

ABSTRACT

METHOD DEVELOPMENT OF APPLYING RUST DYEING TECHNIQUE WITH NATURAL DYE JELAWÉ (TERMINALIA BELLIRICA) ON FABRIC SHEETS

by

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This research develops a method of applying the rust dyeing technique by combining natural dyes from jelawé fruit bark (Terminalia bellirica) as an alternative to environmentally friendly coloring in contemporary textile design. The research method applied is qualitative, including literature study, observation, interviews, and exploration. Exploration was conducted on several types of fabrics, as well as the use of mordant and metal variations. The rust dyeing process was combined with dyeing using jelawé extract to observe the effect on color and motif formation. The results of the exploration show that this technique can produce a variety of motifs formed through the oxidation reaction of metal and tannin from jelawé which produces brownish yellow, to gray, blackish ash. The fold and wrap bundle technique produces more directional motifs than the item placement technique. The final result is applied in the form of patchwork fabric sheets measuring 100 × 100 cm as a visual application of the process that has been developed. This research is expected to contribute to the development of sustainable natural dyeing techniques.

Keywords: Rust Dyeing, Natural Dye, Jelawé (Terminalia Bellirica).