

# JAMALUDIN BIN IBRAHIM



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

- M.Sc
- B.Sc

## TEACHING RESPONSIBILITIES

BUSINESS CONTINUITY & DISASTER RECOVERY	2013/2014 2014/2015 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
BUSINESS CONTINUITY AND DISASTER RECOVERY	2015/2016 2019/2020
CYBER LAW & ETHICS	2009/2010 2010/2011
CYBERSECURITY CHALLENGES, POLICY AND STRATEGY	2018/2019 2019/2020 2020/2021
DISSERTATION	2014/2015
FINAL YEAR PROJECT 1	2019/2020
FINAL YEAR PROJECT I	2009/2010 2010/2011 2011/2012 2012/2013 2014/2015 2016/2017 2017/2018 2020/2021
FINAL YEAR PROJECT II	2010/2011 2011/2012 2012/2013 2013/2014 2015/2016 2016/2017 2017/2018 2019/2020
INDUSTRIAL ATTACHMENT	2010/2011 2014/2015 2015/2016
INFORMATION SECURITY	2010/2011 2011/2012
INFORMATION SECURITY STRATEGY & POLICY	2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2016/2017 2017/2018 2018/2019
INFORMATION SYSTEMS FOR MANAGERS	2014/2015
INFORMATION TECHNOLOGY	2009/2010
INFORMATION TECHNOLOGY FOR PROFESSIONAL PRACTICE	2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018
IT PROFESSIONAL PRACTICES	2017/2018 2018/2019
MOBILE COMMUNICATION	2015/2016

PHYSICAL PROTECTIVE SECURITY	2013/2014
PRACTICAL TRAINING	2009/2010 2010/2011
PROJECT & CHANGE MANAGEMENT	2010/2011 2011/2012
TECHNOPRENEURSHIP	2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021

## RESEARCH PROJECTS

### In Progress

**2016 - Present** Cybersecurity Capability Maturity Model based on Maqasid al Shari'ah (MS-C2M2)

**2008 - Present** Intelligent Cyberspace Security

### Completed

**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

## PUBLICATIONS

### Article

- 2020** [Redesign business model options for "University of the Future" and staying relevant in the fourth industrial revolution age.](#) Journal of Information Systems and Digital Technologies (JISDT) , 2 (1) pp.47-59
- 2019** [The case study of Emergency Response Plan \(ERP\) implementation during the Malaysia Airlines \(MAS\) flight MH370 disappearance.](#) Malaysian Journal of Computing , 4 (2) pp.270-277
- 2018** [Redesigning the University of the Future \(UoF\) through humanizing education and industry revolution 4.0.](#) International Journal of Interdisciplinary Research and Innovations, , 6 (4 (October-December)) pp.464-472
- 2017** [Cyberterrorism definition patterns and mitigation strategies: A literature review.](#) International Journal of Science and Research (IJSR) , 6 (1) pp.180-186
- 2016** [Big data and its impact on IT consultancy.](#) International Journal of Computer Science and Information Technology Research , 4 (2 (April-June)) pp.211-216
- 2016** [Critical infrastructure protection of ICT in Muslim world.](#) International Journal of Science and Research (IJSR) , 5 (12) pp.325-329

- 2016** [Cyber risk management for wireless communication in organization.](#) International Journal of Scientific and Research Publications , Volume 6 (Issue 1) pp.403-407
- 2016** [How IT can enhance professional practice with regards to smart-phones and social networks?.](#) International Journal of Management and Commerce Innovations , Vol. 4 (Issue 1) pp.211-214
- 2016** [Information security for professional counseling in organization.](#) International Journal of Management and Commerce Innovations , 4 (1 (April-September)) pp.167-173
- 2016** [Issues and security measures of mobile banking apps.](#) International Journal of Scientific and Research Publications , 6 (1) pp.36-41
- 2015** [The role of IT consulting practice: a successful enterprise mobility solution .](#) International Journal of Management and Commerce Innovations , 3 (1) pp.197-203
- 2015** [The knowledge management strategies used as a tool within and through strategic consulting firms to increase the organisational performance .](#) International Journal of Scientific and Research Publications , 5 (2) pp.1-5
- 2015** [Comparison of Business Model Canvas \(BMC\) among the three consulting companies .](#) International Journal of Computer Science and Information Technology Research , 3 (2) pp.462-471
- 2015** [Potential use of data mining techniques in information technology consulting operations .](#) International Journal of Scientific and Research Publications , 5 (5) pp.1-4
- 2015** [Cloud computing: cloud adoption in professional practice .](#) International Journal of Science and Research (IJSR) , 4 (5) pp.1532-1536
- 2015** [Information security aligned to enterprise management.](#) Middle East Journal of Business , 10 (1) pp.62-66
- 2015** [Survey on mobile and wireless security awareness: user perspectives.](#) International Journal of Science and Research (IJSR) , 4 (1) pp.1287-1292
- 2015** [How much privacy we still have on social network? .](#) International Journal of Scientific and Research Publications , 5 (1) pp.1-5
- 2015** [Disaster preparedness in universities .](#) International Journal of Computer Trends and Technology (IJCTT) , 19 (1) pp.1-4
- 2015** [Mobile security and privacy in smartphone technology.](#) International Journal of Computer Science and Information Technology Research , 3 (4) pp.345-350
- 2015** [Prevalence of mobile usage among university students: a case study of International Islamic University Malaysia.](#) International Journal of Scientific and Research Publications , 5 (12) pp.655-659
- 2014** [Information security in ICT from an Islamic perspective.](#) International Journal of Science and Research (IJSR) , 13 (12) pp.773-778
- 2014** [Risk management at universities: illegal residents in hostels & fire cases .](#) International Journal of Computer Trends and Technology (IJCTT) , 7 (1) pp.15-20

- 2014** [An overview on cyber security awareness in Muslim countries.](#) International Journal of Information and Communication Technology Research , 4 (1) pp.21-24
- 2014** [Employing information security awareness to minimize over-exposure of average Internet user on social networks.](#) International Journal of Scientific and Research Publications , 4 (1) pp.1-6
- 2014** [Impact of NSA-PRISM to National Information Security Strategy & Policy.](#) International Journal of Information and Communication Technology Research , 4 (1) pp.25-31
- 2014** [Positive impact of smartphone application: whatsapp & facebook for online business.](#) International Journal of Scientific and Research Publications , 4 (12) pp.1-4
- 2014** [Business intelligence as a knowledge management tool in providing financial consultancy services.](#) American Journal of Information Systems , 2 (2) pp.26-32
- 2014** [Persuasive technology contributions toward enhance information security awareness in an organization.](#) International Journal of Computer Trends and Technology (IJCTT) , 10 (4) pp.180-186
- 2013** [A study: cryptology techniques and methodologies.](#) International Journal of Science and Research (IJSR) , 2 (12) pp.352-357
- 2013** [Knowledge management strategies as a competitive advantage for delivering professional e-government services.](#) Journal of Education and Vocational Research , 4 (5) pp.134-138
- 2013** [Combinatoric Drag-Pattern-Graphical-Password \(DPGP\).](#) Journal of Emerging Trends in Computing and Information Sciences , 4 (12) pp.939-943
- 2013** [Steganography: a review of information security research and development in Muslim world.](#) American Journal of Engineering Research (AJER) , 2 (11) pp.122-128
- 2013** [IT security consultancy in Malaysia: hindrances and impacts.](#) Middle East Journal of Business , 8 (3) pp.17-22
- 2013** [Exploring persuasive technology to enhance delivery of professional services.](#) International Journal of Humanities and Social Science , 3 (12) pp.223-228
- 2012** [Impact of parallel projects management .](#) International Journal of Humanities and Social Science , 2 (23) pp.88-91
- 2012** [An investigation into privacy and security in online social networking sites among IIUM students.](#) World of Computer Science and Information Technology Journal (WCSIT) , 2 (2) pp.57-61
- 2012** [Ethical communication in IT project from an Islamic perspective.](#) World of Computer Science and Information Technology Journal , 2 (4) pp.142-146
- 2012** [Improving information security in e-banking by using biometric fingerprint : a case of major bank in Malaysia.](#) International Journal of Computer Science and Information Security (IJCSIS) , 10 (3) pp.1-6
- 2011** [Using biometric techniques to secure online student assessment: Comparative study.](#) International Journal of Computer Science and Information Security

- 2011 [Awareness of social engineering among IIUM students](#). World of Computer Science and Information Technology Journal (WCSIT) , 1 (9) pp.409-413
- Conference or Workshop Item**
- 2018 [A conceptual digital transformation design for International Islamic University Malaysia to 'University of the Future'](#). In: **International Conference on Information and Communication Technology for the Muslim World 2018 (ICT4M)**
- 2018 [Cyber security maturity model and Maqasid al-Shari'ah](#). In: **2018 International Conference on Information and Communication Technology for the Muslim World (ICT4M)**
- 2017 [Designing business models options for "University of the Future"](#). In: **4th International Colloquium on Information Science and Technology (CiSt'16)**
- 2016 [Persuasive technology for improving information security awareness and behavior: literature review](#). In: **2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M 2016)**
- 2015 [Alternative business models for soup kitchen](#). In: **6th International Conference on Management, Finance & Entrepreneurship (ICMFE-2015)**
- 2015 [A cybersecurity capability maturity model based on Maqasid Shari'ah \(MS-C2M2\)](#). In: **International Conference on Maqasid Al-Shari'ah in Public Policy and Governance**
- 2014 [eSoulKitchen program - enhancing societal wellbeing and wealth creation for Orang Asli community at Pos Selim, Perak](#). In: **2014 The 5th International Conference on Information & Communication Technology for the Muslim World (ICT4M 2014)**
- 2014 [eHalal4All program - promoting a halal rural products and services globally by harnessing the Network-of-Mosques \(NoM\) capabilities](#). In: **International Halal Conference 2014 (INHAC 2014)**
- 2013 [Mitigating privacy issues on Facebook by implementing information security awareness with Islamic perspectives](#). In: **The 4th International Conference on Information & Communication Technology for the Muslim World (ICT4M)**
- 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)**
- 2013 [Risk Management in Parallel Projects: Analysis & Best Practices and Implications to Generic DBrain \(gDBrain\) Research Project](#). In: **The 4th International Conference on Information & Communication Technology for the Muslim World (ICT4M)**
- 2013 [Critical information security challenges: an appraisal](#). In: **The 4th International Conference on Information & Communication Technology for the Muslim World (ICT4M)**

**Book  
Book Section**

- 2019** [Effects of anti-money laundering and anti-terrorism financing law on innovation of mobile payment systems in Malaysia.](#) In: **Emerging Issues in Islamic Finance, Law and Practice in Malaysia** Emerald Publishing Limited . ISBN 978-1-78973-546-8 , pp.117-128
- 2016** [eHalal4All Program—Promoting Halal rural products and services globally by harnessing the Network-of-Mosques \(NoM\) capabilities .](#) In: **Contemporary issues and development in the global Halal industry: Selected Papers from the International Halal Conference 2014** Springer Singapore . ISBN 978-981-10-1450-5 , pp.335-346
- 2016** [eHalal4All Program—Promoting Halal rural products and services globally by harnessing the Network-of-Mosques \(NoM\) capabilities .](#) In: **Contemporary issues and development in the global Halal industry: Selected Papers from the International Halal Conference 2014** Springer Singapore . ISBN 978-981-10-1450-5 , pp.335-346
- 2011** [Enterprise security policy : challenges and issues for Malaysian universities.](#) In: **Information technology issues and applications in Malaysia : a collection of articles** IIUM Press . ISBN 9789674180034 , pp.77-92