

## ***ABSTRACT***

### ***THE APPLICATION OF NATURAL TEA DYES USING SCREEN PRINTING TECHNIQUE***

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#### ***Abstract***

*Has abundant natural resources that can be used as natural textile dyes. Tea is a potential natural dye that has a good/high success rate with the dyeing technique. This natural tea dye produces a color with shades of greenish brown which is chemically categorized as a tannin color pigment which is a dye with a high absorbency in fabrics. The use of natural tea dyes in the textile industry is still not optimally utilized. Based on this fact, the authors conducted a study that aims to use natural dyes from extracted tea, and will be developed with a different technique, namely the screen printing technique. The author chose this technique because it can provide precise results and has speed in its application on cloth. The method that the author uses in this research is experimentally with the support of literature study data, observations and interviews. Based on the results obtained in the development of natural tea dyes using the screen printing technique, namely by fixation using 2 mordant substances, stronger and more varied colors are produced. with the use of painting mordant techniques that assist in the application of detailed motifs and provide other color variations. This research produces fabrics from natural dyes that can be applied to fashion products according to the characteristics of these natural dyes.*

*Keyword: Natural Dye, Tea, Screen Printing.*

