

Enrich the printed works through the use of plastic values for digital printing

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Summary

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With the advent of various scientific revolutions in fields of computer and the diversity of applied programs that are being used, it has become urgent to use digital arts and techniques in various artistic fields and with the diversity in the rules and variations of art according to modern art schools. The use of computer provides; time and effort saving and increase diversity, which helped to increase the artist's production of various designs and production of large numbers with the same design. The study seeks to find a new starting point for the production of artistic works of printing works as a production line for furniture through the expansion of perceptions of visual vision and emphasis on how to explore modern technological methods in the sense that they are considered a fundamental and auxiliary factor in addition to human intellect and manual work, which helps to increase the work quality.

Research Problem: -

How to use the plastic formative values of digital printing as a digital technique in creating innovative formulations for printed artistic works suitable for furniture production line?

Objective of the research: -

The research aims to take advantage of the plastic values of digital printing, using digital technology in the development of innovative formulations of printed artifacts suitable for furniture production line.

Research hypothesis: -

Fine artistic values of digital printing can be used as a digital technique in creating innovative formulations of printed artifacts suitable for furniture production line.

Research Results: -

Which in turn receives that data and translate it to the image to be printed ⁽¹¹⁾ as digital printing has many advantages.

Advantages of digital printing:

- The possibility of printing any number of copies there is no printing limit.

Featuring more attractive colors.-

. Characterized by Fella technical problems-

. Speed in printing saves time and effort-

. The possibility of printing in different sizes-

-Producing many types of publications such as books, magazines and brochures.

The use of digital printing is spreading with the advent of technological advances in the field of computers and publishing, which increases the degree of color control and hence the high efficiency of printing and increasing the clarity and consistency of colors. Art in general in light of the modern technological revolution "is not without abstraction, but the rate varies from one art to another. From example, Islamic art is more abstract than any other art ^(2-p. 5)

Fine artistic values for prints:

The shape in any painting consists of a group of vocabularies and elements which are being integrated and interrelated.

(A) An empty area surrounded by a general frame, its external shape shall determine its dimensions and proportions.

(B) The set of intertwined, interlocking and cross lines that are drawn in this space.

C - the group of shapes and configurations created by these lines and the spaces surrounding them.

D - a set of colors furnished on the surface of this vacuum.

It may be "enough form to represent something (real or imaginary) and is in a space, and is being determined by color, it is impossible for color to represent something alone but also it is impossible to be dispensed for whatever reason or limits. The infinite extent of red color can be seen by mental imagination when we hear the word red, it evokes a red color without limits. ^(4-p. 80).

The content is: those ideas and visions that the artist seeks to express and embody to embrace them, but it is advisable to mention here that it exhibits the thoughts, visions and beliefs of the artist that can be expressed through the plastic art painting because this painting is a limited expressive space closely related to the expression of visual aesthetic values ^(12-p. 4). The research is concerned with vocabularies, materials and media in the field of printing which lead to massive growth and development of methods of expression.

1-The possibility of creating printed works through the use of a single component digital printing system that is suitable for furniture production line.

2-Fine possibilities of the printed plate in enriching furniture and mattresses.

3-Implementing artifacts with various techniques and methods helped to bring out the artistic vision and create new ways of expression.

4- Employing various techniques of digital printing that helped to develop innovative thought and employ those techniques to suit the functional aspect of the works.

Enrich the printed works through the use of plastic values for digital printing:

As a result of the tremendous development with the advent of the scientific revolution, many artistic activities such as painting, photography, music, etc. turned into digital art using specialized computer programs, digital art took many forms and trends. Digital techniques differ greatly from traditional techniques and they have superiority in the field of digital printing. The idea of this study is to create visual formulations using digital printing as one of the modern technologies to see an innovative digital design to decorate single-printed furniture and "art". Digital art is an art produced by computer. Examples of digital art are images taken by a scanner or images drawn with drawing programs using the mouse or drawing board. The Internet has touched on a new dimension of art, supported by links among the artist, the artwork and the recipient. The Web has become one of the pillars of the success of digital business and is also becoming a privilege for the exchange of information. Digital art began to be used in the 1970s, with computers becoming more popular for personal use. Digital art Since it is directly related to computers, its development is also linked to the development of computers. The last decade of the last century has witnessed a wide spread in the field of digital art, because it is often necessary to build a virtual world that some argue that digital art is not much different from traditional art. It carries the same objective and content "The different execution and presentation tools and the most prominent types of digital art are two-dimensional drawing and this is not much different from traditional art, since it is using computer software instead of paper and brush, these works of art can be displayed through different displays without having to print them, to be a physical version because computer programs are the design of shapes and measurements and sizes and often this type of art is used in the design of paintings, so researchers found the need to pay attention to digital printing to produce artistic works of a single edition, which can make designs for bedrooms such as bed curtains and pillows.

So the problem of the research is summarized in the following question:

The Research Problem: How can we take advantage of the plastic values of digital printing as a digital technique by creating innovative formulations for printed art works that serve as a furniture production line?

Objective of the research: The research aims to take advantage of the plastic values of digital printing as a digital technology in the creation of innovative formulations of printed artifacts suitable as a production line for furniture.

Research hypothesis: The plastic values of digital printing can be used as a digital technique to create innovative formulations for printed art works that serve as a furniture production line.

research importance:

The production of artifacts using plastic values of the digital printer suitable as a production line for furnishings.

Employing one digital design in many printed works suitable as a production line for furnishings.

Search Terms:

Digital printing: It's the art we produce with digital devices. Digital devices are computers, tablets, digital artboards, digital cameras, scanners and more. The development of printing based on the digital system for desktop publishing is characterized by speed due to its abbreviation of many stages of printing, and in addition to this technique that can maintain the consistency of color in the prints by obtaining high quality, and also allows the printing of small numbers)⁶⁽

The printing: "It is printed in color as a drawing or engraving on it.)⁷⁽

Theoretical framework:

Digital art, which is considered one of the trends of postmodern arts, emerged as a historical and natural outcome of the development of arts in the West, and is considered a one example of technological development in the plastic arts. The computer has become a technical intermediary as a quality of creativity and a new imprint of art, and through computer programs many designs or technical treatments are made without the presence of certain rules governed where any designer can devise his own way using the options of many design programs that allow him to work. The artist is keen to create multiple sets of vocabulary and to see these vocabularies combined in different arrangements. That gives the artist ideas for new images useful in his artistic production^(9-p. 5). Digital printing is the translation of the digital system and a transfer to the printing system, which in turn transfer printing to the raw materials to be printed on.

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