

**ABSTRACT**  
**UTILIZATION OF MAHOGANY BARK AS A NATURAL DYE**  
**APPLIED TO TEXTILES WITH CAP TECHNIQUE USING**  
**MORDANT**

By

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*The mahogany tree is a plant whose bark can be used as a natural dye for textiles. In previous research, mahogany bark produces good color so it has the potential to be developed. The color produced from mahogany bark is a variation of brown and blackish ash depending on the mordant used. In this study, the author used a technique that was also carried out by previous studies, namely by using a stamp technique using mordant using natural mahogany bark dyes. This research aims to utilize the potential of mahogany bark as a natural textile dye using the stamp technique using mordant to produce motif compositions. The motifs that will be produced are geometric motifs. The research method used is qualitative experimentation, namely data collection in the form of literature studies, interviews, observations and experiments. The final result of this research is a fabric sheet that has a geometric motif composition produced by the stamp technique using mordant and using natural dyes for textiles derived from mahogany bark.*

**Key Word:** *Mahogany, Natural Dyes, Stamp Technique, Mordant*