

MOHD. ADAM BIN SUHAIMI



- KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
- IIUM Gombak Campus
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ACADEMIC QUALIFICATION

- PhD in Strategic Planning & Information System
- Master of Science in Education
- Bachelor of Science
- Diploma in Statistics

TEACHING RESPONSIBILITIES

FINAL YEAR PROJECT I	2019/2020
FINAL YEAR PROJECT II	2020/2021
IT STRATEGY AND GOVERNANCE	2019/2020 2020/2021
MANAGEMENT INFORMATION SYSTEM	2019/2020 2020/2021

RESEARCH PROJECTS

In Progress

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|-----------------------|---|
| 2018 - Present | A Holistic Framework For Successful Open Government Data Implementation In Malaysia |
| 2018 - Present | GIAD - IAT Project |

Completed

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| 2016 - 2019 | Measuring Cloud-Based it Capability for Malaysia SMEs using Resource-Based Theory and Multi-Stakeholders' Perspective |
| 2013 - 2019 | Developing A Holistic E-Business Capability Framework for Malaysian SMES in the Retail Sector |
| 2011 - 2015 | Development of Information Processing Algorithms for Computer Generated Pseudo-genes in DNA Computing |
| 2011 - 2018 | Towards Developing a Shariah-Compliant Model for Understanding User Trust in E-Commerce |
| 2009 - 2011 | Development of Algorithm for the Hybrid UCE(Ubique Class Encryption)Using Al-Muqattaat for the Implementation of S-Boxes |

- 2009 - -1** To Study the Expansion of Al-Muawwidhatain Keys with Al-Muqataat Keys for a 128 Bit S-Box UCE Encryption
- 2009 - 2014** DEVELOPMENT OF DEMENTIA BRAIN (DBRAIN) MULTI-AGENTS USING GENE, PROTEIN AND DRUG PLATFORMS ON BIO-GRID WITH NEW SERVICE ORIENTED ARCHITECTURE (SOA) FOR DIAGNOSTIC, THERAPEUTICS AND TREATMENT OF AGING AND ACTIVE PEOPLE
- 2007 - 2011** ICT Workforce and Employability Trends: The Perspective of Employers in Malaysia
- 2006 - 2009** Neuro Degeneration as a Function of Software Running States in Mind-Machines

PUBLICATIONS

Article

- 2019** [Cloud computing practices and perceived benefits by SMES in Malaysia: some empirical evidence.](#) Journal of Information Systems and Digital Technologies , 1 (2) pp.1-15
- 2019** [A case study on the adoption of cloud computing in Malaysia from the perspectives of cloud providers.](#) International Journal of Innovation in Enterprise Systems (IJIES) , 3 (2) pp.42-47
- 2019** [The adoption of Knowledge Management Systems \(KMS\) among academicians in Nigeria universities.](#) Journal of Information Systems and Digital Technologies (JISDT) , 1 (1) pp.47-64
- 2018** [Impact of external factors on determining E-commerce benefits among SMEs in Malaysia.](#) Journal of Global Entrepreneurship Research , 8 (18) pp.1-12
- 2018** [A model to assess the impacts of cloud computing use on SME performance: a resource-based view.](#) Advanced Science Letters , 24 (3) pp.1800-1804(5)
- 2017** [Review of Malaysian Tenth Health Plan 2011-2015.](#) Journal of Islamic Countries Society of Statistical Sciences , 3 (2) pp.289-294
- 2017** [Critical security challenges in cloud computing environment: An appraisal.](#) Journal of Theoretical and Applied Information Technology , 95 (10) pp.2234-2248
- 2016** [Acceptance of HMIS by healthcare professionals of private sector hospitals of Pakistan.](#) SINDH University research Journal (Science Series) , 48 (4D) pp.165-168
- 2014** [Big data technology in shari'ah compliance risk management \(SCRM\): a view of information technology in Islamic finance risk management.](#) Journal of Islamic Banking and Finance , 31 (3 (July-September)) pp.84-97
- 2014** [Aligning cloud computing security with business strategy.](#) International Journal of Computer Trends and Technology (IJCTT) , 7 (1) pp.52-60
- 2014** [E-government implementation in the Kingdom of Saudi Arabia: an exploratory study on current practices, obstacles and challenges.](#) International Journal of Humanities and Social Science , 4 (2) pp.296-300

- 2013** [Building trust in e-commerce from an Islamic perspective: A literature review.](#) American Academic and Scholarly Research Journal , 5 (5) pp.161-168
- 2013** [A conceptual model for business and information technology strategetic alignment from the perspective of small and medium enterprises.](#) International Journal of Business, Humanities and Technology , 3 (7) pp.83-90
- 2012** [Information and communication technology workforce employability in Malaysia.](#) Campus Wide Information Systems , 29 (2) pp.80-89
- 2010** [The Malaysia IT Outsourcing industry skill-sets requirements of future IT graduates.](#) WSEAS Transactions on Computers , 9 (7) pp.738-747
- 2009** [IT outsourcing industry practices, models, trends and challenges from a case of a Malaysian offshore global service provider.](#) International Journal of Mathematics and Computers in Simulation , 3 (2) pp.89-96
- 2008** [Perceived attributes of e-commerce and the adoption decision: the case of Malaysian SMEs.](#) Jurnal Teknologi Maklumat & Multimedia , 5 pp.107-125
- 2008** [Assessment of the impact of IT outsourcing on IT education in Malaysian institutions of higher learnings .](#) INTERNATIONAL JOURNAL OF EDUCATION AND INFORMATION TECHNOLOGIES , 2 (3) pp.167-174
- 2007** [Information system outsourcing: motivations and the implementation strategy in a Malaysian bank.](#) Business Process Management Journal , 13 (5) pp.644-661
- 2007** [Information systems outsourcing: motivations and implementation strategy in a Malaysia bank.](#) Business Process Management Journal , 13 (5) pp.644-661
- 2005** [E-Commerce and ethical web design applying the BBOnline guidelines on Malaysian website.](#) The International Arab Journal of Information Technology , 2 (3) pp.219-227
- 2004** [Performance of wireless local area networks in Malaysian institutions.](#) Journal of Information Technology Impact , 4 (2) pp.121-132
- 2004** [ICT and school transformation: an empirical study on the perception of principals in the Klang Valley area on the Malaysian smart school.](#) Journal of Information and Communication Technology , 3 (2) pp.15-41
- 2003** [Image processing in medical applications.](#) Journal of Information Technology Impact , 3 (2) pp.63-68
- 1999** [The relative success of alternative approaches to strategic information systems: an empirical analysis.](#) Journal of Strategic Information Systems , 8 (3) pp.263-283

Conference or Workshop Item

- 2019** [Open Government data use by Malaysian researchers: some empirical evidence.](#) **In: 6th International Conference on Research and Innovation in Information Systems (ICRIIS2019)**
- 2019** [A review on cloud computing adoption from the perspectives of providers and clients.](#) **In: The 6th International Conference on Information Technology for Cyber and IT Service Management**

- 2019 [A case study on the adoption of cloud computing in Malaysia from the perspectives of cloud providers.](#) In: **7th International Conference on Computing and Informatics (ICOCI2019)**
- 2018 [Exploring issues that concern Muslim customers in the conduct of e-commerce transactions.](#) In: **Department of Information Systems Seminar 2018**
- 2018 [A systematic literature review of cloud computing adoption and impacts among Small Medium Enterprises \(SMEs\).](#) In: **2018 International Conference on Information and Communication Technology for the Muslim World (ICT4M)**
- 2018 [A model of factors influencing cloud computing adoption among faculty members and students of higher educational institutions of Bangladesh.](#) In: **5th IEEE International Conference on Engineering Technologies and Applied Sciences (ICETAS) 2018**
- 2017 [Acceptance and use of technology evaluation on insurance data processing system \(Care Tech\): a case study on insurance company in Indonesia.](#) In: **International Conference on Informatics and Computing (ICIC 2016)**
- 2017 [E-business capability and value among retail SMEs: Some empirical evidence from Malaysia.](#) In: **2016 IEEE Conference on e-Learning, e-Management and e-Services (IC3e)**
- 2017 [A model to assess the impacts of cloud computing use on SME performance: a resource-based view.](#) In: **International Conference on Computer and Network Application**
- 2016 [Factors influencing e-Business capability: An empirical study on Malaysian SMEs.](#) In: **2016 International Conference on Information Science, Technology, Management, Humanities & Business (ITMAHUB)**
- 2016 [Risks and harm on the Internet among the teenagers in Bangladesh.](#) In: **4th International Conference on Cyber and IT Service Management, CITSM 2016;**
- 2015 [The success of a management information system in healthcare sector of Pakistan.](#) In: **13th International Conference on Statistical Sciences**
- 2014 [Exploring factors that influence Muslim intention to purchase online.](#) In: **The 5th International Conference on Information and Communication Technology for The Muslim World (ICT4M)**
- 2014 [A rule-based question answering system on relevant documents of Indonesian Quran translation.](#) In: **2014 International Conference on Cyber and IT Service Management (CITSM)**
- 2014 [Development of gene motif modulation for information processing in artificial DNA computing.](#) In: **2014 The 5th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2014)**
- 2014 [Enterprise information architecture of a Malaysian institute of higher learning management information system: an experience.](#) In: **Malaysian National Conference of Databases 2014 (MaNCoD 2014)**

- 2013 [Conceptualizing trust-based online behavior model for Muslim consumers](#) . In: **The 4th International Conference on Information & Communication Technology for the Muslim World (ICT4M)**
- 2013 [Evaluating Strategic Information Systems Planning \(SISP\) performance among Malaysian government agencies using organizational learning-based model](#). In: **4th International Conference on Information Systems Management and Evaluation (ICIME 2013)**
- 2013 [Muslim consumers' perceived behavior in E-commerce environment](#). In: **2nd International Conference on Advanced Computer Science Applications and Technologies - ACSAT2013**
- 2012 [Developing an emergent theoretical framework for artificial pseudo-gene communication pathway in DNA computing](#). In: **International Conference on Advanced Computer Science and Informations (ICACSIS 2012)**
- 2010 [The supply-side IT outsourcing: the malaysian window](#) . In: **IUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2010 [Unique class encryption \(UCE\) substitution boxes \(S-Boxes\) using mysterious Quranic for block ciphers in ICT security](#). In: **IUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2010 [Computer generated degenerative brain \(DBrain\) solution for people with memory loss and related impairments](#). In: **IUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2009 [Malaysia IT outsourcing industry: practices, models, trends and challenges from a case of an offshore global service provider](#). In: **International Conference on Computational and Information Sciences (ICCIS)**
- 2009 [The use of meta-magical themes in designing gene mosaics](#). In: **International Conference on Design Principles and Practices**
- 2009 [Conceptualization of Strategic Information Systems Planning \(SISP\) success model in public sector: an absorptive capacity approach](#) . In: **European and Mediterranean Conference on Information Systems 2009 (EMCIS 2009)**
- 2009 [Malaysia IT outsourcing industry: practices, models, trends and challenges from a case of an offshore global service provider](#). In: **15th American Conference on Applied Mathematics/International Conference on Computational and Information Science**
- 2008 [The future skill-sets expectations of IT graduates in Malaysia IT outsourcing industry](#). In: **7th WSEAS International Conference on E-ACTIVITIES (E-ACTIVITIES '08)**
- 2008 [The future skill-sets expectations of IT graduates in Malaysia IT outsourcing industry](#). In: **7th WSEAS International Conference on E-ACTIVITIES (E-ACTIVITIES '08)**
- 2008 [Assessing future needs of IT education in Malaysia: a preliminary result](#) . In: **4th WSEAS/IASME International Conference on EDUCATIONAL TECHNOLOGIES (EDUTE'08)**

2008 [Assessing future needs of IT education in Malaysia: a preliminary result](#) . In: **4th WSEAS/IASME International Conference on EDUCATIONAL TECHNOLOGIES (EDUTE'08)**

2008 [Pattern matching algorithm for artificial to natural DNA codes of a dementia brain](#). In: **International Conference on Computer and Communication Engineering 2008**

Book

2012 [An integrated approach of biomedical image management system](#). LAP Lambert Academic Publishing . ISBN 978-3-8433-6052-4

2011 [Information technology and business alignment in Malaysian SMEs](#). IIUM Press . ISBN 9789675272189

2011 [Information technology issues and applications in Malaysia : a collection of articles..](#) IIUM Press . ISBN 9789674180034

Book Section

2011 [An empirical study on strategic information systems planning practices on Malaysian government agencies..](#) In: **Information technology issues and applications in Malaysia : a collection of articles** IIUM Press . ISBN 9789674180034 , pp.49-76

2009 [Malaysia IT outsourcing industry: practices, models, trends and challenges from a case of an offshore global service provider](#). In: **Recent advances in applied mathematics and computational and information sciences** WSEAS Press . ISBN 978 960 474 071 0 ; 1790-5117 , pp.396-401

2008 [Antecedents influencing IT outsourcing success](#). In: **Information technology outsourcing success framework Malaysia's insight** Penerbit Universiti Teknologi Malaysia . ISBN 978-983-52-0561-3 , pp.57-75

2008 [Examining IT outsourcing success constructs](#). In: **Information technology outsourcing success framework: Malaysia's insight** Penerbit Universiti Teknologi Malaysia . ISBN 978-983-52-0561-3 , pp.40-56

2008 [Paradigm shift: outsourcing decision Bandwagon](#). In: **Information technology outsourcing success framework: Malaysia's insight** Penerbit Universiti Teknologi Malaysia . ISBN 978-983-52-0561-3 , pp.21-38