

## ABSTRACT

Batik is an Indonesian cultural heritage that until now can still be selected, both for industrial use and the provider of clothing materials for high-value handicrafts. With the unique and different types of batik motifs that add to the beauty and value of senior cloth art. The classic upside down batik motif is combined with plain colored motifs. For small patterned batik may be combined with other patterned materials such as polkadot or stripes. A bold combination of two different motifs is a distinctive style of teenagers who dare to experiment.

Along with the era that is now growing, batik motifs are increasingly changing. Of course the benefits of various patterns encountered can add to the uniqueness of the batik. As an example of making use of biodiversity in Indonesia such as marine biota specifically on coral reefs. With a variety of types of coral reefs can add diversity, uniqueness and variety of batik motifs.

In this Final Project, we will develop the *Arcopora Suharsonoi* type of coral pattern into a batik motif that starts the process with the L-System modeling method. And the results of the development of batik motifs will be made modules that are implemented into web-based batik applications.

**Key Word:** Batik, *coral*, *web*, *L-System*, *Arcopora Suharsonoi*.