Ideas Generated through Studio of Interior Design Principles (AASTMT)

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Abstract

Students of architectural engineering, continually, deal with complicated, undefined design problems. All the time, such students keep looking for systematic organized curricula that may help them to explore and generate new ideas which could help them to tackle the challenges, and in particular the challenges and problems of internal architectural design. Relying on traditional teaching techniques hinders creativity and deprives students from exploring new ideas and trying different avenues for solving design problems. For such reasons there is a great demand for courses of internal architectural designs that can provide students with tools to develop their creative and thinking abilities. Exploring students' imagination is considered to be a very effective and valuable tool which enhances their techniques to generate new ideas and to develop creative thinking skills and strengthen the flexibility of design thinking. The aim of this study is to combine thinkertoys with design thinking in the course of forming and design basics. They are both practical and applicable techniques as effective tools for generating ideas that are usually called for to creatively solve problems pertaining to internal architectural design.

The study is based on qualitative explanatory approach which combines the methods of collecting and analyzing different data. 60 students participated in the workshop. Analyzed data confirmed the positive effect of proposed techniques on the students' thinking skills and their ability to solve complicate design problems.

Subjective analysis proved the presence of five important comprehensive subjects: doubtful nature, preparedness for initiatives, flexible stand, generating behavior and self criticism as auxiliary factors that may help the student to solve design problems and generate ideas.