

Graphic Tools: Utilization of Glasses and Ceramics in Fine Arts

Shayma Haleem Naji
College of Engineering
Al- Muthanna University
Iraq
Email: neasma11@yahoo.com

ABSTRACT

Fine art is known as "a visual art that is contemplate to have been originate in essence for artistic and creative purposes and evaluate for its beauty and full of meanings. This word "fine" does not express the aspect of the artistry in question, but the cleanliness of practice confers to traditional Western European canons. Graphic art spread expansive range of visual aesthetic interpretation, mainly 2-D, for example produced on a flat surface. Exempt in the view of architecture, where efficient efficacy was accepted, this defines basically eliminate the "effective" applied or embellishing arts, and the products were observed as crafts. In existent practice, these divergence and restraint have become originally meaningless, as the conception or objective of the artist is given authority, disregarding of the means through which this is expressed.

Keywords: Graphic, Aesthetic, contemplate, artistic, traditional, western European, effective, embellishing, authority, expansive.

INTRODUCTION

Art is immensely divergent field of human action hooked in initiate optic, acoustic, or execute commodity artistry that indicate the author's extravagant or high tech art, and are planned to be appreciative. The oldest chronicle forms of art are optic arts, which comprises images or objects in retrieve like painting, sculpture, printmaking, photography, and other optic media. Graphic arts is mainly depends on line or tone of the paintings than colors... lining and tone only decides the how the paintings will be. Architecture is generally constituted as one of the visual arts. However, like the embellishing arts, it constitutes the formulation of objects where the efficient deliberations of use are fundamental, commonly are not in another optic art, like a painting. Art may be represented in terms of pastiche (its representation of reality). Though the interpretation of what composes art is contradict and has altered from time to time, general depiction center on the idea of extravagant or high tech art emanate from creation. When it comes to visually analyze a work of art, there is no single set of values or artistic peculiarity.

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LITERATURE REVIEW

In History, hi- Tech discovery or inventions have made the evolution of graphic art. In 2500 BC, the Egyptians were use graphic arts to symbolize to disseminate their reflection of their thinking's in a written form known as hieroglyphics. The Egyptians wrote and illustrated narratives on rolls of papyrus to share the stories and art with others .Ceramics is the utmost archaic industries before thousands of years ago. When humans invented clay formed in affluence and made into objects. This process is done by mixing with water and then firing, this lead to the invention of an industry, the ceramic which was used before ceramic commodity is dated as early as 28,000 BCE, during the Stone Age. It is a statue of a woman, named the Venus. Here along with this, hundreds formed of clay exhibiting animals was also disclosed near the leftover. The first examples of porcelain arose in Eastern Asia several thousand years later. In the cave in China, remnant of pots dated to 18,000-17,000 BCE has been initiated. Cleanliness of practice confers to traditional Western European canons. Exempt in the view of architecture, where efficient efficacy was accepted, this defines basically eliminate the "effective" applied or embellishing arts, and the products were observed as crafts. Ceramics and glasses used widely in fine arts nowadays Uses of ceramics elevated adequately during the Neolithic period, with the formation of established communities devoted to farming. Starting generally in 9,000 BCE, the ceramics which is clay based became famous as containers for water and food, art objects, tiles and bricks, and their transmission from Asia to the Middle East and Europe. Adequate use of ceramics during the Stone Age, with the formulation of established association devoted to agriculture and farming. Starting generally in 9,000 BCE the outcome made of clay was used as a container for day to day life for storing food water etc... In starting the products were dried in fire with high temperature or in the suntemperature (below 1,000°C glittered porcelain was introduced in Mesopotamia. Factories started creating glass based porcelain in Egypt Improvement in the artifact of ceramics was the discovery of the wheel, in 3,500 BCE. After World War II, ceramics and glass have subsidized in the growth of many automation advanced fields, including electronics, optoelectronics. Modernization in ceramic transformation and classification capability has empowered the formulation of materials with properties that fulfill the demand of personalized applications. In these years, ceramic alteration attained new vigor from nanotechnology, which allowed producer to produce the outcome with lots of properties kike transparency, ductility, elasticity etc.....

Some of the summary breakthrough history of ceramics and glass is provided in the table below

BCE	Evolution
28,000	Ceramic moppet is used for liturgical purposes.
18,000	Chinese porcelain.
18,000 to 14,000	Ceramic porcelain advancement in Eastern Asia.
9,000	Ceramic products were popular for example: tiles stone bricks etc...,
7,000	Natural glass made sharp tools.
5,000	Phoenic merchants possibly make the first glass.
3,500	Simple glass items are fabricated in Mesopotamia and Egypt.



Fig:1 Ceramics based



Fig 2: Glass based fine arts



Fig 3 : Art of Ancient Egypt



METHODOLOGIES

Since archaic times, ceramics and glass has been combined with incredible artistry. Generally 30,000 years ago, clay-based statues were constructed to produce and show animals and spiritual symbols, whereas after some time dated porcelain was formed not only to hold liquids (e.g., water, wine, and oil) and food. Pottery is the most economical and reasonable and boundless type of ceramic art. It endures to be related with local cultures depicting shapes, sizes, and patterns of implication for those people living in to the people living in assured areas, and most often clearly diagnose the area and region of provenance. For example, Native American vases are always symbolized comparably simple diagram in geometrics, in those not used more than four colors. Not only this ...generally are the flowers, animals also painted.

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than this ceramics and glass used in fine arts comprised items used in jewelry and beads.

Ceramics and glass Art are shown as below:

Types	Example
Pottery	
Figurines	

Sculpture



2-D mosaics



3-D mosaics



Jewelry



Tiles



3-D



Stained Glass



Mosaics



Glass paintings



Hanging Glass



Jewelry



Glass



CONCLUSIONS

Occurrence of modernization, fine art become lesser about artistic and altered their concentration more to denounce towards immense conception of art. In the midst this change, the evolution has arrived, which concentrated the concept and intellectual ambition towards autistics. Fine art is one of the arts known. Fine art is known as "a visual art that is contemplate to have been originate in essence for artistic and creative purposes and evaluate for its beauty and full of meanings. This word "fine" does not express the aspect of the artistry in question, but the cleanliness of practice confers to traditional Western European canons. Graphic art spread expansive range of visual aesthetic interpretation, mainly 2-D, for example produced on a flat surface. In 2500 BC, the Egyptians were use graphic arts to symbolize to disseminate their reflection of their thinking's in a written form known as hieroglyphics. Since archaic times,

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REFERENCES

- [1] C. Kittel, Introduction to Solid State Physics, Wiley Eastern Limited (5th Edition).
- [2] Ceramics materials, 2013, The free encyclopedia.
- [3] D.W. Richerson, Modern Ceramic Engineering, 2nd Ed., Marcel Dekker Inc., 1992, ISBN 0-8247-8634-
- [4] Green, D.J.; Hannink, R.; Swain, M.V. (1989). Transformation Toughening of Ceramics. Boca Raton: CRC Press. ISBN 0-8493-6594-5.
- [5] John B. Wachtman, Jr., ed., Ceramic Innovations in the 20th century, The American Ceramic Society, 1999, ISBN 978-1-57498-093-6.
- [6] M.N. Rahaman, Ceramic Processing and Sintering, 2nd Ed., Marcel Dekker Inc., 2003, ISBN 0-8247-0988-8.
- [7] M.W. Barsoum, Fundamentals of Ceramics, McGraw-Hill Co., Inc., 1997, ISBN 978-0-07-005521-6.
- [8] Subedi, M.M., An Experimental Study on Electrical Behavior of (Pb_{1-x}Sn_x) TiO₃ (x=0.10, 0.20, 0.30) Ceramics, Dissertation Submitted to the CDP, T.U, Nepal