## **ABSTRACT**

# UTILIZATION OF ZERO-WASTE PATTERN WITH RINGKEL BATIK MATERIAL AND THE APPLICATION OF EMBROIDERY DECORATION ELEMENTS WITH KAWUNG MOTIFS

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Several researchers have already developed zero-waste patterns to be used futher in this research. The use of the zero-waste practice developed by Annisa Nabila in 2018 had the opportunity to develop by using ringkel batik material and the application of embroidery decoration elements with kawung motifs. Ringkel batik comes from the Sampang area, East Java, with a characteristic bias effect created from smock technique. It generally still uses batik, jumputan, tritik technique and has not been developed using other surface techniques. The application of embroidery decoration elements with kawung motifs can be an alternative to add decorative elements that can create a three-dimensional effect and texture on the fabric's surface. In addition, this study uses data collection methods of literature study, observation, and exploration. The product resulting from this research is ready-to-wear woman's clothing using a zero-waste pattern with ringkel batik material and applying embroidery decoration elements with kawung motifs.

Keywords: Zero Waste, Ringkel Batik, Embroidery Technique, Kawung Motif