

SHADE VARIATIONS IN EUCALYPTUS BARK NATURAL DYED COTTON DUE TO POST-TREATMENT WITH ECO-FRIENDLY DYE FIXING AGENTS

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ABSTRACT

In this article we reviewed shade variations of mordanted Eucalyptus bark natural dyed cottons and post treated with different eco-friendly dye fixing agents. Eco-friendly mordants such as Alum, Stannous Chloride and Ferrous Sulphate were used. Eucalyptus bark dye was selected due to its easy availability. A pre-treatment with myrobalan has been given for better dye uptake. After mordanted and dyed cotton sample was post treated with five eco-friendly dye fixing agents such as Alum, Ammonia, Lime juice, Vinegar and Calcium Chloride for Shade variations in Eucalyptus bark natural dye on cotton and analysed.

KEYWORDS: *Eucalyptus Bark Natural Dye, Dye Fixing Agents, Shade Variation, Eco-Friendly Mordants, After-Treatment.*