

The impact of the technological advancement on developing the aesthetic form of Architectural facades

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Abstract:

Throughout its history, Mural sculpture has been closely associated with architecture, in terms of historical events or religious functions associated with people's faith and places of worship, such as temples, tombs and palaces in ancient civilizations.

Therefore, the murals were not separated from architecture through different civilizations and ages, but the relationship of mural sculpture to architecture took many forms each with its own style in this equation, it was natural to be influenced by each other, so the murals and architecture were always the brightest face of human civilizations in history.

Then there was the industrial revolution that led to a radical change in production techniques in terms of replacing manual labor with automated work, and then moving from the operating system in workshops to the production system in factories, and also moving from manual machinery to large machinery.

The development of the artistic experience had a close relationship with the development of science and the development of materials and techniques, and sculpture and architecture art is considered one of the most affected by the data of technology and scientific progress because they are linked to many developments of materials, tools and machinery and the direct relationship between materials and formulations.

The relationship between mural sculpture and architectural facades took various forms and patterns as a result of scientific and technological progress, but the beginning of the 21st century produced distinct technical architectural results, although the main driver of it is thinking and art, but the outcome of the architectural models distinct in This century was mostly an explicit expression of technical creativity.

This paper shows a study of the impact of materials and modern techniques on the evolution of the relationship between mural sculpture and architectural facades through the presentation of a range of contemporary architectural models, where the importance of research is to strengthen the relationship between mural sculpture and architectural facades using modern techniques.

Keywords:

Modern Techniques, Modern Materials, Mural Sculpture, Architectural Facades.