

Unusual Draping Fashionable Designs Using Anti-Odor Finishing of Dyed/Printed Synthetic Fabrics

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Abstract:

Textile materials can be exposed to contaminate with microbes during production, usage or storage. One of the results of microbial attack is unpleasant odor. Because the unpleasant odor has a negative impact on textiles and their comfort properties so, there is a need for anti-odor finishing which is classified as "novel finish". The greater use of synthetic fibers and blends in such items as shirts, hosiery, blouses, underwear, etc., has accelerated the need for bacteriostatic finishes on clothing.

The research aims to using modified viscose, viscose /polyester and polyester fabrics were draped directly onto the dress form to execute the fashionable clothes designs for women, as the drapeability of fabrics was enhanced after the Quat188 treatment. And, it adds anti-odor properties as new function designs to taken into consideration while designed these clothes. Firstly, covered the axilla, arm and legs causes these parts contained the highest concentrations of odor- causing bacteria. Secondly, the designs clothes matched with the fashion trends during period of the research, for example asymmetrical balance, one shoulder, buff sleeve, ribbon necklace, and purple; turquoise; olive acid green colors. Tie and dye, transfer printing, embroidery using hand stitches and beads were used to finish these fashionable designs.

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