

Combining the art of textile printing and applique art to produce designs suitable for children's clothing

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Abstract:

The art of applique is one of the folk arts and legacies left to us by our ancestors over the years. The present research is concerned with reviving this ancient art and integrating it with the art of printing textiles for unconventional designs printed on children's clothes. The pastes used in the printing of these designs are pigment, glitter and flock. Each of these pastes has a special installation and printing method, and also differ from each other in the method of installation in terms of time and temperature, as shown by the research and the designs were printed using the silk screen and in the case of printing flock silk screen is used to print the adhesive and then use the flock in the application of color on them. The current research attempts to deal with different printing presses and the methods used to apply the pastes on it.

Research problem:

The research problem can be summarized in the following question:

How can you combine the art of applique and the art of textile printing to produce one-piece print designs?

Research goals:

- 1- Access through research and experimentation to new ideas to enrich the art of printing textiles.
- 2- To develop new techniques in the field of textile printing.
- 3- Identifying the composition of the Floke paste and how to apply it to different printing surfaces.
- 4- Determining how to obtain a variety of print textures.

Research hypotheses:

- 1- The art of applique and the art of textile printing can be combined to enrich the designs of one piece (T-shirt, dress) of children.
- 2- Innovative design and aesthetic dimensions can be added to the printed design using the remnants of fabrics, fur and accessories.

Research importance:

- 1- Combining the design and applied aspects of the research experience.
- 2- Highlighting, installing and applying the Floke printing technique.
- 3- Preserving an important artistic aspect of our folklore (the art of the Khayamiyya).
- 4- Determine how to benefit from the integration of the art of printing textiles and applique art.

Research limits:**Objective limits:**

- Studying the art of applique and the art of printing textiles.
- Studying the composition and methods of printing various printing presses (Floke - Pigment - ... etc).
- The researcher designs silk screen designs.
- Integration of textile printing and applique art.

Time limits:

The researcher designs children's clothes for the age group 4-6 to suit the fashion lines for the year (2016 – 2017).

Spatial limits:

The researcher carries out the practical experience of the workshop of the Faculty of Applied Arts, Damietta University.

Research Methodology:

This research is followed by the descriptive method: in describing the methods of printing with the philosophy of its steps and methods of implementation.

Experimental Methodology: Experimenting the integration between the art of printing textiles and applique art.

Search terms:

The Art of applique : "A method for creating different decorative effects by assembling small pieces of fabric next to each other in different ways, resulting in the production of designs of large sizes and distinctive forms"⁽¹⁾

It is also known as "the creation of new fabric pieces by reshaping a multicolored space, multiple patterned fabrics, using old cloths and re-weaving them to produce new textiles"⁽³⁾

Uses:

- Put beauty on the pieces of clothing and accessories or mattresses or pillows, and others.
- To hide the defects found in the clothing or artistic pieces as a hole or other.
- Execution of wall paintings and spare parts integrated (applique) only.
- Strengthen areas that are subject to friction and damage such as: knee or elbow area.⁽⁴⁾

Application of Flock:

A silk screen is designed with the design to be executed. The adhesive is then applied through the silk screen on the fabric. Immediately thereafter flock is applied to the wet adhesive. The fabric is dried at room temperature or in the dryer, and finally cleaned by removing excess flux from use.⁽²⁾

Practical applications:**Design(1)****Design(2)****Research results:**

1-It turns out that it is possible to take advantage of the fabrics to make rich and innovative designs, which is called applique art.

2-It has been shown from practical experience that the combination of more than one art, such as the art of printing and blending, and the combination of more than one type of printing, gives richer designs that attract the attention of children.

3-It turns out that flock is given a prominent texture as a velvety texture and needs a high temperature for installation (160 degrees).

References:**Arabic References:**

1 - Shaimaa Abdul Rahman Mohammed Iraqi: "art patch work innovative style in the design of ready-made clothes for Egyptian women" - PhD thesis - Faculty of Applied Arts - Helwan University - 2011.

Foreign References:

1- http://www.swissflock.com/english/dokumente/Textilbeflockung_e.pdf

2- Caroline Crabtree,Christine Shaw,"Quilting,patchwork,Applique", a world guide.

3- https://www.google.com.eg/?gfe_rd=cr&ei=ijmnV7qQE-OP8QfU5Li4Cw&gws_rd=ssl#q=%D9%85%D8%B9%D9%84%D9%88%D9%85%D8%A7%D8%AA+%D8%B9%D9%86+%D9%81%D9%86+%D8%A7%D9%84%D8%A3%D8%A8%D9%84%D9%8A%D9%83

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