

ABSTRACT

APPLICATION OF ZERO WASTE TECHNIQUES IN DEMI COUTURE CLOTHES WITH SURFACE DESIGN ENGINEERING APPLICATIONS

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Fashion is dynamic and tends to be new in a short time. This affects the rapid development of industry and fashion trends and has many impacts on the world. The fashion industry has become the second-largest contributor to waste in the world. Therefore, it is necessary to have efforts to reduce textile waste, one of which is by applying zero waste techniques in the garment production process. Applying zero waste techniques to the fashion production process can reduce fabric waste generated from the production process to less than 15% of the total amount of fabric used. The zero waste technique in this research will be applied to clothing for the sake of demi couture. To achieve demi couture skills, the textile techniques used are digital printing and laser cutting. This research aims to show the zero-waste technique, which is one of the efforts that can reduce textile waste and produce better waste management. This research was conducted using a qualitative method using data collected in the form of observation of materials, image, vendor, exploration of the zero waste technical and surface design. The final result of this research is a fashion collection consisting of 3 clothing looks for demi couture using zero waste techniques in its manufacture and surface processing with background design techniques as support.

Keywords : *zero waste, surface design, demi couture*