

CELEBRATING  
COMMERCIALISATION  
YEAR 2014

# iiindex 2014

AN INTERNATIONAL EXPOSITION ON RESEARCH AND INNOVATION

invention  
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exposition 2014

INNOVATEUR  
wannabe!  
2014

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UNIVERSITI TEKNOLOGI MARA  
MALAYSIA

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

RESEARCH BOOK

# iiindex 2014

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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  
Pro-Chancellor, Universiti Teknologi MARA

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## INFOMEDIA FOR FACTORS CONTRIBUTING TO INTERNET ABUSE IN THE WORKPLACE

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Internet is indispensable in the current working environment; in fact it has become a standard office facility. Using the internet for personal use during working hour beyond the acceptable usage levels either using office computer or personal smart phones are still an account of internet abuse. Internet abuse may lead to productivity loss, security incidents, liability and network congestion which therefore are a serious concern for the employers. Since there is a lack of emphasis for research on this area, therefore the aims of this study are statistically prove existence of internet abuse and gain better understanding of the phenomenon. . The three objectives of the research are, (1) to investigate the employees' internet abuse activities, (2) to investigate the relationship between demographic, personality and external factors with the intention to abuse the internet and (3) to recommend countermeasure to overcome internet abuse during working hours. This research adopted the modified TPB (Theory of Planned Behaviour) as the research model. The study was conducted by distributing questionnaires to employees in three small-medium sized organizations in ICT sector located in Kuala Lumpur and Selangor. Further to that, interviews conducted with higher management, HR, IT, and an employee to get more information on the subject. This study would give insight into factors contributing to internet abuse in the workplace and the internet abuse activities that the employees engaged in which can then be used to plan adequately and manage the issue. It could help employees to increase the awareness and possibility of change in behaviour with regards to internet abuse through sharing the result of this study by the employers in monthly bulletin or incorporating the countermeasure in office policy.