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 CIDB 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 IIUM in 2002 and joined IIUM 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 IIUM. 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, IIUM, 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.

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

KICT

Congratulations

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

Prof. Dr. Asadullah Shah

Responsible Research and Innovation
Appreciation Day 2023

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

KICT

Congratulations

Kulliyyah of Information Science and Technology
for winning

3RD PLACE

Best Kulliyyah Award
(Research and Innovation)

(Sciences and Technology Category)

Responsible Research and Innovation
Appreciation Day 2023

CERTIFICATE OF ACHIEVEMENT

presented to

KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY (KICT)

In recognition of its success in securing the "Best Kulliyyah Award (Research and Innovation)" (Sciences and Technology) 3rd Place during the Responsible Research and Innovation Appreciation Day 2023

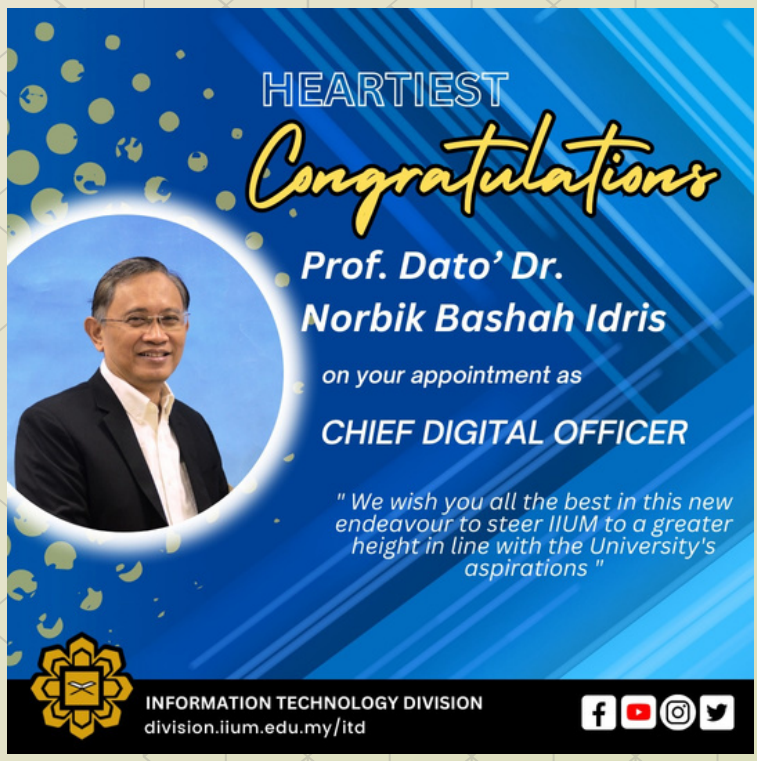
Congratulations for Completing

Proposal Defense

Computing Project

Dissertation

Congratulations to Prof. Dato' Dr. Norbik Bashah Idris



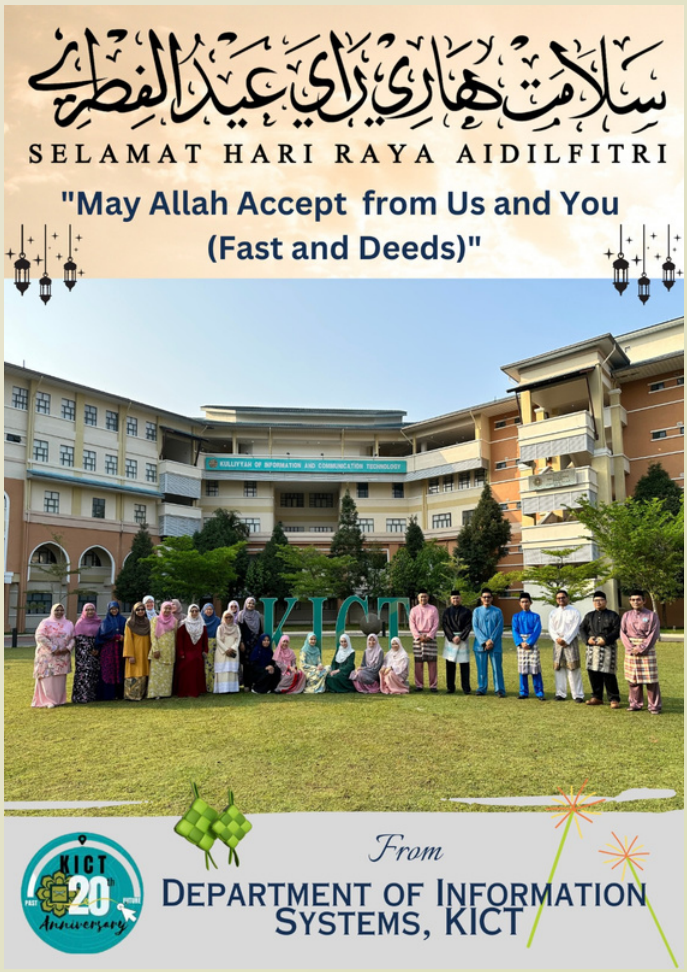
Congratulations to Asst. Prof. Dr. Nurul Nuha Abdul Molok

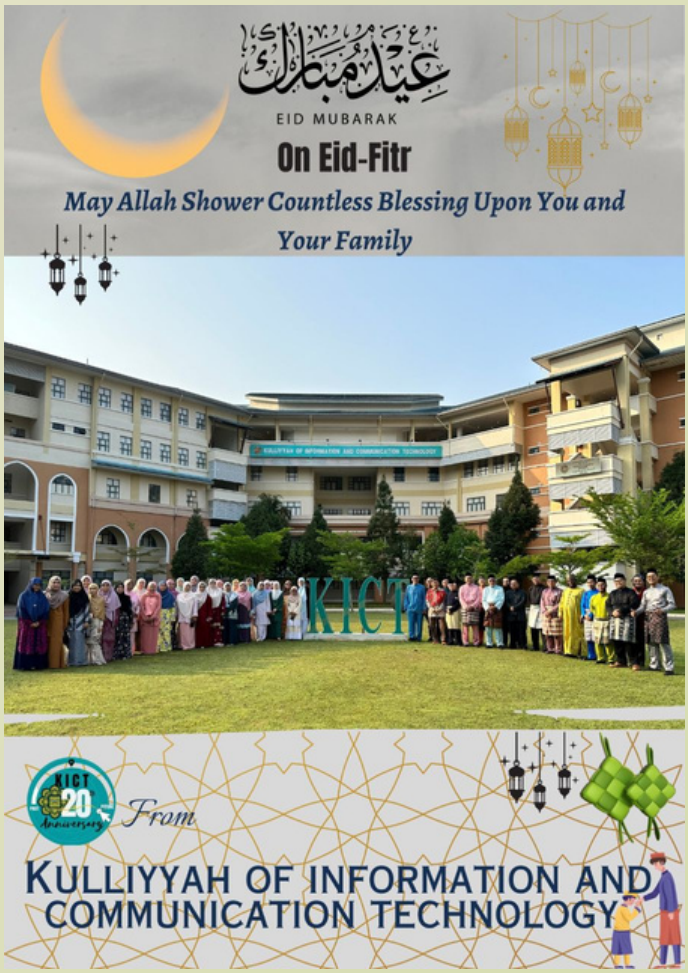
#KICTRamadanPack1444

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

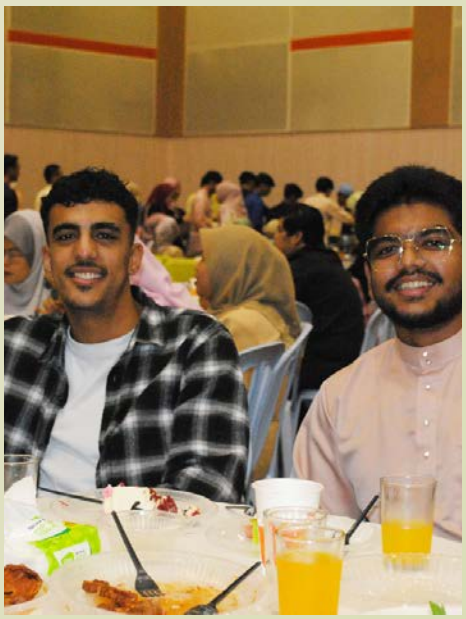




Hari Raya Eid-Ul-Fitr Gathering

KICT
Selamat
Hari Raya

KICT



Selamat

The Opening Ceremony of the 19th Persidangan Perterjemahan Antarabangsa

Visit by Pendekar Siber at Menara Bank Islam

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.

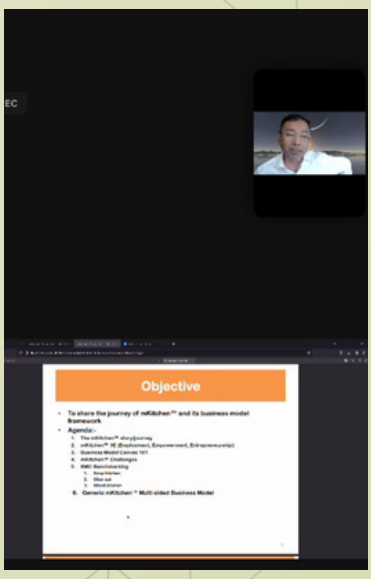
OBJECTIVES OF SCIENTIFIC POSTER COMPETITION JAS23

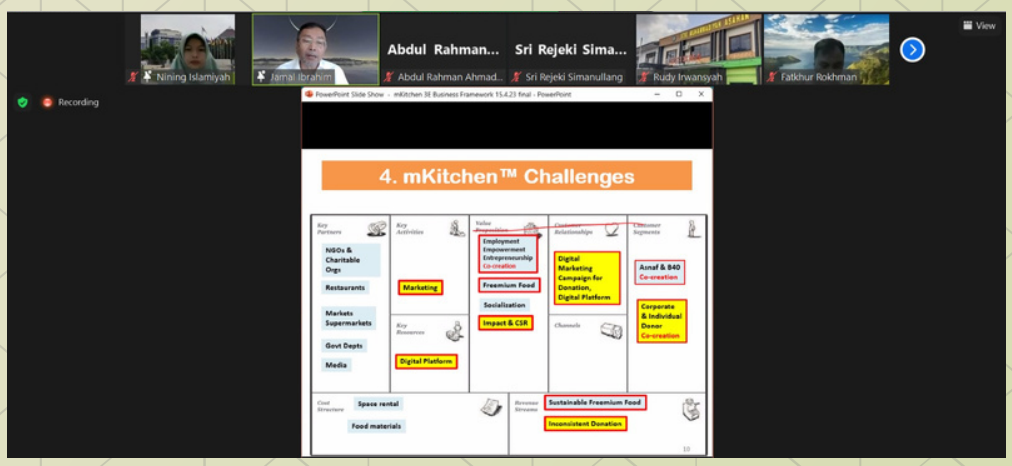
- **Explore various research disciplines in promoting rehabilitation discourse for autism and learning disabilities.**
- **Explore the use of technology in therapy and treatment to deliver affirmative action in dealing with autism and other learning disabilities.**
- **Establish a platform among researchers, 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





Tel-U Tech Talk Series 1,
Telkom University
Asst. Prof. Ts. Dr. Dini Oktarina Dwi Handayani
one of the Speaker

CTF Workshop Digital Forensics

Brain Talk Graduates Edition

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