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The Effect Of Building Information Modeling Technology On The Future Of Architecture Education Development In Universities

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I.**A**bstract :

At the beginning of the current century , and with the development of computer technology , a new system based on three-dimensional drawings and modeling appeared with an accurate definition and description of all the elements in the submitted design , with the big development of construction methods and the advancement of the related technology and software, the advantages of the new system were defined and became more specific and relied in many organizations , companies and in design and construction institutions , and this system was called the building information modeling (BIM) .

Despite the importance of the system , its work is limited to the international and large companies ,and there is no clear vision so far for its use in urban development and in the sustainable design of the new communities .

Therefore , this research reviews the importance of the (BIM) system in the construction industry and integrated interactive system , and its role in the process of developing architectural education and the development of academic curricula and its effect on the modern requirements of the education process . and that is by presenting the results of a field study that was conducted on the extent of the spread understating and development of the method of working with the (BIM) system in Egypt and presenting some important recommendations .

II. **A**im of Research:

Achieving a balanced field study showing the extent of the impact of the use of the (BIM) system on the course of architectural education in Egypt , reaching real and objective results from the various academic environments concerned with the research , providing an accurate analysis of the results that lead to develop the capabilities of an architectural education graduate and develop the methodology of how can we update the education in next few years , and setting some important points as recommendations .

III. **K**eywords :

Building information modeling (BIM) , Architectural education , Digital technology in construction , Sustainable architecture , Smart architecture .

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