

ABSTRACT

TITLE:

Effect of Hot reactive dyes on bleached cotton woven fabric with different liquor ratios and pick-ups.

OBJECTIVE: -

- ❖ To obtain the economical liquor ratio i.e. (exhaust method) and pick up i.e. (continuous method) with respect to dyeing with hot reactive dyes on bleached cotton woven fabric.
- ❖ To check the colorfastness test with respect to light and laundry fastness.
- ❖ To compare which method (exhaust and continuous) gave best result on bleached cotton woven fabric.

METHODOLOGY:

Experimental method was used in research. In this experimental research bleached cotton woven fabric was treated with 14 variations of dyeing with hot reactive dye (Drimarene X) at 90 C by keeping seven different liquor ratios i.e. (1:5, 1:10, 1:15, 1:20, 1:25, 1:30 & 1:35 L: R) through exhaust method and seven different pick ups i.e. (40%, 50%, 60%, 70%, 80%, 90% & 100% pick up) through continuous method. The dyed samples were than tested with colorfastness test to laundry and light.