Citation: **Afaf Khader (2024), A proposed vision for a set of criteria for judging ceramic works, International Design Journal, Vol. 14 No. 6, (November 2024) pp 79-87**

A proposed vision for a set of criteria for judging ceramic works

Afaf Radi Abdo Khader

Assistant Professor of Ceramics at the Faculty of Specific Education, Damietta University, Damietta Egypt, afafradikhedr@yahoo.com

Abstract:

This study proposes a set of criteria for judging ceramic form based on an analytical and philosophical approach. The research aimed to develop a set of criteria (which the researcher considered to be the most objective) for evaluating the forms of ceramic art based on the basic elements that make up it, including raw materials, formation techniques, form, function, and the aesthetic dimension. The research problem lies in formulating a set of criteria that determine to what standard extent the artwork belongs to the field of ceramics. The importance of the study lies in providing criteria for judging competitions, as well as creating useful criteria for judging students' production in the educational field. The theoretical framework is divided into four categories: standards for materials, standards for forming techniques, standards for ceramic parts, and fire standards. The study aimed to bridge the gap between subjective and objective evaluation of ceramic works. It was concluded that there is a positive relationship between analyzing the ceramic field and developing a set of criteria by which a work of art can be judged and whether it belongs to the field of advanced ceramic art or not.

Keywords:

Ceramic figure - ceramic art - artwork - judging criteria

References:

1- Jared, Hossam Sabah. (2014). Using red kaolin clay to produce low-temperature porcelain. Babylon University Journal, Volume 22, Issue 5.
2- Jared, Hossam Sabah, Munther Muhammad Suleiman. (2016). The aesthetics of the raku technique in British ceramics. Babylon University Journal, Volume 24, Issue 2.
3- Algendy, Muhammad Samir. (2017). An exploratory study of the development of ceramics through the various Islamic eras. International Design Journal, Volume 7, Issue 3, pp. 187-193.
4- Hassan, Diaa, and Salah Mahdi Hamza. (2019) Aesthetics of Exhibition in Hideaki Miyamura Ceramics. Babylon University Journal of Human Sciences, Volume 27, Issue 6, pp. 269-289.
5- Al-Sawalhi, Salwa Ibrahim, Muhammad Suleiman Abu Shuqair, and Muhammad Hammoud Suleiman. (2022). The effectiveness of a proposed educational program in light of contemporary trends in developing the skills of producing contemporary ceramic form among female students of the Art Education Department at the College of Fine Arts at Al-Aqsa University.
6- Abdel Aziz, Dalia Ali Abdel Moneim. (2017). The effect of Fournoy's diagrams on the construction of ceramic figures. Architecture and Arts Magazine, Issue 8.
7- Al-Muqrin, Abeer bint Saad bin Hamad. (2021). Movement and its relationship to the perception of contemporary ceramic form. Journal of Architecture, Arts and Humanities, Issue 2.
8- Baudín C. (2014) Processing of Alumina and Corresponding Composites, Editor(s): Vinod K. Sarin, Comprehensive Hard Materials, Elsevier, Pages 31-72.
9- Chappell , james : The potter is Complete book of clay and Glazes , Watson _Guptill publication , New York , 1977.
10- Kingery, W. D., Bowen, H. K., Uhlmann, D. R., (1976) Introduction to Ceramics, John Wiley and Sons, NY.
11- Lakhdar Y, Tuck C, Binner J, Terry A, Goodridge R, (2021) Additive manufacturing of advanced ceramic materials, Progress in Materials Science, Volume 116, 100736.
12- Meshalkin, Valerii P., and Alexey V. Belyakov. 2020. "Methods Used for the Compaction and Molding of Ceramic Matrix Composites Reinforced with Carbon Nanotubes" Processes 8, no. 8: 1004.
13- Nelson, Glenn. C. : Ceramics A Potter hand book second Edition , holt . Rinehart and Winston, New york, 1966 .
14- Semiz B. (2017) Characteristics of clay-rich raw materials for ceramic applications in Denizli region (Western Anatolia). Applied Clay Science 137.
15- Silva R, Birto J, Lye C, Dahir R. (2017) The role of glass waste in the production of ceramic-based products and other applications: A review. Journal of Cleaner Production 167(1):346-364
16- Tholt B, Miranda-Junior W, Prioli R, et al., (2006) Surface Roughness in Ceramics with Different Finishing Techniques Using Atomic Force Microscope and Profilometer. Operative Dentistry 31(4):442-9
17- Wiśniewska K, Pichór W, Kłosek-Wawrzyn E. (2021) Influence of Firing Temperature on Phase Composition and Color Properties of Ceramic Tile Bodies. Materials (Basel). 14(21):6380.

18- Ulusoy, U. (2023) A Review of Particle Shape Effects on Material Properties for Various Engineering Applications: The wall street journal. Ancient Mayan pottery. Available from Macro to Nanoscale. Minerals, 13, 91.
19- https://www.wsj.com/articles/SB124146466479284317
20- https://www.metmuseum.org/art/collection/search/42532
21- https://www.demorgan.org.uk/discover/the-de-morgans/william-de-morgan/
22- https://www.themarksproject.org/marks/woodman
23- https://www.google.com/url?sa=t&source=web&rct=j&url=https://arab-ency.com.sy/ency/details/2021/1&ved=2ahUKEwiu18WYg7r9AhVtTaQEHRkBDioQFnoECA0QAQ&usg=AOvVaw2eoBFfP7diJso0AUB2i6U2
24- https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.iloencyclopaedia.org/ar/part-xvii-65263/health-care-facilities-and-services/chemicals-in-the-health-care-environment%3Fstart%3D320%26start%3D320&ved=2ahUKEwibjLDsiLr9AhVXUaQEHZTGA9EQFnoECE8QAQ&usg=AOvVaw0ihph-7Dqv5_K7IujUloxV

Paper History:

Paper received June 30, 2024, Accepted August 06, 2024, Published on line November 1, 2024

