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Dyeing of cotton with eco-friendly natural dyes obtained from flower of *Plumeria* species using single mordants

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Abstract: Bleached cotton fabric was dyed with natural dyes obtained from the flower of *Plumeria species*. The colour fastness properties and colour strength of dyed cotton fabric were determined and compared. From the comparative study of fastness properties and colour strength of the dyed cotton samples, *Plumeria species* in simultaneous mordanting method with 3% mordant combination gives better results.

Keywords: Colour strength, Fastness, Mordant, Natural dye, *Plumeria species*.

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