

Title : Making Upcycled Jewelry Charm Claimed to be from Bone China Fragment

Author(s) : 1. Kotchakorn Inta

Student ID : 650510448

2.

Student ID :

3.

Student ID :

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Advisor(s) : 1. Lecturer Dr. Boontarika Srithai

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ABSTRACT

Nowadays, consumers are increasingly aware of environmental issues, leading to a growing demand for eco-friendly products. As a result, industries across various sectors, including the jewelry and gemstone industry, have begun adapting their practices to support environmental conservation. These efforts include optimizing production processes, repurposing waste materials, recycling used products, and upcycling jewelry. Upcycling is an environmentally friendly approach in which old or discarded materials are redesigned and transformed into new products without the use of complex chemical processes. This study utilized bone china, a type of ceramic that contains animal bone ash and is known for its off-white, ivory-like appearance, translucent quality, and lightweight nature. Despite its delicate and fragile characteristics, broken bone china fragments possess suitable properties for jewelry production. Fifteen bracelet charms were designed, each featuring nature-inspired motifs, including leaves, flowers, sea elements, and sky themes. The selected patterns were applied to pieces of bone china, and the charms were produced using an electric grinder pen for detailed shaping and engraving. The finished upcycled charms were evaluated for user satisfaction through Google Forms questionnaires (currently in progress).

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