

Technical's and phraseologies methods of museums murals according to their functional purposes.

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Abstract:

-No doubt that public museums is one of the main streams in forming cultural and ideal collective thoughts of social individuals, they form the initial seed of new generations' awareness realization, they are also considered a huge vessel to deliver knowledge and national history and civilization manifestation, in some cases they are established for sake of developing cultural and scientific fondness through exhibiting models of geological and natural fossils discoveries. Museums are a useful and important method to ideal and conceptual constructive and mature collective awareness for establishing generations capable to revive their nations and to have smugness and pride of their history and accomplishments, which reinforces affiliations sentiments and the seeking for creativity and all types of knowledge. Museums have different types and also the murals related to them according to the function they were constructed for and the nature of the museums manifestation that they host, there are some museums that the mural painting is considered the only element employed to manifest the national history through them, other types of museums have employed mural paintings to achieve optical illusion that gives the visitor a coexisting experience with the pictorial elements. Other museums are derived to employ mural paintings on their external facades to inform about themselves. The researcher also manifests beside the universal experiences of museums murals, the most important Egyptian ones in this field, which are the murals that document the battles in Panorama of 6th October war, the researcher manifests in his study museum murals and their main specifications and artistic characteristics and differentiation according to the functional purpose of each of them.

Keywords:

Painting-murals-museums-techniques

Research Problem:

- How to employ mural painting as one of the technical solutions to encourage the audience to accept the scientific and historical content in an interesting style?
- How to achieve the consistence between the mural pictorial techniques applied in auditoriums of museums galleries and its assort with the visitors' nature of different levels?

Research Importance:

-Studying the capability of universal museums in handling murals paintings in their auditoriums in a way that suits the nature of their activities through employing 3D techniques in child caring museums or others that use hyper realistic techniques as in historical and natural museums.

-Studying different models of museums mural paintings established for national purposes through manifesting scenes from national history and its important heroic figures due to their importance in imposing belonging sentiment and awareness in a delicate method that mixes the mural picture with historical information.

Research Target:

-Benefiting from the universal experiences in functioning mural paintings of museums in the Egyptian ones, through studying what they include from creativity and enhancements according to the role of each museum and its exhibit content.

- Identifying the fundamental differences between different museums activities and the nature of the mural paintings related to them.

Research Assumptions:

-Mural paintings play a vital role in case of using them in museums auditoriums as a method to manifest the national history and to evoke old scenes from the past ages, to create an illusion vision that breaks the time barrier to bring, in presence in front of the visitors of the museums, the far past with its events and historical models in a form of vivid pictures painted over the walls.

- Functioning mural paintings in museums auditoriums help in increasing the awareness and scientific and historical cultural in an entertaining style, due to the diversities of methods and techniques applied to suit the nature of the visitors and their cultural and ages differentiations.

Research Limits:

-Asia – Europe – America – Egypt

Research methodology:

Analytical study

-Here are some examples from the research museums murals:

- **Museums manifesting national history through murals**

- **Carnegie Museum murals by John White Alexander**



(fig 1) second floor murals series named” Crowning of Labor” in Carnegie Museum

The Apotheosis of Pittsburgh by the American artist John White Alexander, is a series of 48 murals, all painted by Alexander between 1905 and 1915, in the grand staircase of the Carnegie Institute (now the Carnegie Art Museum) in Pittsburgh (figure1), a cultural haven sponsored by industrialist Andrew Carnegie, dedicated in 1895. The paintings tell and glorify the story of the building of Pittsburgh through the kinds of industries that Carnegie ruled and that made him wealthy enough to fund institutions for people devoted to culture and arts.

Interactive murals in Chiang Mai 3D art museum, Thailand

Chiang Mai 3D art museum was opened in July 2013, recently unveiled the world’s biggest 3D art museum called “Art in Paradise”. This is the first of its kind in North Thailand. This gallery was hand painted by a group of artists who flew all the way from Korea. It was founded and funded by the Korean Jang Kyu Suk. The founder elaborated the 3D art museum of Thailand with creative, imaginative and colorful paintings in the form of “interactive art” which needs participation and imagination of viewers. Discover the underwater world, surfing giant waves, crossing wobbly wooden bridges across waterfalls, walk in the park and fighting off dinosaurs. Explore the mysterious land. (figure2)



(figure 2) Interactive murals in Chiang Mai 3D art museum, Thailand

Murals of Smithsonian National Museum of Natural History.

Jay Matternes is one of the best-known scientific artists. His work is part of the collection of the American Museum of Natural History and was featured in National Geographic and Time Publications. He started working with Smithsonian scientists while serving in the Army. Matternes created the Smithsonian museum murals between 1960 and 1975, working with museum scientists and doing his own research to depict specific environments of American national history. Each mural was made for a specific space and exhibition (figure3).



(fig3) Detail from Jay Matternes mural shows a scene from about two million years ago.

**-Recruitment of mural paintings on Museums external facades
Facade mural of National Museum in Tirana, Albania**



(figure4) Facade mural of National Museum in Tirana, Albania

This mural is found above the entrance of the National History Museum of Albania in the capital, Tirana. It dominates the city's central square, making it one of the most recognizable images of Tirana. The mural portrays proud and strong Albanians defending the territory of their country against foreign invaders during every period of the nation's history, including the ancient Illyrians, the resistance to Turkish rule led by Skanderbeg, the partisan fighters of World War Two and the communist era under Enver Hoxha. The museum itself is equally fascinating and makes a great introduction to the complexities of the Albanian history (figure4).

Egypt

Murals in 6th of October War Panorama



(figure 5) detail from the huge mural the rotating platform, 6th of October Panorama

The museum was founded in 1983, to emphasize the military and cultural cooperation between The Arab Republic of Egypt and The Democratic Republic of Korea, commemorate the 6th of October glorious Victory, and document the mighty Egyptian people's heroism. It was inaugurated on the 5th of October 1989.

Visitors sit on a [rotating platform](#) to view a 360 degree war film featuring Egyptian soldiers storming the [Bar-Lev Line](#) on the Suez Canal which is documented on a huge [mural](#). There are also [3D](#) figures on the wall while a narrator describes the war (figure5).

Results

-Mural paintings play a vital role in case of recruiting them in museums auditoriums as a method for manifesting national history and to revive old scenes from passed ages, to create an illusionary vision that break time limit and bring, to museums visitors eyes' sights, the past history with its included events and historical idols in vivid images applied on the walls, which lead to raise the scientific and historical cultural and awareness in an interesting and delicate style.

-Mural paintings applied techniques in museums varies according to the purpose they were accomplished for ,as in child museums which mostly sway to manifest national history scenes and extinct animals images by applying 3D techniques and illusionary visionary to help the visitor to interact as if he is a part of the pictorial scene ,that's why some muralists are derived to attached floors ,walls and side corners drawings together in an impressive skills to create an imaginative environment where the visitor mind can flow with its images ,also child can go out with attached visions and scenes that help in encouraging them in knowledge researching due to the entertaining visionary that they have experienced.

-Recommendations

-The necessity of benefiting from universal experiences in recruitment of mural paintings in Egyptian museums , whereas they need expanding in their utilization due to their role in attracting visitors to watch the museum shows ,while they are covered by the artists' skilful techniques and methods in dealing with images and scenes with innovative colors and designing solutions, as in the Egyptian 6th October panorama museum which is derived to use mural paintings to manifest its war battling scenes on its main internal round cycling auditorium instead of using photographic images ,to achieve an amusing visionary to the audience sights and to create a magical effect that motivate their mind and sentiment and imagination.

- The recruitment of mural paintings with their wide techniques and materials varieties on the external facades of museum institutes, has a high significant importance in characterizing and publishing the museums roles and their artifacts content, also in many times they become a distinctive mark for the institute that help in publishing and attracting tourists towards it, also they help the tourist to acknowledge the museum activities through the widely spreading images of the mural arts applied on its facade , encouraging audience to visit it to check its internal auditoriums manifested treasures .

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