

The role of innovative technologies in the use of alternative environmental materials for the production of interior and industrial design elements

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Abstract:

No one can deny the great role that technology has played in our lives, the solutions it has given us to many of our problems, the comfort and well-being in all areas of life that it has given us and were not available to previous generations, but on the other hand, technology has caused great damage to humans and to environment. It is therefore necessary for human being to reach a balance between benefits of technology and the damages it brings to it, so that in the end it can achieve the maximum benefit possible with the minimum amount of losses. Therefore, the role of the intellectual trends of the to work on achieving this balance and enables the designer to use all technological potentials with minimal damage to the environment. The idea of the research can be summarized in innovative means that use high technology to adapt alternative environmental materials to produce interior and industrial design elements. The problem of the research is that there is no clear mechanism for the use of high technology to adapt environmentally friendly alternative materials in the production of interior and industrial design elements. The research aimed to identify the modern intellectual trends in design that help to adapt high technology to serve the environment by focus on the role of technology in reviving the use of environmentally friendly materials for the production of internal and industrial design elements and to high light the effect of integrating the newly developed technology with the green design on the production of internal and industrial design elements. To achieve this objective, the research used the inductive methodology of means of Modern technology in the fields of interior and industrial design, and how to employ them to support environmental, alternative raw materials, and then the deductive approach to reach the methodology for the integration of the technological means and environment-friendly intellectual trends. The results of the research are the possibility of adapting the newly developed technology to serve environmental and ecological purposes, and that alternative environmentally friendly raw materials can compete strongly with other industrial raw materials to produce elements of interior and industrial design.

Keywords:

Technology - Intellectual trends in design - alternative Interior and industrial design materials – ecology - green design.