Plastic and technical utilization of terracotta and colored glass to express local desert environment

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Abstract:
Through picking the Desert as the artistic subject by the researcher to deal with it technically using different mural materials, to reach through the applying and recruitment of different techniques to designing solutions that express the pictorial elements according to the artist visionary and his desire to find plastic art relations of different textures and colouring and pictorial rhythm, to achieve that purpose the artist recruit diversities of materials to gain integration between them inside the border of each piece, the applied techniques varies from flat coloured glass to fused glass in electrical oven in degrees that range between 850 to 950 Celsius above handmade glazed terracotta slabs or above surfaces of manufactured ceramics. Recruitment of mosaic was also applied representing the attaching units working between the glazed terracotta slabs and the colours flat glass adjacent to it in some of the art works, other material that was also applied is the ceramic colours that were fused above glazed ceramic and mixed with fused glass and mosaics in the same art piece, the exhibition also includes series of pieces that combine living elements derived from the desert environment represented by the camels heads painted and treated with varnishes and epoxies materials above coloured glass plates fused over glazed ceramic, the design construction of the exhibition art works in total, the artist seek through it to benefit from the unique glass colours veins to recruit it as a main attaching unit that express the desert environment and formations, and also to innovate plastic relations triggered from the fusing reactions of coloured glass with the black glazing layers in high temperatures, the desert as an artistic subject provides a good chance to recruit mural materials to express it, due to the natural fundamental and constructive formations of different textures that the desert environment includes varying between rocks and sand dunes and hills configurations.

Research Problem: -how to recruit technical diversities of mural materials having different textures and thermal properties to achieve plastic consisting and harmonic editing of the artistic subject.
-how to merge mural materials of different depth levels inside the same art work in a method that doesn’t spoil the design unification. -How to express about the artistic subjects derived from the natural domestic environment through recruiting mural materials to reach designing and technical solutions that evoke the artist visionary.

Objectives: -Mixing between different mural materials to reach plastic art relations that benefit from the diversity in their textures and depth and what emerge from their surface dimensions differentiation to enrich the art work by variegation the rhythm that dominate the vision of the work formulating elements. -Benefiting from the possibilities that the mural materials can provide, especially the coloured glass due to the colourful veins and textures that it includes, which give a plastic sensation that provide rich opportunity for over glazed painting of plastic art elements that integrate with it in both colour and design scheme.

Results: -the desert as an artistic subject provides a suitable space for recruiting mural materials to express about it, due to the natural and compositing structure of the desert which contains elements with diversities of textures of smooth sand dunes and hills compositions, that give opportunity for the artist to recruit coloured glass and fusing techniques of electric ovens, and also recruiting mosaics and ceramic colours to achieve a wide range of this effects by applying different mural painting techniques. -Coloured glass once fused in high temperatures, the reactions that appears on its surface differs according to the type of the glass panel and its chemical composition, and those results varies between apparent cracks of different density or diversities and variances in textures roughness and smoothness, also in the amount of fused coloured veins integration and its reaction with the glazed ceramic tiles underneath it.

References:
**Citation:** Ahmed Ibrahim (2021), *Plastic and technical utilization of terracotta and colored glass to express local desert environment*, *International Design Journal*, Vol. 11 No. 3, (May 2021) pp 101-113


**Keywords:**

- Mural painting
- Mosaic
- Terracotta
- Colored glass