

## Hand tuft carpets as a model for small enterprises and community development

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### **Abstract:**

The global economic changes forced all countries to adopt new perspectives and trends for sustainable development at all levels. This leads to re-consideration of private investment, which resulted in a new business model is the sector of small and medium enterprises, which has the ability to adapt quickly to these changes witnessed by economic activity. All countries in the world, especially developing countries, have realized the importance of small and medium enterprises, taking into account the relatively large disparity between these institutions in advanced industrialized countries compared with similar institution in developing countries in terms of capital cost. This research work aimed at highlighting the importance of manual carpet industry as small and medium enterprises (SME) to increase the income of the Egyptian family and community development. This research aimed also to clarify the correlation between Egyptian folklore, hand-tuft, and computer science as three effective combination tools to built up SME to achieve economic development. The experimental work comprises designing textile hangouts using hand tuft manner to achieve a set of points concerning how to exploit the available resources and to preserve the requirements of future generations. This research elucidates also the correlation between the success of SMS and creation of new jobs and enhances economic development. The systematic approach that has been applied in this research was depending mainly on inductive method whereas the experimental work was including conducting 4 textile hangers designed using the hand tuft method. These 4-hands tuft hanger was design inspired from Egyptian folklore. The study shows that The implementation of such projects (as a model for SMS projects) consider one of the projects that can be adapted and compatible with sustainable development and that The use of computer in the design of textile hangers has a role that enriches the process of design and supports the designer in the creation of design with a modern vision.

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