Suggested framework to merge Building Information Modelling Technology in the Interior Design education in Egypt

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Abstract:

The construction industry in the 21st century is facing huge challenges, especially with the emergence of Building Information Modelling (BIM) technology, which has produced great development in the fields of architecture especially in the interior design.

Now many companies are designing and implementing construction projects using BIM technology. However, the Building & construction sector suffers from a shortage of experts & specialists with (BIM) skills, as there is a huge gap and lack of skills for this technology.

To meet the future needs of (BIM) skills in the labor market, it was necessary to take serious actions to graduates suits the labor market.

In most of the architectural education syllabus in Egypt, there is a gap concerning (BIM) technology as a result, most of the architectural graduates do not have enough knowledge or skills in using (BIM) technology, which creates a large gap between academia, design and construction industry.

This study is based on analysis and understanding of the most important methodologies include (BIM) technology in interior design education syllabus and and identify the most important challenges faced, then try to develop a framework for the methodology of effectively integrating BIM technology within the architectural education syllabus.

Keywords:

Building Information Modelling (BIM), Architectural Education, labor market