

**Adapt knitting techniques to design contemporary furniture****Assist. Prof. Dr. Abdulaziz Saad Alsallal****Assistant Professor Doctor in Interior Design Department - Basic Education College -  
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The Public Authority for Applied Education and Training.**[Mmh.jafar@paaet.edu.kw](mailto:Mmh.jafar@paaet.edu.kw)**Abstract:**

Most of us remember or saw a skilled relative knitting something for someone in the family, and she was patiently weaving row after row with the certainty of wonderful results. This childhood memory inspired many to reinterpret this form of repetition in our modern environment, specifically in the field of interior design. The colors, textures, and curves of all these elements contribute more to creating a warm residential environment that links childhood memories with modern society. Mixing modern interior design ideas with homemade crafts, or inspired by knitting fabric, creates stunning trends in furniture and accessories design, allowing living spaces to be transformed into truly unique rooms with knitting-inspired details. This research includes ideas and designs translated by the researcher through an exhibition combine furniture and knitting to bring warmth and comfort to modern interior design. Also, this research clarified that the expression of beauty lies in the researchers' desire to discover the concept of beauty in ways different from what has been used to it, whether in the field of interior design or fabric design. Once loops are created in a row and intertwined in an artistic way, an ordinary piece of furniture is transformed into a piece. Unique creative art adds charm to the place. The importance of research shows in highlighting the aesthetic value of woven furniture and the researcher's role in renewing the appearance of furniture and accessories using the art of knitting. The knitted industry in the world has developed remarkably and there has been great progress in the technology of manufacturing woven fabrics, which has been popular in recent years due to the properties and advantages that made it superior to that of other textile fabrics.

**Keywords:**

Furniture - knitting - exhibition - interior design

**Introduction:**

People all over the world want to make their home decorating ideas comfortable and attractive. So spending time knitting or looking for knitting-inspired materials for the home can be a great investment that will help create a desirable niche. Knitted furniture accessories have a simple and functional design that adds style to a contemporary interior. The woven textures look beautiful in their simplicity, bringing attractive contrasts to the modern furniture in the rooms. This creates a cool, elegant and welcoming interior and turns rooms into a relaxing retreat. Knitting is an integral part of our lives, it is present in everything we touch and wear. At the same time, emphasis should be placed on designing attractive work spaces and social spaces that focus on communication between people, with an emphasis on luxury, environmental and

sustainable standards for all materials to ensure the protection of the earth and human health. These trends remain increasingly common. Naturally, people are becoming more interested in environmentally friendly designs, old crafts and home decorating ideas that allow to save money on interior decoration. As it can be much easier and cheaper to make woven covers for furniture than re-upholstery, so the designer remains preoccupied with the style, texture and color of the finishes that he chooses for the furniture.

**Research problem: The research problem can be formulated in the following questions:**

- How do you mix the idea of simple hand knitting with furniture design?
- Can innovative furniture designs be created with weaving style?

Is the simple weaving style furniture sustainable?

- Does the public accept hand knitting furniture?
- Can the sustainability of the furniture shape be changed to a more beautiful piece with the knitting style?

**Research objective:** The research aims to create new designs by hand knitting and shaping them in interior design.

**Importance of the research:** The importance of research appears in highlighting the aesthetic value of woven furniture and the researcher's role in renewing the appearance of furniture and accessories using the art of knitting. The knitted industry in the world has developed remarkably and there has been great progress in the technology of manufacturing woven fabrics, which has been popular in recent years due to the properties and advantages that made it superior to that of other textile fabrics.

**Research methodology:** The researcher addressed the research topic by following the descriptive and analytical approach through two axes:

The first: an analytical study of the art of knitting.

The second: the use of the applied approach through the creation of an exhibition of knitted furniture.

**Research limits:**

**Spatial boundaries:** the art exhibition in the College of Basic Education and the exhibition hall in Al-Shaheed Park - State of Kuwait.

**Temporal boundaries:** 2018.

**Executive applications of research**

In the first semester of 2017, cooperation took place between the researcher from the Department of Interior Design and the researcher from the Department of Home Economics in the College of Basic Education - The Public Authority for Applied Education and Training - State of Kuwait to create an exhibition at the level of Kuwait to present innovative ideas for merging between Knitting furniture. From here, planning for the exhibition began, and the following steps were followed:

- Determine the products that are required to be well implemented after a field visit to the places of sale of raw materials and the manufacture of furniture.

- Study and determine the best production methods.
- Choose the most suitable materials according to the use and the available budget.
- Determine the general shape of the exhibition.
- Starting to implement products.

Designing and implementing various types of furniture, in which diversity was taken into account in terms of the materials used and the field of use to suit the largest possible tastes of the exhibition visitors. This role is entrusted to the first researcher, as he is a specialist in designing and manufacturing furniture. The process took place in three stages:

- Designing the piece of furniture and determining the places for sewing in it.
- Executing designs in the carpentry workshop if it is wooden, and at the blacksmith's shop if it is metal.
- Sanding, finishing and dyeing furniture in colors commensurate with the agreed upon knitting colors.

While the role of the second researcher, after getting acquainted with the craft and creative skills of the home economics students, the doctor trained them in the method of knitting after a full explanation of the tools and materials used in addition to getting acquainted with the craft, its origins and the requirements of the contemporary market. The fabrics needed to implement the exhibition ideas were produced in knitwear and hand-crocheted styles that were combined with the furniture and accessories.

### **Results:**

- It was possible to reach a set of various design solutions by studying and analyzing different knitting methods to devise new interior designs in an innovative way and to apply them in practice in the real world. It was found that the innovative designs in this research were appropriate according to the sensory, aesthetic response and point of view of the community members.
- Collaboration between different disciplines leads to product quality levels that improve it
- The arrival of the design to innovative solutions that can change the color, material, style and texture with the stability of the same structure that leads to the design of sustainable furniture
- Designing furniture by referring to simple hand knitting methods helps in the environmental sustainability

### **Recommendations:**

- The necessity to develop this type of design because of its positive and stimulating response, and to make use of this study in designing many other products.
- Directing designers in various fields to cooperate in innovative thinking to give multiple solutions that enrich the field of design in general and interior design in particular.
- Supporting the local interior design industry to increase its capacity for creativity, development and competition in the local and global markets.
- Conducting more studies to delve into the decorative elements in knitting to increase the innovative capacity in the field of interior design and furniture

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