

ABSTRACT

PROCESSING SYNTHETIC FABRIC WASTE USING HOT TEXTILE TECHNIQUE AND MANIPULATING FABRIC FOR FASHION PRODUCT DESIGN

by

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The rise of the fashion industry has also affected the bridal industry, especially in the production of bridal wear, which often uses materials made from synthetic fibers. However, high demand and non-optimal waste management have led to the accumulation of fabric waste, as experienced by Amore Mio and Hanna Kebaya production houses. This research applies to the upcycle method as a waste management solution, with the aim of increasing aesthetic and functional value through a combination of hot textile and manipulating fabric techniques. The hot textile technique utilizes heat to create interesting textures from synthetic fabric that are sensitive to high temperatures. Meanwhile, manipulating fabric techniques are used to maximize the utilization of small-sized waste and reduce the potential for new waste generation. The research method used was qualitative, through literature study, observation to the production house, and interviews with related parties. Exploration was done by testing the combination of techniques directly on the waste fabric. The result of this research is outerwear clothing with the application of hot textile and manipulating fabric techniques as an innovation in processing textile waste.

Keywords: *Waste Fabric, Upcycle, Synthetic Fiber, Hot textile, manipulating fabric*