

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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CUZIBAG

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Cuzibag is the combination of pillow and bag. The word “cuzi” is from “cuzinet” Romanian word for pillow. This project aims to provide an individual comfortable sleep during travels, camping, and while having a vacation. Other than that, this product can be used to keep our valuable items such as purse, mobile phone, and passport and toiletries. Its multipurpose function is as a bag, a pillow and a suit case. It can be used as pillows during night and at the same time to keep valuable items inside the bag. For a most subjective perspective, pillow creates a feeling of comfort which aids in getting a good night’s sleep and feeling well rested. Other than that, the benefit of Cuzibag is its easy to carry due to its suitable size. It’s also very light made from suitable and good material. It saves cost. This bag has two strings and made of waterproof material. This waterproof material has many advantages. This waterproof material will keep items free from dust, dirt, sand and water. In conclusion, this Cuzibag is suitable to be used in many ways.

4 IN 1 HEATCOOK

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Our product is 4 in 1 heatcook. This product is the innovation of water heater by adding other functions to the water heater. This product has two parts. The upper part is used for heating, cooking, boiling and steaming the food. The lower part of the water heater is used for boiling the water. We used aluminium foil to separate the water heater into two parts. So, this is how we got our product name. The cost to innovate this water heater is really affordable for students. Most students have their own water heaters. They just need to buy aluminium foil that only cost about six ringgit. Since the heater already exist, we just add the aluminium foil to the top of the water heater, so cost only involving the graphic design also color which incur cost below fifty ringgit. The type of food that can be cook, heat, boil and steam are instant noodles, canned food, egg, potatoes and processed. Students are not allowed to bring any other cooking appliances except the water heater. Students face difficulties during public holidays. Most of the cafes are closed during that time. So, students tend to skip their meals. It causes the students to lose focus on their studies. This may also cause them to get gastric if they continuously skip their meals. We also got the idea from our family members and relatives when we were went on holiday. We observed that they always brought pot to the hotel to cook some food. Some of the hotel do not provided cooking stove in the hotel room. They bring pots to cook their own food in order to save money, hotel food is expensive. Our solution for the students problem is, by innovating the multifunction water heater, they can make their own meals. They just need to buy or bring along aluminium foil with them. Our objectives for this project, firstly, to help people save their time. It is because most people such as students do not have the time to go outside to buy the food. Secondly, to help students saving money by not eating out. Thirdly, it can reduce the usage of electric sources in residential college. We can prepare food and drink at the same time. Fourthly, it is to help students who do not go back to their hometowns as cafes are closed during semester break. Lastly, people can eat anywhere and anytime as long as the place has energy sources. Benefits from this products, firstly, it is environmental friendly. The using of aluminium foil is the best material to use because it can be reused or recycled. Secondly, it is also allows us to use the water heater in multiple ways. Lastly, it makes people life easier and faster.