

JOHARRY B. OTHMAN



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
- Email address: drjoe@iium.edu.my

ACADEMIC QUALIFICATION

- Ph.D in Educational Psychology
- Diploma in Education
- Master in Education
- Bachelor in Mathematics

TEACHING RESPONSIBILITIES

ANALYSIS OF BEHAVIORS IN GROUPS	2009/2010
APPLIED STATISTICS FOR EDUCATIONAL RESEARCH	2008/2009
ASSESSMENT IN EDUCATION	2011/2012
COMPUTER IN ADMINISTRATION	2002/2003
EDUCATIONAL PSYCHOLOGY	2011/2012 2012/2013
EDUCATIONAL MEASUREMENT AND STATISTICS	2011/2012 2012/2013 2013/2014 2014/2015
EDUCATIONAL MEASUREMENTS & STATISTICS	2001/2002 2002/2003 2004/2005 2005/2006 2006/2007 2007/2008 2008/2009
EDUCATIONAL PERSPECTIVES OF HUMAN DEVELOPMENT	2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2017/2018
EDUCATIONAL PSYCHOLOGY	2010/2011
Educational Psychology	2017/2018 2018/2019
GENERAL PEDAGOGY	2011/2012 2017/2018 2018/2019 2019/2020
INSTRUCTIONAL TECHNOLOGY	2004/2005 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2019/2020
INTERNET APPLICATIONS IN EDUCATION	2006/2007 2007/2008 2008/2009
ISSUES IN MATH. EDUCATION	2005/2006
ISSUES IN MATHEMATICS EDUCATION	2008/2009 2009/2010
METHODOLOGY OF TEACHING MATHEMATIC IN SECONDARY SCHOOL	2006/2007 2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020

MICRO TEACHING	2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
PSYCHOLOGY FOR CLASSROOM LEARNING	2004/2005
RESEARCH METHODOLOGY	2004/2005 2010/2011
SCHOOL TESTING PROGRAMME	2001/2002 2002/2003 2004/2005 2005/2006 2009/2010 2011/2012 2014/2015 2016/2017 2017/2018 2018/2019 2019/2020
TEACHING METHODOLOGY FOR MATHEMATICS 2	2011/2012
TEACHING METHODOLOGY FOR MATHEMATICS I	2010/2011
TEST AND MEASUREMENT	2001/2002
TESTING & ASSESSMENT IN EDUCATION	2008/2009 2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2017/2018 2018/2019 2019/2020
TESTING AND ASSESSMENT	2004/2005 2006/2007
TESTING AND ASSESSMENT IN EDUCATION	2008/2009 2010/2011 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019

RESEARCH PROJECTS

In Progress

2016 - Present Towards Realizing Malaysia's Science, Technology, Engineering and Mathematics (STEM) Initiatives: Profiling Students' Conceptual Understanding of "Operations on Integers".

2007 - Present Testing and Assesment in Higher Education Research Unit (TASHE)

Completed

2013 - 2017 Innovation in Teaching and Learning - Inovasi Dalam Bidang Pembelajaran dan Pengajaran Learning Assessment

2013 - 2017 Innovation in Teaching and Learning - Inovasi Dalam Bidang Pembelajaran dan Pengajaran Learning Assessment

2011 - -1 Kursus Asas Pengajaran dan Pembelajaran ILMI

2011 - 2013 Projek Pembinaan Modul Training of Trainers (ToT) dalam Bidang Learning Assessment

2010 - 2011 Kajian Mengenal Pasti Tahap Keberkesanan Program Pendidikan Spiritual Anggota ATM (KPPSA ATM)

- 2009 - 2009** Academic Performance Measurement : A Professional Development Programme for Faculty of Arts and Humanities King Abdul Aziz University, Jeddah Saudi Arabia
- 2008 - 2011** Validation of Teaching Efficiency Rating (TER)
- 2008 - 2011** Pilot Study of Student Efficiency Survey
- 2008 - 2011** Faculty Assessment Competency: An IIUM Study
- 2006 - 2007** The Relationship Between Happiness and Religiosity among INSTED Students Through Utilization of `THE HAPPI-RELI SCALE? and its Validation
- Unknown - 2006** National Survey of R&D

PUBLICATIONS

Article

- 2017** [THE RELATIONSHIP BETWEEN TEACHERS' MASTERY EXPERIENCE AND TEACHER SELF-EFFICACY: A META-REGRESSION OF CROSS-SECTIONAL STUDIES.](#) Malaysian Journal of Learning and Instruction , 14 (2)
- 2017** [THE RELATIONSHIP BETWEEN TEACHERS' MASTERY EXPERIENCE AND TEACHER SELF-EFFICACY: A META-REGRESSION OF CROSS-SECTIONAL STUDIES.](#) Malaysian Journal of Learning and Instruction , 14 (2)
- 2017** [Pertalian antara pengalaman masteri dengan efikasi sendiri guru: regresi-meta kajian keratan lintang = The relationship between teachers' mastery experience and teacher self-efficacy: A meta-regression of cross-sectional studies.](#) Malaysian Journal of Learning and Instruction (MJLI) , 14 (2) pp.247-269
- 2017** [The implementation of spiritual education program among the Malaysian Armed Forces personnel..](#) International Journal of Academic Research in Business and Social Sciences , 7 (8) pp.485-494
- 2014** [Assessment for learning practices and competency among Malaysian university lecturers: a national study.](#) Practitioner Research In Higher Education , 8 (1) pp.14-31
- 2012** [The deployment of ICT facilities in teaching and learning in Higher Education: a mixed method study of its impact on lecturers and students = A implantação de instalações de tic no ensino e aprendizagem no ensino superior: um estudo de método misto de seu impacto sobre professores e alunos .](#) Revista De Informatica Aplicada / Journal of Applied Computing , 8 (1) pp.5-11
- 2012** [Mathematical values inculcation measurement model verses mathematics teachers' length of service: a structural equation modeling analysis.](#) European Journal of Social Sciences , 35 (4) pp.548-559
- 2012** [A nationwide comparative study between private and public university students' soft skills.](#) Asia Pacific Education Review , 13 (3) pp.541-548

- 2012 [Unveiling the values inculcation model among Mathematics teachers in developing country: A conceptual approach.](#) IOSR Journal Of Humanities And Social Science , 5 (1) pp.6-19
- 2008 [Pendekatan P-P Fit dalam proses pemilihan guru di Institusi Pengajian Tinggi Awam di Malaysia.](#) Malaysian Educational Deans' Council Journal , 2 pp.71-82
- 2008 [The construction of the Malaysian Educators Selection Inventory \(MEdSI\): a large scale assessment initiative.](#) Asian Journal of University Education , 4 (1) pp.113-126

Conference or Workshop Item

- 2018 [A Preliminary Study on Form 1 Students' Errors and Misconception in Operations of Integers.](#) In: **SEMINAR KEBANGSAAN MAJLIS DEKAN PENDIDIKAN UNIVERSITI AWAM [MEDC 2018]**
- 2016 [Kajian pelaksanaan program pendidikan spiritual terhadap anggota Angkatan Tentera Malaysia.](#) In: **International Seminar on al-Quran in Contemporary Society (SQ 2015)**
- 2013 [Assessment for learning at institutions of higher education: A study of practices among academicians.](#) In: **4th Assessment in Higher Education Conference**
- 2012 [The deployment of ICT facilities in teaching and learning in higher education: a mixed method study of its impact on lecturers and students .](#) In: **World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA) 2012**
- 2011 [The impact of learning Arabic via online games prototype among elementary learners in IIUM.](#) In: **Islamic Innovation Expo 2011 (i-Inova' 2011)**

Book

- 2010 [Kajian keberkesanan program dakwah di sekolah-sekolah menengah Kementerian Pelajaran Malaysia.](#) Centre for Teaching and Learning, Institute of Education, International Islamic University Malaysia
- 2009 [Panduan rasmi MEdSI : Malaysian educators selection inventory.](#) Oxford Fajar Sdn. Bhd. . ISBN 9789834508692
- 2009 [Panduan Rasmi MEdSI \(Malaysian Educators Selection Inventory\).](#) Oxford Fajar Sdn Bhd . ISBN 978-983-45086-92

Book Section

- 2016 [Predictors of happiness in life among students: a regression analysis.](#) In: **Lifespan Issues: Studies on Psychological Well-Being from Educational Perspective** Institut Terjemahan & Buku Malaysia Berhad . ISBN 978-967-460-205-5 , pp.17-25
- 2013 [Learning Assessment.](#) In: **The learning and teaching practices in Malaysian Higher Education Institutions: A research summary** Akademi Kepimpinan Pengajian Tinggi (AKEPT) , pp.63-70
- 2011 [The peer tutoring programme as an effective learning enhancement strategy.](#) In: **New intellectual horizon in education** International Islamic University Malaysia (IIUM) . ISBN 9789670225210 , pp.132-149

2009 [The relationship between happiness & religiosity among instead students through utilization of 'the happi-reli scale' and its validation.](#) In: **Proceedings of the Seminar on Research Findings 2008** IIUM Press . ISBN 9789833855780 , pp.305-323