

MOHAMAD FAUZAN BIN NOORDIN



- KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
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المؤهل العلمي

- Doctor of Philosophy in Information Technology
- Master of Business Administration
- Bachelor in Computer Science
- American. Associate. Degree

مسؤوليات التدريس

FINAL YEAR PROJECT 1	2005/2006
FINAL YEAR PROJECT I	2003/2004 2004/2005 2006/2007 2007/2008 2008/2009 2009/2010 2011/2012 2013/2014 2015/2016 2019/2020
FINAL YEAR PROJECT II	2004/2005 2006/2007 2008/2009 2011/2012 2013/2014 2016/2017 2019/2020
INDUSTRIAL ATTACHMENT	2010/2011 2011/2012 2013/2014 2014/2015 2015/2016
INFORMATION RESOURCE & STRATEGIC MANAGEMENT	2001/2002 2002/2003 2003/2004
INFORMATION RESOURCE MGT & STRATEGY	1993/1994
INFORMATION TECHNOLOGY	1990/1991 1991/1992 1992/1993 1997/1998
INTRODUCTION TO INFORMATION TECHNOLOGY	1991/1992
ISLAMIC WORLDVIEW ON ICT AND SOCIETY	2017/2018 2018/2019 2019/2020
ISLAMIC WORLDVIEW ON IT AND SOCIETY	2018/2019 2019/2020
ISLAMIC WORLDVIEW, IT AND SOCIETY	2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
IT AND ISLAM	2005/2006 2006/2007 2007/2008 2008/2009 2009/2010 2013/2014 2014/2015 2015/2016 2016/2017
KNOWLEDGE MANAGEMENT	2008/2009 2009/2010 2011/2012 2012/2013 2016/2017 2017/2018
KNOWLEDGE MANAGEMENT PRINCIPLES AND PRACTICES	2017/2018 2018/2019 2019/2020

MANAGEMENT INFORMATION SYSTEM	1991/1992 1992/1993 1993/1994 1998/1999 1999/2000 2000/2001 2001/2002 2006/2007 2007/2008 2011/2012
PRACTICAL TRAINING	2006/2007 2008/2009 2010/2011
PRINCIPLES AND PRACTICE OF MANAGEMENT	1991/1992
SEMINAR IN IT	2014/2015

المشاريع البحثية

In Progress

- 2019 - Present** An Integrated Persuasive Behaviour Change Framework based on Maqasid Al-Shariah for Municipal Solid Waste (MSW) Disposal in Urban Community
- 2018 - Present** Information Dissemination Model for Muslim Scholars on Cryptocurrencies
- 2017 - Present** Sya-riah-based Asset-backed Blockchain and Cryptocurrencies
- 2015 - Present** ESTABLISHMENT OF THE SEMANTIC BODY OF KNOWLEDGE AND TECHNOLOGY
- 2015 - Present** Semantic Body of Knowledge and Testing (SBKT)
- 2015 - Present** A Model for Islamic istilahNet in Malay Manuscripts for Big Data Analytics and Liguistic Consortium

Completed

- 2018 - 2018** Knowledge Management from Islamic Perspective
- 2018 - 2018** Knowledge Management from Islamic Perspective
- 2015 - 2019** A Model for Islamic istilahNet in Malay Manuscripts for Big Data Analytics and Liguistic Consortium
- 2013 - 2018** Voice Recognition Model for Recitation of the Holy Quran
- 2013 - -1** IT Audit for Obeikan Investment Group
- 2012 - 2015** WiSeMantiQ: Wisdom and Semantic Based Search for Quranic Information on the web
- 2012 - 2015** Logico-Semantic Framework for Search Engines
- 2012 - 2016** Self-Help Maqam-Based Search System
- 2011 - 2014** RU 2011: My Family System: Extending Experts For Consultation On Family Relationships Based On CRM Analytic Model

- 2009 - -1** Bridging Gender Digital Divide workshop for NAM member.
- 2009 - 2015** Visualising a Discipline and its Ontology:A Co-citation Analysis for Islamic Finance 1980s-2009
- 2009 - 2013** Knowledge Management from the Islamic Perspective.
- 2008 - 2009** Semantic - Based Multilingual Search and Retrieval System
- 2007 - 2010** Thematic-Arrangement and Kalimah-Based Thesaurus for Quranic Texts

المنشورات

Article

- 2019** [A Semantic Ontology for Disaster Trail Management System.](#) International Journal of Advanced Computer Science and Applications , 10 (10) pp.77-90
- 2019** [Users perception of cryptocurrency system application from the Islamic views.](#) International Journal on Islamic Applications in Computer Science And Technology , 7 (1) pp.13-25
- 2018** [Knowledge management practice in private sector: building the way for Saudi Arabia strategic growth and transformation to knowledge-based economy.](#) International Journal of Engineering and Technology (UAE) , 7 (2.34 (Special issue 34)) pp.69-73
- 2018** [Approach for successful knowledge management system deployment for organizations.](#) International Journal of Engineering and Technology (UAE) , 7 (2.34 (Special issue 34)) pp.74-78
- 2017** [KIIPF - An integrated inter-operable knowledge management process framework for healthcare: Implementation in Pakistani healthcare industry.](#) Journal of Cases on Information Technology , 19 (3) pp.24-41
- 2017** [A synthesis on SWOT analysis of public sector healthcare knowledge management information systems in Pakistan.](#) (IJACSA) International Journal of Advanced Computer Science and Applications , 8 (8) pp.130-136
- 2017** [An exploratory qualitative study to identify factors affecting requirements elicitation and fact finding while developing health care knowledge management systems in Pakistan.](#) Science International (Lahore) , 29 (3 (May-June) Section B) pp.633-639
- 2017** [A social semantic web based conceptual architecture of disaster trail management system.](#) (IJACSA) International Journal of Advanced Computer Science and Applications , 8 (4) pp.270-275
- 2017** [A review and analysis for a hierarchy from computational hadith to isnad authenticity examination.](#) International Journal on Islamic Applications in Computer Science And Technology , 5 (3) pp.46-60
- 2016** [Constructing an ontology-based and graph-based knowledge representation of English Quran.](#) Jurnal Teknologi (Sciences and Engineering) , 78 (8-2) pp.35-41

- 2016** [A finite state model for a self-help system based on minhaj 'al Abidin.](#) Research Journal of Applied Sciences , 11 (6) pp.345-351
- 2015** [Automatic knowledge base constructor for Al-Quran retrieval system.](#) International Journal on Islamic Applications in Computer Science And Technology , 3 (1) pp.1-7
- 2015** [Green computing: The importance of sustaining the peopeware.](#) International Journal of Green Computing , 6 (1) pp.33-39
- 2015** [Modeling the relationship between human intelligence, knowledge management practices, and innovation performance.](#) Journal of Information & Knowledge Management , 14 (1) pp.1-6
- 2015** [Knowledge exploration: selected works on Quran ontology development.](#) Journal of Theoretical and Applied Information Technology , 72 (3) pp.385-393
- 2015** [Ontology matching: in search of challenges ahead.](#) Journal of Theoretical and Applied Information Technology , 74 (2) pp.140-148
- 2015** [Data recording, data retrieval and the big data phenomenon: A Quranic perspective.](#) International Journal of Information and Communication Technology Research , 5 (9) pp.1-5
- 2014** [Big data storage, collection, & protection with Islamic perspective.](#) International Journal of Science and Research (IJSR) , 3 (2) pp.2588-2589
- 2013** [Customer relationship management approach for MyFamily system: a framework.](#) Middle-East Journal of Scientific Research , 15 (9) pp.1249-1254
- 2013** [Investigating key success factors in adopting knowledge management system.](#) World Applied Sciences Journal (WASJ) , 21 (2) pp.221-229
- 2012** [The current state of information management and knowledge management in the Malaysian construction industry.](#) Australian Journal of Basic and Applied Sciences , 6 (6) pp.138-145
- 2012** [Kid website assessment using knowledge discovery .](#) International Journal of Business and Social Science , 3 (3) pp.257-260
- 2011** [Developing and validating an instrument for measuring m-commerce adoption: an exploratory analysis.](#) International Journal of Network and Mobile Technologies , 20 (Sp.) pp.1-8
- 2010** [The adoption of mobile commerce in Malaysia: an exploratory study on the extension of theory of planned behavior.](#) Journal of Business Analyst , 31 (1) pp.1-30
- 2010** [The prospects and user perceptions of m-banking in the Sultanate of Oman.](#) Journal of Internet Banking and Commerce , 15 (2) pp.1-11
- 2003** [Managing urban development process by using spatial information system: a case study of i-space.](#) Journal of the Malaysian Institute of Planners , 1 pp.71-92

Conference or Workshop Item

- 2018** [Ontology matching: a case of English translation of Al-Quran tafsir.](#) In: **2018 International Conference on Information and Communication Technology for the Muslim World (ICT4M)**

- 2018 [Social media and knowledge management disruptive technology](#). In: **Knowledge Management International Conference (KMICe) 2018**
- 2018 [Knowing what you know about your faith an interactive application for measuring your faith in Islam](#). In: **International Conference on Information and Communication Technology for the Muslim World, ICT4M 2018**
- 2018 [Towards developing comprehensive business intelligence maturity model for Malaysian Public sector: application of mixed methodology](#). In: **2018 Fourth International Conference on Information Retrieval and Knowledge Management (CAMP)**
- 2016 [System architecture conceptual for applying Malik Bennabi's ruler on intellectual property of Islamic finance and banking](#). In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2016)**
- 2016 [Technology and performance: Carbon Nanotube \(CNT\) Field Effect Transistor \(FET\) in VLSI circuit design](#). In: **IEEE 7th Annual Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON)**
- 2016 [Isnad Al-hadith computational authentication: An analysis hierarchically](#). In: **6th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2016)**
- 2016 [SAO extraction on patent discovery system development for Islamic finance and banking](#). In: **6th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2016)**
- 2016 [System architecture for applying Malik Bennabi's ruler on intellectual property of Islamic finance and banking](#). In: **6th International Conference on Information and Communication Technology for the Muslim World (ICT4M 2016)**
- 2016 [Structure extraction and keyword-based filtering for applying Malik Bennabi's ruler on intellectual property of Islamic finance and banking](#). In: **4th International Conference on Islamic Applications in Computer Science and Technologies (IMAN 2016)**
- 2016 [A comprehensive knowledge management process framework for healthcare information systems in healthcare industry of Pakistan](#). In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2016)**
- 2016 [Impacts of organizational culture, support and IT infrastructure on knowledge management success: an imperial study in Islamic country, Saudi Arabia](#). In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2016)**
- 2014 [Personal learning environment framework for a self-help Maqam-based search system](#). In: **The 5th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2014)**
- 2014 [The effect of IQ vs. EQ on knowledge management and innovation](#). In: **2014 The 5th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2014)**

- 2013 [Development of Al-Mu'awwidhah computing for personal data protection against abnormal attacks.](#) In: **The 4th International Conference on Information & Communication Technology for the Muslim World (ICT4M)**
- 2012 [Logical-linguistic semantic in search engine.](#) In: **14th WSEAS Conference on Mathematical Methods, Computational Techniques and Intelligent Systems (MAMECTIS'12)**
- 2011 [Peopleware & heartware - The philosophy of knowledge management.](#) In: **2011 International Conference on Research and Innovation in Information Systems, ICRIS'11**
- 2011 [Factors influencing the adoption of m-commerce: an exploratory analysis.](#) In: **2011 International Conference on Industrial Engineering and Operations Management**
- 2011 [Business metadata with the STA data modelling technique.](#) In: **2011 International Conference on Electrical Engineering and Informatics (ICEEI)**
- 2010 [The prospects and user perceptions of m-banking in the Sultanate of Oman.](#) In: **2010 International Conference on Emerging Paradigms and Practices in Business Management & Technology**
- 2010 [The adoption of mobile commerce in the Klang Valley of Malaysia: an empirical study.](#) In: **The 2nd International Conference on Applied Business and Economics (ICABE 2010)**
- 2009 [Factors influencing the adoption of m-commerce: a literature review.](#) In: **The 1st International Conference on Applied Business and Economics**
- 2008 [Structuring the competencies for Knowledge Management Executive Program.](#) In: **International Conference on Knowledge Management**
- 2008 [The implementation of m-commerce in the Sultanate of Oman: trends and issues.](#) In: **ETEC 2008: E_Technologies & Environment**
- 2006 [An information retrieval system for Quranic texts: a proposed system design.](#) In: **IEEE International Conference on Information Communication Technologies: From Theory to Applications**
- 2002 [Spatial information system as a tool in managing urban development process.](#) In: **18th EAROPH World Planning Congress**

Book

- 2017 [Identification of knowledge management requirements in Bahraini schools.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-691-3
- 2017 [Modelling the relationship between intelligence, knowledge management and innovation among knowledge workers in Malaysia.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-698-2
- 2011 [Cases in knowledge management & information retrieval.](#) IIUM Press . ISBN 9789674180508
- 2009 [ICT and Islam.](#) IIUM Press . ISBN 9789675272219

2005 [Pengurusan dalam Islam: menghayati prinsip dan nilai murni.](#) Akademi Pengurusan YPEIM . ISBN 983-41095-3-9

Book Section

2017 [Islamic ethics in ICT.](#) In: **Ethics & fiqh for everyday life** The International Institute of Islamic Thought (East and South East Asia) & International Islamic University Malaysia . ISBN 978-967-14480-9-0 , pp.302-320

2012 [Logical-linguistic semantic in search engine.](#) In: **Mathematical Models and Methods in Modern Science** WSEAS Press . ISBN 978-1-61804-106-7 , pp.221-225

2011 [Research model and framework for the support of humanitarian assistance/disaster relief in Malaysia.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.173-177

2011 [Knowledge management: interpretation from qur'anic verses.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.11-32

2011 [Managing tacit knowledge among knowledgeable workers.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.33-38

2011 [Beyond knowledge sharing: software piracy from Islamic perspective.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.41-51

2011 [Knowledge management and knowledge sharing: a literature study.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.53-60

2011 [IslamicGRID and knowledge management.](#) In: **Collaboration, communities, well-being and information system** IIUM Press . ISBN 9789674181024 , pp.29-37

2011 [Towards knowledge society in Malaysia: characteristics, trends and challenges.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.389-411

2011 [Knowledge management initiative in International Islamic University of Malaysia \(IIUM\).](#) In: **Collaboration, communities, well-being and information system** IIUM Press . ISBN 9789674181024 , pp.18-28

2011 [Knowledge management strategies to encourage knowledge sharing in Maldives.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.61-73

2011 [Queen of sheba.](#) In: **Project on Islamic edutainment and Islamic systems** IIUM Press . ISBN 9789674181048 , pp.15-18

2011 [A case study on strategies to encourage knowledge sharing in Maldives.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.75-84

2011 [Knowledge sharing: state of the art.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.85-92

2011 [Knowledge sharing using semantic web.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.115-123

- 2011 [Research methodology for knowledge sharing behaviour in organization.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.93-100
- 2011 [Knowledge management from Islamic perspective: a focus on knowledge acquisition, sharing and application.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.101-113
- 2011 [Roles of knowledge management in ensuring the quality of higher education.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.127-134
- 2011 [Knowledge management software in organization.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.135-144
- 2011 [The key elements of knowledge management system in NGOs.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.179-183
- 2011 [Proposed solution and discussion for implementing knowledge management system in NGOs.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.185-194
- 2011 [Information technology approaches to knowledge management in various organizations.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.195-210
- 2011 [Non government organizations and knowledge management: state of the art.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.145-150
- 2011 [Information technology with knowledge management: the challenges and the benefits.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.211-224
- 2011 [Cross organizational knowledge repository framework for management consulting firms.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.235-255
- 2011 [Knowledge management system as the combating tool of cybercrime on organizations.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.257-269
- 2011 [Islamic management : a citation analysis.](#) In: **Issues in Islamic Management : Theories and Practices** IIUM Press . ISBN 978-967-5272-81-3 , pp.38-52
- 2011 [Implication of knowledge management in disaster recovery: in Malaysian context.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.271-282
- 2011 [Integration of knowledge management in human resources management activities.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.283-301
- 2011 [Islam and knowledge management in enterprise based on social network.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.305-316

- 2011 [Aikido portal](#). In: **Project on Islamic Edutainment and Islamic Systems** IIUM Press . ISBN 9789674181048 , pp.113-116
- 2011 [Social media as a knowledge management tool: the use, potential and challenges](#) . In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.317-329
- 2011 [Kids website suitability assessment: knowledge discovery to investigate the appropriate features](#). In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.331-337
- 2011 [Background of knowledge management in non government organizations](#). In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.151-156
- 2011 [Challenges of Islamic edutainment and systems](#). In: **Project on Islamic Edutainment and Islamic Systems** IIUM Press . ISBN 9789674181048 , pp.144-147
- 2011 [The role of data mining and knowledge management in classification the content of kids website](#). In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.339-345
- 2011 [My-AKSARA: Literacy Project in Malaysia \(LPIM\) using cloud computing](#). In: **Collaboration, communities, well-beings and information systems** IIUM Press . ISBN 9789674181024 , pp.128-137
- 2011 [Future direction of Islamic edutainment and systems](#). In: **Project on Islamic Edutainment and Islamic Systems** IIUM Press . ISBN 9789674181048 , pp.148-152
- 2011 [Kids website suitability: proposing knowledge management assessment methodology](#). In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.347-354
- 2011 [Knowledge management best practices](#). In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.1-6
- 2011 [Organizational learning](#). In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.7-12
- 2011 [Knowledge portal](#). In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.13-17
- 2011 [Culture in community of practices \(CoPs\)](#). In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.19-23
- 2011 [Knowledge management strategic plan](#). In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.25-30
- 2011 [The application of knowledge management for e-learning to distribute Islamic knowledge and fatwa](#). In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.355-363
- 2011 [Critical knowledge sharing](#). In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.31-36

- 2011 [Knowledgeable employees.](#) In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.37-42
- 2011 [Lesson learned.](#) In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.43-47
- 2011 [IT to support Muslim's small and medium enterprise: toward knowledge based economy in Saudi.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.365-373
- 2011 [Extrinsic & intrinsic motivations.](#) In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.49-53
- 2011 [Storytelling.](#) In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.55-58
- 2011 [An overview of semantic web technologies.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.375-379
- 2011 [Implementation of knowledge management system for the support of non government organizations: research model & framework.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.157-163
- 2011 [Search engine.](#) In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.86-90
- 2011 [Quranic search.](#) In: **Cases in knowledge management & information retrieval** IIUM Press . ISBN 9789674180508 , pp.109-114
- 2011 [Knowledge management system for disaster case.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.165-171
- 2011 [Knowledge capture in islam.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.1-10
- 2011 [Overview of knowledge society in Malaysia.](#) In: **Issues in knowledge management** IIUM Press . ISBN 9789674180874 , pp.383-388
- 2009 [Ethical requirement in quality software engineering projects.](#) In: **Ethics of Engineering Education** IIUM Press . ISBN 9789833855674 , pp.43-51