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**JOHOR
INNOVATION
INVENTION
COMPETITION
AND
SYMPOSIUM
2023**



" Innovation Inspires a Society
to be Critical and Creative"

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"Innovation Inspires a Society to be
Critical and Creative"

Editors-in-Chief

**AHMAD KHUDZAIRI KHALID
NUR INTAN SYAFINAZ AHMAD**



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Preface

In the name of Allah, the Almighty who gives us the enlightenment, the truth, the knowledge and with regards to Prophet Muhammad (peace be upon him) for guiding us to the straight path. We thank to Allah for giving us guidance and strength to write this e-book.

This e-book compiles the extended abstracts that submitted to Johor Innovation Invention Competition and Symposium 2023 (JIICaS2023), where JIICaS2023 is a virtual platform for all creative minds to share and present their invention and innovation. The extended abstracts are divided into two categories, which are Category A (Higher Educational Student/ Any Recognized Institutional Students in Malaysia) and Category B (Primary/ Secondary School Students / Special Education School Students in Johor). Each abstract gives a brief background on the innovation or project.

We hope that this e-book will help the readers to get to know the innovation done by the students from both categories and get some ideas to develop future innovation products.



MUSLIMAH WRISTBAND

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ABSTRACT

Aurat issue continues to be in turmoil not only in the west. In fact, also in record in Muslims countries. This conflict often cause tragedy involving physical, mental and emotion that challenging faith and intelligence. Since 1992, Kelantan State Government is very committed in utilizing the choice given by the federal government with more comprehensive method through Kota Bharu Municipal Council-Islamic City (MPKB-BRI) law. The objectives of this product are to encourage Muslim especially women in covering full aurat, to simplify the usage of handsocks due to current hot weather, to provide alternative ways in covering the aurat and also as an accessory to women. This cuff is not same as bangle or any other accessories which is basically flexible, can be bendable, cheap, durable and easy to use. This product can also be attached to the handbag or backpack. By wearing this cuff, Muslim women are said to comply with Shariah that gazetted by Islam. For novelty, it is pioneer in the market, 2 in 1 product: accessories + covering aurat and also offered in affordable price. Material for the cuff is Layered, flexible stainless steel, bistable spring band, sealed with silicone & fabric cover and additional accessories like beads. For usefulness/benefit, this cuff can be an alternative accessories to cover the aurat, to simplify the current usage of handsocks and also it is a durable product. For commercialization, the product will be introduced in the market penetration price thus it could attract customers to buy & use this Muslimah Wristband.

Keywords: *Muslimah Usage; Wristband; Aurat;*

1.0 INTRODUCTION

As a Muslimah, aurat is the main concern and thus it require the Muslimah to attain the proper attire and also other accessories to complete the full Muslimah dress up. Aurat issue continues to be in turmoil not only in the west. In fact, also in record in Muslims countries. This conflict often cause tragedy involving physical, mental and emotion that challenging faith and intelligence. Since 1992, Kelantan State Government is very committed in utilizing the choice given by the federal government with more comprehensive method through Kota Bharu Municipal Council-Islamic City (MPKB-BRI) law. Therefore to maintain the full Muslimah attires there required product to cover the hand area. This product is design to help women to take care the aurat especially in arm areas. . This cuff is not same as bangle or any other accessories which is basically flexible, can be bendable, cheap, durable and easy to use. This product can also be attached to the handbag or backpack. By wearing this cuff, Muslim women are said to comply with Shariah that gazetted by Islam.

2.0 OBJECTIVE

- 2.1 To innovate new product to cater the aurat area for Muslimah.
- 2.2 To suggest new design look alike a bangle but Muslimah cuff.

3.0 DESCRIPTION OF INNOVATION/METHODOLOGY

This product used the strap accessories that attach with adjustable soft wrist wrap for woman to support aurat area concern. A wrist strap wraps around your wrist with a conductive cord attached around your hand. Besides that, the design accumulated with the band are sparkling and modern attached and therefore this band create a new look for the Muslimah attire. Unused band can also be considered as an accessories to your handbag.



Figure 1: Depiction of Muslimah Wristband

4.0 ADVANTAGE/IMPACT/RESULTS/NOVELTY

This wristband durable 100% high quality fabric, eco friendly, harmless nontoxic. This include other flexible strap and a clasp design with its size in increments friendly to wrist expansion/contraction.

5.0 CONCLUSION

This product comes with a touch of minor innovation, but it gives impact for the Muslimah users. By wearing this cuff, Muslim women are said to comply with Shariah that gazetted by Islam.