

**EFFECT OF CATIONIZATION ON THE SHADE DEPTH AND DYE FIXATION OF  
100% COTTON KNITTED FABRIC: A STUDY FOR EXTENSION OF TEXTILE  
TECHNOLOGY**

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**ABSTRACT**

The present research work entitled "Effect of cationization on the shade depth and dye fixation of 100% cotton knitted fabric" was conducted to study the controlling parameters on the dyeing and cationization of cotton knitted fabric and thus to choose the conditions under which these cationic agents were applied. Dyeing properties (dye fixation and shade depth) of the fabric samples under different variables were examined. Shade depth and dye fixation results were also good for all fabric types treated with different cationic agents. The purpose of the study is to explore the textile research via extension methods to the textile industries.