



**14 OCT 2019**  
**RAINBOW PARADISE BEACH RESORT, PENANG**



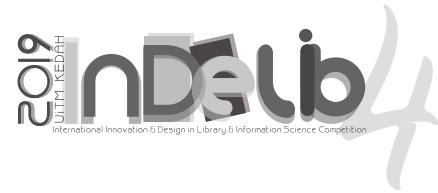
جامعة تكنولوجى مارا  
UNIVERSITI  
TEKNOLOGI  
MARA

Cawangan Kedah  
Kampus Sungai Petani

**ABSTRACT BOOK**



# HUMANIZING *InDeLib* in the 21st century



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Cawangan Kedah

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**DIVISION & CATEGORY:**  
**INVENTION**

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## LUX LIGHT IN THE LIBRARY

Yiau Tee Lee\*

Yeoh Kai Zhe

Chew Ge Yin

Ngui Yi Tung

Yew Zhi En

Ashley Yoong Yu Xuan

*SMJK Heng Ee Cawangan Bayan Baru*

### **ABSTRACT:**

The LUX Light in the Library is help the students to locate the books easily. We can save to search for the books. We use a computer program to control the sensors that are connected to the LED bulb on the rack. When the librarians search for the books an actual floor plan with directions will be displayed on the system and the LED bulb on the rack will be lit up to indicate the location of the books. With this system it will enhance the efficiency of locating books. We hope that we able to bring our idea to the society and library world. We hope that we can contribute our ideas to the world.

*Keyword: Lux light*

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### **Novelty & Uniqueness:**

This product is a time-saving system that can help students to locate the books easily. It is user-friendly and can be installed across all levels of libraries. First, users provide the necessary info of the books to the librarians. After the librarians key in the title of the book, the system will display an actual floor plan of the library with direction to the rack. The LED installed on the rack will be lit up and users can follow the direction to search for the books. In conclusion, this system provides a time-efficient solution to both librarians and users.

### **Potential Commercialization:**

To all libraries with current and latest technology.

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Category: Invention– Students/Teachers: School  
Resource Centers





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