

The Role of Modern Technology in the Design of Contemporary Field Benches

Prof. Faisal Sayed Ahmed

Professor and Head of Department of Sculpture, Architectural Modeling and Restoration, Faculty of Applied Arts, Damietta University

Dr. Maher Ali Abdel Hafeez

Lecturer, Department of Sculpture, Architectural Modeling and Restoration, Faculty of Applied Arts, Damietta University

Researcher. Dina Adel Eleraky

Student remuneration student, Department of Sculpture, Architectural Formation and Restoration, Faculty of Applied Arts, Damietta University

dinaadel2y@gmail.com

Abstract:

The science wheel accelerated in its continuous progress until it produced new environments such as digital medium, nanotechnology and information technology. It has become a prominent role in the design, production and marketing process. It has developed the artistic skill and knowledge of the designers in achieving their future ambitions and overcoming the difficulties. Digital technology has been able to create a virtual reality in which the boundaries and obstacles facing the designer fade away. It is now easy to put the seat design in the vacuum, to show it, to modify it, to study it, to analyze it and to identify all its characteristics before performing the actual seat. Which contributed to enriching the creative ability of the designer. The problem of research is summarized in: Recognition of the effectiveness of the digital revolution in the design of field seats. And how to combine science and art together to get the field seat to keep up with the age in terms of aesthetics and technology. Research Methodology: The researcher used descriptive analytical method.

The main results of the research:

- The digital revolution removed the obstacles faced by the designer in the full imagination of the seat.
- Technology has changed the concept of field seat design.

The Basic Concepts:

1-Technology: is Grecian term derived from "techno", meaning technical skill, hand work, and "logos" means science or study. Hence, the term "technology" means organizing technical skill and knowledge in achieving goals and overcoming difficulties.

Daniel Bell defined it as the effective organization of human experience through rational means of high efficiency and directing the forces inherent in the environment around us to benefit from the physical gain.

Technology is the things that are made of man to change the outside world according to his needs and aspirations. From this point of view, technology increases the effectiveness of man.

2-Contemporary: adapt to the ideas of the times we live in. It is the experience of the present with conscience and behavior, and to benefit from all its scientific and intellectual achievements and to harness them for the service of man and his people.

3- Design: It is a creative activity that is repeated throughout the ages to satisfy the desires of the human according to his needs in every period of time.

key words:

technology_design_stands_style