Employing the flat pattern in the implementation of bachelor students graduation project in the Faculty of Home Economics

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Abstract:
The ready-made garment industry goes through several interrelated stages, and the pattern stage is considered one of the most important stages that the industry goes through. The basic pattern also represents the main factor on which the quality of the product as a whole depends, and in which the element of control and comfort must be available. Good control is one of the important matters that determine the final shape of clothes. Controlled clothing shows the good shape of the body and helps to hide defects, while any error or weakness in the control process distorts the general appearance (10), and the preparation of the flat basic form requires two basic elements to adjust it in a correct way, they are accurate sizes. It represents the body and the additional amount that the body needs to give it freedom of movement in each of its parts and it is used in the preparation of the pattern on either standard size tables or personal sizes, and the success of the flat basic model depends on the lines, curves and darts that represent the basis for controlling the shape of the dress on the body. The pattern is also a map or an illustration for recording sound information about proportions, shape, and position of the main body. It also represents a translation of body measurements including rotations and lengths in the form of a set of lines and curves drawn on paper or cloth to represent the dimensions of the human body according to the measurements that were taken for him in advance. The graduation project also represents a big problem for female students in drawing the pattern, especially if the project is for special occasion clothes because it requires good preparation of the pattern and adjusting the sizes, which is why I was invited to think about employing a flat pattern for drawing and implementing the project in the bachelor's stage. One of the most important problems of the current research was how to employ the flat pattern in implementing and controlling the graduation project. The research aims to overcome the pattern problems in preparing and implementing the final project for the undergraduate stage. The research assumes that there are statistically significant differences between the evaluation of the models implemented by employing the flat pattern in achieving control in terms of the general shape according to the opinions of specialists. One of the most important results of the research was the presence and statistically significant differences between the models implemented by employing the flat pattern in achieving control in terms of the general shape according to the opinions of specialists, where Model No. (3) obtained the best results as it obtained a quality factor of 100% and Model No. (5) on the lowest results, as it got a quality factor of 84%. And from one of the most important recommendations of the research is to pay attention to the application of various methods of pattern drawing in the implementation of different styles of clothing.

References:

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Keywords:
flat pattern, graduation project