

MOHD. AMINUL ISLAM



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
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ACADEMIC QUALIFICATION

- Ph.D in Economics
- Econs
- Econs

TEACHING RESPONSIBILITIES

BUSINESS MATHEMATICS	2006/2007 2007/2008 2017/2018
FINAL YEAR PROJECT	2017/2018 2018/2019 2019/2020 2020/2021
FINANCIAL MANAGEMENT I	2018/2019 2019/2020
FINANCIAL MATHEMATICS 1	2010/2011 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
FINANCIAL MATHEMATICS 2	2020/2021
FINANCIAL MATHEMATICS 3	2020/2021
FINANCIAL MATHEMATICS I	2007/2008 2008/2009 2009/2010
FINANCIAL MATHEMATICS II	2007/2008 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
FINANCIAL MATHEMATICS III	2007/2008 2008/2009 2009/2010 2010/2011 2011/2012 2019/2020
FOUNDATION OF ISLAMIC ECONOMICS	2007/2008
HALAQAH 1 (BROTHER)	2006/2007
INTRODUCTION TO ECONOMICS	2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
INTRODUCTION TO FINANCIAL MATHEMATICS	2010/2011
INTRODUCTORY ECONOMICS FOR ENGINEERING	2006/2007
PRINCIPLES OF MACROECONOMICS	2006/2007 2017/2018

RESEARCH PROJECTS**In Progress**

2016 - Present Sustainable electronic waste (e-waste) management system in Kuantan

Completed

2016 - 2020 Sustainable electronic waste (e-waste) management system in Kuantan

2014 - 2018 Hedging Performane of Future Contracts: The Case of FTSE BMKLCI Futures and the CPO Futures Contracts in Malaysia

2013 - 2017 Islamic Tourism in Malaysia: The Involvement of Travel and Tour Business as a Stakeholder in Strategizing Travel Packages

2012 - 2015 The Effectiveness of Ar-Rahnu (Islamic Pawn Broking) on social-economic development: A case study in Kuantan and Kuantan Terengganu

2012 - -1 Random Binomial Tree Models in Financial Mathematics and their applications

2012 - 2014 Random Binomial Tree Models in Financial Mathematics and their applications

2010 - 2012 Impact of Development Financial Institutions (DFIs) on Malaysian Economy

PUBLICATIONS**Article**

- 2015** [Preparation of biodiesel from jatropha hybrid seed oil through two step transesterification.](#) Energy Sources, Part A: Recovery, Utilization and Environmental Effects , 37 (14) pp.1550-1559
- 2014** [An increase of the health care cost of diabetes mellitus type 2: a precise review on economic impact of diabetes.](#) Australian Journal of Basic and Applied Sciences , 8 (1) pp.40-44
- 2014** [Applying generalized autoregressive conditional heteroscedasticity models to model univariate volatility .](#) Journal of Applied Sciences , 14 (7) pp.641-650
- 2014** [A study on the performance of symmetric and asymmetric GARCH models in estimating stock returns volatility.](#) International Journal of Empirical Finance , 2 (4) pp.182-192
- 2013** [Appraisement of Ranitidine Hydrochloride Tablet \(USP150mg\) Preparations from Few Selected Companies in Bangladesh.](#) Pakistan Journal of Nutrition , 12 (11) pp.966-972

- 2013** [To determine and examine the prospect and feasibility study of anti-cancer drugs for local production in Bangladesh.](#) *Advances in Environmental Biology* , 7 (13) pp.4529-4537
- 2013** [Modeling univariate volatility of stock returns using stochastic GARCH models:Evidence from 4-Asian markets.](#) *Australian Journal of Basic and Applied Sciences* , 7 (11) pp.294-303
- 2012** [An appraisal of the performance of two \(2\) Development Financial Institutions \(DFIs\) in Malaysia .](#) *International Journal of Economics and Management Sciences* , 1 (7) pp.64-74
- 2012** [An empirical analysis of causality between development of non-bank financial intermediaries and the economic growth in malaysia.](#) *European Journal of Social Sciences* , 30 (4) pp.654-664
- 2011** [Development impact of Non-Bank Financial Intermediaries on economic growth in Malaysia: an empirical investigation.](#) *International Journal of Business and Social Science* , 2 (14) pp.187-198

Conference or Workshop Item

- 2014** [Estimating Hedge Ratio and The Hedging Effectiveness of Stock Index Futures Contract.](#) **In: IIUM Research, Invention and Innovation Exhibition 2014**
- 2013** [Modeling volatility using GARCH \(1, 1\) Model: The case of Kuala Lumpur Composite Index \(KLCI\).](#) **In: IIUM Research, Invention and Innovation Exhibition 2013**
- 2011** [Causality relationship between electricity consumption and economic activity in Malaysia.](#) **In: IIUM Research, Invention and Innovation Exhibition (IRIIE) 2011**
- 2010** [Causality relationships between non-bank financial intermediaries and economic growth: the case of Malaysia.](#) **In: IIUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2010** [Cointegration and Causality between non-bank financial intermediaries and economic growth in Malaysia.](#) **In: IIUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2009** [Cointegration and causality between non-bank financial intermediaries and economic growth in Malaysia: an ARDL bounds testing approach .](#) **In: Curtin International Business Conference (CIBC)-2009**

Book Book Section

- 2011** [Analyzing the performance of investment strategy of EPF .](#) **In: Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.123-129
- 2011** [Prediction of stock price using neural network .](#) **In: Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.130-135
- 2011** [Comparison between conventional and Islamic bond in Malaysia .](#) **In: Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.136-144

- 2011** [Stock performance analysis between Malaysian Airlines System Berhad and Airasia Berhad](#) . In: **Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.144-150
- 2011** [Islamic pawnbroking \(Ar-Rahnu\) as a micro credit instrument in Malaysia](#) . In: **Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.151-159
- 2011** [Analysis of crude palm oil futures prices traded on Bursa Malaysia](#) . In: **Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.160-165
- 2011** [Performance analysis of insurance and takaful industries in Malaysia](#) . In: **Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.171-178
- 2011** [Financial performance of Islamic banking and conventional banking in Malaysia](#) . In: **Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.186-193
- 2011** [Ratio analysis: Bank Islam Malaysia Berhad \(BIMB\) & Malayan Banking Berhad \(MAYBANK\)](#) . In: **Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.201-206
- 2011** [An analysis of Malaysian Unit Trust Funds: Islamic vs conventional](#) . In: **Investigations on Pure Mathematics, Finance Mathematics and Optics** IIUM Press . ISBN 9789674181987 , pp.207-214