

TAN CHIN KENG



- KULLIYAH OF ARCHITECTURE AND ENVIRONMENTAL DESIGN
- IIUM Gombak Campus
- Email address: tckeng@iium.edu.my

ACADEMIC QUALIFICATION

- Doctor of Philosophy in Project Management(Construction)
- Master of Business Administration
- Bachelor in Quantity Surveying
- Diploma in Quantity Surveying

TEACHING RESPONSIBILITIES

BUILDING ECONOMICS	2020/2021
CONSTRUCTION BUSINESS	2003/2004 2007/2008 2013/2014 2014/2015
CONSTRUCTION ECONOMIC 2	2009/2010 2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
CONSTRUCTION ECONOMICS 1	2009/2010 2010/2011 2011/2012 2012/2013 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
CONSTRUCTION MARKETING	2015/2016
COST STUDIES 2	2001/2002
COST STUDIES III	2001/2002
COSTS STUDIES I	2001/2002
DISSERTATION	2008/2009 2016/2017
ECONOMICS FOR QUANTITY SURVEYORS 1	2008/2009 2009/2010 2010/2011 2012/2013 2013/2014 2014/2015 2017/2018 2018/2019 2019/2020 2020/2021
ECONOMICS FOR QUANTITY SURVEYORS 2	2017/2018 2018/2019 2019/2020 2020/2021
INTEGRATED MULTI DISCIPLINARY PROJECT 1	2014/2015
INTEGRATED MULTIDISCIPLINARY PROJECT 2	2001/2002
INTEGRATED/MULTI-DISCIPLINARY	2002/2003
LANDSCAPE CONTRACT & ADMINISTRATION	2001/2002 2002/2003

MEASUREMENT OF CONSTRUCTION WORK 1	2001/2002
MEASUREMENT OF CONSTRUCTION WORK 2	2001/2002
PEOPLE AND ORGANIZATIONAL MANAGEMENT	2015/2016 2016/2017 2018/2019 2019/2020
PRACTICAL TRAINING	2002/2003
PRINCIPLES OF CONSTRUCTION ECONOMICS	2002/2003 2003/2004
PRINCIPLES OF ESTIMATING FOR BUILDING SERVICES & EXTERNAL WORKS	2002/2003
PRINCIPLES OF ESTIMATING FOR BUILDING SERVICES AND EXTERNAL WORKS	2008/2009
PRINCIPLES OF ESTIMATING FOR BUILDING WORKS 1	2002/2003 2003/2004 2009/2010 2011/2012
PRINCIPLES OF ESTIMATING FOR BUILDING WORKS 2	2002/2003 2003/2004 2008/2009
PRINCIPLES OF MEASUREMENT FOR BUILDING WORKS 1	2002/2003 2003/2004
PRINCIPLES OF MEASUREMENT FOR BUILDING WORKS 2	2002/2003 2003/2004
PROPERTY INVESTMENT AND VALUATION	2011/2012 2013/2014 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
RESEARCH METHODS FOR THE BUILT ENVIRONMENT	2008/2009

RESEARCH PROJECTS

In Progress

- 2019 - Present** - Optimising Construction Cost for Heritage Building Conservation Project Through Value Engineering Technique
- 2015 - Present** - Strategy Formulation to Reduce Turnover Intention Among Quantity Surveyors in Malaysia
- 2012 - Present** - Gallery
- 2009 - Present** - Procurement and Project Delivery System Research Unit

Completed

- 2015 - 2017** - Strategy Formulation to Reduce Turnover Intention Among Quantity Surveyors in Malaysia

2011 - 2016 ASEAN Economic Integration: Developing Model to Assess the Effectiveness of the Policies on Construction Labour Market in Malaysia

2011 - 2014 RU 2011: A Study on top Management Commitment Towards Quality Management and ISO 9001 Certification in the Context of Malaysian Construction Organization

2011 - 2013 Research in Quantity Surveying (KVC Project 2011)

2010 - 2011 A study of the Reinforcement-concrete Ration of Building Frames

2008 - 2010 Problem in Implementation of ISO 9001 Quality Management System among Malaysian Contractors

2004 - 2005 A Study On The Implementation Requirements of Quality Management System(QMS) for Construction Companies with ISO9001:2000 Certificates

PUBLICATIONS

Article

- 2020** [Preliminary studies of delays in construction projects.](#) Malaysian Journal of Business and Economics (MJBE) , Special Edition 2019 (Issue 2 (December)) pp.161-179
- 2019** [Strategies of quantity surveying firms to reduce turnover intention.](#) International Journal of Engineering & Technology , 8 (1.8 Special issue 8) pp.1-4
- 2018** [Exploration of job satisfaction among technical employees of quantity surveying firms in Malaysia.](#) International Academic Journal of Organizational Behavior and Human Resource Management , 5 (3 (July-September)) pp.58-71
- 2018** [Turnover intention and job satisfaction among quantity surveyors.](#) International Journal of Technology , 9 (8) pp.1551-1560
- 2018** [An exploration of cost overrun in building construction projects.](#) Global Business and Management Research: An International Journal , 10 (3 (Special Issue on Business Sustainability in an Era of Digital Disruption)) pp.638-646
- 2016** [Implementation of ISO quality management system in construction companies of Malaysia.](#) Journal of Technology Management and Business , 3 (1) pp.1-23
- 2015** [The Application of Earned Value Management \(EVM\) in Construction Project Management.](#) Journal of Technology Management and Business , 2 (2) pp.1-11
- 2015** [A comparison between quantity surveying and information technology students on web application in learning process .](#) Malaysian Online Journal of Educational Technology , 3 (1) pp.1-11
- 2014** [Case studies on the safety management at construction site.](#) Journal of Sustainability Science and Management , 9 (2) pp.90-108
- 2011** [Study of quality management in construction projects.](#) Chinese Business Review , 10 (7) pp.542-552

Conference or Workshop Item

- 2016 [Quality management in Quantity Surveying firms.](#) In: **6th Asia Pacific Marketing and Management Conference**
- 2015 [A study into the problems of cost control for construction projects.](#) In: **The 4th International Seminar on Entrepreneurship and Business (ISEB 2015)**
- 2014 [A study on top management commitment towards quality management and ISO 9001 certification in the context of Malaysian construction organizations.](#) In: **6th International Borneo Business Conference**
- 2014 [Web applications in learning process: a comparison between quantity surveying and information technology undergraduates.](#) In: **5th International Conference on Science & Technology: Applications in Industry & Education (ICSTIE 2014)**
- 2012 [Study on web applications in learning process among quantity surveying undergraduates.](#) In: **Technology, Science, Social Sciences, Humanities International Conference 2012**
- 2010 [A study on top management commitment and ISO 9000 certification.](#) In: **3rd Regional Conference on Engineering Education (RCEE 2010) and Research in Higher Education 2010 (RHEd 2010)**
- 2010 [Reinforcement-concrete ratio of building frames.](#) In: **The International Conference on Industrial Engineering and Business Management (ICIEBM)**
- 2009 [Quality management practices in construction projects in the context of Malaysian construction industry.](#) In: **34TH AUBEA Annual Conference**

Book

- 2011 [Research in Quantity Surveying.](#) IIUM Press . ISBN 9789674182038

Book Section

- 2016 [Costing for the preliminaries section of the construction.](#) In: **Cost and contract administration in construction: divine perspectives** IIUM Press . ISBN 978-967-418-462-1 , pp.24-39
- 2011 [Case studies of problems associated with the employment of foreign workers in civil engineering projects .](#) In: **Issues in Construction and Quantity Surveying** IIUM Press . ISBN 978-967-418-031-7 , pp.57-71