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Analytical Study of the Impact of Art-Design Elements on the Design of Urban and Green Spaces

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Abstract. The synthesis of aesthetic and functional approaches holds significant importance in modern urban planning and landscape architecture. In the formation of urban spaces, art-design elements serve not only as means of aesthetic decoration but also as tools for social and cultural communication. These elements strengthen the visual identity of the urban environment, increase the aesthetic value of the space, and positively influence people's perception of and relationship with their surroundings. Various sculptural compositions, decorative structures, landscape installations, and modern design elements applied in the design of green spaces enhance the functional and aesthetic qualities of the urban environment. These elements perform beyond mere decoration; they simultaneously encourage social interaction. Based on the research results, it has been determined that the systematic and purposeful application of art-design elements in urban space design contributes to improving the quality of the urban environment, enhancing the psychological comfort of residents, and preserving cultural identity.

Keywords: *art-design, urban environment, landscape design, urbanism, green spaces.*

INTRODUCTION

The development of modern cities is not limited solely to infrastructure and functional planning. The aesthetic and cultural characteristics of the urban environment are also considered crucial components of urban development. In this regard, art-design elements play a specific role in the formation of urban spaces.

The concept of art-design is based on the synthesis of art and design, aiming to enhance the aesthetic qualities of a space through various visual forms. Art-design elements applied in urban parks, boulevards, squares, and other public spaces allow these areas to be not only functional but also aesthetically appealing.

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The application of art-design elements in the design of green spaces is of particular importance. Decorative compositions, landscape sculptures, installations, and modern design structures placed in parks and gardens increase the visual value of these spaces and strengthen their social function.

In recent years, various studies have been conducted in urban research regarding the social and psychological impacts of art-design elements on urban spaces. This research indicates that an aesthetically rich urban environment positively influences the emotional state and social behavior of individuals.

The purpose of this article is to analytically investigate the impact of art-design elements on the design of urban and green spaces and to analyze modern approaches applied in this field.

1. The Role of Art-Design Elements in the Aesthetic Formation of Urban Spaces

Art-design elements are among the key components playing a vital role in the aesthetic formation of the modern urban environment. The synthesis of art and design holds particular importance in creating the visual identification of urban spaces. The application of art-design elements in urban planning allows these spaces to be not only functional but also aesthetically appealing. In this regard, sculptural compositions, decorative panels, installations, landscape elements, and other artistic design examples serve as essential tools that enhance the visual qualities of the urban milieu.

In contemporary urban projects, the implementation of art-design elements grants the city environment an individual character and uniqueness. These elements shape the identity of urban spaces and allow them to transform into cultural symbols. In many cities, monumental sculptures and decorative compositions are perceived as the visual icons of that location and reflect the city's cultural identity. Kevin Lynch notes that the role of aesthetic elements and symbolic objects is of particular significance in the formation of the urban environment's visual image, influencing how people perceive the city (Lynch, 1960, p. 52).

At the same time, art-design elements help create visual balance and compositional harmony within the urban environment. The harmonious combination of various colors, shapes, and materials ensures the aesthetic integrity of urban

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spaces. This, in turn, ensures that people experience a more comfortable and aesthetically enriched environment. Urban studies indicate that aesthetically attractive urban environments encourage people to spend more time in those spaces and lead to increased social activity (Carmona, 2010, p. 114).

Furthermore, the application of art-design elements allows for the expression of cultural and historical values within the urban setting. Presenting various national ornaments, cultural symbols, and historical motifs through design elements serves to protect the city's cultural heritage and transmit it to future generations. From this perspective, art-design acts not only as a decorative tool but also as a medium for cultural communication.

Consequently, the application of art-design elements in the aesthetic formation of urban spaces contributes to improving the quality of the urban environment, shaping the city's visual identification, and creating conditions for residents to live more comfortably within that environment.

2. The Functional Significance of Art-Design Elements in the Design of Green Spaces

Green spaces are considered one of the most vital ecological and social components of the modern urban environment. Parks, gardens, boulevards, and recreational zones are essential public spaces used by urban residents for relaxation, social interaction, and cultural activities. In this regard, the correct aesthetic and functional planning of green spaces directly impacts the quality of urban life.

The application of art-design elements in the design of green spaces significantly enhances both the visual and functional characteristics of these areas. Decorative pavilions, landscape installations, thematic compositions, and artistic objects placed in parks and gardens not only increase aesthetic appeal but also stimulate the utilization of these spaces. For instance, in modern park design, interactive installations and thematic design elements facilitate more active engagement between people and their surroundings.

Research indicates that green spaces enriched with aesthetic and artistic elements are more frequently used by the public. Jan Gehl notes that the attractiveness of urban spaces and the extent of their use by people directly depend on the aesthetic and social qualities of the environment (Gehl, 2011, p. 89). This, in turn, leads to increased social

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activity and the revitalization of public life within the urban milieu.

Art-design elements in green spaces perform beyond mere decorative functions; they also serve specific functional purposes. For example, decorative pavilions and landscape structures can provide shade and shelter for relaxation. Simultaneously, artistic design elements assist in forming the thematic structure of park spaces and dividing the area into various functional zones.

Furthermore, in contemporary landscape design, art-design elements are increasingly linked with the principles of ecology and sustainable development. Design objects crafted from eco-friendly materials and artistic compositions that harmonize with nature contribute to maintaining the ecological balance of the urban environment (Thompson, 2012, p. 146).

Consequently, the application of art-design elements in the design of green spaces enhances both the aesthetic and functional qualities of these areas, creating a more favorable social and ecological environment within the city.

3. The Social and Psychological Impact of Art-Design Elements

The aesthetic quality of the urban environment is one of the crucial factors directly influencing people's psychological state and social behavior. Modern urbanistic and psychological research demonstrates that an aesthetically rich and harmonious environment creates a more comfortable and safe psychological atmosphere for individuals.

Art-design elements create new opportunities for social communication within urban spaces. Artistic design objects and installations capture people's attention and lead to an increase in social interactions in these areas. People spend more time in these spaces, build social connections, and participate in various cultural activities. In this regard, art-design elements act as a significant factor in boosting the social activity of urban spaces.

At the same time, an aesthetically enriched urban environment positively affects the emotional well-being of individuals. Studies show that public spaces enhanced with art and design elements evoke positive emotions and reduce stress levels (Carmona, 2010, p. 172).

Art-design elements also make a vital contribution to the preservation of cultural identity within the urban environment. Presenting various national ornaments,

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historical motifs, and cultural symbols through design elements serves to protect and develop the city's cultural identity. These elements strengthen the sense of belonging among residents toward their city and increase interest in cultural heritage.

Furthermore, art-design elements positively impact the growth of tourism potential in the urban environment. Various artistic installations and monumental compositions enhance the visual appeal of the city, attracting the attention of tourists and contributing to the formation of the city's cultural image.

CONCLUSION

The analytical research conducted demonstrates that art-design elements play a vital role in the formation of urban and green spaces. These elements perform beyond mere aesthetic functions; they also possess significant social and cultural impacts.

The purposeful application of art-design elements enhances the visual quality of the urban environment, stimulates the utilization of public spaces, and positively influences the psychological comfort of urban residents.

In future urban projects, the systematic implementation of art-design elements can enable the creation of city environments that are more aesthetic, functional, and socially favorable.

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