

## ABSTRACT

*Many historic relics of Indonesia are claimed by neighboring countries, one of them is batik. The lack of interest of Indonesian citizens towards batik resulted in batik claimed by neighboring countries. The development of technology in Indonesia can be a turning point so that batik can be more desirable by citizens of Indonesia, by utilizing technology in making new batik motif.*

*In addition to batik, Indonesia also has a coral that is one of the natural beauty of Indonesia. The number of coral species owned by Indonesia can be applied to batik motifs, due to batik and coral, both of which are characteristic of Indonesia.*

*Used a generation pattern to increase user creativity to gain new representation and create innovation through the updated process. In addition, users can unify traditional crafts with modern calculations, which can generate new creative arts.*

*In this research, has created a design of batik motifs using Montipora Aequituberculata coral species with web-based applications. In the making there are several formulas that have their respective roles in building design batik motif. Results from testing through the survey also shows the need for more development of batik patterns in order to better the future*

*Keyword : Batik, Coral, Web, L-System, Montipora Aequituberculata*