



Applications of *Erythrina Suberosa* Flower Dye on Wool Fibers Using Combination of Mordants

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ABSTRACT

The colour fastness properties of the flowers of Erythrina Suberosa dyed on wool were studied using combination of mordants such as lemon juice: copper sulphate, lemon juice: potassium dichromate, lemon juice: ferrous sulphate and lemon juice: stannous chloride in the ratio of 1:3, 1:2 and 3:1. Dyeing along with mordanting techniques which included pre-mordanting, simultaneous mordanting and post mordanting was carried out. Study about fastness tests of dyed clothes was undertaken. Large range of shades was obtained because of varying mordant ratios and combinations. The washing, rubbing, light and perspiration fastness of the dyed samples was also evaluated, giving fair to excellent fastness grades and this evaluation also useful for textile industries.

Keywords: Natural dye, Erythrina Suberosa, Mordants, colour fastness.
