

## **A Comparative Study of Methods of Filling and Lining the Mannequin and their Conformity to the Shape of the Woman's Body**

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### **Abstract:**

The idea of obtaining mannequins that conform to the shape and measurements of the body has motivated many researchers. Many of whom have considered multiple methods to achieve the exact shape and measurements human of the body. This research adopts the experimental method to study two approaches; one of which is a control group using the traditional method of taking measurements and looking at the mirror throughout the process of padding and stuffing.

The other approach is a mold imitating the shape of the woman body from the front and back where students pose as models to be copied in order to reach the closest possible imitation when going through the padding and stuffing process.

The importance of the research lies in the extent to which the size and shape of the body is achieved during the process of padding and lining mannequins of both the experimental group and the control group.

The research concluded that there were statistically significant differences at the mean level of 0.01 for the experimental group to match the mannequins after filling and lining with the sample body (forward - back). There were statistically significant differences at the mean of 0.01 for the experimental group to match the mannequins after filling and lining with the sample body (Fig. (

The study recommends that further studies have to be conducted to simplify mannequin design and reduce learning time.

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