

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

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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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IC TRAQUER (IDENTIFICATION CARD TRACKER)

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Our product is IC Traqueur. This invention will introduce one system of Identification Card trackers. Basically, this tracker functions as the tracking device for the missing ID. However, it can be used for multiple purposes. As for example when there is a missing person we can use this tracking device to track the missing person. The chip in the existing ID can be tracked using the tracking device via satellite. The idea was mooted after reading about the problem of missing airplane of MH370 in March 2014. This chip can also be used in people and this will help in identifying a missing person. According to the police records, between 2008 and 2011, a total of 7,662 people were reported missing nationwide of whom 3,226 people were teenagers between 14 and 17 years old. The objective of identification card tracking devices is mainly to locate the lost identification card, pinpointed on a map of the tracking devices. Secondly, the authority can use the identification tracking devices to keep up with the whereabouts of a kidnapped person. Lastly, parents can supervise and monitor their children with the identification card tracking devices to know their where about. Benefits represents an advantage. There are a few benefits that we can get from our system project. One of the benefits that we can get from this system project is Malaysian people did not have to go through complicated procedures for the renewal of their identical card if they lost their identical card. Lastly, this system may reduce the problem of human trafficking if this system is used in Malaysia. Based on the information above, this device surely has the potential to be commercialized since it can be used by all Malaysians. Hence this can overcome some of the challenges in the Malaysian Vision 2020 goals to establish a scientific and progressive society and to create psychologically liberated, secure and developed Malaysian society.

NEO BOTTLE

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We have developed drinking bottle that we named as Neo bottle, that can multitask. We have developed a normal drink bottle into something that can act as a mini bag. Space plays an important role as it serves as a place to put things in it. We focus more on people who like to travel, go camping and those who would prefer something that is multifunctional. Neo bottle is divided into several compartments that have the difference size in each of the compartment. Other than that the attractive design of the bottle will interest people to buy it. We have our own design on the Neo bottle that attracts people. Neo bottle can serve as a coffee maker as the compartment may be controlled by open it and then mix the water with the sugar, milo and milk at the same time. The additional space provided can be made into a box storage specially for food and other suitable items. For example a busy person might use the space to bring his or her breakfast due to limit time so that they can save time by putting biscuit, oat, milk, milo at the same time. Then the person can easily make the drink by shaking the Neo bottle to enjoy their breakfast. The advantages of using Neo bottle is that they are designed to fulfill the desire of a person who have a problems in using space. Neo bottle can combine all the things we need in one place. The multipurpose function might save the space in your bag and users do not have to worry about space anymore. It has durability that can keep its content save in a good condition for a long time. With the unique feature and the flexibility of the uses of the bottle, Neo bottles can penetrate new market with new function. It is not only suitable for teen but for different classes of people.