

CELEBRATING
COMMERCIALISATION
YEAR 2014

iiindex 2014

AN INTERNATIONAL EXPOSITION ON RESEARCH AND INNOVATION

invention
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exposition 2014

INNOVATEUR
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2014

27th - 30th
APRIL 2014
DEWAN AGUNG TUANKU CANSELOR (DATC)
UNIVERSITI TEKNOLOGI MARA
MALAYSIA

*Bridging
the valley of death :
advancing the
commercialisation
of research*

RESEARCH BOOK

iiindex2014

AN INTERNATIONAL EXPOSITION ON RESEARCH AND INNOVATION

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FOREWORD

The Honourable Minister of Science, Technology and Innovation (MOSTI) has launched 2014 as Malaysia Commercialisation Year 2014 (MCY2014) with the theme Science Technology and Innovation (STI) for Wealth Creation. In line with this theme, Invention, Innovation, Design & Exposition 2014 (iidex2014) is an annual exposition organized by UiTM and is the ultimate platform to highlight and commercialise new inventions and innovations. Researchers and inventors will exhibit their products which cater to the needs and wants of the community and the country.

The iidex2014 creates a new dimension by fusing two competitive concepts, a competition among innovative products and a competition to invite Innovateur Wannabes to perform live pitching of their products to the audience. The iidex2014 focuses on comprehensive commercialization and creating opportunities for entrepreneurs to carry out R&D as well as to provide avenue to commercialise their products. Through expositions such as iidex2014, MOSTI hopes to inculcate the culture of commercialisation of new technology designed and created by Malaysians.

I wish to congratulate all the participants of the iidex2014 and this is the opportunity for all researchers to show their ideas and exhibits their products and creativity. Apart from showcasing their products, innovators will have the opportunity to provide a window to the industry for business matching during the exposition.

Tan Sri Dato' Sri Sallehuddin Mohamed
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INCORPORATING RISK MANAGEMENT AS PART OF SHARIAH GOVERNANCE FRAMEWORK IN ISLAMIC INSTITUTION

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Globally, there has been significant interest in literature on risk analysis and management in the past decade or so. However, all these developments revolved around the banking and financial institution, due to extensive research, development and innovation of its institutions and services. While number of Islamic institution like zakat (tithe) and waqf (endowment) has grown substantively in the last few years, research and studies of its risk character and profile are still low. Effective management of risk is fundamental key to any institution's governance framework. As for Islamic institutions, risk appears to be in many different profiles; financial, personnel, program and others due to interaction with economic, political and social environments. Islamic institutions are faced with this unique risk as a result of special characteristics of the operational structures of the institutions such as operational risk, legal risk and shariah non-compliance risk. This study aims to conduct risk assessment to identify and analyse potential risk in the Islamic institutions with the main objectives to identify, manage and monitor type of risk in zakat and waqf institutions. Although potential risk is difficult to be identified, Islamic institutions must explore ways to manage the potential risk as it might significantly damage their reputation and creditability.