,000.00

FOR THIS ACHIEVEMENT, THE RESEARCHER IS AWARDED FOR MYRA (800 P) INTERNATIONAL GRANT - 0.008 EQUIVALENT TO 8.1 INDEXED JOURNAL (C20) INTERNATIONAL FUNDS RECEIVED 0.0028 - EQUIVALENT TO 1.33 INDEXED JOURNAL

RESEARCH GRANT COMPLETION

TAHWIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KUALA LUMPUR - AMMAN - GIZA - SAUDI ARABIA

الحمد لله
Congratulations
for completing the
Sponsored Research Project (International)

Title
Developing Malaysia's Cyber Resilience through Standards-based Training in Strategic Thinking and Cyber Leadership

Team Members
Asst. Prof. Ts. Dr. Noor Hayani Abd Rahim
Asst. Prof. Dr. Shuhaili Talib
Asst. Prof. Dr. Suhaila Binti Samsuri
Assoc. Prof. Ts. Dr. Zahidah Zulkifli
DaTo' Prof. Dr. Norbik Bashah Idris
Prof. Emeritus Dato' Ts. Dr. Tengku Mohd Tengku Sembok
Assoc. Prof. Atif Ahmad, University of Melbourne (UoM)
Assoc. Prof. Sean Maynard, University of Melbourne (UoM)

Assoc. Prof. Dr. Nurul Nuha Abdul Molok

Total RM165,000

TAHWIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KUALA LUMPUR - AMMAN - GIZA - SAUDI ARABIA

الحمد لله
Congratulations
for completing the
IIUM-UIMP-UiTM Sustainable Research Collaboration Grant 2020

Title
Development of Framework and Business Model for University Crowdsourcing Food-Bank Mobile Application

Team Members
Asst. Prof. Dr. Amir 'Aatieff Amir Hussin
Asst. Prof. Dr. Najhan Muhammad Ibrahim
Dr. Nora'ayu Ahmad Uzir, Faculty of Information Management, UiTM
DR. Rahmah Mokhtar, Fakulti Komputeran, UIMP

Asst. Prof. Dr. Mohd Khairul Azmi Hassan

Total RM20,000

TAHWIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KUALA LUMPUR - AMMAN - GIZA - SAUDI ARABIA

الحمد لله
Congratulations
for completing the
UIMP-IIUM Sustainable Research Collaboration Grant 2022

Title
Vision-based vehicle detection using Deep Learning

Team Members
Asst. Prof. Dr. Asmarani Ahmad Puzi
Prof. Dr. Amelia Ritahani Ismail
Dr. Suryanti Awang, Faculty of Computing, UIMP

Asst. Prof. Dr. Ahsiah Ismail

Total RM20,000

TAHWIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KUALA LUMPUR - AMMAN - GIZA - SAUDI ARABIA

الحمد لله
Congratulations
for completing the
Sponsored Research (Sponsored by IIUM)

Title
Smart Attendance in Classroom with Facial Recognition (COBOT)

Team Members
Asst. Prof. Dr. Amir 'Aatieff Bin Amir Hussin
Asst. Prof. Dr. Mohd Khairul Azmi Bin Hassan
Asst. Prof. Dr. Andi Fitriah Binti Abdul Kadir
Asst. Prof. Dr. Rizal Mohd. Nor
Asst. Prof. Ts. Dr. Hafizah Binti Mansor

Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin

Total RM20,000

COMPLETION OF THE VIVA VOCE





Congratulations
on Conquering Your
Viva Voce!



➤ RAJA SOHAIB ALTAF
➤ Doctor of Philosophy (Computer Science)
G1638571

"DECISION MAKING FRAMEWORK FOR SOFTWARE BUG PRIORITIZATION"




Thursday, 26th June 2025

DOCTORAL EXAMINATION COMMITTEE (DEC)

- Prof. Dr. Amir Akramin Bin Shafie (Chairperson)
- Nur Damia Qistina Berahim (Secretariat)
- Prof. Dr. Memon Zulfiqar Ali (External Examiner)
- Professor Dr. Abd. Samad Bin Hasan Basari (External Examiner 2)
- Prof. Dr. Akram M Z M Khedher (Internal Examiner)
- Assoc. Prof. Dr. Adamu Abubakar Ibrahim (Kuliyah Representative)
- Assoc. Prof. Dr. Madihah Bt. S. Abd. Aziz (Main Supervisor)



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

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





Congratulations
on Conquering Your Viva Voce!

Silabdi Hana
Doctor of Philosophy (Computer Science)
G1734704

A MODEL OF DEEP LEARNING ALGORITHM FOR EEG-BASED MENTAL STRESS IDENTIFICATION AND QURAN RECITATIONS THERAPY FOR HEALTHY MENTAL STATE AMONG UNIVERSITY STUDENTS.






21 JULY 2025, MONDAY

DOCTORAL EXAMINATION COMMITTEE (DEC):

- Prof. Dr. Amir Akramin Bin Shafie (Chairperson)
- Nur Damia Qistina Berahim (Secretariat)
- Prof. Dr. Md. Shohel Sayeed (External Examiner 2)
- Prof. Dr. Abdul Wahab Bin Abdul Rahman (Internal Examiner)
- Prof. Emeritus Dato' Ts. Dr. Tengku Mohd Bin Tengku Sembok (Internal Examiner 2)
- Ts. Dr. Dini Oktarina Dwi Handayani (Kuliyah Representative)
- Dr. Raini Binti Hassan (Main Supervisor)
- Dr. Nurhafizah Binti Mahri (Co-Supervisor)



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





Congratulations
on Conquering Your
Viva Voce!



Olaturunji Austine Kehinde
➤ G2133791
➤ Doctor of Philosophy (Library and Information Science)

➤ Enhancing Digital Literacy for Online Database Utilization in Southwest Nigerian State Universities: Exploring Challenges and Opportunities Using The Theory of Planned Behaviour




16 July 2025, Wednesday


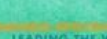

DOCTORAL EXAMINATION COMMITTEE (DEC)

- Assoc. Prof. Dr. Saheed Abdullahi Busari (Chairperson)
- Fadilah Binti Johari (Secretariat)
- Assoc. Prof. Dr. Mad Khir Johari Bin Abdullah Sani (External Examiner)
- Assoc. Prof. Dr. Saidatul Akmar Binti Ismail (External Examiner 2)
- Dr. Nor Saadah Binti Md Nor (Internal Examiner)
- Prof. Dr. Asadullah Shah (Kuliyah Representative)
- Assoc. Prof. Ts. Dr. Zahidah Binti Zulkifli (Main Supervisor)
- Dr. Nur Leyni Nilam Putri Binti Junurham (Co-Supervisor)




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

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

CPS WISHES YOU ALL THE BEST FOR YOUR PhD Viva Voce



OLATUNJI AUSTINE KEHINDE
KULIYAH OF INFORMATION & COMMUNICATION TECHNOLOGY

SUPERVISOR :
ASSOC. PROF. TS. DR. ZAHIDAH BINTI ZULKIFLI

DATE : 16 JULY 2025

THESIS TITLE : ENHANCING DIGITAL LITERACY FOR ONLINE DATABASE UTILIZATION IN SOUTHWEST NIGERIAN STATE UNIVERSITIES: EXPLORING THE CHALLENGES USING THE THEORY OF PLANNED BEHAVIOUR

Centre for Postgraduate Studies

COMPLETION OF THE COMPUTING PROJECT



Congratulations ON YOUR COMPUTING PROJECT!

➤ A Case Study of SWOT Analysis of E-Invoicing in a Malaysian Bank




**Siti Aisyah binti
Abd Rahim**
➤ G2218082
➤ Master in Information Technology

✓ Main Supervisor: Asst. Prof. Dr. Noor Azura binti Zakaria

COMPUTING PROJECT COMMITTEES :

✓ Examiner 1: Asst. Prof. Dr. Siti Asma binti Mohammed
✓ Examiner 2: Asst. Prof. Dr. Noor Azura binti Zakaria

COMPLETION OF THE DISSERTATION



Congratulations ON YOUR DISSERTATION !

➤ Metadata Quality and Interoperability of Malaysian Cultural Heritage Digital Image Collections




**Atikah Binti Muhammad
Noor Choliq**
➤ G2227054
➤ Master in Library and Information Science

✓ Main Supervisor: Asst. Prof. Dr. Sharifah Nur Amirah binti Sarif Abdullah

DISSERTATION COMMITTEES :

✓ Examiner 1: Asst. Prof. Dr. Sharifah Nur Amirah binti Sarif Abdullah
✓ Examiner 2: Assoc. Prof. Ts. Dr. Normi Sham binti Awang Abu Bakar

 **PASS WITH MINOR**

COMPLETION OF THE PROPOSAL DEFENSE



Congratulations ON YOUR PROPOSAL DEFENSE!



Said Intisaar Omar

➤ G2323702

➤ Doctor of Philosophy in Computer Science and Information Technology

 **PASS**

➤ Using the ADDIE Model to Design and Evaluate an Integrated Mobile Service System for Real-Time School Bus Monitoring with Traceability: A Study in Zanzibar




- ✓ Main Supervisor: Asst. Prof. Dr. Abdul Rafiez bin Abdul Raziff
- ✓ Co-Supervisor: Asst. Prof. Dr. Zainab Senan Mahmood
- ✓ Chairman: Prof. Dr. Asadullah Shah

PROPOSAL DEFENSE COMMITTEES:

- ✓ Chairman: Asst. Prof. Dr. Zainatul Shima binti Abdullah
- ✓ Examiner 1: Asst. Prof. Dr. Najhan bin Muhamad Ibrahim
- ✓ Examiner 2: Asst. Prof. Dr. Elin Eliana binti Abdul Rahim




Congratulations ON YOUR PROPOSAL DEFENSE!



MD Tanvir Hasan

➤ G2314527

➤ Master in Computer Science and Information Technology

 **PASS WITH MINOR**

➤ Hybrid Computational Model of Reflectivity Values and Rain Cell Size for Improved Flood Disaster Prediction



- ✓ Main Supervisor: Asst. Prof. Dr. Atikah Balqis binti Basri
- ✓ Co-Supervisor 1: Asst. Prof. Ts. Dr. Ahmad Anwar bin Zainuddin
- ✓ Co-Supervisor 2: Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani

PROPOSAL DEFENSE COMMITTEES:

- ✓ Chairman: Asst. Prof. Ts. Dr. Hafizah binti Mansor
- ✓ Examiner 1: Asst. Prof. Dr. Sharyar Wani
- ✓ Examiner 2: Asst. Prof. Dr. Raini binti Hassan

PTEM ACCOMPLISHMENT

Congratulations
on Accomplishing Your PTEM MASTER!

Hasan Khair Bin Adzman
G2317113
Master in Computer Science and Information Technology (MCST)



→ **SKYLINE QUERIES OVER LARGE-SCALE AND INCOMPLETE GRAPH USING MACHINE LEARNING**

POST THESIS EVALUATION MEETING COMMITTEE (PTEM) :

- Prof. Datin Dr. Roslina Bt. Othman (Chairperson)
- Noraini Natasha Binti Mohd Nor Azmi (Academic Secretariat)
- Assoc. Prof. Dr. Mohammad Faizul Nasrudin (External Examiner)
- Prof. Emeritus Dato' Ts. Dr. Tengku Mohd Bin Tengku Sembok (Internal Examiner)
- Assoc. Prof. Dr. Adamu Abubakar Ibrahim (Internal Examiner)
- Dr. Suriani Bt. Sulaiman (Kuliyah Representative)
- Dr. Raini Binti Hassan (Main Supervisor)
- Ts. Dr. Dini Oktarina Dwi Handayani (Co-Supervisor)




Tuesday, 29 July 2025

"May your journey ahead be filled with achievements, personal growth, and exciting new adventures."

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

Congratulations
on Accomplishing Your PTEM!

Ubair Noor
G2221587
Master in Computer Science and Information Technology (MCST)



→ **OPTIMIZING SKYLINE QUERIES IN LARGE- SCALE AND INCOMPLETE GRAPHS USING MACHINE LEARNING**

POST THESIS EVALUATION MEETING COMMITTEE (PTEM) :

- Dr. Rizal Bin Mohd. Nor (Chairperson)
- Noraini Natasha Binti Mohd Nor Azmi (Academic Secretariat)
- Professor Nor Liyana Bt Mohd Shuib (External Examiner)
- Assoc. Prof. Dr. Adamu Abubakar Ibrahim (Internal Examiner)
- Assoc. Prof. Ts. Dr. Hamwira Sakti Bin Yaacob (Internal Examiner)
- Prof. Dr. Amelia Ritahani Bt. Ismail (Kuliyah Representative)
- Dr. Raini Binti Hassan (Main Supervisor)
- Ts. Dr. Dini Oktarina Dwi Handayani (Co-Supervisor)




28 July 2025, Monday

"May your journey ahead be filled with achievements, personal growth, and exciting new adventures."

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

Talk & Seminar



TAUHHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KICT
King Fahd University of Petroleum & Minerals

AI RESEARCH SHARING SESSION AND RESEARCH COLLABORATION OPPORTUNITIES

Join our engaging research sharing session with AI experts and opportunities for research collaboration



23 JULY 2025, WEDNESDAY
10:00 AM – 12:00 PM
**DLIS MEETING ROOM,
LEVEL 4, KICT**

ASSOC. PROF. DR. YONIS GULZAR
King Faisal University
Saudi Arabia

Organized by:
Computational Intelligence Research Group (CIRG)
Blockchain/Distributed Ledger Technology & Applications Research Group
IIUM Software Engineering Research Group




TAWHIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KHALIFAH • AMANAH • IZLAH • KAMUKAMALAN ISILAM

COLLABORATION BEYOND BOUNDARIES: INTERDISCIPLINARY RESEARCH FOR A CHANGING WORLD

Touchpoints on Accessibility, AI Ethics, Sustainability,
Impostor Syndrome and Gender Equity in Tech

 **11 AUGUST 2025 (MONDAY)**
 **11.00 AM - 12.30PM**
 **DLIS MEETING ROOM**



Organised by:  **PSC**
Co-organised by:  **PROF. ZEYNEP TUNCER**
PROFESSOR OF DIGITAL MEDIA,
HEAD OF THE MEDIA LAB,
BADEN-WUERTTEMBERG COOPERATIVE STATE
UNIVERSITY (DHBW), GERMANY


TAWHIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KHALIFAH • AMANAH • IZLAH • KAMUKAMALAN ISILAM

KICT Intellectual Talk:

Social Media as a Bridge Between Talent and Sustainability – A German Perspective

 **12 AUGUST 2025 (TUESDAY)**
 **11AM - 1PM**
 **E501, LEVEL 5,
BLOCK E, KICT**



Organised by:  **PSC** **Co-organised by:**  **PROF. ZEYNEP TUNCER**
PROFESSOR OF DIGITAL MEDIA,
HEAD OF THE MEDIA LAB,
BADEN-WUERTTEMBERG COOPERATIVE STATE
UNIVERSITY (DHBW), GERMANY


TAWHIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KHALIFAH • AMANAH • IZLAH • KAMUKAMALAN ISILAM

DIGITAL EDUCATION REIMAGINED: WHAT STUDENTS WANT AND HOW UX CAN DELIVER

 **13 AUGUST 2025 (WEDNESDAY)**
 **10AM - 12PM**



Organised by:  **PSC** **Co-organised by:**  **myHCI-UX**
PROFESSOR OF DIGITAL
MEDIA,
HEAD OF THE MEDIA LAB,
BADEN-WUERTTEMBERG
COOPERATIVE STATE
UNIVERSITY (DHBW),
GERMANY

 **Meeting ID:** 971 5808 6445
Passcode: 240884
<https://youtube.com/live/1tn6bS4onQ4?feature=share>


TAWHIDIC EPISTEMOLOGY LEADING THE WAY
UMMATIC EXCELLENCE LEADING THE WORLD
KHALIFAH • AMANAH • IZLAH • KAMUKAMALAN ISILAM

KICT INTELLECTUAL TALK SERIES 2/2025

COMMERCIALIZATION TALK : RESEARCH AND PRODUCT COMMERCIALIZATION

with
DATO' MOHAMAD AKHTAR BIN AHMAD ZAINUDIN
 Founding Member of AIER
 (Association of Innovative & Educational Research)

 **25 August 2025/Monday**
 **10:00 a.m**
 DLIS Meeting Room, Level 4, KICT
 Hybrid : Zoom and Youtube KICT Media



Attendance

 Organized by : Office of Research and Innovation, KICT

Research tips and FAQs

FRQS Application: Do's and Don'ts You Must Know

⚠ What You Overlook Now Will Delay You Later

> Conferences/Fieldwork

✓ DO:

- Include detailed travel info: location, dates, agenda, and cost breakdown.
- When allocating conference fees under Vote 29000, make sure to also include related travel expenses under Vote 21000 (Travel & Transportation).
- Clearly specify whether the planned travel is local or overseas

✗ DON'T:

- Don't assume travel is allowed just because it's listed in your budget
- Don't purchase flight tickets or pay conference fees before approval.
- Don't proceed with travel using personal funds expecting later reimbursement—claims will be rejected without prior approval.

> Honorarium / Professional Services

✓ DO:

- Number of enumerators/ language editors/ consultants to be lifted under V29000
- Get appointment letters & approval BEFORE service is delivered

✗ DON'T:

- Don't make payments without prior approval or appointment letters

> Project Timeline

✓ DO:

- Build in buffer time for approvals (e.g., 3 months before overseas travelling) while drafting the project milestone
- Ensure timeline aligns with the duration of the project

✗ DON'T:

- Don't forget to allocate time for report writing and publication

> Publication

✓ DO:

- Make sure there is enough allocation for publication (at least 2 publications)
- State realistic and achievable publication targets

✗ DON'T:

- Don't list unrealistic numbers of publications (e.g., 5 Q1 journals in 2 years)

> Purchasing

✓ DO:

- Specify research material categories under Vote 27000 (e.g., chemicals, components, consumables) and Vote 35000, but avoid listing specific brands or models. Example: Chemicals - Sodium chloride & other lab chemicals. Quotation from the supplier is required.

✗ DON'T:

- Don't propose purchasing **non-permissible items**
- Don't use vague terms like "research materials" or "software"
- Don't use the quotation from online shopping platforms such as Shopee, Lazada, or similar sites

**Please refer to the guideline on the allowable expenditures

WHERE TO SUBMIT AND WHO CAN BE CONTACTED FOR FURTHER INQUIRIES?

Claims should be submitted to:

KL/Pagoh/Gombak : Sr. Syahira (ext 5017)
Gambang/Kuantan : Sr. Hawa (ext 3518)

For further inquiries, please contact the respective person

CAN CLAIM FOR MULTIPLE PUBLICATIONS?

Yes. Multiple claims can be made, but each must be for a different publication, and does **not exceeded RM 2,500 per claim**



WHAT IS THE PUBLICATION FACILITATION FEE?

Financial support provided to researchers to cover article processing charges (APCs)

WHO IS ELIGIBLE TO CLAIM?

IIUM active academic staff who either have no research funding or have insufficient funding to support their publication

HOW TO APPLY ?

1. Download and fill up the Publication Facilitation Fee Form from RMC Official Website
2. Attach the required supporting documents:
 - Copy of the published full article
 - Receipt of fee payment and copy of payment instruction
 - Evidence the article is publish in an indexed journal – WoS Q1, Q2, Q3, Q4, ESCI or SCOPUS
 - The journal is not published by MDPI, FRONTIER, & HINDAWI
 - The copy of article has been deposited into IREP

FREQUENTLY ASKED QUESTIONS (FAQ) - PUBLICATION FACILITATION FEE

WHAT TYPE OF PUBLICATIONS ARE COVERED ?

Article published in indexed journals (SCOPUS and WoS)

HOW LONG THE PROCESS WOULD TAKE?

Processing typically takes:

- 5 working days (RMC level)
- 14 working days (Finance level)

HOW WILL THE REIMBURSEMENT BE MADE?

Approved claims will be reimbursed via bank transfer to the researcher's registered account

IS THERE A DEADLINE FOR CLAIM SUBMISSION?

Claims must be submitted within 6 months from the date of receipt

A **justification letter** must be provided if the submission exceeds 6 months

Prepared by: Grant Management Unit



5 Steps to IRep Depositing (Using BibTeX or DOI)

A Quick Guide for Easy Submission

Retrieve Citation Data

1

- BibTeX:
Search article in **Scopus** → Click **Export** → Select **BibTeX** → Tick all boxes → Click **Export** to download .bib file
- DOI:
Copy the **DOI** from a trusted source
(e.g., Scopus, publisher site, journal page)

Import into IRep

2

- BibTeX:
Log in to **IRep** → Go to **Manage Deposits** → Select **BibTeX** from *Import from* menu → Copy content from .bib file → Paste into **Paste Data** tab → Click **Import Items**
- DOI:
Log in to **IRep** → Go to **Manage Deposits** → Select **DOI** from *Import from* menu → Paste DOI → Click **Import Items**

Upload Supporting Evidence

3

Go to **Upload** tab → Click **Choose File** to upload PDF → Click **Save and Return**

Complete Metadata

4

Review all tabs and complete all required metadata fields

Deposit the Item

5

Click **Deposit Item** → Status will be **Under Review**
(Note: Item will not be publicly visible until approved by IRep Editor).

Article

Abdul Kadir, Andi Fitriah and Balalo @ Bolalan, Hairul Nizam (2025) Perceptive computing for android threats: unveiling Jekyll and Hyde syndrome in scareware. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 50-59. E-ISSN 2462-229X

Abdul Mohaimin, Irfan Qayyim and Mohd Marzuki, Aida Najihah and Hassan, Raini (2025) Predictive analytics for sustainable tourism development: a data-driven approach. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 135-147. E-ISSN 2462-229X

Adzman, Hasan Khair and Hassan, Raini and Handayani, Dini Oktarina Dwi (2025) Enhancing skyline query processing on large and incomplete graphs with graph neural networks: a hybrid machine learning approach. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (2). pp. 162-172. E-ISSN 2462-229X

Ahmed, Mahfooz and Al-Hussaini, Abulfathi Ibrahim Saleh and Abubakar, Adamu (2025) Factors influencing the intention to use the Nigerian central bank digital currency (E-Naira) among Nigerian retailers. Journal of Financial Services Marketing, 30 (1). pp. 1-16. ISSN 1363-0539 E-ISSN 1479-1846

Awang Abu Bakar, Normi Sham and Nordin, Azlin and Sheikh Abdul Aziz, Madihah and Yahya, Norzariyah and Che Ahmad, Aminudin and Hassan, Mohd Khairul Azmi (2025) A preliminary strategy towards supporting the automation of shariah-compliant requirements. Malaysian Journal of Computing, 10 (1). pp. 2117-2134. E-ISSN 2600-8238

Basri, Atikah Balqis and Hasan, Md Tanvir and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmod Attar Bashi, Zainab Senan and Mohamed, Norhafana (2025) Analyzing cloud size using weather radar data for improved flood disaster prediction. Journal of Information Systems Engineering and Management, 10 (47s). pp. 833-845. E-ISSN 2468-4376

Farabi, Ahmad and Salim, Zamroni and Handayani, Dini Oktarina Dwi and Setianto, Rahmat Heru (2025) Assessing the influence of energy consumption and islamic financial development on Indonesia's economy with dynamic ARDL simulations approach. International Journal of Energy Economics and Policy, 15 (1). pp. 578-588. ISSN 2146-4553

Hassan, Md Tanvir and Basri, Atikah Balqis and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmod Attar Bashi, Zainab Senan (2025) Hybrid computational model of reflectivity values and rain cell size for improved flood disaster prediction: raw data reading, process implementation. Journal of Information Systems Engineering and Management, 10 (28s). pp. 129-136. E-ISSN 2468-4376

Hassan, Mohammed Rakibul and S Abd Aziz, Madihah (2025) Artificial Intelligence Comic Strip (AICS) generators: a review of subscription models, pricing, and user satisfaction. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 95-102. E-ISSN 2462-229X

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

Hossain, Mohammad Enayet and Mahadi, Nur Farhah and Haron, Razali and Mohd Nor, Rizal and Yousuf, Md. Abu (2025) Islamic social finance for sustainable economic growth in Bangladesh. Journal of Islamic Finance, 14 (1). pp. 85-97. ISSN 2289-2109 E-ISSN 2289-2117

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

Ismail, Ahsiah and Ismail, Amelia Ritahani and Shaharuddin, Nur Azri and Ahmad Puzi, Asmarani and Awang, Suryanti (2025) Investigation of convolutional neural network model for vehicle classification in smart city. International Journal of Advanced Computer Science and Applications, 16 (4). pp. 905-911. ISSN 2158107X

Ismail, Amelia Ritahani and Azlan, Faris Farhan and Noormaizan, Khairul Akmal and Afiqa, Nurul and Nisa, Syed Qamrun and Ghazali, Ahmad Badruddin and Pranolo, Andri and Saifullah, Shoffan (2025) Privacy-preserving U-Net variants with pseudo-labeling for radiolucent lesion segmentation in dental CBCT. International Journal of Advances in Intelligent Informatics, 11 (2). pp. 275-291. ISSN 2442-6571 E-ISSN 2548-3161

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

Mahmod Attar Bashi, Zainab Senan and Senan, Shayma (2025) A comprehensive review of Zero Trust Network Architecture (ZTNA) and deployment frameworks. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (1). pp. 148-153. E-ISSN 2462-229X

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

Mohammad Noor, Noor Hasrul Nizan (2025) Mahasiswa tidak bijak guna ilmu. Utusan Malaysia, Rencana (UIAM Berhujah) (29hb Mei 2025). p. 15. ISSN 2716-6694

Mohammad Noor, Noor Hasrul Nizan (2025) Umat Islam perlu kembali kepada zaman kecemerlangan lampau. Utusan Malaysia, Rencana (UIAM Berhujah) (1hb Mei 2025). p. 15. ISSN 2716-6694

Mohammed, Siti Asma and Md Noor, Nuramalia Batrisyia and Azuddin, Muna (2025) UX evaluation of dyslexia app based on honeycomb model. Journal of Advanced Research in Computing and Applications, 38 (1). pp. 51-62. ISSN 2462-1927

Article

Mohd Arifin, Siti Roshaidai and Mohd Abadi, Nur Aqilah and Kamaruddin, Amalia and Mohd Mohadis, Hazwani and Abd Aziz, Karimah Hanim and Musa, Ramli and Muhammad, Noor Azimah and Abang Abdullah, Khadijah Hasanah and Syed Mohideen, Fathima Begum and Marhusin, Mohd Fadzli and Che Mat, Khairi and Mohd Noor, Hanisah and Mat Napes, Malini and Astuti, Andari Wuri (2025) Depression, anxiety, coping skills, and quality of life among antenatal women. Malaysian Journal of Medicine and Health Sciences, 21 (6). pp. 127-132. ISSN 1675-8544 E-ISSN 2636-9346

Mohd Mohadis, Hazwani and Ahmad Badrin, Aina Mardhiah and Supean, Atiqah Aini and Abu Hassan Shaari, Nur Suraiya (2025) Development of e-commerce platform for postnatal confinement services: bridging maternal health and digital innovation. Journal of Information Systems and Digital Technologies, 7 (1). pp. 51-75. E-ISSN 2682-8790

Mohd Mohadis, Hazwani and Kamal-Ludin, Afifi Syahmi and Nordin, Mohd Norhazmi (2025) BiologAR: an interactive augmented reality application for learning biology in secondary schools in Malaysia. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 9-15. E-ISSN 2462-229X

Priscilla, G. Maria and Kumar, B.L. Shiva and Maidin, Siti Sarah and Attarbashi, Zainab (2025) Trust aware congestion control mechanism for wireless sensor network. Journal of Applied Data Sciences, 6 (2). pp. 858-870. ISSN 2723-6471

Saeed, Yahya Ateik Al-Sagheer and Zulkifli, Zahidah and Shikh Nasir, Sumaia and Ahmed, Wani Bilal (2025) Factors in determining information systems development methodologies: a systematic literature review. Sohar University Journal of Sustainable Business(SUJSB), 1 (1). pp. 27-41. E-ISSN 3007-5572

Sapuan, Abdul Halim and Abdul Majid, Zafri Azran and Mohd Tamrin, Mohd Izzuddin and Che Azemin, Mohd Zulfaezal (2025) Exploring sex-specific brain complexity in Quran memorizers: a fractal dimension approach. Malaysian Journal of Science, Health & Technology (MJoSHT), 11 (1). pp. 103-108. E-ISSN 2601-0003

Shompa, Zohora Azmin and Akbar, Mohamed Aslam and Mohd Mohadis, Hazwani (2025) Harmonizing maqasid al-shari'ah with sustainable waste management practices: a conceptual framework for principles and implementation. International Journal of Islamic and Middle Eastern Finance and Management, 18 (1). pp. 142-165. E-ISSN 1753-8394

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

Totonchi, Ahmed and Ahlan, Abdul Rahman and Mohd Mohadis, Hazwani (2025) E-Government between developed and developing countries: key perspectives from Denmark and Iraq. Jurnal Ilmu Komputer dan Informasi, 18 (1). pp. 77-93. ISSN 2088-7051 E-ISSN 2502-9274

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

Zainal Azmi, Nurazlin and Liem, Thomas Shiaw Hong (2025) Design and development of a cost effective WebVR commerce system prototype. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 60-66. E-ISSN 2462-229X
Book

Abdul Razak, Rafiza and Alias, Nurul Fitriah and Idris, Aizal Yusrina, eds. (2025) Global perspectives and implementations of design-based research. IGI Global Scientific Publishing, United States of America. ISBN 9798337320861

Zainuddin, Ahmad Anwar and Amir Hussin, Amir 'Aatieff and Hassan, Mohd Khairul Azmi and Handayani, Dini Oktarina Dwi and Ahmad Puzi, Asmarani and Zakaria, Noor Azura and Rosdi, Nur Nisa Humairah and Ahmadzamani, Nur Zafirah Adira, eds. (2025) International Grand Invention, Innovation and Design Expo (IGIIDeation) 2025. KICT Publishing, Kuala Lumpur, Malaysia.

Abdul Razak, Rafiza and Alias, Nurul Fitriah and Idris, Aizal Yusrina (2025) Qualitative insights through applied cognitive task analysis. IGI Global Scientific Publishing, United States of America. ISBN 9798369377338

Book Chapter

Busari, Saheed Abdullahi and Md Sawari, Mohd Fuad and Rokis, Rohaiza and Amanullah, Muhammad and Mohamadali, Noor Azizah (2025) Digital entrepreneurship empowerment for asnaf zakat families from the B-40 Muslims in Malaysia. In: Contemporary Issues in Qiwanah within the Family Institution. Contemporary Fiqh Research Unit, KIRKHS, IIUM and Islamic Book Trust, Kuala Lumpur, Malaysia, pp. 74-86.

Romeli, Mas Elina and Zulkifli, Zahidah and Hassan, Mohd Khairul Azmi and Ahlan, Abdul Rahman (2025) A framework for halal certification compliance: leveraging AI technology to support Malaysian SMEs. In: Exploring Information Systems Research Boundaries. MyDCIS Book Chapter (7). MyAIS, Kuala Lumpur, pp. 62-68.

Proceeding Paper

Annas, Ammar Haziq and Zainuddin, Ahmad Anwar and Amir Hussin, Amir 'Aatieff and Nik Mohd Kamal, Nik Nor Muhammad Saifudin and Mohammad Noor, Normawaty and Mohd Razali, Roziawati (2025) Cloud-based IoT system for real-time Harmful Algal Bloom monitoring: seamless ThingsBoard integration via MQTT and REST API. In: 2024 IEEE 22nd Student Conference on Research and Development (SCORED), 19-20 December 2024, KUALA LUMPUR.

Che Azemin, Mohd Zulfaezal and Mohd Tamrin, Mohd Izzuddin (2025) Optimized retinal vessel segmentation using IS-Net and high-resolution dataset. In: 2nd International Conference on Data, Information and Computing Science (CDICS 2024), 6th - 8th December 2024, Singapore.

Dede Bagus, Suhada and Sri, Maryani and Renny, Renny and Triyani, Triyani and Bambang Hendriya, Guswanto and Kartiwi, Mira (2025) Whole space case for solution formula of Korteweg type fluid motion in \mathbb{R}^3 . In: The 7th International Conference on Multidiscipline Approaches for Sustainable Rural Development (ICMA SURE 2024), 26-27 September 2024, Purwokerto, Indonesia.

Jaafar, Mohamad Zaki and Mohd Zubir, Siti Husna and Seng, Usman and Sukiman, Farhana and Salleh, Norsaremah (2025) A mapping study of robotic process automation implementation impact. In: 10th International Conference on Computing, Engineering and Design (ICCED), 11-12 December 2024, Saudi Arabia.

Rosli, Athirah and Hassan, Suhaidi and Omar, Mohd Hasbullah and Sajat, Mohd Samsu and Mahmod Attar Bashi, Zainab Senan and Mohd Zaini, Khuzairi (2025) Blockchain applications and management: a multidisciplinary analysis. In: 2024 7th International Conference on Internet Applications, Protocols, and Services (NETAPPS), 6-7 November 2024, Kuala Lumpur, Malaysia.

Salim, Muhammad Haneef and Johari, Siti Dzulaikha and Mahmod Attar Bashi, Zainab Senan and Almadani, Daniah and Maarof, Eman Yahya (2025) Enhancing autonomous vehicle safety through collaborative robotic features. In: 2024 10th International Conference on Computing, Engineering and Design (ICCED), 11-12 December 2024, Jeddah, Saudi Arabia.

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

Sulaeman, Ramadhani Nurfikri and Handayani, Dini Oktarina Dwi and Alghifari, Muhammad Fahreza and Almadani, Daniah and Suryady, Zeldi and Lathifah, Zahra Khusnul (2025) Fikr: AI chatbot powered with vector search. In: 10th International Conference on Computing, Engineering and Design (ICCED), 11-12 December 2024, Saudi Arabia.

PUBLICATIONS

DEPARTMENT OF COMPUTER SCIENCE

Article

Abdul Mohaimin, Irfan Qayyim and Mohd Marzuki, Aida Najihah and Hassan, Raini (2025) Predictive analytics for sustainable tourism development: a data-driven approach. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 135-147. E-ISSN 2462-229X

Adzman, Hasan Khair and Hassan, Raini and Handayani, Dini Oktarina Dwi (2025) Enhancing skyline query processing on large and incomplete graphs with graph neural networks: a hybrid machine learning approach. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (2). pp. 162-172. E-ISSN 2462-229X

Ahmad Sabri, Aiman Syahmi and Olowolayemo, Akeem and Ghazali, Ahmad Badruddin and Muhammad, Ibrahim Muhammad and Saliu-Olajo, Fatimoh Damola (2025) Detection of errors in bitewing x-ray images using deep learning. International Journal on Perceptive and Cognitive Computing, 11 (2). pp. 58-68. E-ISSN 2462-229X

Ahmed, Mahfooz and Al-Hussaini, AbulFathi Ibrahim Saleh and Abubakar, Adamu (2025) Factors influencing the intention to use the Nigerian central bank digital currency (E-Naira) among Nigerian retailers. Journal of Financial Services Marketing, 30 (1). pp. 1-16. ISSN 1363-0539 E-ISSN 1479-1846

Arsat, Nadiyah 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

Awang Abu Bakar, Normi Sham (2025) Machine learning implementation in automated software testing: a review. Journal of Data Analytics and Artificial Intelligence Applications, 1 (1). pp. 110-122. E-ISSN 3062-2697

Awang Abu Bakar, Normi Sham and Yusof, Siti Zulaikha and Irfan, Muhammad Syabil (2025) LUNA: Bridging communication with sign language translation. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (2). pp. 14-21. E-ISSN 2462-229X

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

Bahjat Arif, Sarajaldeen Akram and Wani, Sharyar (2025) The theoretical foundations and literature analysis a hybrid detection technique against malicious SQL attacks on web applications. Journal of Information Systems Engineering and Management, 10 (35s). pp. 1093-1100. E-ISSN 2468-4376

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

Farabi, Ahmad and Salim, Zamroni and Handayani, Dini Oktarina Dwi and Setianto, Rahmat Heru (2025) Assessing the influence of energy consumption and islamic financial development on Indonesia's economy with dynamic ARDL simulations approach. International Journal of Energy Economics and Policy, 15 (1). pp. 578-588. ISSN 2146-4553

Hassan, Md Tanvir and Basri, Atikah Balqis and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmud Attar Bashi, Zainab Senan (2025) Hybrid computational model of reflectivity values and rain cell size for improved flood disaster prediction: raw data reading, process implementation. Journal of Information Systems Engineering and Management, 10 (28s). pp. 129-136. E-ISSN 2468-4376

Hisham-muddin, Fikri and Asmad, Elyas and Nordin, Azlin (2025) Umroo: a seamless digital smart Umrah tracker. Journal of Advanced Research in Computing and Applications, 39 (1). pp. 11-27. ISSN 2462-1927

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

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

Ismail, Ahsiah and Ismail, Amelia Ritahani and Shaharuddin, Nur Azri and Ahmad Puzi, Asmarani and Awang, Suryanti (2025) Investigation of convolutional neural network model for vehicle classification in smart city. International Journal of Advanced Computer Science and Applications, 16 (4). pp. 905-911. ISSN 2158107X

Ismail, Ahsiah and Ismail, Amelia Ritahani and Shaharuddin, Nur Azri and Ara, Muhammad Afiq and Ahmad Puzi, Asmarani and Awang, Suryanti and Ramli Ramli, Roziana (2025) Vision-based vehicle classification for smart city. APTISI Transactions on Technopreneurship, 7 (2). pp. 441-453. ISSN 2655-8807 E-ISSN 2656-8888

Ismail, Amelia Ritahani and Azlan, Faris Farhan and Noormaizan, Khairul Akmal and Afiqa, Nurul and Nisa, Syed Qamrun and Ghazali, Ahmad Badruddin and Pranolo, Andri and Saifullah, Shoffan (2025) Privacy-preserving U-Net variants with pseudo-labeling for radiolucent lesion segmentation in dental CBCT. International Journal of Advances in Intelligent Informatics, 11 (2). pp. 275-291. ISSN 2442-6571 E-ISSN 2548-3161

Mahmod Attar Bashi, Zainab Senan and Senan, Shayma (2025) A comprehensive review of Zero Trust Network Architecture (ZTNA) and deployment frameworks. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (1). pp. 148-153. E-ISSN 2462-229X

Mohamed, Nurul Syahina and Olowolayemo, Akeem and Saliu-Olajo, Fatimoh Damola and Muhammad, Ibrahim Muhammad (2025) Myfinancial controller: a first usability review. International Journal on Perceptive and Cognitive Computing, 11 (2). pp. 77-85. E-ISSN 2462-229X

PUBLICATIONS

DEPARTMENT OF COMPUTER SCIENCE

Article

Mohammed, Siti Asma and Md Noor, Nuramalia Batrisyia and Azuddin, Muna (2025) UX evaluation of dyslexia app based on honeycomb model. Journal of Advanced Research in Computing and Applications, 38 (1). pp. 51-62. ISSN 2462-1927

Mohd Dhuzuki, Nurul Hanis and Zainuddin, Ahmad Anwar and Kamarul Zaman, Nur Anis Sofea and Ahmad Razmi, Alin Nur Maisarah and Kaitane, Wonderful Shammah and Ahmad Puzi, Asmarani and Johar, Mohd Naquiuddin and Yazid, Maslina and Mohd Nordin, Nor Azlin and Sidek, Shahrul Naim and Mohd Zaki, Hasan Firdaus (2025) Design and implementation of a deep learning based hand gesture recognition system for Rehabilitation Internet-Of-Things (RIOT) environments using MediaPipe. IIUM Engineering Journal, 26 (1). pp. 353-372. ISSN 1511-758X E-ISSN 2289-7860

Muhamad Suwaid, Muhammad Aiman Haris and Ab Karim, Muhammad 'Ilyas Amierrullah and Hassan, Raini and Abdul Aziz, Azni (2025) Automated classification of celestial objects using machine learning. International Journal on Perceptive and Cognitive Computing, 11 (2). pp. 22-41. E-ISSN 2462-229X

Noor, Ubair and Hassan, Raini and Dwi Handayani, Dini Oktarina (2025) Efficient skyline query processing in incomplete graph databases using machine learning techniques. International Journal on Perceptive and Cognitive Computing, 11 (2). pp. 146-161. E-ISSN 2462-229X

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

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

Tengku Sembok, Tengku Mohd and Abuata, Belal Mustafa (2025) Arabic stop words for information retrieval systems. International Journal of Religion, 6 (1). pp. 121-127. ISSN 2633-352X E-ISSN 2633-3538

Book

Zainuddin, Ahmad Anwar and Amir Hussin, Amir 'Aatieff and Hassan, Mohd Khairul Azmi and Handayani, Dini Oktarina Dwi and Ahmad Puzi, Asmarani and Zakaria, Noor Azura and Rosdi, Nur Nisa Humairah and Ahmadzamani, Nur Zafirah Adira, eds. (2025) International Grand Invention, Innovation and Design Expo (IGIIDeation) 2025. KICT Publishing, Kuala Lumpur, Malaysia.

Proceeding Paper

Annas, Ammar Haziq and Zainuddin, Ahmad Anwar and Amir Hussin, Amir 'Aatieff and Nik Mohd Kamal, Nik Nor Muhammad Saifudin and Mohammad Noor, Normawaty and Mohd Razali, Roziawati (2025) Cloud-based IoT system for real-time Harmful Algal Bloom monitoring: seamless ThingsBoard integration via MQTT and REST API. In: 2024 IEEE 22nd Student Conference on Research and Development (SCOREd), 19-20 December 2024, KUALA LUMPUR.

Awang Abu Bakar, Normi Sham and Yahya, Norzariyah and Abdullah, Lili Marziana and S. Abd. Aziz, Madihah and Baharuden, Ahmad Fazreen and Rosli, Rozaini and Jumaan, Ibrahim Ali (2025) Assessments of the data management practices in zakat institutions in Malaysia: a concept paper. In: 10th International Conference on Computing, Engineering and Design (ICCED), 11-12 December 2024, Jeddah, Saudi Arabia.

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

Jaafar, Mohamad Zaki and Mohd Zubir, Siti Husna and Seng, Usman and Sukiman, Farhana and Salleh, Norsaremah (2025) A mapping study of robotic process automation implementation impact. In: 10th International Conference on Computing, Engineering and Design (ICCED), 11-12 December 2024, Saudi Arabia.

eh Wali, Siti Syara Aiman and Nordin, Azlin and Salleh, Norsaremah (2025) A comparison study of the existing requirements ambiguity detection framework. In: 2024 10th International Conference on Computing, Engineering and Design (ICCED), 11-12 December 2024, Jeddah, Saudi Arabia.

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

Silabdi, Hana and Hassan, Raini and Faizabadi, Ahmed Rimaz and Gubbi, Abdullah and Bellary, Mohammed Zakir and Manjula, V (2025) Enhanced EEGNet optimization using lightweight Deep Neural Network for detecting human stress levels from Raw EEG signals dataset. In: 3rd International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India.

Sulaeman, Ramadhani Nurfikri and Handayani, Dini Oktarina Dwi and Alghifari, Muhammad Fahreza and Almadani, Daniah and Suryady, Zeldi and Lathifah, Zahra Khusnul (2025) Fikr: AI chatbot powered with vector search. In: 10th International Conference on Computing, Engineering and Design (ICCED), 11-12 December 2024, Saudi Arabia.

PUBLICATIONS

DEPARTMENT OF INFORMATION SYSTEMS

Article

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

Alfikra, Muhammad and Hani, Tamanni Hayyan and Robbani, Khozi Fikri and Ahmad Dahlan, Abdul (2025) Empowering the b40 community in Aceh through private online tutoring solution: a sustainable educational business model. Journal of Information Systems and Digital Technologies, 7 (1). pp. 76-97. E-ISSN 2682-8790

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

Hassan, Md Tanvir and Basri, Atikah Balqis and Badron, Khairayu and Handayani, Dini Oktarina Dwi and Mahmud Attar Bashi, Zainab Senan (2025) Hybrid computational model of reflectivity values and rain cell size for improved flood disaster prediction: raw data reading, process implementation. Journal of Information Systems Engineering and Management, 10 (28s). pp. 129-136. E-ISSN 2468-4376

Hassan, Mohammed Rakibul and S Abd Aziz, Madihah (2025) Artificial Intelligence Comic Strip (AICS) generators: a review of subscription models, pricing, and user satisfaction. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 95-102. E-ISSN 2462-229X

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

Iqbal, Yasir and Zhang, Tao and Gunawan, Teddy Surya and Pratondo, Agus and Zhao, Xin and Geng, Yanzhang and Kartiwi, Mira and Saleem, Nasir and Bourouis, Sami (2025) A hybrid speech enhancement technique based on discrete wavelet transform and spectral subtraction. IEEE Access, 13. pp. 39765-39781. ISSN 2169-3536

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

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

Mat Surin, Ely Salwana and Ajit, Keewanraj and Zaidi, Zulhaikal Irfan and Zahren, Muhammad Iskandar Shah and Ismail, Ahsiah and Zulkifli, Zahidah (2025) Prevalence of geriatric psychiatric cases in Malaysia and their association with clinical mental health workforce availability. IIUM Journal of Orofacial and Health Sciences, 6 (2). pp. 163-173. E-ISSN 2735-0584

Mohammed, Siti Asma and Md Noor, Nuramalia Batrisyia and Azuddin, Muna (2025) UX evaluation of dyslexia app based on honeycomb model. Journal of Advanced Research in Computing and Applications, 38 (1). pp. 51-62. ISSN 2462-1927

Mohd Mohadis, Hazwani and Kamal-Ludin, Afifi Syahmi and Nordin, Mohd Norhazmi (2025) BiologAR: an interactive augmented reality application for learning biology in secondary schools in Malaysia. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 9-15. E-ISSN 2462-229X

Muhamad Ibrahim, Najhan and Abiduzzaman, S M and Abdul Raziff, Abdul Rafiez and Shah, Asadullah (2025) A collaborative filtering approach using machine learning and business intelligence: a critical review. International Journal on Perceptive and Cognitive Computing (IJPCC), 11 (1). pp. 41-49. E-ISSN 2462-229X

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

Pratama, Arizqi Ihsan and Muhammad, Muhd. Rosydi (2025) Artificial intelligence in Islamic education: opportunities and challenges in the digital era. MADANIA: Journal Kajian Keislaman, 29 (1). pp. 133-142. ISSN 1410-8143 E-ISSN 2502-1826

Saeed, Yahya Ateik Al-Sagheer and Zulkifli, Zahidah and Shikh Nasir, Sumaia and Ahmed, Wani Bilal (2025) Factors in determining information systems development methodologies: a systematic literature review. Sohar University Journal of Sustainable Business(SUJSB), 1 (1). pp. 27-41. E-ISSN 3007-5572

Samsul Badri, Nursyazwana Athirah and Omar, Nur Faizah and Azlan, Nurdiana Shahirah and Shamsul, Shaza and Ahmad Dahlan, Abdul Rahman (2025) 'Qalbconnect' project business model: building a unified and trusted digital platform for program alerts and well-connected Muslim community. Journal of Information Systems and Digital Technologies, 7 (1). pp. 1-28. E-ISSN 2682-8790

PUBLICATIONS

DEPARTMENT OF INFORMATION SYSTEMS

Article

Suhaimi, Nur Raihan Syazwani and Yulfa Andri, Nur Qistina Aliesa and Abd Rauf, Nurain Izzati and Nazri, Nur Nisa Nasuha and Ahmad Dahlan, Abdul Rahman (2025) A conceptual edu4youth business model: empowering underserved youths through TVET and digital platform. Journal of Information Systems and Digital Technologies, 7 (1). pp. 98-119. E-ISSN 2682-8790

Totonchi, Ahmed and Ahlan, Abdul Rahman and Mohd Mohadis, Hazwani (2025) E-Government between developed and developing countries: key perspectives from Denmark and Iraq. Jurnal Ilmu Komputer dan Informasi, 18 (1). pp. 77-93. ISSN 2088-7051 E-ISSN 2502-9274

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

Wan Mohamad, Wan Azlena and Abdul Molok, Nurul Nuha and Abd Rahim, Noor Hayani (2025) A conceptual framework: event-based cybersecurity risk assessment for organisations. Journal of Information Systems and Digital Technologies, 7 (1). pp. 120-144. E-ISSN 2682-8790

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

Zainal Azmi, Nurazlin and Liem, Thomas Shiaw Hong (2025) Design and development of a cost effective WebVR commerce system prototype. International Journal on Perceptive and Cognitive Computing, 11 (1). pp. 60-66. E-ISSN 2462-229X

Proceeding Paper

Dede Bagus, Suhada and Sri, Maryani and Renny, Renny and Triyani, Triyani and Bambang Hendriya, Guswanto and Kartiwi, Mira (2025) Whole space case for solution formula of Korteweg type fluid motion in \mathbb{R}^3 . In: The 7th International Conference on Multidiscipline Approaches for Sustainable Rural Development (ICMA SURE 2024), 26-27 September 2024, Purwokerto, Indonesia.

Mohamed Sofiadin, Aidrina (2025) Innovative experiential learning through the implementation of outcome-based education. In: 10th International Conference on Educational Technologies (ICEDuTech 2025), Portugal.

Rosli, Athirah and Hassan, Suhaidi and Omar, Mohd Hasbullah and Sajat, Mohd Samsu and Mahmod Attar Bashi, Zainab Senan and Mohd Zaini, Khuzairi (2025) Blockchain applications and management: a multidisciplinary analysis. In: 2024 7th International Conference on Internet Applications, Protocols, and Services (NETAPPS), 6-7 November 2024, Kuala Lumpur, Malaysia.

PUBLICATIONS

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Article

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

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

Mohammad Noor, Noor Hasrul Nizan (2025) Mahasiswa tidak bijak guna ilmu. Utusan Malaysia, Rencana (UIAM Berhujah) (29hb Mei 2025). p. 15. ISSN 2716-6694

Mohammad Noor, Noor Hasrul Nizan (2025) Umat Islam perlu kembali kepada zaman kecemerlangan lampau. Utusan Malaysia, Rencana (UIAM Berhujah) (1hb Mei 2025). p. 15. ISSN 2716-6694