

## **The woman as plastic Icon to create a one-piece print design for women's clothing**

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### **Abstract:**

Studies and research have proven that the composition of the human body varies from one environment to another, there are also environmental factors that affect the proportions and color of body parts, such as temperature and height above sea level. The environment is one of the important and influencing factors in the physical measurements of women which had a clear impact on the artist or designer in the representation of women as a visual vocabulary across civilizations, whether in a symbolic, semantic or realistic form it is one of the most influential and sometimes mysterious visual arts. woman is a source of energy to attract many artists and designers Which requires the disclosure of these fine values and the methods and factors of drawing them and the features that distinguish it in some civilizations and knowing the anthropometric measurements of the face and body in order to get acquainted with the morphological characteristics that differentiate them between different civilizations where the human face is a source of inspiration for many artists in various fields of art and design so for containing plastic elements that carry connotations of aesthetic value and benefiting from this study to create one-piece printing designs for women's clothing.

### **Keywords:**

Women's physical measurements, women's plastic values, one-piece printing design for women's clothing.

### **Research problem:**

The problem can be formulated in the following questions:

- How to benefit from the aesthetic and plastic values of women and what differentiates them in some models from different civilizations, which enriches the field of one-piece printing design for women?
- How can we rely on the analytical study of anthropometric measurements and morphological characteristics to create one-piece printing designs for women?

**Research importance:**

- Study and analysis of anthropometric measurements and morphological characteristics of women and the features that distinguish them in some models from different civilizations.
- Enriching the Arab library by adding a scientific and analytical study dealing with the design of one-piece printing for women by taking advantage of the aesthetic impact of the difference in the environment on the plastic composition of women and it is considered an appropriate scientific study and a reference for those interested in this field.

**Research aims:**

The current research aims:

- Reaching new and innovative formulations in the design of one-piece printing for women by addressing the aesthetic impact of the difference in the environment on the plastic composition of women and what differentiates them in some models from different civilizations.
- Knowing the anthropometric measurements and morphological characteristics of women and the features that distinguish them in some models from different civilizations through the analytical study of the researcher.

**Research Methodology:**

- **Analytical Approach:** Through the analytical study of the anthropometric measurements and the morphological characteristics of women and the features that distinguish them in some models from different civilizations.
- **Experimental approach:** through the study's own experience in creating one-piece print designs for women using specialized computer programs.

**Search terms:**

- **Anthropometric measurements:** It is a Greek word that means the science that studies measuring the parts of the human body from the outside.<sup>1</sup>
- **Morphology:** is the science of morphology in biology, a science concerned with the study of the shape and structure of living organisms and their distinctive characteristics<sup>2</sup>.
- **one-piece printing design:** It is a closed design characterized by centralization and unification and is not subject to any repetitive system characterized by its effects depending on the material and method of implementation used, and the resulting design is more like a composition that links a group of vocabulary and elements to give the idea of artwork in an attractive and unique form, and the aesthetic value increases from the innovative use of textures and free lines, which Deviate from the principles of repetitive designs in the final form.<sup>3</sup>

**Research hypotheses:**

The research assumes that it can:

- Creating one-piece print designs for women by addressing the aesthetic impact of the difference in the environment on the fine composition of women and what differentiates them in some models from different civilizations.

### **search limits:**

- **Spatial limits:** The researcher will study a group of artworks that contain women as a plastic vocabulary in a group of different countries of the world (Egypt - Greece - China - India - Nigeria).

- **Objective limits:**

(1) An analytical study of women as a formative vocabulary in some models of different civilizations.

(2) An experimental study for creating new formulations for one-piece print designs for women.

### **Procedural steps:**

#### **Theoretical framework:**

- Introduction.
- First: The Egyptian Civilization
- Second: Greco-Greek Civilization
- Third: Chinese Civilization
- Fourth: Indian civilization
- Fifthly: African civilization

#### **· Application framework**

· Executed designs.

### **Research results:**

1) The research found new and innovative formulations in the design of one-piece printing for women by addressing the aesthetic impact of the difference in the environment on the plastic composition of women and what differentiates them in some models from different civilizations.

2) Benefiting from the analytical study by knowing the anthropometric measurements and the morphological characteristics of women and the features that distinguish them in some models from different civilizations.

### **Recommendations:**

- 1) Conducting more studies and research on the plastic and aesthetic values of women.
- 2) Conducting more studies on the impact of the plastic values of women in different civilizations on the artist and designer.

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