

Utilizing The Art of Digital Collage to Create Designs for Textile Printed Hanging

Prof. Naglaa Al-Wakeel

Professor of Design, Department of Textile Printing, Dyeing and Finishing - Faculty of Applied Arts - Helwan University
prof_naglaaelwakil@hotmail.com

Dr. Reham Mohamed Abdel Salam

Lecturer at the Department of Textile Printing, Dyeing and Finishing - Faculty of Applied Arts - Helwan University
Reham2roro@hotmail.com

Assist. Lect. Sarah Moustafa Abozeid

Assistant Lecturer at the Faculty of Applied Arts - Benha University
Dr_eid81@yahoo.com

Abstract:

Digital art, which is one of the trends of postmodernism art, has emerged as a historical and natural result of the development of arts in the West, as one of the important examples of technological development in the field of fine arts. It has been taking many forms, it is an extension of the classical fine art and not a substitute for it, and it has many distinctive value as it featured computer as an art broker with a qualitative addition to creativity.

The challenge presented by the digital age confirms that the method of manual collage, which depends on cutting, pasting, displacement or cutting, is still continuing, but with different new ways, that fit with the needs of the twenty-first century and rapid production requirements. The digital collage technology has appeared, which comes through the use of superior digital programs based on an innovative method in the output of collage formations to make variables in one image or combinations of several images in super realistic form, in addition to working to combine many places and times in one design from multiple angles, which gives a new vision of the printed design.

The impact of the computer has become clearer with the spread of drawing programs, but this does not mean that using the computer as a tool eliminates the innovative human aspect of the artist's personality, but rather provides the artist with abundant alternatives in a limited time, which gives the opportunity to choose and synthesize between alternatives when making aesthetic and symbolic decisions.

Keywords:

Digital collage, Designs for Textile Printed, Hangings.

Research problem:

The problem can be formulated in the following questions:

- How to take advantage of computer programs specialized in making printed designs with folk art symbols influenced by the art of manual collage, which enriches the field of textile printing hangings?

- How can we rely on the experimental thought of the art of digital collage to create designs suitable for textile printing hangings?

Research importance:

- Direction towards achieving formative and expressive values through energy and flexibility in using digital collage technology through computer programs to obtain innovative designs.
- Finding different approaches to dealing with the art of collage to produce printed textile works and benefiting from them in the applied experience.

Access to creativity in design through interdependence and integration between the fields of design and printing, benefiting from the data of one and applying them to the other. Attention to the diversity of symbols and elements of folk art within a single design.

- Enriching the Arab Library by adding a scientific and technical study dealing with the design of printing surfaces for hanging fabrics using the art of collage and serving as a suitable scientific reference for those who are interested in this field.

Research aims:

The current research aims at:

- Benefiting from digital collage technology in creating innovative designs through specialized computer programs.
- Achieving innovative relationships between the multiplicity and diversity of symbols of folk art used on the printing surface.
- Take advantage of innovative and creative methods to deal with the art of digital collage to produce printed textile works in the form of an applied experience for the researcher.

Research Methodology:

- **The descriptive approach:** through the descriptive study of the art of digital collage.
- **Experimental approach:** through the student's own experience in creating designs using digital collage technology through specialized computer programs.

Search terms:

- **The art of digital collage:** It is an art that comes through the use of superior digital programs based on an innovative method in the production of collage formations to make variables in one image or combinations of several images in an ultra-realistic manner in addition to working to combine many places and times in one design and from multiple angles, which gives a kind of strangeness and surprise and a new vision of the printed design. ⁽¹⁾
- **Hanging:** The name of hangings refers to everything that is suspended and hanging from top to bottom, and what is meant in this study is fabrics with high artistic values that are designed for the purpose of completing the interior architecture for its functional purposes, by integrating

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the aesthetic appearance of the hangings with its functional purpose by imposing its personality on the space that was created.²>

Digital Painting: It is the process of transferring information from a digital memory to printing materials, and the transfer is carried out through digital files. They are computer printing methods where the printer is connected to the computer, and from which coordinates are made for each of the print design points in length, width and depth. Many types with different widths, Encad in the field of textile printing using a machine or with single widths, and research designs will be implemented in them.

Research hypotheses:

The research assumes that it can:

- 1- Find creative formulations to inspire from the digital collage, in order to reach innovative formulations and benefit from them in the work of printed textile hangings.
- 2- Benefit from the various innovative approaches used by the contemporary artist in dealing with the art of collage to produce artworks

Search limits:

The study presents a new entry, as it takes from the art of digital collage and using symbols of folk art to create innovative print designs that may enrich the field of textile printing.

Procedural steps:

Theoretical framework:

- Introduction to the art of digital collage.
- Digital art and its most important techniques.
- Digital collage methods.
- **Application framework**
- Executed designs.

Research results:

- 1- The research concluded that collage is one of the most powerful artistic methods for expressing the artist's internal and external emotions.

Recommendations:

- 1- The researcher recommends other research related to collage and the use of materials with linking them to all arts (Islamic, Abstract, Cubist, Surrealist and Influencer) because of its relationship to effects, reduction, textures and other photographic works by employing organic or natural media.

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