



Issues No.1/2024

January 2024

# KICT NEWSLETTER

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## Motivational Quote

“ The source of power is not only youth but the whole community working on it”

Prof. Emeritus Tan Sri Dato' Dzul kifli Abdul Razak

# Article of the month



Akram M Z M Khedher

## RESEARCH AND PUBLICATIONS IN ISLAMIC PERSPECTIVE

### (PART 5: INNOVATION AND CREATIVITY)

This is the fifth article in the series titled "Research and Publications in Islamic Perspective." While the first article discussed the introduction to this subject, the second article focused on the experimental results of the research, the third article discussed the presentation issues that are necessary for any research, and the fourth article discussed the importance of publishing research work and sharing one's knowledge with others, in this article (part 5), we are going to talk about the innovation and creativity that goes into conducting any research.

Islam forbids blindly following without thinking; Allah Almighty says: "... They say: 'Nay! We shall follow what we found our fathers following.' (would they do that!) Even though their fathers did not understand anything, nor were they guided?" (Al-Baqarah: 170).

بَلْ نَتَّبِعُ مَا أَلْفَيْنَا عَلَيْهِ آبَاءَنَا أُولُو كَانَ آبَاؤُهُمْ لَا يَعْقِلُونَ شَيْئًا وَلَا يَهْتَدُونَ (البقرة: 170).

Blind followership is unacceptable in Islam. A Muslim should use his mind to decipher what he reads and hears and take a stand based on the proofs that appear to be authentic and most convincing to him.

It is also encouraged that a Muslim should be creative in thinking, innovating and inventing. The Messenger of Allah (peace be upon him) says: "If a judge utilizes his skill of judgement and arrives at a right decision, he will have double rewards, but if he uses his judgement and commits a mistake, he will have a single reward." (Øalí al-JÉmi')

إذا حكم الحاكم فإصاب فله أجران، وإذا حكم فاجتهد فأخطأ فله أجر واحد (صحيح الجامع).

This hadith encourages Muslims (who seek Allah's grace in his work) to think, innovate, strive and find solutions by overcoming obstacles and limitations.

Islam requires Muslims to ascertain the information and avoid suspicions. Allah Almighty says: "And most of them follow nothing but conjecture. Certainly, conjecture can be of no avail against truth. Surely, Allah is All-aware of all that they do" (Yunus: 36).

وَمَا يَتَّبِعُ أَكْثَرُهُمْ إِلَّا ظَنًّا إِنَّ الظَّنَّ لَا يُغْنِي مِنَ الْحَقِّ شَيْئًا إِنَّ اللَّهَ عَلِيمٌ بِمَا يَفْعَلُونَ (يونس: 36).

Muslims are required not to believe everything we hear or read blindly. Rather, we should check, confirm, track, and clarify it in order to verify the information we received.

**Conclusion:** This article emphasizes that Islam discourages blind followership and encourages Muslims to use critical thinking. It highlights the importance of independently deciphering information, being creative in thought, and innovating. The Messenger of Allah PBUH encourages Muslims to think, innovate and find solutions by overcoming obstacles. Additionally, Islam stresses the need to verify information, avoid blind belief, and rely on evidence rather than conjecture.



## "ICT Igniter Camp 2023" - A collaboration project between Prince Songkhla University, Pattani Campus with International Islamic University Malaysia (IIUM)

ATIKAH BALQIS BASRI, NAJHAN MOHD IBRAHIM, MUNA AZUDDIN, ELIN ELIANA ABDUL RAHIM, ASMARANI AHMAD PUZI  
atikahbalqis@iium.edu.my, najhan\_ibrahim@iium.edu.my, munaazuddin@iium.edu.my,  
elin@iium.edu.my, asmarani@iium.edu.my

### Introduction

Kulliyah of Information and Communication Technology (KICT) has participated in ICT Igniter Camp 2023 from 4 November to 6 November 2023, as part of the collaboration project between International Islamic University Malaysia (IIUM), Prince Songkhla University (PSU), Pattani Campus, Pertubuhan Prihatin Pattani (Pattani Care) and Charity Foundation for Relief (Pattani). The project aims to expose the students from the low-income Muslim minority group in Pattani to game development and the fundamentals of robotics, which includes involving them in hands-on activities related to game and robot development. The workshop had provided an opportunity for the students to nurture their technical skills which may enhance their interest in pursuing their studies in the Information Technology (IT) field.



## ICT IGNITER CAMP 2023

### LET'S HELP UNDERSERVED SCHOOL STUDENTS

The program aims to expose underserved - secondary and vocational school students to learn game development and robotic programming. It is a 3-days workshop program. Support to donate fees RM 50.00 per student.

WORKSHOP ON ROBOTIC  
4th - 6th November 2023

WORKSHOP ON SPACE STRIKE GAME  
4th - 6th November 2023

VENUE

Faculty of Communication Sciences,  
Prince of Songkhla University, Pattani Campus

### List of Activities

#### Workshop 1

A workshop on Space Strike Game

Date: 4th November 2023

To provide basic knowledge on creating a simple space strike game using Python. The participants had gained hands-on experience in game development and programming while having fun building their own space themed game.

#### Workshop 2

A workshop on Robotic

Date: 5th November 2023

To provide a basic understanding of robotics. The participants had explored the fundamentals of robotics, its applications, and engage in hands-on activities to build a simple robot.

# Achievements and Recognitions



## Congratulations

for completing the  
KICT Research Initiatives Grant 2020



**Asst. Prof. Dr.  
Amir Antieff Amir Hussin**

**Title:**  
Face Detection Attendance System

**Total:**  
RM 15,350

**Team Members:**

- Asst. Prof. Ts. Dr. Ahmad Anwar Zainuddin
- Asst. Prof. Dr. Rizal Mohd. Nor
- Assoc. Prof. Dr. Normaziah Abdul Aziz
- Asst. Prof. Dr. Andi Fitriah Abdul Kadir
- Asst. Prof. Ts. Dr. Hafizah Binti Mapsor
- Assoc. Prof. Ts. Dr. Amelia Ritahani Ismail

Office of Responsible Research and Innovation

Congratulations for  
Completing Research Project



## Congratulations

for completing the  
KICT Research Initiatives Grant 2020



**Asst. Prof. Ts. Dr.  
Hamwira Sakti Yaacob**

**Title:**  
Extraction of Real-time Features for Mental Fatigue Detection  
During Virtual Learning Activities through Brain Computer  
Interface (BCI)

**Total:**  
RM 16,000

**Team Members:**

- Prof. Dr. Abdul Wahab Bin Abdul Rahman
- Assoc. Prof. Dr. Mariam Adawiah Binti Dzulkifli (KIRKHS)
- Nur Masturah Binti Mohamad Arif (Kulliyah of Sustainable Tourism and Contemporary Languages / Counseling Section)
- Nor Azila Noh (Universiti Sains Islam Malaysia)
- Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani

Office of Responsible Research and Innovation



## Congratulations

for completing the  
KICT Research Initiatives Grant 2020



**Asst. Prof. Dr.  
Takumi Sase**

**Title:**  
Car Drivers' Mental Fatigue Neuro-physiological Profiling  
Model

**Total:**  
RM 16,000

**Team Members:**

- Asst. Prof. Dr. Takumi Sase
- Assoc. Prof. Dr. Marini Othman
- Asst. Prof. Dr. Raini Hassan
- Prof. Dr. Abdul Wahab Bin Abdul Rahman
- Dr. Khairun Nisa' Binti Mihat (School of Electrical and Computer Engineering, Xiamen University Malaysia)

Office of Responsible Research and Innovation



## الْحَمْدُ لِلَّهِ & CONGRATULATIONS

for securing  
Sponsored Research Grant from Disability Service Unit

**ASST. PROF. DR. SURIANI SULAIMAN**



**PROJECT TITLE:**  
PROTOTYPE DEVELOPMENT OF A COMMUNITY-BASED REHABILITATION MANAGEMENT SYSTEM FOR CHILDREN WITH SPECIAL NEEDS

**AMOUNT RECEIVED:**  
RM5,000

**CO-RESEARCHER (S):**

1. PROF. DR. RUZITA MOHD AMIN (KENMS)
2. ASST. PROF. DR. SITI ASMA MOHAMMED
3. ASST. PROF. DR. AZLIN NORDIN
4. DR. AISHAH HANIM ABD KARIM (KOED)
5. ASSOC. PROF. DR. NOT AZIZAN CHE EMBI (KENMS)
6. ASSOC. PROF. DR. AIDA MOKHTAR (AHAS KIRKHS)
7. DR. ZUNAIDAH MOHD MARZUKI (AHAS KIRKHS)
8. DR. WAN ROHAIDA WAN HUSAIN (KENMS)

OFFICE OF RESPONSIBLE RESEARCH AND INNOVATION

Congratulations for  
Securing Research Grant

## Congratulations

For Winning  
*Gold Award*  
at  
Invention, Innovation & Design Exposition (IIDEX) 2023  
Inventor (Open) - 2023



**ASSOC. PROF. DR. NORSAREMA BINTI SALLEH**  
(KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY)

**TITLE OF INNOVATION**  
Steko-SD: Self-Diagnosed Metabolic Syndrome App For Early Prevention of Heart Disease, Stroke and Obesity Complications



INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

Congratulations for winning  
Gold Award

# Achievements and Recognitions

Congratulations for completing Proposal Defense and Viva Voce

**Congratulations for Proposal Defense**

**Ibrahim Ismail Isa** (G222685)  
Doctor of Philosophy in Library and Information Science

**Title:** Application of Digital Reference Service at Federal University Libraries in Northwest Nigeria

**Supervisor:** Asst. Prof. Dr. Noor Saadah Binti Md. Nor  
Department of Library and Information Science

**Co-Supervisor:** Asst. Prof. Dr. Sharifah Nur Amirah Sarif Alshakli  
Department of Library and Information Science

**Date Presentation:** December 22, 2023

**Chairman:** Prof. Ts. Dr. Abdul Rahman Aman  
Department of Information Systems

**Examiner 1:** Asst. Prof. Ts. Dr. Muhammad Sadyq Abu Seman  
Department of Information Systems

**Examiner 2:** Dr. Nur Leyni Nilam Putri Junurham  
Department of Library and Information Science

**OFFICE OF DDPGR, KICT**  
connect.engage.serve

**Congratulations for Proposal Defense**

**Abdul Muizz Bin Abdul Salam** (G190787)  
Master of Computing (Computer Science and Information Technology)

**Title:** Comparison Of Software Quality Using Plan Driven And Hybrid Agile Method

**Supervisor:** Asst. Prof. Dr. Assoc. Farah Yalwa  
Department of Computer Science

**Date Presentation:** December 28, 2023

**Chairman:** Assoc. Prof. Ts. Dr. Anisa Ritaliana Ismail  
Department of Computer Science

**Examiner 1:** Asst. Prof. Dr. Sharjaf Wan  
Department of Computer Science

**Examiner 2:** Assoc. Prof. Dr. Nowsaranda Sulah  
Department of Computer Science

**PASS WITH MAJOR**

**OFFICE OF DDPGR, KICT**  
connect.engage.serve

**Congratulations for Proposal Defense**

**Wardiyono** (G2224681)  
Doctor of Philosophy in Library and Information Science

**Title:** Viability Framework of Digital Preservation Program for Research Data Management in Indonesia Institutional Repositories

**Supervisor:** Prof. Datin Dr. Roslina Bt. Othman  
Department of Library and Information Science

**Co-Supervisor 1:** Asst. Prof. Dr. Mohd Izzuddin Mohd Tamrin  
Department of Information Systems

**Date Presentation:** December 29, 2023

**Chairman:** Prof. Dr. Akram MZ Bhecher  
Department of Information Systems

**Examiner 1:** Asst. Prof. Dr. Sharifah Nur Amirah Sarif Alshakli  
Department of Library and Information Science

**Examiner 2:** Assoc. Prof. Dr. Rosfa Lashim  
Department of Library and Information Systems

**PASS WITH MINOR**

**OFFICE OF DDPGR, KICT**  
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**Congratulations for Proposal Defense**

**Muhammad Afiq Imran bin Daud** (G2224525)  
Master of Computing (Computer Science and Information Technology)

**Title:** Development of Muscle Spasticity Characteristics Model for Quantifying the Clinical Assessment of Neurological Disorder Patients

**Supervisor:** Asst. Prof. Dr. Amran Bin Ahmad Puzi  
Department of Computer Science

**Co-Supervisor 1:** Prof. Dr. Shaiful Naim Bin Sidek  
Department of Information Systems

**Co-Supervisor 2:** Asst. Prof. Dr. Ahmad Anwar Zainuddin  
Department of Computer Science

**Co-Supervisor 3:** Dr. Salmah Anim binti Abu Hassan  
Kulliyah of Medicine IUM Kaantan

**Chairman:** Assoc. Prof. Ts. Dr. Anisa Ritaliana Ismail  
Department of Computer Science

**Date Presentation:** December 29, 2023

**PASS WITH MINOR**

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**Muhammad Faris Basheer Bin Mohd Zanan** (G1922553)  
Master of Computing (Computer Science Information Technology)

**Title of Thesis:** A Study on Personality Differences and User Preferences in Visualization Types for Data Storytelling Reporting

**Viva Voce Date:** 4 December 2023

**Congratulations for Completing on Viva Voce**

**Supervisory Committee**  
Main Supervisor: Dr. Madinah Bt. S. Abd. Aziz  
Co-Supervisor: Assoc. Prof. Dr. Norsaremah Bt. Salleh

**Viva Voce Examiner**  
Chairperson:  
Ts. Dr. Zahidah Binti Zulkifli  
Internal Examiner:  
Dr. Elin Eliana Binti Abdul Rahim  
Kulliyah Of Information And Communication Technology, IUM  
External Examiner:  
Assoc. Prof. Dr. Kamran Khawaja  
Others, Department Of Computer Science, Szabist Hyderabad, Pakistan  
Kulliyah Representative:  
Asst. Prof. Dr. Muna Azuddin  
Academic Secretariat :  
Lukman Hakim Bin Sami

**PASS WITH MINOR**

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Best Paper Award

Olatunji Austine Kehinde,  
Asst. Prof. Ts. Dr. Zahidah Zulkifli,  
Ely Salwana Mat Surin,  
Asst. Prof. Nur Leyni Nilam Putri Junurham,  
Prof. Dr. Murni Mahmud

**MYAIS**  
**Best Paper Award**

Elevating Database Performance: Current Caching and Prefetching Strategies for Online Databases in Nigeria  
Olatunji Austine Kehinde, Zahidah Zulkifli, Ely Salwana Mat Surin, Nur Leyni Nilam Putri Junurham, and Murni Mahmud

8th International Visual Informatics Conference | Akademia Siber Teknopolis | UKM

# Activity

## Students Exchange Program KICT and Universitas Raharja

Raharja Students in KICT  
2 - 8 December 2023



KICT Students in Raharja  
26 Nov - 2 Dec 2023



# Activity

## Competitive Programming Training with Fudan University Trainer



  
AN INTERNATIONAL AWARDS-WINNING INSTITUTION FOR SUSTAINABILITY

**KICT@IIUM 2023**  
**COMPETITIVE PROGRAMMING**  
**ACADEMIC SEMINAR**  
**5 DEC, TUESDAY**

**ENHANCING STUDENTS'**  
**PROGRAMMING SKILLS THROUGH**  
**PROBLEM SOLVING**

WITH  
**ASSOC. PROF DR YONG HUI WU**  
AWARD WINNER OF  
ICPC WORLD FINALS COACH  
FROM FUDAN UNIVERSITY, CHINA

WELCOMING REMARKS BY  
**PROF. EMERITUS DATO' DR. TENGKU MOHD TENGKU SEMBUK**  
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

**TOPICS OF DISCUSSION**

- Teaching material Construction and Curriculum Construction for Competitive Programming
- International Programming Training Camp
- International Joint Lab Programming Technologies

Let's upgrade our students' competency in programming.  
Register Now!

**5**  
**Dec 2023** 10 am - 12:30 pm

Organised by:  
Dept. of Computer Science & ICPC KL  
Kulliyah of ICT,  
International Islamic University Malaysia,  
Gombak, Kuala Lumpur  
Email: [naa@iium.edu.my](mailto:naa@iium.edu.my)

Register at:  
<https://forms.gle/RdtwzP9mphLbtYqu8>



# Activity

## Global Conference 2023



## Espresso Workshop

30th November - 3rd December, 2023

### Unlock Your Potential with ESPRESSO!

EMERGING STRATEGIES FOR PROMOTING RESPONSIBLE RESEARCH, ENTERPRISE, AND INNOVATION.

Register Now

Join our Online Workshop, organized by KICT for an insightful journey into the Future of Technology and Innovation. Don't Miss Out!

LEADING THE WAY LEADING THE WORLD 40

INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

### UNDERSTANDING BEFORE ANALYSING: DATA ANALYTICS USING PYTHON DS STACK

How to Publish your Papers in High Impact Journals

Computer Vision: Application Problems

#### Motivation

Generative AI technologies will revolutionize many aspects of our lives

How will they change our experience of Islam?

Ansari is an experiment to explore that question

The intention: help people practice Islam

Wanted to share my experiences building it to inform and stimulate further discussion

#### Digital Entrepreneurship for Academics:

##### An Introduction

norhalizah@iium.edu.my

### ESPRESSO WORKSHOP 2023

#### Data Visualization & Storytelling from the Designers' Perspectives

3rd December 2023  
Sunday, 9.00 am - 11.00 am



# Activity

## Pendekar Cyber Youth Program

LEADING THE WAY  
LEADING THE WORLD

INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

40

LET'S BE A

ICE BREAKING

CYBER EMO CARE ACTIVITIES

**PENDEKAR SIBER**

YOUTH PROGRAM

STARTS AT 9.00 AM - 5.00 PM

SATURDAY 16 DECEMBER 2023

MPH KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY (KICIT)

COLLABORATORS:

QAG, GARUDA, NEUROCOACH DIGITAL LAB, MASJID KITCHEN



# Activity

## Visit from Namangan Institute of Engineering Technology (NAMTI), Uzbekistan



## KICT Curriculum Review 2023 Workshop



# Talk/Seminar

**KICT INTELLECTUAL TALK SERIES 3/2023**
  
**"THE DEVELOPMENT OF GENE THERAPIES FOR BLOOD DISORDERS USING COMPUTER SCIENCE"**

**SPEAKER:**
  
**BANISHER BECERRA**
  
 PhD candidate in Bioinformatics & Integrative Genomics (BIG)
   
 Harvard Medical School

**DATE / DAY:**
  
 15 DECEMBER 2023 / FRIDAY

**TIME:**
  
 9.30-11.30AM

**VENUE:**
  
 CONFERENCE ROOM
   
 LEVEL 5, KICT

**MODERATOR:**
  
  
**ASST. PROF. DR. AISYAH ISMAIL**
  
 Member of Computational Intelligence Research Group

Organized by: Office of Responsible Research and Innovation, KICT



**KICT INTELLECTUAL TALK SERIES 02/2023**

Organized by: Perceptive Sentiment Computing Research Group (Research Unit 1)

**Prof Dr. Wirawan Sumbodo**
  
 (Faculty of Engineering, UNNES Indonesia)

Topic: Development of Human Resource Competence through Industrial Partnership

**Assoc. Prof Dr. Dhidik Prastyanto**
  
 (Faculty of Engineering, UNNES Indonesia)

Topic: Artificial Intelligence in Industry 4.0 Era

**Mr. Rusiyanto**
  
 (Faculty of Engineering, UNNES Indonesia)

Topic: The Management of Laboratory

**2.30PM - 3.30PM**
  
**23 Nov 2023 (THURSDAY)**
  
 Lecture Room 11 (LR11)

@psc@iium.edu.my | Perceptive Sentiment Computing Research Group | pscilium



**FRGS CLINIC**

RESEARCH, PUBLICATION AND INNOVATION SKILLS

**DATE:**
  
 28 NOVEMBER 2023
   
 / THURSDAY

**TIME:**
  
 9:00 AM - 1:00 PM

**VENUE:**
  
 VIP LOUNGE

Scan for CTD Point

**PROF. KU RUHANA KU MAHAMUD**
  
 HEAD OF ICT DOMAIN, FCGS MOHE
   
 UNIVERSITI UTARA MALAYSIA (UUM)

OFFICE OF RESPONSIBLE RESEARCH AND INNOVATION, KICT



# Talk/Seminar

**KICT Intellectual Talk Series 04/2023**

## USING CHATGPT FOR REQUIREMENTS ELICITATION

**PROF. ABDULMAJID HUSSAIN**

- Professor at Sebha University, Libya
- Studied Doctorate of Philosophy (PhD) in Software Engineering at Universiti Malaysia

**VENUE**  
KICT CONF ROOM

**ATTENDANCE**

**SESSION WILL BE HELD ON:**  
21 DECEMBER 2023  
11:30 AM - 12:30 PM

SE RESEARCH GROUP (SERG)



Selasa, 19 Disember 2023  
jam 8.30 pagi

**ANALISIS AI & DAYA CIPTA MALAYSIA MADANI**

**BERSAMA YBHG. PROF. DATO' DR. MOHAMAD FAUZAN NOORDIN**  
Universiti Islam Antarabangsa Malaysia (UIAM)

**WARNA PAGI**

SE RESEARCH GROUP (SERG)

**DEVELOPING YOUR PATH IN SOFTWARE ENGINEERING: A SHARING SESSION FROM INDUSTRY EXPERT**

**Hay Mar Moe (Shamima)**  
Software Developer

**A diverse journey in software development**

- Studied at IUM in Malaysia (2012)
- Worked in Malaysia, Singapore and Canada in software development projects
- Pursued Master's degree in Canada after work experience
- Experience ranges from start-ups to large corporations
- Blend of Asian and Western work culture exposures
- Welcomes exploring software development possibilities through continuous learning

**Come and join the journey of discovering software's role in our ever-changing world**

**SESSION ATTENDANCE**

**SESSION WILL BE HELD ON:**  
15 DECEMBER 2023  
9:00 - 10:00 AM

SE RESEARCH GROUP (SERG)

**BOOK TALK SERIES 6/2023**

**RESEARCH METHODOLOGIES an ISLAMIC PERSPECTIVE**

**ASADULLAH SHAH SAYED INAYATULLAH SHAH ABDUL SALAM SHAH**

**PANELLIST**  
PROF. DR. ASADULLAH SHAH  
HEAD, IUM JOURNAL PUBLICATION  
IUM PRESS

**MODERATOR**  
ANIS SYAZWANI ARIBIN  
SENIOR LIBRARIAN  
DAR AL-HIKMAH LIBRARY, IUM

**THURSDAY**  
NOVEMBER 23, 2023  
10:00 A.M. - 11:15 A.M.

**LEISURE READING ROOM, LEVEL 2, DAR AL-HIKMAH LIBRARY, GOMBAK CAMPUS**

<https://bit.ly/DAHL-BTS-6-2023>  
CTDSTAR points will be awarded to the attendees

Live streaming via Dar al-Hikmah Library, IUM

**HUMAN Library**

**The Marital Life of the Prophet Muhammad (PBUH)**

**THURSDAY**  
23 November, 2023  
**START AT**  
10:00am - 11:30am  
**R&R Room**  
Dar al-Hikmah Library, IUM

**GUEST SPEAKER**  
**UST. LUQMAN MAKHTAR**  
Author - Asam Garam Rumah Tangga Nabi

**HOSTED BY**  
**BR. FATEH**

**HUMAN Library**

**What's on the Sky? Its All About Science!**

**JOIN US →**

**23 November 2023**  
11:30 am - 1:00 pm  
**R&R Room,**  
Dar al-Hikmah Library  
IUM

**GUEST SPEAKER**  
**BR. HAFEZ MURTZA**  
CEO & Founder LangKITA Sdn. Bhd. (Apadilangit)

**HOSTED BY**  
**SR. NUR SYAHIRAH**

**HUMAN Library**

**Dive into the Realm of Islamic Librarianship**

**JOIN US →**

**23 November 2023**  
2:30 pm - 4:00 pm  
**R&R Room,**  
Dar al-Hikmah Library  
IUM

**GUEST SPEAKER**  
**MDM NOR AZZAH MOMIN**

**HOSTED BY**  
**SR. NUR HIDAYAH**

organised by Resource Centre, KICT, IIUM  
Co-organised with

Department of Library Science, KICT, Dar al-Hikmah Library & Library and Information Science Student Assembly (LISSA)

# Publications

(Submission in IREP for December 2023)

1. Al-Aamri, Abdullah Said Ali and Abdulghafor, Rawad Abdulkhaleq Abdulmolla and Turaev, Sherzod and Al-Shaikhli, Imad Fakhri Taha and Zeki, Akram M. and Talib, Shuhaili (2023) *Machine learning for APT detection*. Sustainability, 15 (18). pp. 1-16. E-ISSN 2071-1050
2. Alarood, Ala Abdulsalam and Abubakar, Adamu and Alsubaei, Faisal S. (2023) *Attacks Notification of Differentiated Services Code Point (DSCP) values modifications*. IEEE Access, 11. pp. 126950-126966. E-ISSN 2169-3536
3. Mat Ariff, Noor Azwana and Ismail, Amelia Ritahani (2023) *Study of Adam and AdaMax optimizers on AlexNet architecture for voice biometric authentication system*. In: 17th International Conference on Ubiquitous Information Management and Communication (IMCOM) 2023, Seoul, Republic of Korea.
4. Mohamed Misbahou Mkouboi, Mohamed Moubarak and Olowolayemo, Akeem and Ghazali, Ahmad Badruddin (2023) *Automated cone cut error detection of bitewing images using convolutional neural network*. In: National Oral Health Research Initiative Conference (NOHRI) 2023, 20th - 21st October 2023, Kuantan, Pahang, Malaysia. (Unpublished)
5. Mohammed Ashikur, Rahman and Abubakar, Adamu and Tumian, Afidalina (2023) *Feature selection using generalized linear model for Machine Learning-based sepsis prediction*. In: International Conference on Advances in Intelligent Computing and Applications (AICAPS), 1st to 3rd February 2023, India.
6. Tengku Sembok, Tengku Mohd and Wani, Sharyar (2023) *Information retrieval, question answering systems, and ChatGPT: technology, capability, and intelligence*. Socialis Series in Social Science, 5. pp. 96-110. ISSN 2583-1585
7. Yaacob, Hamwira Sakti and Hossain, farhad and Shari, Sharunizam and Khare, Smith K. and Ooi, Chui Ping and Acharya, Rajendra Udyavara (2023) *Application of artificial intelligence techniques for brain-computer interface in mental fatigue detection: a systematic review (2011-2022)*. IEEE Access, 11. pp. 74736-74758. E-ISSN 2169-3536
8. Zainuddin, Ahmad Anwar and Md Nor, Nor Saadah and Kamarul Zaman, Nur Anis Sofea and Mohd Razali, Muhammad Irfan Zaki (2023) *Promoting adab and honesty: responsible content creation for KICTzens' tiktok*. KICT Newsletter (10). p. 1.
9. Abdul Molok, Nurul Nuha and Sapee, Nuridah and Othman, Anis Asila (2023) *Smart Ctzen: a digital storytelling app to empower youth's awareness in cyber safety and security*. Journal of Information Systems and Digital Technologies, 5 (2). pp. 108-120. E-ISSN 2682-8790
10. Abdul Munir, Rufizah and Talib, Shuhaili and Abdul Molok, Nurul Nuha and Ahmad, Mohd Ridzuan (2023) *Information security governance issues In Malaysian government sector*. Journal of Information Systems and Digital Technologies, 5 (2). pp. 1-18. E-ISSN 2682-8790
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17. Keerio, Imran Khan and Shah, Asadullah and Shah, Masoomi Hifazat Ali and Muhamad Ibrahim, Najhan and Mohd Mohadis, Hazwani and Qureshi, Imran Ahmed (2023) A framework of e-learning challenges during Covid-19 in higher education insinuations of Pakistan. *Journal of Information Systems and Digital Technologies*, 5 (2). pp. 90-107. E-ISSN 2682-8790
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20. Norazman, Nur Aisyah and Amin, Syahmi and Mohd Hasri, Nur Sarah Sajidah and Mohd Hanafi, Mohamad Faisal and Ahmad Dahlan, Abdul Rahman (2023) *A conceptual i-griculture business model: strengthening food security and nurturing B40 agro-preneurs*. *Journal of Information Systems and Digital Technologies*, 5 (1). pp. 20-42. E-ISSN 2682-8790
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# Copyright

Title: Laporan Akhir Kajian Hukum Mengenai Kesan Permainan Digital Terhadap Masyarakat

Inventor and Co-Inventor

- 1.Asst. Prof. Dr. Siti Asma Mohammed
- 2.Prof. Dr. Murni Mahmud
- 3.Prof. Dr. Abd. Rahman Ahlan
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- 6.Asst. Prof. Dr. Muna Azuddin
- 7.Asst. Prof. Dr. Nurul Nuha Abdul Molok
- 8.Asst. Prof. Dr. Sharifah Nur Amirah Sarif Abdullah
- 9.Br. Muhd. Rosydi Bin Muhammad
- 10.Asst. Prof. Dr. Mohd. Syarqawy Hamzah
- 11.Prof. Dato'. Dr. Norbik Bashah Bin Idris
- 12.Jabatan Kemanjuaan Islam Malaysia (JAKIM)

Title: Sensei No Kuruma: Car Advising System

Inventor and Co-Inventor

- 1.Asst. Prof. Ts. Dr. Hafizah Mansor
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- 3.Arina Pradu

Title: Drowsy Driver Detection System Dataset

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- 1.Asst. Prof. Ts. Dr. Hafizah Mansor
- 2.Nur Iman Kamila Binti Azharudin

Title: SMILED : Smart Machine for Identifying Dental Lesion with Efficient and Accurate Detection

Inventor and Co-Inventor

- 1.Assoc. Prof. Ts. Dr. Amelia Ritahani Ismail
- 2.Dr. Ahmad Badruddin Bin Ghazali (Kulliyah of Dentistry)
- 3.Faris Farhan bin Azlan
- 4.Khairul Akmal bin Noormaizan

Title: Integration of Car Rental System using Mobile Apps Management and IoT (Accident Detection System)

Inventor and Co-Inventor

- 1.Asst. Prof. Dr. Ts. Ahmad Anwar Zainuddin
- 2.Muhammad Zaid Hazim Johari

Title: eProgress Report for Special Needs Children

Inventor and Co-Inventor

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- 2.Asst. Prof. Dr. Norzaliza Md Nor
- 3.Asst. Prof. Dr. Muna Azuddin
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Title: IoT Workshop Project Modules

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6. Nurul Salshabila bt Mustapa
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Title: Smart Door Access System User's Manual

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5. Asst. Prof. Dr. Atikah Balqis Basri
6. Muhammad Nurzikry Bin Mohd Sazali

Title: GamesMy@IIUM Studio

Inventor and Co-Inventor

1. Asst. Prof. Dr. Suhaila Samsuri
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Title: Immersive Garden of Knowledge: Learning with XR

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