

ABD. RAHMAN BIN AHLAN



- KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
- IIUM Gombak Campus
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المؤهل العلمي

- Doctor of Philosophy in Management Information System
- Master of Science in Information Technology for Manufacture
- Bachelor of Business Administration
- Diploma in Planting Industry Management

مسؤوليات التدريس

BIG DATA ACROSS VERTICALS AND DOMAINS	2017/2018 2018/2019 2019/2020
BUSINESS DATA COMMUNICATION	2015/2016 2016/2017
ENTERPRISE INTEGRATION	2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018
FINAL YEAR PROJECT 1	2019/2020
FINAL YEAR PROJECT I	2006/2007 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2016/2017 2017/2018 2020/2021
FINAL YEAR PROJECT II	2007/2008 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2019/2020
INDUSTRIAL ATTACHMENT	2013/2014 2014/2015 2016/2017
INFORMATION RESOURCE AND STRATEGY MANAGEMENT	2010/2011 2013/2014
INFORMATION SYSTEMS FOR MANAGERS	2009/2010 2013/2014 2014/2015 2015/2016 2016/2017
INFORMATION TECHNOLOGY	1994/1995 1995/1996 1996/1997 1997/1998 2005/2006
INTEGRATED BUSINESS PROCESS AND ERP SYSTEMS	2018/2019 2019/2020 2020/2021
KNOWLEDGE MANAGEMENT	2015/2016
MANAGEMENT INFORMATION SYSTEM	2013/2014 2016/2017
MANAGEMENT INFORMATION SYSTEMS	2008/2009 2010/2011

METHODOLOGIES FOR SYSTEM DEVELOPMENT	2017/2018 2018/2019 2019/2020 2020/2021
PHYSICAL PROTECTIVE SECURITY	2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
PRACTICAL TRAINING	2007/2008
PROJECT & CHANGE MANAGEMENT	2008/2009 2009/2010 2010/2011 2013/2014
PROJECT CHANGE MANAGEMENT	2007/2008
PROJECT MANAGEMENT IN IT	2002/2003 2005/2006 2006/2007 2009/2010
RESEARCH METHODOLOGY FOR IT	2016/2017
SYSTEM ANALYSIS & DESIGN	2003/2004
SYSTEM DEVELOPMENT METHODOLOGIES	2007/2008 2008/2009 2011/2012 2012/2013 2014/2015 2018/2019

المشاريع البحثية

In Progress

- 2020 - Present** Kajian Hukum Mengenai Kesan Permainan Digital Terhadap Masyarakat
- 2008 - Present** IT for Development and e-Government (ITDEG)
- 2008 - Present** Intelligent Cyberspace Security

Completed

- 2014 - 2017** A Model for Information Security Risk Management and Auditing Processes in Malaysian Universities
- 2010 - 2013** Internet Safety and Security Awareness Among Malaysian Youth: Knowledge, Understanding and Compliance
- 2010 - 2011** Consultant for the Implementation of a Campus Security Solution for IIUM Gombak Campus
- 2010 - 2014** Customer Relationship Management Alignment in Malaysian Small and Medium Enterprises
- 2010 - 2016** Information security awareness: IIUM perspective
- 2010 - 2013** IT Risk Management Practices in Malaysian Public Higher Education Sector
- 2010 - 2011** Consultant for the Implementation of a Campus Security Solution for IIUM Gombak Campus

- 2009 - 2010** Technology Assessment Consultant for MSC Malaysia Research & Development Grant Scheme (MGS)
- 2009 - 2011** The ICT Social Inclusion among Orang Asli Community in Gombak Area
- 2009 - 2010** IT Outsourcing Competencies and Relationship Exchange as Determinants of Success in Malaysia.
- 2008 - 2012** The Impact of Client Vendor Relationship on IT offshore outsourcing in Malaysia
- 2007 - 2011** Modeling G2C Adoption of E-Government in Developing Countries: Cultural Issues, Trust and Acceptance Factors. The Malaysian case.
- 2007 - 2011** Digital Divide & Information Technology Industry Development in Malaysia
- 2006 - 2007** Development of new academic program (Executive postgraduate Diploma in Protective Security Management)
- 2006 - 2009** The Supply-Side of ICT Outsourcing: The Malaysia Window

المنشورات

Article

- 2019** [The role of quality factors on learning management systems adoption from instructors' perspectives.](#) The Online Journal of Distance Education and e-Learning (TOJDEL) , 7 (2) pp.133-150
- 2019** [Factors affecting instructors' adoption of learning management systems: The case of Palestine.](#) Journal of Theoretical and Applied Information Technology , 97 (2) pp.553-550
- 2018** [The information system project profiles among universities in Indonesia.](#) Indonesian Journal of Electrical Engineering and Computer Science , 12 (2) pp.865-872
- 2018** [Can ICT reduce poverty and unemployment and elevate development integrating micro, small, and medium enterprises in Bangladesh? - sharing Asian experiences.](#) International Journal of Engineering and Management Research , 8 (4) pp.168-174
- 2018** [Can technological, organizational and individual antecedents together optimize knowledge sharing for establishing institutional innovation capabilities?.](#) International Journal of Engineering and Management Research pp.186-192
- 2017** [Antecedents to effective e-learning among selected secondary schools in Malaysia.](#) Ilorin Journal of Computer Science and Information Technology , 2 (1)
- 2017** [Introducing learner infrastructural capabilities into information systems success model using e-learning.](#) University of Sindh Journal of Information and Communication Technology , 1 (1) pp.8-16
- 2017** [Managers perceptions towards the success of E-performance reporting system.](#) TELKOMNIKA (Telecommunication Computing Electronics and Control) , 15 (3) pp.1389-1396

- 2016** [A comprehensive adoption model of M-Government services among citizens in developing countries.](#) Journal of Theoretical and Applied Information Technology , 90 (1) pp.49-60
- 2016** [The user satisfaction perspectives of the information system projects.](#) Indonesian Journal of Electrical Engineering and Computer Science , 4 (1) pp.215-223
- 2016** [A coherent framework for understanding the success of an information system project: a revised version.](#) Telkomnika (Telecommunication Computing Electronics and Control) , 14 (1) pp.302-308
- 2016** [Measurement of the information system project success of the higher education institutions in Indonesia: A pilot study.](#) International Journal of Business Information Systems , 23 (2) pp.229-247
- 2015** [Measurement of information system project success based on perceptions of the internal stakeholders.](#) International Journal of Electrical and Computer Engineering (IJECE) , 5 (2) pp.271-279
- 2015** [Influences of the input factors towards the success of an information system project.](#) Telkomnika (Telecommunication Computing Electronics and Control) , 13 (2) pp.686-693
- 2015** [Reliability and validity of a questionnaire to evaluate diabetic patients' intention to adopt health information technology: a pilot study.](#) Journal of Theoretical and Applied Information Technology , 72 (2) pp.253-264
- 2015** [Factors affecting knowledge sharing on innovation in the higher education institutions \(HEIs\).](#) ARPN Journal of Engineering and Applied Sciences , 10 (23) pp.18200-18210
- 2015** [A comprehensive adoption model of M-government services among citizens in developing countries.](#) ARPN Journal of Engineering and Applied Sciences , 10 (23) pp.1-10
- 2015** [Review of knowledge management in higher education.](#) International Journal of Science and Research (IJSR) , 4 (11) pp.2062-2065
- 2015** [An overview of patient acceptance of health information technology in developing countries: a review and conceptual model.](#) International Journal of Information Systems and Project Management , 3 (1) pp.29-48
- 2015** [Validation of information system project success model: a focus group study.](#) SAGE Open pp.1-14
- 2015** [Information security awareness at the knowledge-based institution: its antecedents and measures.](#) Procedia Computer Science , 72 pp.361-373
- 2014** [Intelligent IT governance decision-making support framework for a developing country's public university.](#) Intelligent Decision Technologies , 8 pp.131-146
- 2014** [Information technology enhances students' academic performance: a case Of University Of Ilorin.](#) The Online Journal of Distance Education and e-Learning , 2 (2) pp.15-20
- 2014** [Implementation of input-process-output model for measuring information system project success.](#) TELKOMNIKA Indonesian Journal of Electrical Engineering , 12 (7) pp.5603-5612

- 2014** [User acceptance of Health Information Technology \(HIT\) in developing countries: a conceptual model.](#) Procedia Technology , 16 pp.1287-1296
- 2014** [An alternative method for determining critical success factors of information system project.](#) Telkomnika (Telecommunication Computing Electronics and Control) , 12 (3) pp.665-674
- 2013** [Service value co-creation in research & innovation practices in higher education institutions in Malaysia.](#) Procedia Technology , 11 pp.342-347
- 2013** [Combining grounded theory and case study methods in IT outsourcing study.](#) Journal of Information Systems Research and Innovation , 4 pp.84-93
- 2013** [Moving toward e-business: customer relationship management alignment in Malaysian small business.](#) International Journal of eBusiness and eGovernment Studies , 5 (2) pp.112-121
- 2013** [Internet usage and personality traits: finding relationship in learning institution.](#) Transnational Journal of Science and Technology , 3 (3) pp.1-13
- 2012** [Examining information disclosure behavior on social network sites using protection motivation theory, trust and risk.](#) Journal of Internet Social Networking & Virtual Communities pp.1-11
- 2012** [Towards successful improvement of students' residential management processes using the enterprise architecture maturity model.](#) World of Computer Science and Information Technology Journal (WCSIT) , 2 (1) pp.29-37
- 2012** [Information security and mutual trust as determining factors for information technology outsourcing success.](#) African Journal of Business Management , 6 (1) pp.103-110
- 2012** [Information technology risk management: the case of the International Islamic University Malaysia.](#) Journal of Information Systems Research and Innovation , 1 pp.58-67
- 2010** [Toward e-business: factors linking information technology adoption in Malaysian software firms.](#) The E-Business Review , x pp.102-106
- 2010** [G2C adoption of e-government in Malaysia: trust, perceived risk and political self-efficacy .](#) International Journal of Electronic Government Research , 6 (3) pp.57-72
- 2010** [The Malaysia IT Outsourcing industry skill-sets requirements of future IT graduates.](#) WSEAS Transactions on Computers , 9 (7) pp.738-747
- 2010** [E-government application: an integrated model on G2C adoption of online tax.](#) Transforming Government: People, Process and Policy , 5 (3) pp.225-248
- 2010** [Integrating thin client solution in human-computer interaction study.](#) WSEAS Transactions on Information Science and Applications , 7 (6) pp.809-818
- 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** [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

2008 [Outcome based education performance measurement: A Rasch-based longitudinal assessment model to measure information management courses LO's.](#) WSEAS Transactions on Information Science and Applications , 5 (3) pp.292-299

2007 [The influence of organizational factors on information systems success in e-government agencies in Malaysia.](#) The Electronic Journal on Information Systems in Developing Countries , 29 (1) pp.1-17

Conference or Workshop Item

2019 [Exploring staff perception of InfoSec policy compliance: Palestine Universities empirical study.](#) In: **1st International Conference of Intelligent Computing and Engineering (ICOICE 2019)**

2019 [Information security policy perceived compliance among staff in Palestine universities: An empirical pilot study.](#) In: **2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT)**

2018 [Digitalizing bullying: do Nigerian students get cyberbullied?.](#) In: **2018 International Conference on Information and Communication Technology for the Muslim World (ICT4M)**

2018 [E-learning in Iraqi universities: a review.](#) In: **3rd International Conference on Computing, Engineering, and Design, ICCED 2017**

2018 [Towards an integrated framework of e-learning through an international innovative collaboration: Iraqi perspective.](#) In: **3rd International Conference on Computing, Engineering, and Design, ICCED 2017**

2017 [Investigating factors affecting knowledge management and sharing on innovation in universities: pilot study.](#) In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M)**

2016 [Investigating factors affecting knowledge management and sharing on innovation in universities: pilot study.](#) In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2016)**

2016 [Re-emphasizing the dimensions and impacts of complementary IT resources through governance.](#) In: **6th International Conference on Information and Communication Technology for The Muslim World (ICT4M)**

2016 [Factors determining effectiveness of e-learning in secondary schools.](#) In: **The 1st International Conference on IEEE Nigeria Computer Chapter**

2016 [Factors affecting instructors' adoption of learning management systems: A theoretical framework.](#) In: **6th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2016)**

2016 [Factors affecting instructors' adoption of learning management systems: A theoretical framework.](#) In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2016)**

2016 [Factors affecting instructors' adoption of learning management systems: a theoretical framework.](#) In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2016)**

- 2014 [Exploring academics' knowledge sharing intention on institutional innovation capability.](#) In: **The 7th International Conference on Innovation and Knowledge Management in Asia Pacific (IKMAP 2014)**
- 2014 [Understanding citizen's intention to use mobile government services in Bangladesh: role of perceived good governance and less corruption.](#) In: **International Conference on Governance and Innovation**
- 2014 [Issues of E-learning in developing countries: a Nigerian perspective.](#) In: **5th International Conference on Information & Communication Technology for The Muslim World (ICT4M 2014)**
- 2014 [User acceptance of Health Information Technology \(HIT\) in developing countries: A literature review.](#) In: **HCIST 2014 - International Conference on Health and Social Care Information Systems and Technologies**
- 2013 [IT outsourcing as an innovative strategy for economic advancement: lessons from Malaysia.](#) In: **The 4th International Conference on Information & Communication Technology for the Muslim World (ICT4M)**
- 2013 [Value creation drivers in SOA for research & innovation: A proposed framework for HEI context.](#) In: **3rd International Conference on Research and Innovation in Information Systems 2013 (ICRIIS'13)**
- 2013 [A coherent framework for understanding critical success factors of ICT project environment.](#) In: **3rd International Conference on Research and Innovation in Information Systems - 2013 (ICRIIS'13)**
- 2013 [Role of governance, ethics and integrity in managing information technology resources: Muslim practitioner's view.](#) In: **The 4th International Conference on Information & Communication Technology for the Muslim World (ICT4M)**
- 2012 [Social network sites: information disclosure, perceived vulnerability, privacy concerns and perceived benefits.](#) In: **IADIS International Conference Information Systems 2012**
- 2012 [Privacy concern on social network sites: the role of protection motivation, trust and risk.](#) In: **18th IBIMA Conference**
- 2012 [A conceptual model of customer relationship management alignment.](#) In: **IADIS International Conference Information Systems 2012**
- 2012 [Modeling the impact of information technology governance effectiveness using partial least square.](#) In: **2012 International Conference on Statistics in Science, Business, and Engineering (ICSSBE)**
- 2012 [An empirical study on the risk management strategies IT outsourcing in Malaysia public sector.](#) In: **3rd International Conference on Information Management and Evaluation (ICIME) 2012**
- 2012 [The importance and effectiveness of information technology governance practices: A Malaysian private organizations perspective.](#) In: **3rd International Conference on Information Management and Evaluation (ICIME) 2012**
- 2011 [A confirmatory factor analysis of the information technology governance effectiveness: evidence from Malaysia.](#) In: **International Conference on Research and Innovation in Information Systems**

- 2011 [Implication of human attitude factors toward information security: awareness in Malaysia Public University.](#) In: **International Conference on Innovation and Management (IAM 2011)**
- 2011 [The ICT social inclusion among Orang Asli community in Gombak area.](#) In: **International Conference on Research and Innovation in Information Systems**
- 2011 [Understanding ITO decisions and implementations in Malaysia public healthcare sector: the evidence from a pilot case study.](#) In: **2nd International Conference on Research and Innovation in Information Systems (ICRIIS'11)**
- 2011 [Analysis of project communication on smart card implementation in XYZ Malaysian higher education.](#) In: **International Management Conference 2011 Proceedings**
- 2011 [Information security awareness in university: maintaining learnability, performance and adaptability through roles of responsibility.](#)
- 2011 [Information security awareness in university: maintaining learnability, performance and adaptability through roles of responsibility.](#)
- 2010 [Conceptual architecture design and configuration of thin client system for schools in Malaysia: a pilot project.](#) In: **The 4th International Symposium on Information Technology**
- 2010 [Conceptual architecture design and configuration of thin client system for schools in Malaysia: a pilot project.](#) In: **The 4th International Symposium on Information Technology**
- 2010 [Modeling E-Government adoption: trust, perceived risk and political efficacy.](#) In: **IUUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2010 [Configuring thin client solution for Orang Asli community in Malaysia.](#) In: **9th WSEAS International Conference on APPLICATIONS of COMPUTER ENGINEERING**
- 2010 [An integrated model on online tax adoption in Malaysia.](#) In: **European, Mediterranean & Middle Eastern Conference on Information Systems (EMCIS) 2010**
- 2009 [G2C acceptance in Malaysia: trust, perceived risk and political efficacy.](#) In: **Third International Symposium on Innovation and Information and Communication Technology (ISIICT 2009)**
- 2009 [In search of a model to explain digital divide in information technology organizations.](#) In: **Seminar Kebangsaan E-Komuniti**
- 2009 [A descriptive analysis of IT adoption in Malaysian small software firms.](#) In: **2nd IEEE International Conference on Computer Science and Information Technology (ICCSIT)**
- 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 [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**
- 2009 [Modeling G2C adoption in developing country: A case study of Malaysia.](#) In: **Fifteenth Americas Conference on Information Systems**
- 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 [The supply-side IT outsourcing competencies and relationship exchange in Malaysia.](#) In: **The 7th WSEAS International Conference on E-Activities (E-Activities `08)**
- 2008 [The supply-side IT outsourcing competencies and relationship exchange in Malaysia.](#) In: **The 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

- 2019 [Information literacy for the digital age.](#) Ilorin Press . ISBN 978-978-57101-5-1
- 2017 [Factors contributing to E-learning success in Nigeria institutions of higher learning.](#) IIUM Press . ISBN 978-967-418-686-9
- 2017 [Factors affecting value co-creation effectiveness in digital library service quality.](#) IIUM Press . ISBN 978-967-418-679-1
- 2017 [Health information technology acceptance model: a study on diabetic patients perspective in Nigeria.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-674-6
- 2017 [Factors affecting knowledge sharing intention on innovation capabilities among faculty members of selected public universities in Malaysia and Bangladesh.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-684-5
- 2005 [Managing IT innovation: a study of information technology implementations in Malaysian banks.](#) ProQuest LLC 2013

Book Section

- 2019 [Internet resource and usage.](#) In: **Information Literacy for Digital Age: A Book of Readings** Ilorin Press . ISBN 978-978-57101-5-1 , pp.45-54
- 2019 [Internet resource and usage.](#) In: **Information Literacy for Digital Age: A Book of Readings** Ilorin Press . ISBN 978-978-57101-5-1 , pp.45-54
- 2019 [Internet resource and usage.](#) In: **Information Literacy for Digital Age: A Book of Readings** Ilorin Press . ISBN 978-978-57101-5-1 , pp.45-54
- 2019 [Internet resource and usage.](#) In: **Information Literacy for Digital Age: A Book of Readings** Ilorin Press . ISBN 978-978-57101-5-1 , pp.45-54
- 2014 [IT governance in a Malaysian public institute of higher learning and intelligent decision making support system solution.](#) In: **Engineering and management of IT-based service systems intelligent systems** Springer Berlin Heidelberg . ISBN 9783642399282 (O), 9783642399275 (P) , pp.19-33
- 2011 [Understanding components of IT risks and enterprise risk management.](#) In: **Risk Management / Book 1** InTech - Open Access Publisher . ISBN 979-953-307-232-5
- 2011 [Course advisor system.](#) In: **The Web : Its Utilisation, Evaluation and Security** IIUM Press . ISBN 978-967-418-112-3 , pp.91-104
- 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