



# Recreating Garments Designs Waste as a New Fashion Trend

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### ABSTRACT

In the recreation and reusing of old clothing in different ways we are using our imagination, so it is essentially a celebration of expressing ourselves. It can be a challenge to make old clothing look good. Old pieces of clothing and who might want a chance to bring them back to life. Garments become fashion waste when they no longer fit, cease to appeal visually and ideologically, or are superseded by a superior version. This research aim sees available garment materials as a kind of fabric semi-finished product. It combines with the characters of clothing style and utilizes new design thought and craft to further change available fabric appearance style. Recreating fifteen garments designs waste to give them second life by repurposed, re-construction, re-cut and adding decorative elements (embroidery, stitching, threads, crochet techniques, and discharge printing) to change original appearance for a new fashion trend.

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### 1-Introduction:

Garments become fashion waste when they no longer fit, cease to appeal visually and ideologically, or are superseded by a superior version. Do you have a stack of clothes that hang unused in the closet but you are just refusing to give them away. It doesn't take much effort for some basic projects like converting long into short pants, or a jacket into a cowgirl dress. You can upcycle old clothes in various ways. Use an old T-shirt to make a shopping bag or transform it into a new cool scarf. Have a look at these creative ideas and start sorting out your clothing for the season.

Many popular fashion designers and fashion students have come up with some truly innovative unusual and incredible ideas created amazing garments using waste and discarded materials such as cloth, cans, plastic, and paper. Recycling and sustainability is gaining popularity and people are becoming day by day more aware of it.(1)

Styling old clothing is one alternative to buying mass marketed pieces, whereby you can change your items of clothing around so they create different looks. In the recreation and reusing of old clothing in different ways we are using our imagination, so it is essentially a celebration of expressing ourselves. It can be a challenge to make old clothing look good. It's also a lot more difficult and time-consuming to rework old clothing, as it all needs to be ripped up and recut and so presents a real challenge to a designer.(2)

Repurposing of garments through reconstruction or other secondary uses does save energy, water, and carbon emissions as compared to fabric and garment production from "virgin" materials. Increasing the amount of textiles that are recycled – whether to be worn again repurposing or in the other ways make useful. Good design is based a clear understanding of the end user.(3)

The concept of art recreation is related to one design of garment materials. It is to promote aesthetic artistic effect of clothing and used fabric. It combines with the characters of clothing style and utilizes new design thought and craft to further change available fabric appearance style and improve

existing fabric quality and artistic effect, which would make the potential aesthetic perception which fabric has obtain the best development.(3,4)

Artistic Adding decorative design on clothing material often add the same or different material on the surface of existing material to change original appearance effect. The common techniques are sticking, embroidering, pasting, hanging and lifting.(5)

Recycle - best out of waste: Re-cut and sew vintage clothing, or use unusual materials to create truly different fashions, recycled clothing is the greenest option.

Re-Construction - second life: For achieving the psychological and functional utility of a fashion product, the design process was modified to design two life cycles for one fashion product. Also, the transformation of one life to the other was planned in the design process itself. A thorough research about long term fashion trends is important in designing the extended life cycle of the product. A designer can incorporate simple and convenient methods to transform a product from its first life to its second life. As shown in Fig.[1], a tunic top after complete utility can be converted into a backpack by the user with slight manipulation.(6,7)



**Fig 1. Recreating old tunic to a back pack.**

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Ecofashion must have all the same qualities as regular fashion.(8) The redesign of old materials into new fashion products has become popular at the beginning of the 21st century. Reuse and redesign is sometimes called an eco-efficiency approach.(9)

Garments become fashion waste when they no longer fit, cease to appeal visually and ideologically, or are superseded by a superior version. Once bought, an estimated 21% of annual clothing purchases stay in the home, increasing the stocks of clothing and other textiles held by consumers, according to Recycling of Low Grade Clothing Waste.

Consumers react to changes in fashion, both in clothing and household interior designs. Seasonal changes in fashion mean that clothes can become outdated very quickly, and this encourages the replacement and disposal of outdated, yet good quality garments results in issues of over consumption and disposal of unused clothes leading to burdening of the resources throughout the world.(10)

Anita Quansah London is a designer from London who produces eclectic, stylish and expressive one-off pieces of clothing and neckpieces. She studied textile design in Chelsea College of Art and Design London and since graduating, she has been working with recycled textiles to create original pieces as shown in Fig.[2].(11)



Fig 2. Anita Quansah recycled textiles to create original pieces.



Fig 3. Anne-Valerie Dupond hand-sews these sculptures.

And by Using reclaimed textiles or worn clothes, French textile artist Anne-Valerie Dupond hand-sews these sculptures on commission as shown in Fig.[3].

Reuse and redesign need no changes in current consumer practices, so it is easy to accept. And since we have huge amounts of textile and clothing waste, redesign has begun to be a popular and trendy fashion design approach.(12)

This research aim sees available garment materials as a kind of fabric semi-finished product. It combines with the characters of clothing style and utilizes new design thought and craft to further change available fabric appearance style. Recreating garments designs waste to give them second life by repurposed, re-construction, re-cut and adding decorative

elements to change original appearance for a new fashion trend by final grade clothing and textile dept. students to begin a popular and trendy fashion design approach.

## 2-Experimental work:

**Materials:** old used garments, sewing threads, trims, buttons, crochet threads, canava threads, buttons, and leathers stripes.

**Technique:** different sewing, embroidery, stitching, threads, crochet techniques, and discharge printing.

## Steps of recreating:

-Choose some old used fashion waste to recreate new fashionable trendy pieces.

-Repurposed every garment piece to increase life cycle.

-Re-construction and re-cut garments to change the end use.

-Decorative the garments by different methods used embroidery, stitching, threads, crochet techniques, and discharge printing.

## 3 – Recreating garment designs:

There are fifteen recreating clothing waste by three students in final level from textile and clothing specialty.

### Recreating garment design (1):



Before

After

### Recreating garment design (1) Created by Aya Mahmoud.

**Materials:** A pair of jeans, canava threads, and buttons.

**Modifications:** Cut a pair of jeans above knee - fold the hem line to above and fixed it by decorative stitch - stitch the buttons.

### Recreating garment design (2):



Before

After

### Recreating garment design (2) Created by Aya Mahmoud.

**Materials:** Jeans skirt, wool threads, and metal buttons.

**Modifications:** Cut jeans skirt above knee - draw a strapless shap and cut it - fix a metal buttons in front and back - make a tie from wool threads in side line .

### Recreating garment design (3):



Before After

**Recreating garment design (3) Created by Aya Mahmoud.**

**Materials:** Jersey skirt, decorative belt, stretch, hook, buttons, and stripes.

**Modifications:** Cut skirt about 50 cm for length, put a belt to close the bag. Make a bagy pocket, and fix a hook and button then make a bag hands.

**Recreating garment design (4):**



Before After

**Recreating garment design (4) Created by Aya Mahmoud.**

**Materials:** Jersey blouses, dish, and scissors.

**Modifications:** Cut a blouse to a circular shape by using dish. Cut blouse into several layers, cut a layer to spiral shape, and collect stripes by using plastic accessories.

**Recreating garment design (5):**



Before After

**Recreating garment design (5) Created by Aya Mahmoud.**

**Materials:** Tunic, threads, and satin stripes.

**Modifications:** Cut the tunic from waist line, and fixed it from shoulder line. Collect the open waist line in draping shape, and tie the other side by satin strip.

**Recreating garment design (6):**



Before After

**Recreating garment design (6) Created by HebaAllah Fathy.**

**Material:** cotton red blouse, cotton blue thread, blue leather stripe.

**Modification:** cut front in two sections, cut back to stripes, cut hollow inside line. Leather thread attached inside line pass from hollow inside line to back. Crochet stitch with cotton thread around blouse edge and sleeve edge.

**Recreating garment design (7):**



Before After

**Recreating garment design (7) Created by HebaAllah Fathy.**

**Material:** Black t-shirt, multicolored wool thread and multicolored cotton rope.

**Modification:** Cut sleeves and clean the armpit by crochet by wool thread. Cutting side line and sewing it by chain stitch by wool thread and embroidery front of t-shirt by colored rope.

**Recreating garment design (8):**



Before After

**Recreating garment design (8) Created by HebaAllah Fathy.**

**Material:** Cotton magenta dress jersey, cotton dark red thread, grey stripes, and broad elastic.

**Modification:** The first tie the dress and put it in chlorine for discharge printing then cut the upper part of dress to waist, cut the edge of dress to two Section and gathering it by elastic. And add decorative crochet belt to waist.

**Recreating garment design (9):**



Before After

**Recreating garment design (9) Created by HebaAllah Fathy.**

**Material:** Blue denim skirt, plastic buttons, cotton rose thread, pink lace stripes, and pink buttons.

**Modification:** Cut skirt to knee then separate the skirt side by scissor, cut part of skirt back which contain pocket and sew it in waist, made two stripes and sew in waist, decorative the front with buttons and finished the edge with lace.

**Recreating garment design (10):**



Before

After

**Recreating garment design (10) Created by HebaAllah Fathy.**

**Material:** Blue denim skirt, cotton threads, colored (yellow, orange and red) stripes.

**Modification:** Cutting the pockets for bag cover, and two rectangles. Then sewing them from the sides then cut smaller rectangle for the bag base sewing it in the bottom. Made two stripes for the bag hands stitching them in the back, adding some decoration in the bag front.

**Recreating garment design (11):**



Before

After

**Recreating garment design (11) Created by Sarah Sharaf.**

**Materials:** Jeans fabric, blue Jute fabric and blue cotton Scarf.

**Modification:** The scarf and jute treated in solution consisting of water and chlorine for discharge printing. Then drying and pressing took place then cut the sackcloth. After that cutting the required size 30x30 size. Sewing the pieces together, and cut strips of scarf then sew and assembled with each other to work the form of flower. It is sewn strips with face pillowcase and installed. It is decorated with a group of blue beads by install glue.

**Recreating garment design (12):**



Before

After

**Recreating garment design (12) Created by Sarah Sharaf.**

**Materials:** Baby blue shirt and strips of lace.

**Modification:** Cut the collar and the sleeves from armhole. Close the center front by sewing. Determine the place of strips of lace and then stitch in the front face. Cut under the strips of

lace to be transparent. In the back cut in the upper part of shirt and then made ruffle. The edges were decorated with the hand stitch by gradient color thread.

**Recreating garment design (13):**



Before

After

**Recreating garment design (13) Created by Sarah Sharaf.**

**Materials:** Olive green old sporty cotton pants and embroidery threads.

**Modification:** The first step was to determine the length of bag by measure the length from the waist to hip (front rise). Draw the base of the bag from the pants leg and then cut it. After cutting the base sew it with the bag and collect together with ruffle. Cut the hand of bag from the other pants leg. Stitch the hand to the bag. The orange strip on the waist band of pants it is also used to close the bag from the top by pulling it. The embroidery threads were used to decorate by simple embroidery stitches.

**Recreating garment design (14):**



Before

After

**Recreating garment design (14) Created by Sarah Sharaf.**

**Modification:** Cut the nick line and the armhole of T-shirt. Cut the hem line of T-shirt and then take wide stripe of the open dress to make ruffle. Steady this stripe with the edge of t-shirt to make ruffle by rubber. Used thin sponge to make the shape on the front. Cover the shape of sponge by the fabric of the open dress and fix it by decorative stitch. Finish the nick line and armhole by zigzag machine stitch.

**Recreating garment design (15):**



Before

After

**Recreating garment design (15) Created by Sarah Sharaf.**

**Materials:** Dark green knitted top, and embroidery threads.

**Modification:** Making the skirt pattern. Putting the pattern on the top and cut the skirt. Sewing the back and front. In the back made split in the center and closed with button and buttonhole. In the front steady part of the sleeve on the front of skirt and embroidery with threads. Made the decorative shape by the embroidery stitches.

#### 4. Conclusion

- Reused materials as cheap materials to designed fashion by different recreation methods.
- Recreating and recycling fashion waste represents a new fashion trends and give the garments a second life.
- Use of fashion waste encourages the current thinking on recycling and sustainability.
- Enabled logical understanding of the design process by the design students. It enhances an ability to understand and apply long term fashion trends.
- The extended life of a product in order to use resources to its optimum level. Enables designers to create unconventional and innovative designs against an obsolete fashion product.
- The long term fashion trends is important in designing the extended life cycle of the product. A designer can incorporate simple and convenient methods to transform a product for the best usage resulting.

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