

## The use of the laser beam to raise the aesthetic values of boot design

**Prof. Dr. Asmahan Ismail Muhammad Al-Najjar**

Assistant Professor, Department of Garments and Textiles, Faculty of Home Economics - Menoufia University

### **Abstract**

In light of the requirements of development and innovation, technology was the main factor in the advancement of societies and because the beauty of the art of designing clothing supplements is an applied science that needs careful attention in presenting it to the consumer, and in its content it helps to improve the beauty of the art of fashion design. This research is an attempt to present a separate supplement that has been implemented in a new way, which is the technology of laser beams. This supplement is the shoes with the neck. The researcher noticed that recently the interest in implementing shoes with a neck is very large and in various and multiple shapes, including long and short, and accordingly innovation in designs for shoes with a neck complements elegance. The dress for women thus increases the beauty of the costume design. Therefore, the researcher proposed five (5) designs for the neck shoes, and the decoration was implemented using the "laser beam" technique in a specialized factory for the production of the shoes under study, which are the shoes with the neck of various shapes and lengths, and then the designs implemented were presented to the consumer to find out the extent of his acceptance or rejection of the designs during an arbitration form. The results of the research were based on the arbitration form and statistical treatments that the implemented designs were accepted by the consumer, and it was also proven that the five designs implemented had achieved an innovative use of lasers, and that the five designs implemented according to the consumers' opinions had achieved aesthetic and marketing values, in addition to achieving the beneficial aspect as well.

### **Keyword:**

Accessories of clothing, shoes Neck, Light Amplification by Stimulated Emission of Radiation, "lasers".

---