



KICT Newsletter

ISSUES NO.5/2023

JUNE 2023

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Motivational Quote

“Wisdom is to do the correct thing in the correct manner at the correct time.”

Ibn Al Qayyim (rahimahullah)

MUNA BINTI AZUDDIN

**ASSISTANT PROFESSOR
DEPARTMENT OF INFORMATION SYSTEMS**

**RESEARCH EXPERTISE**

Human-computer interaction, interaction design, elderly people, learning disability, and digital interventions for learning disability

QUALIFICATION

Doctor of Philosophy (Information Technology) - International Islamic University Malaysia

PROFESSIONAL MEMBERSHIP

MyHCIUX

CONTACT

 munaazuddin@iium.edu.my

ABOUT ME

I obtained Master and PhD degree of Information Technology from International Islamic University Malaysia. I am currently a lecturer at the Department of Information Systems, IIUM. I started my research project related to using mobile devices among older people. I love to learn and explore user experience design field – specifically related to older people and learning disability. From this research area, I can contribute to the society by creating solutions that better serve individuals and communities, ultimately improving the overall quality of interactions with technology and digital services.

RESEARCH GRANTS/CONSULTATION PTOJECTS

- The Development of Video and E-Learning Material for CIBD Sustainable INFRASTAR Facilitator Course. Sponsored grant. Co-researcher (RM118 000)
- Digital Intervention Model for Parents with Autism Spectrum Disorder Children in Perlis. Jamalullail Research Grant Scheme. Co-researcher (RM20 000)
- A Study on The Usability and User Preferences Of Mobile Apps In Promoting And Marketing Arts, Cultural And Heritage Community-Based Tourism Products In Perlis. Jamalullail Research Grant Scheme. Co-researcher (RM 10000)
- Kajian Hukum Mengenai Kesan Permainan Digital Terhadap Masyarakat. JAKIM Malaysia. Co-Researcher (RM68850).

RECENT PUBLICATIONS

- Azuddin, M., Malik, S.A. & Mahmud, M. (2022). Mobile devices: Older People's Learning Experiences. International Conference on Cyber & IT Service Management (CITSM 2022), Yogyakarta.
- Usolludin, H.H, Saad. M, Abdul Latif. S. A, Mohamad Ali., A, Azuddin. M & Fairuz. M. (2022). Usability Evaluation for Arts, Cultural and Heritage Mobile Application Among Asnaf Entrepreneurs In Perlis. Conference on Future And Sustainable Education (CFSE 2022).
- Malik, S.A, Aburahmah, L & Azuddin, M. (2022). An Exploratory Study on the Use of Social Companion Robot for Adults with Motor Disabilities. Lecture Notes on Data Engineering and Communications Technologies, Vol 127, pp. 616 - 629.
- Md Nor, N., Zakaria, N.A., Azuddin, M., Mahmud, M., Rahman, A.W.A. & Karim, R.A. (2021). Computational Neuro-physiological Model (CNP) to Profile Lower Primary School Students in Inclusive Education: A Concept Paper. International Journal of Advanced Trends in Computer Science and Engineering, vol 10(3), pp. 1515-1519. Doi: <https://doi.org/10.30534/ijatcse/2021/041032021>
- Sofiadin, A. & Azuddin, M. (2021). An Initial Sustainable E-Learning and Gamification Framework for Higher Education. IADIS International Conference Educational Technologies (ICEduTech 2021), 3-5 March 2021, virtual.

SHUHAILI BT. TALIB

**ASSISTANT PROFESSOR
DEPARTMENT OF INFORMATION SYSTEMS**

**RESEARCH EXPERTISE**

Information security: Awareness and training, Governance, Info Sec Management, Security Behaviour, Human Aspect.

QUALIFICATION

- DOCTOR OF PHILOSOPHY IN INFORMATION SECURITY, University of Plymouth, United Kingdom, 2014.
- Master of Science in Information Security, Royal Holloway University of London, London, 2005.
- Bachelor of Management Information System, International Islamic University Malaysia, Malaysia, 2002

PROFESSIONAL MEMBERSHIP

The International Information System Security Certification Consortium (ISC)² membership, Cyber Security Academia Malaysia CSAM, Internet Society (ISOC): Malaysian Chapter

ACHIEVEMENT AND AWARDS

Best Paper Award, Test of time Award from SBA Research, Vienna (ARES steering Committee)

Best Paper Award, Best paper award SAHIH 2016 from Universiti Malaya (UM)

CONTACT

 shuhaili@iium.edu.my

 <https://orcid.org/0000-0003-1230-0468>

ABOUT ME

I obtained my Bachelor of Management Information Systems (BMIS) degree from IUM in 2002 and joined IUM as an assistant lecturer in 2003. After completing my MSc in Information Security from RHUL, UK in 2005, I returned to Malaysia as a lecturer at IUM. In 2009, I attended the prestigious IPICS program in Regensburg during my PhD studies. In 2014, I earned a PhD degree from Plymouth University, UK in Personalizing Information Security Education. As an assistant professor in KICT, I have taught courses like Management Information Systems, Control and Audit of Information Systems, Business Continuity and Disaster Recovery, and Information Resource and Strategy Management. I have supervised Final Year Projects, Industrial Attachment, and guided MSc and PhD students. I also represented KICT in the Staff Mobility Programme in Morocco in 2014. With a strong academic background and a dedication to information security education, I strive to make a meaningful impact on the field and inspire future IT professionals.

RESEARCH GRANTS/CONSULTATION PTOJECTS

- The Development of Cybersecurity Awareness Model using (CTC) Chaos Theory of Careers for Secondary Schools. UNIVERSITI ISLAM ANTARABANGSA MALAYSIA, Co-Researcher (3 years, RM20,000).
- Investigating Students' Perspectives in Sustaining Their Education Quality Through E-Learning: A Study of In- house LMS Users, UNIVERSITI ISLAM ANTARABANGSA MALAYSIA, Co-Researcher (3 years, RM9,500).
- User Awareness on the Authenticity of Mobile Quran, KEMENTERIAN PENGAJIAN TINGGI, Principal Researcher (5 years, RM64,800).
- Intelligent Cyberspace Security, IUM, Co-Researcher (Ongoing, RM50,000)

RECENT PUBLICATIONS

- Zahidah Zulkifli, Nurul Nuha Abdul Molok, Noor Hayani Abd Rahim, Shuhaili Talib (2020). Cybersecurity awareness among secondary school students in Malaysia. *Journal of Information Systems and Digital Technologies*, 2 (2). pp. 28-41.
- Omar Mokhles Barzak, Nurul Nuha Abdul Molok, Murni Mahmud, Shuhaili Talib (2019). Incorporating Islamic principles in information security behaviour: a conceptual framework. *Journal of Information Systems and Digital Technologies*, 1 (2). pp. 24-39.
- Munir, R. A., Talib, S., Molok, N. N. A., & Ahmad, M. R. (2018, July). Responsibility-value alignment in information security governance. In 2018 International Conference on Information and Communication Technology for the Muslim World (ICT4M) (pp. 150-155). IEEE.

Congratulations

For winning the
Top 30 Contributors to IIUM's Research Performance



Prof. Dr. Asadullah Shah

Responsible Research and Innovation
Appreciation Day 2023

Congratulations

Kulliyah of Information Science and Technology
for winning

3RD PLACE

Best Kulliyah Award
(Research and Innovation)

(Sciences and Technology Category)

Responsible Research and Innovation
Appreciation Day 2023



Congratulations for Completing

Proposal Defense


Premier Digital Tech University™ KICT
 AN INTERNATIONAL AWARD WINNING INSTITUTION FOR SUSTAINABILITY

Congratulations for Completing on Proposal Defense



Shailla Sharmin
 Master Of Computing (Computer Science and Technology) (M_CST)

Thesis Title:
 A Vehicular Controller Area Network Intrusion Detection System With a Digital Twin-Based Framework for Online Evaluation

Date of Proposal Defense:
 13th April 2023

Chairman:
 Prof. Dr. Abdul Wahab Abdul Rahman

Examiner:
 Assoc. Prof. Dr. Adamu Abubakar
 Assoc. Prof. Ts. Dr. Amelia Ritahani Ismail

SUPERVISORY COMMITTEE:
 Supervisor : Asst. Prof. Dr. Hafizah Mansor
 Co-Supervisor : Assoc. Prof. Dr. Normaziah Abdul Aziz
 Co-Supervisor : Asst. Prof. Dr. Andi Fitriah Binti Abdul Kadir

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Congratulations for Completing on Proposal Defense



Shafullah Wasiq
 Doctor of Philosophy (Computer Science and Technology) (P_CST)

Thesis Title:
 SME's Digital Transformation Toward Effective Adoption of Internet of Things (IoT) in Malaysia

Date of Proposal Defense:
 7th April 2023


Chairman:
 Assoc. Prof. Dr. Norsaremah Salleh

Examiner:
 Asst. Prof. Dr. Marini Othman
 Asst. Prof. Dr. Rizal


SUPERVISORY COMMITTEE:
 Supervisor: Prof. Dr. Akram M Z M Khedher
 Co-supervisor: Prof. Dr. Asadullah Shah
 Co-supervisor: Assoc. Prof. Dr. Adamu Abubakar

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Computing Project


Premier Digital Tech University™ KICT
 AN INTERNATIONAL AWARD WINNING INSTITUTION FOR SUSTAINABILITY

Congratulations for Completing Computing Project



Waleed Asender
 Master of Information Technology (MIT)

Title:
 Agile, Web Frameworks and Apis to Accelerate The Development Life Cycle of The Maqasid Research Engine

Date of Presentation:
 3th April 2023

Examiner:
 Prof Dr. Asadullah Shah
 Prof. Dr. Akram M.Z. Khedher

MAIN SUPERVISOR
 Prof. Dr. Fauzan Nordin

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Congratulations for Completing Computing Project



Barry Mamadou Souaibou
 Master of Information Technology (MIT)

Title:
 Examining The Impact of Digitally-Enable Service Delivery of Agricultural Products and Proposing a Business Model for FAMA

Date of Presentation:
 7th April 2023

Examiner:
 Asst. Prof. Dr. Atikah Balqis Binti Basri
 Asst. Prof. Dr. Elin Eliana Abdul Rahim

MAIN SUPERVISOR
 Asst. Prof. Dr. Adamu Abubakar Ibrahim

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Dissertation


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Congratulations for Completing Dissertation



KHALED ALSAMMAN
 Master of Information Technology (MIT)

Thesis Title:
 Enhancing Students' Comprehension of Learning Introductory Programming Through Visual Learning

Date of Presentation:
 19th April 2023

Examiner:
 Asst. Prof. Dr. Norzariyah Yahya
 Asst. Prof. Ts. Dr. Muhammad Sadry Abu Seman

MAIN SUPERVISOR:
 ASSOC. PROF. DR. NORSAREMAH BT. SALLEH

OFFICE OF DDPGR, KICT
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Congratulations to
Prof. Dato' Dr. Norbik
Bashah Idris



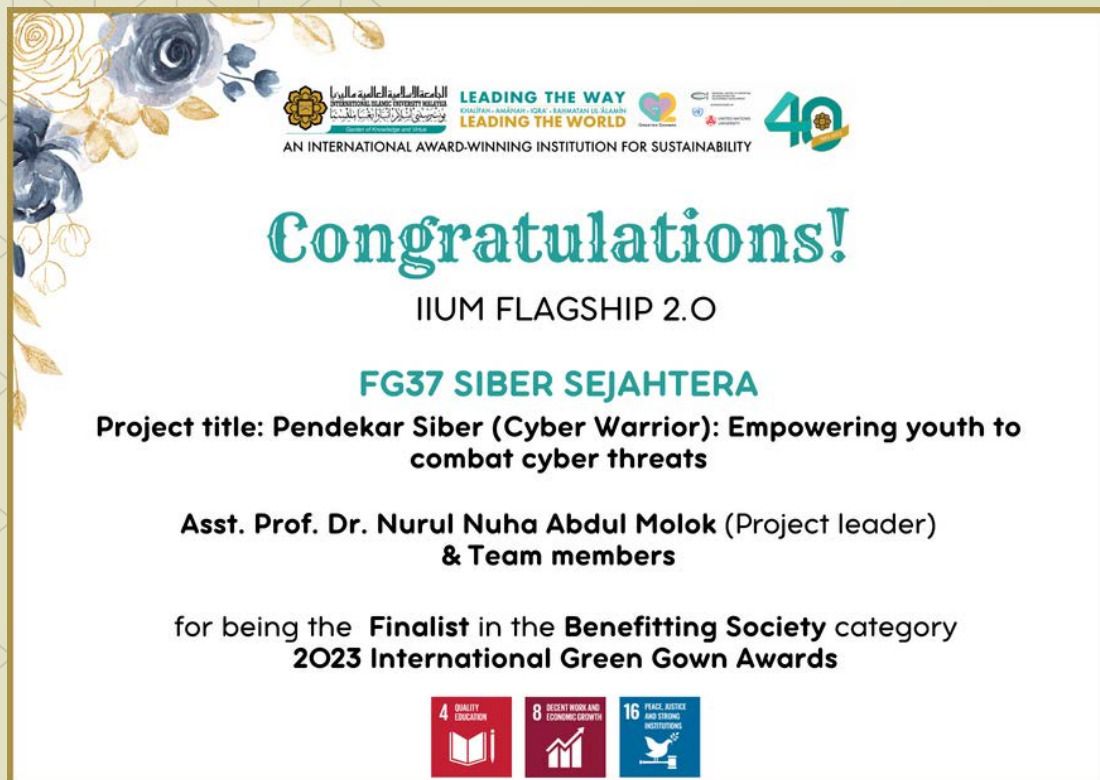
HEARTIEST
Congratulations
Prof. Dato' Dr.
Norbik Bashah Idris
on your appointment as
CHIEF DIGITAL OFFICER


" We wish you all the best in this new
endeavour to steer IIUM to a greater
height in line with the University's
aspirations "

 INFORMATION TECHNOLOGY DIVISION
division.iium.edu.my/itd



Congratulations to
Asst. Prof. Dr. Nurul Nuha Abdul Molok






 **LEADING THE WAY**
LEADING THE WORLD
AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY

Congratulations!
IIUM FLAGSHIP 2.0
FG37 SIBER SEJAHTERA
Project title: **Pendekar Siber (Cyber Warrior): Empowering youth to
combat cyber threats**

**Asst. Prof. Dr. Nurul Nuha Abdul Molok (Project leader)
& Team members**

for being the **Finalist** in the **Benefitting Society** category
2023 International Green Gown Awards

 **4** QUALITY EDUCATION
 **8** DECENT WORK AND ECONOMIC GROWTH
 **16** PEACE, JUSTICE AND STRONG INSTITUTIONS

#KICTRamadanPack1444

Ramadhan packages to KICT cleaners, landscape, and canteen workers is one of the KICT Welfare Club's projects.



KICT Raya Photoshoot



Hari Raya Wishing Poster

سَلَامَتِ هَرِي رَايَا عِيدِ الْفِطْرِي

Wishing you a blessed and joyous Eid al-Fitr!

From Kulliyah of Information & Communication Technology


 الداعية العالمية ماليزيا
 INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
 كلياتها في كمالها بالعلم والبر
 Garden of Knowledge and Virtue

LEADING THE WAY
 KHALIFAH · AMANAH · IGRA · RAHMATAN LIL'ALAMIN


 KICT 20th Anniversary

سَلَامَتِ هَرِي رَايَا عِيدِ الْفِطْرِي

SELAMAT HARI RAYA AIDILFITRI

"May Allah Accept from Us and You (Fast and Deeds)"

From


DEPARTMENT OF INFORMATION SYSTEMS, KICT


عِيدُ مَبْرُكٌ لَكُمْ

EID MUBARAK

On Eid-Fitr

May Allah Shower Countless Blessing Upon You and Your Family

From


KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY

Harai Raya Eid-Ul-Fitr Gathering



ACTIVITY



ACTIVITY



The Opening Ceremony of the 19th Persidangan Perterjemahan Antarabangsa



Visit by Pendekar Siber at Menara Bank Islam





SCIENTIFIC POSTER COMPETITION FOR JOHOR AUTISM SUMMIT 2023 (JAS23) An International Event for Autism & Dyslexia

ATIKAH BALQIS BASRI, SITI ASMA MOHAMMED, MAZNAH AHMAD, NURUL LIYANA MOHAMAD ZULKUFLI, ASMARANI AHMAD PUZI, SURIANI SULAIMAN, AHSIAH ISMAIL, ADAMU ABUBAKAR IBRAHIM, NOOR AZURA ZAKARIA, MUNA AZUDDIN, MARINI OTHMAN, ELIN ELIANA ABDUL RAHIM

atikahbalqis@iiu.edu.my, siti_asma@iiu.edu.my, amaznah@iiu.edu.my, liyanazulkufli@iiu.edu.my, asmarani@iiu.edu.my, ssuriani@iiu.edu.my, ahsiah@iiu.edu.my, adamu@iiu.edu.my, azurazakaria@iiu.edu.my, munaazuddin@iiu.edu.my, omarini@iiu.edu.my, elin@iiu.edu.my

The scientific poster competition was held in connection with the International Event for Autism and Dyslexia from March 10–13, 2023, at the JB Convention & Exhibition Centre, Berjaya Waterfront Hotel Johor Bahru. The Johor Autism Summit (JAS), a gathering organised by Persatuan Kanak-Kanak Austisme Johor, was hosted for the first time in 2019. Its goal was to advance the delivery and execution of affirmative actions for people with autism and dyslexia. The most recent conference, JAS23 held in March 2023 had introduced various topics including therapy and treatment, research and development (R&D), and how technology may assist autistic and dyslexic children to live more autonomous and fulfilling lives. JAS23 featured renowned speakers in the field of special education and exhibitors showcasing the latest developments in related products and services.

OBJECTIVES OF SCIENTIFIC POSTER COMPETITION JAS23

- Explore various research disciplines in promoting rehabilitation discourse for autism and learning disabilities.
- Explore the use of technology in therapy and treatment to deliver affirmative action in dealing with autism and other learning disabilities.
- Establish a platform among researchers, schools, professionals, and parents in promoting ICT and other research solutions for dealing with autism and learning disabilities.
- Contribute to the community of parents who has children with autism and other learning disabilities.

JAS23 has featured scientific presentations organized by Kulliyyah of Information and Communication Technology (KICT) International Islamic University Malaysia (IIUM). 42 posters registered for the competition. Ten of them received gold medals, twenty received silver medals, and twelve received bronze medals.



Ramadhan Talk - "Secrets of Fasting"



Br. Jamaludin Ibrahim and Br. Ts. Abdul Rahman Ahmad Dahlan

Ramadhan Berkah
INTERNATIONAL ASSOCIATION OF ECONOMIC AND BUSINESS PRESENT
PEMBERDAYAAN MASYARAKAT
Sosial Entrepreneurship as Community Empovement
at mKitchen International Islamic University Malaysia (IIUM)

KEYNOTE SPEECH
Ray Raja Sanyoon, MSA, PhD
Head of PhD Program in Business and Management UMAM
Paris, Malaysia

KEYNOTE SPEECH
Associate Prof. Dr. Dzulfitri
Abdul Basak
Leader mKitchen IIUM Malaysia

MODERATOR
Nining Islamiyah, S.A., M.Sc
Lecturer of UMAM Sunabangsa

CO-CHAIR
Tr. Jamaludin Ibrahim
Senior Academic Advisor (S.A.) IIUM Malaysia
Co-Founder mKitchen IIUM
IIUM IIUM

CO-CHAIR
Hj. Abdul Rahman Ahmad Dahlan
Senior Academic Advisor (S.A.) IIUM Malaysia
Team Leader mKitchen IIUM
IIUM IIUM

SPEAKER
Purwana Budhia Suryantiya, ST
PhD (IT) Senior Business Lecturer

FORM PENDAFTARAN
SATURDAY, 15 APRIL 2023
09.00 WIB (INDONESIA) | (MALAYSIA) 10.00 AM
VIA ZOOM MEETING

CONFIRMATION WHATSAPP
0824 6887 8884 (RAHMI)
0823 8203 8975 (NADRAH)

1. **PoC of mKitchen™ with the Community of Masjid**
- Free Food & Nurturing Food-preneurship

mKitchen™ as a source of Mercy to the Needy
#Empowering the Needy as Foodpreneurs
#From "Zakat Receivers to Zakat Payers"

MALAYSIA MADANI

Objective

- To share the journey of mKitchen™ and its business model framework
- Agents:
 - mKitchen™ Alor Gajah
 - mKitchen™ IIUM (Business, Engineering, Entrepreneurial)
 - Business Model Canvas (BMC)
 - mKitchen™ Challenges
 - SPH (Sustainable Project Hub)
 - Media
 - Website
 - Workshop
 - General mKitchen™ Multi-liked Business Model

4. mKitchen™ Challenges

Key Partners NGOs & Charitable Orgs Restaurants Markets Supermarkets Govt Depts Media	Key Activities Marketing Digital Platforms	Value Propositions Employment Entrepreneurship Education Premium Food Socialisation Impact & CSR	Channels Digital Marketing Campaigns for Donation, Digital Platforms Charitable	Customer Segments Acutal & B2C Corporate & Individual Donor Contribution
Cost Structure Space rental Food materials	Revenue Streams Sustainable Premium Food Inconsistent Donations			

Tel-U Tech Talk Series 1,
Telkom University

Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
one of the Speaker



TECHNOLOGY WILL NEVER REPLACE US BUT
IN THE HANDS OF GREAT ONE IS
TRANSFORMATIONAL

Tel-U Tech Talk

Series 14

Opening speech
MUHARMAN LUBIS B.IT., M.IT., PH.D.IT.
Kelua Program Studi Magister Sistem Informasi
Telkom University

Speaker 1
Assistant Prof. Ts. Dr. Dini O. D. Handayani
"Emotion and AI: Affective Computing for Improving
Human Interaction"

Speaker 2
Dr. dr. Bastian Lubis, Sp-An-TI, M.Kes, KIC
(Kepala ICU RSP Adam Malik Medan)
"Issues of Medical Technology in Intensive Care"

Thursday
13 April
2023
3:30 PM

zoom
bit.ly/Tel-UTech

CTF Workshop Digital Forensics



SIG CYBERSECURITY PRESENTS

CTF WORKSHOP DIGITAL FORENSICS

Speaker
Mr. Shariman

SATURDAY, 6TH MAY 2023
09:30 AM - 12:00 PM
Venue: ICPC Lab, Floor 4, KICT



Brain Talk Graduates Edition



BRAINTALK Graduates Edition

Prof. Abdul Wahab
Supervisor

Dr. Dini 2017

Dr. Norzaliza 2012

Dr. Marini 2015

Dr. Raini 2016

Dr. Hamwira 2015

Agenda
9 AM Opening
9:10 AM BrainTalk
10 AM Special Interest Group

Date 26 May 2023 | Time 9 AM - 11 AM | Venue LT2, Lvl 4, KICT

Organized by: PETROKORPORASI RESEARCH GROUP

Publications

(Submission in IREP for May 2023)

1. Anand, Vatsala and Gupta, Sheifali and Gupta, Deepali and Gulzar, Yonis and Qin, Xin and Juneja, Sapna and Shah, Asadullah and Shaikh, Asadullah (2023) Weighted average ensemble deep learning model for stratification of brain tumor in MRI images. *Diagnostics*, 13 (7). pp. 1-13. E-ISSN 2075-4418
2. Ahmad Hamzah, Hussin and Abu Seman, Muhamad Sadry (2023) Proposed model for the construction of the University of Al-Balqa' applied e-learning system using web engineering standards. *International Journal of Intelligent Systems and Applications in Engineering*, 11 (2). pp. 1-8. ISSN 2147-6799 (In Press)
3. Mohamed Sofiadin, Aidrina (2023) Application of immersive technologies towards sustainability in higher education: a case study. *IADIS International Journal on WWW/Internet*, 21 (1). pp. 46-58. ISSN 1645-7641
4. Sarif Abdullah, Sharifah Nur Amirah and Md Nor, Nor Saadah and Nor Yazid, Nurul Aini (2023) A study on the implementation of KOHA cataloguing module in Malaysian academic libraries. *Malaysian Journal of Library & Information Science*, 28 (1). pp. 69-87. ISSN 1394-6234

Copyright

Title :

ACMS Database Design for Antenatal Depression Monitoring

Inventors and co-inventors:

- Prof. Ts. Dr. Mira Kartiwi
 - Prof. Dr. Jamalludin Bin Ab.Rahman
 - Prof. Ts. Dr. Teddy Surya Gunawan
 - Assoc. Prof. Dr. Hashima E Nasreen
-

Title :

ACMS – Ummusalama : Integrated System for Perinatal Depression Monitoring Systems

Inventors and co-inventors:

- Prof. Ts. Dr. Mira Kartiwi
 - Prof. Dr. Jamalludin Bin Ab.Rahman
 - Prof. Ts. Dr. Teddy Surya Gunawan
 - Assoc. Prof. Dr. Hashima E Nasreen
-

Title :

The Study of COVID-19 Effects in Global Warming Based on Data Science' s Modelling and Deployment Techniques

Inventors and co-inventors:

- Asst. Prof. Dr. Raini Binti Hassan
 - Sr. Tasnim Rafia
 - Br. Tanveer Mahmood Hasan
-

Title :

MEdTRIZ Model: For Radical Innovation in Education

Inventors:

- Asst. Prof. Dr. Akeem Olowolayemo