

Linking the structural design of the costume and the decorative design to the creation of printed fashion coping with international fashion trends

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Abstract:

The structural design of the building process and the planning of the exterior construction lines and details of the internal parts is considered as the most important factor for serving the human body and achieving comfort, meanwhile, the quality of raw materials with innovative techniques, which are used in the implementation, plays an important role in the construction of the costume and its external structure and thus its aesthetic, and structural design is which determines how to construct and determine the lines and shapes of the parts to be designed, and also help in the development of structural design and a link to the decorative design to add aesthetics of the change of external construction. And decorative design will be applied in the subject of research through the use of various dyeing and printing methods so that the printed designs are carried out in line with the structural design to become more elegant and beautiful.

The decorative design enriches the value of the implemented design and impart more glamor to it therefore, linkage between structural design and decorative design is considered as one of the important success factors for the design and a major reason for competition in global market.

Based on the foregoing, the research will aim at the following points:

- The role of structural design in costume design.
- Decorative design is important in costume design.
- Linking the structural design of uniforms and decorative design through various printing and dyeing methods.
- The creation of fashion designs in line with the global market depends on the linkage between structural design and decorative design.

Introduction:

Fashion design is the first step to complete an idea in a satisfactory way that brings pleasure and satisfies of people needs and desires. It help organizing visual elements of the artistic body. It is connected to basic elements such as line, shape, color, distance, light, surface contact. The design must be a preliminary planning or a method of main characteristics that can be implemented, and the arrangement of these elements or details that the designer ultimately creates a work of art according to the style or approach he sees, expressing his sense or inclination, so that the design becomes a United Expression in the core of the direct perception through the availability of organizational relationships between the various uniform composition elements.

Though this research, we will address one element among other elements of the design construction of the costume to create innovative aesthetic relationships enriching the design values by using the method of linking the structural design, from the lines and forms of the parts, to be designed for the uniform and the decorative design out of the printed by using integrated multiple techniques with innovative lines and apply that experience to the graduation projects for fashion students to allow them to reach the possibility of creating a fashion that competes with the global market with innovative ideas.

Research problem:

- Fashion designs to have a relationship between the elements and foundations of the design lines of the uniforms and the elements and foundations in the design and decorative design.
- Lack of new materials or constructive decorative techniques in the innovated uniform.
- Developing the mentality of students who are determined to carry out their innovative experiments to reach new ideas that compete with the global market.

Research Goal:

- Creating an aesthetic design relationship between the structural lines of the dress and the printed design to enrich the value of the innovative dress.
- The use innovative raw materials in designing and to be linked to the printed design to reach an innovative aesthetic relationship that enriches the value of the design
- Developing the creative and developmental thinking in fashion studying among students and directing them to use the courage in thinking and techniques used to reach an innovative costume that competes with the global market.

Research hypotheses:

- There is an aesthetic relationship between the basics and elements of costume design and printed design through innovative printed fashion designs.
- Access to the creation of new materials and innovative printing methods, enriching the aesthetic value of the uniforms and the competition to compete in the global market.
- Graduation of creative students with distinctive minds that competes with global market.

Research results:

Through the application of the idea of research on a group of students in the design of clothing through the proposed hypotheses, the following results have appeared:

- Research has shown that the reshaping of raw materials in the field of fashion gave high artistic value to innovative designs in the creation of new innovative materials.
- The use of different printing methods and their integration with the style of the raw material used in fashion designs has a significant impact on the development of printed fashion designs to keep up with the global developments.
- Integrating the method of forming the material and the different printing methods, considering the aesthetic design relationship between the structural lines of the dress and the decorative design, which enriched the value of the innovative costume.
- This study led to the development of creative and innovative thinking in the study of fashion among students and the use of boldness in the thought and techniques used to reach the costume of an innovative competitor to the global market.

- Linking the basics and elements of the design of the costume in the structural and decorative designs of the printed form of the value of creative printed designs.

Research recommendations:

- Motivating students in the field of printed fashion towards new and innovative materials.
- Developing educational curricula in universities and institutes that study textiles in all its specialties in printing and fashion and transfer knowledge to students to enable them to provide a new and distinctive technical vision in line with global ideas.
- Link the academic side to the practical side and the labor market and encourage the owners of factories to benefit from students' designs.

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Hanging Designs Applied

Innovative ideas illustrate the surface treatment of raw material from students' work



Surface formation experiments are carried out using the collage method, laser cutting, monoprint printing techniques and Silk screen printing



Surface formation experiments are carried out using different materials such as copper, beads, leather and various materials of fabrics



Experiments on the formation of the raw material using printing techniques using monoprint and foil printing

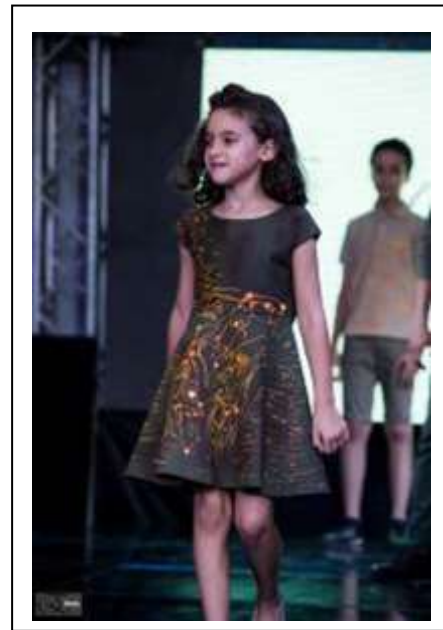


Experiments on the formation of the raw surface using printing techniques with monoprint and embroidery techniques

Models of fashion executed



The designer adopted the design of the raw surface on the integration of laser cutting technique and the technique of printing in the style of painting and painting, emphasizing the link of decorative design performing the structural lines of the uniform and create an innovative and innovative relationship to the uniform.



Fashion designs for children The formation of the material surface is based on monobrint printing and the direct drawing to emphasize the design lines and laser cutting to emphasize the structural lines of the design of the innovative costume.



The design relied on the formation of raw surface on the printing of monobrint in the floor and then distributed pieces of geometric shapes cut by laser technology to link the decorative and structural design of the uniform.



The designer relied on the formation of the raw surface through the structural design of the laser cutting in the raw fur through the horizontal lines emphasizing the texture element



The design of the raw surface is based on the combination of monoprint and silk screen printing and direct drawing. The elements of the decorative design are emphasized and the structural lines of the garment are emphasized by using the "Patch Work" technique for printed materials, enriching the value of the innovative design that is suitable for different ages.