

FABRIC DESIGNING FOR PRODUCT DEVELOPMENT BY COMBINATION OF WEAVES THROUGH CAD

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ABSTRACT

CAD plays an important role in the creation of new designs and the production processes in the fast changing global trade. Computer Aided Textile Designing software is the new concept for designing in less time of today's era. Computers help to work easily in a short duration and more work with more production also. The application of Computer Aided Design software is used in the fields of weaving, fashion, embroidery, apparels, printing and knitting. Different weave patterns as well as a combination of two or more weave in the development of products are created by Corel DRAW. The present study was conducted in Hisar and Panipat city. Different weave patterns were created through Corel DRAW. A total of eleven different weaves were created. Out of eleven top ranked three weaves were selected for creation of weave combination designs. Total thirty weave combination designs were created. Out of thirty designs top ranked six designs were selected on the basis of experts' preferences. These six designs were selected for preparation of fabrics with different weave combination designs and color combination suitable for the development of the products. Thus, the prepared fabric used for the development of apparels.

KEYWORDS: Designs, Industries, Product, Textile & Weave Combination