

# Perceptiveness of Uniforms for Female Security Population in PSG College of Arts & Science

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**Abstract:** *In a world where security threats are increasingly prevalent, having a strong and reliable defence is more important than ever. In order to protect people, businesses, and properties, uniformed security officers are essential. Uniform for female security population in PSG College of Arts & Science in Coimbatore a garment which has evolved from being a functional work to comfortable security uniform accepted by working women's uniform. where but it has some difficulties due to climatic condition in particular area and has some difficulties faced by female regular day struggles to understand the preference of choice of women security uniform the protect finds a solution for security uniform for women population in PSG college of arts & science. By renewing the outfit with easy access. A wear study conducted with the newly designed security uniform conclude the design from final survey result under the condition of comfortable*

**Keywords:** uniform, comfort, climate, design development

## 1. Introduction

The aim of the study is to understand the fabric material silhouette of female security population in PSG College of arts and different layers and parts of a uniform is in direct contact with skin devaluation does not focus only on its conditions and properties but also on sensor perception of the fabric. The main purpose of this layer and different part of uniform is to transport heat and moisture from the skin to the surface on way of assessing the comfort of the government is testing garment under defined conditions and standard in the laboratory for testing saree overcoat had and made for 100% natural fiber chemical fiber and also mixed fiber for the composition where chosen, aim of this study has the aim to give a solution and alternative option of fabric materials and silhouette.

The four elements of wearing security uniform are neatness cleanliness, safety and military image. Functionality is one of the for most requirement for any government this project is changed to add a such functionality to one of the most comfort garment in security uniform accept uniform is a multilayer of garment which is cover and design for top and top to bottom of a particular person The aim of the study is convert a security uniform into comfortable manner as they are simpler lighter and more flexible to wear.

## 2. Objectives

- 1) To study about the current uniform.
- 2) To analyses the requirement of security personnel with respect to uniform.
- 3) To design and construct the new uniform.
- 4) To assess the subjective evaluation of uniform.

## 3. Methodology

The methodology of this project includes a survey which plays a major role when applying a new concept and to get to understand the need of women securities population so that we can fulfill them with our ideation



## 4. Result and Discussion

The two most important stages in the research process are analysis and interpretation. Every business choice is founded on the analysis of some facts. Having access to accurate information is crucial for making informed judgments. Data analysis becomes the focus once the data starts to come in. The management just cannot handle this much of data in row form. In order for such data to be effectively used for decision - making, it must be presented in an appropriate and condensed manner without losing any pertinent information. Graphic aids can help the audience understand complex concepts or procedures more quickly when a lot of figures need to be presented.

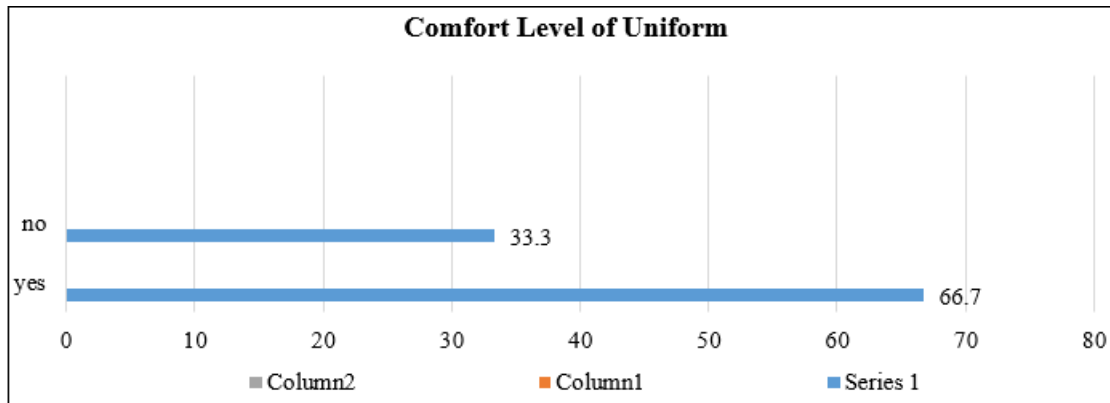
## 5. Analysis of Data

### 5.1 Comfort Level of Uniform

Comfort level of the uniform is taken survey among workers with their personal experience with the fabric and material used and respondents are taken shortly with yes or no options

**Table 1:** Comfort level of uniform

Comfort Level	Percentage
Yes	66.7
No	33.3



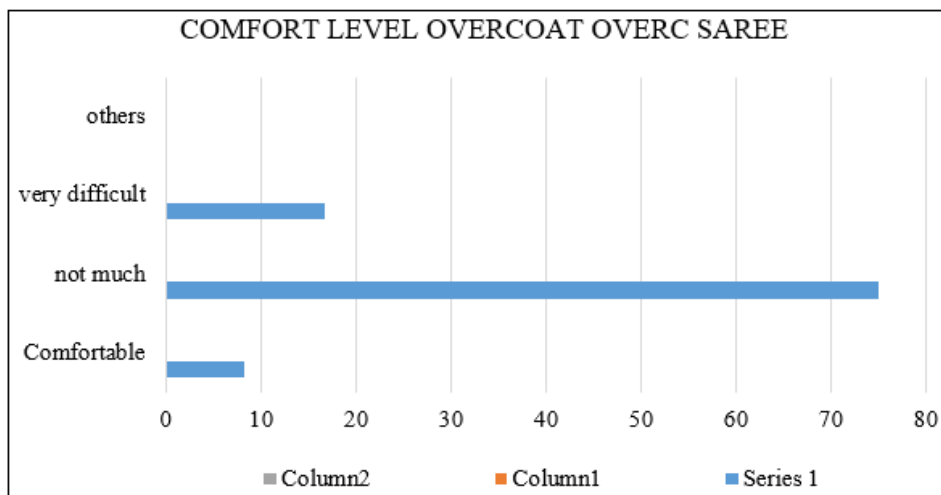
**Figure 1:** Comfort level of uniform

**5.2 Comfort Level of Overcoat Over Saree**

Comfort level of overcoat over saree is not much comfortable for workers and they face difficulties due to changes in climatic condition respondents care taken under own experience of workers.

**Table 2:** Comfort level of overcoat over saree

Levels	Percentage
Comfortable	8.3
Not Much	75
Very Difficult	16.7
Others	0



**Figure 2:** Comfort level of overcoat over saree

**5.3 Wash Care**

Wash care is most important factor in maintenance of any fabric most importantly cotton fabric needed high level of wash care. Here daily wash and 2 days once wash is mostly followed by the workers due to climate conditions.

**Table 3:** Wash care

WASH CARE	%
daily	41.7
Two days once	5.83
weekly	0
monthly	0

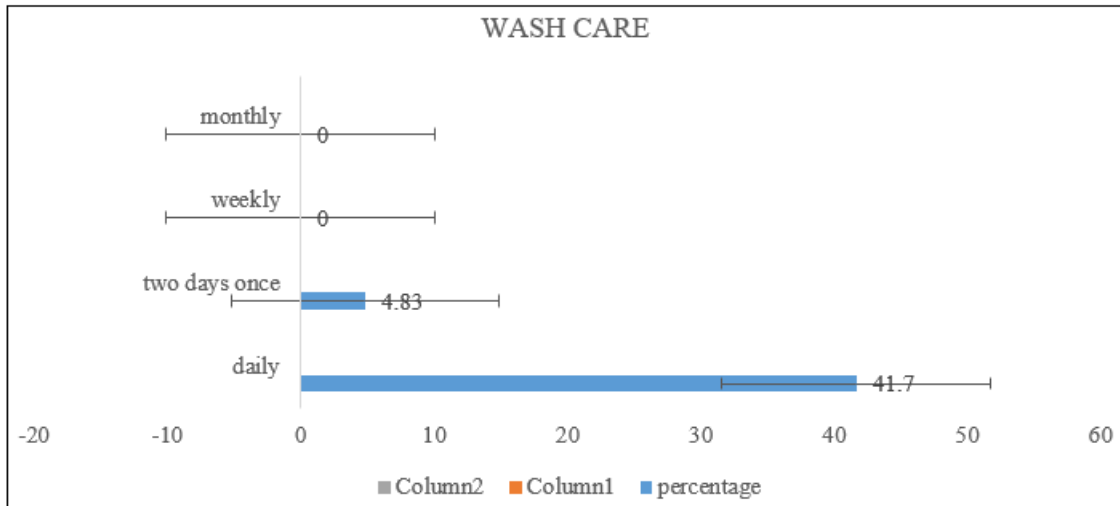


Figure 3: Wash care

5.4 Climate Adaption

Climate adaption is important analyses of my topic because due to the difficulties facing in climate change cause the fabric fade make the materials quality low etc. here are survey of the climate adaption four types physical features of an area. Summer is the only season workers facing more problem Adaption level is low.

Table 4: Climatic adaptation

Climate	Response	Percentage
spring	2	16.7
summer	0	0
autumn	3	25
winter	12	100

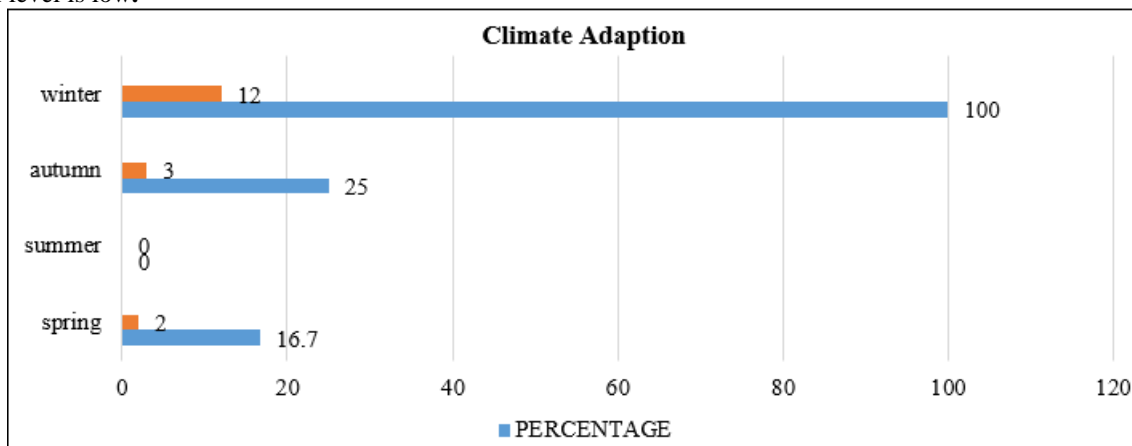


Figure 4: Climatic Adaptation

Sleeve Pattern

Sleeve pattern is part of the garment according to the survey short sleeve is preferred by the workers and comfort factor of the climate too.

Table 5: Sleeve preference

Sleeve types	%
Full sleeve	0
short	66.7
¾ sleeve	33.3

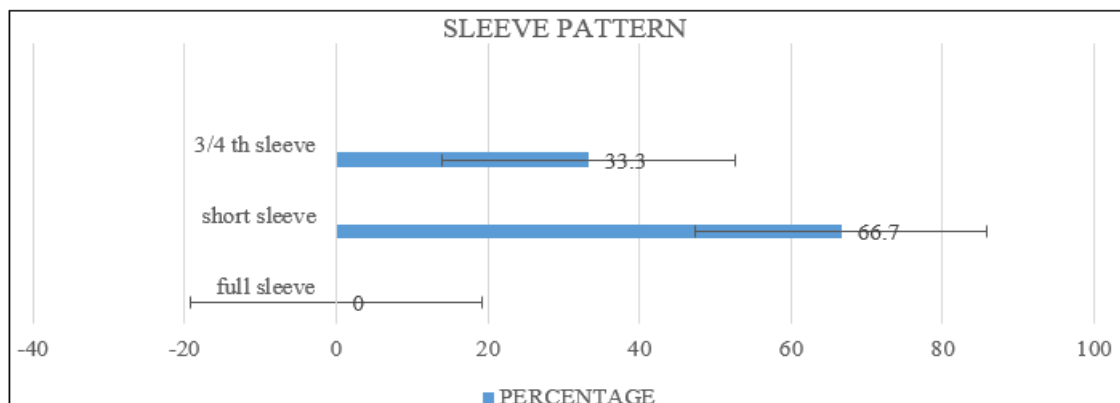


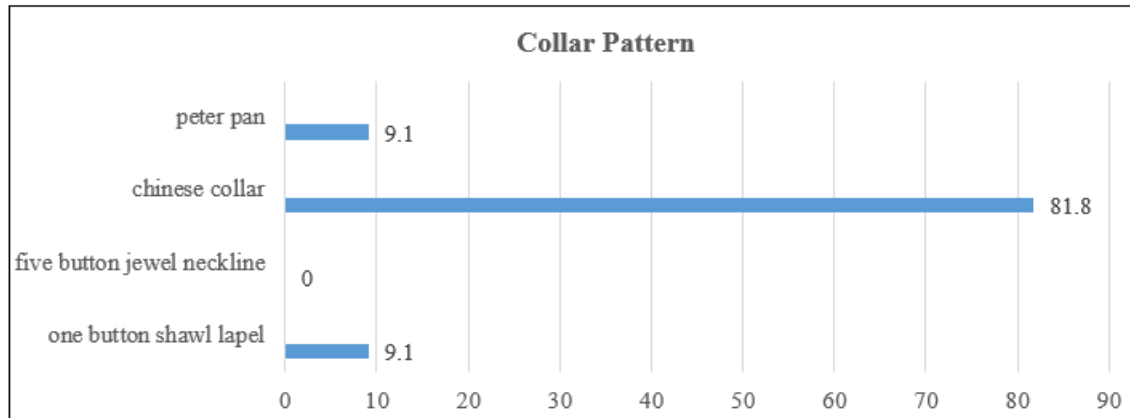
Figure 5: Sleeve preference

**Collar Pattern**

Collar pattern survey is used for construct and make changes in overcoat. Because due to heavy collar workers are feeling were difficult to wash and maintain if incase there is a option for changing collar what will they prefer is taken in this particular survey Chinese collar has got high level of percentage through workers preference.

**Table 6: Rate factor of collar pattern**

Collar Pattern	Percentage
one button shawl lapel	9.1
Five button jewel neckline	0
Chinese collar	81.8
Peter pan	9.1



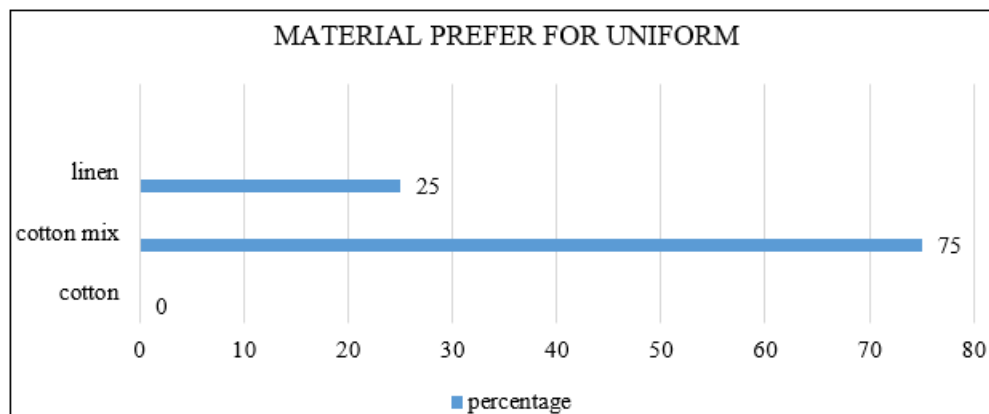
**Figure 6: Rate factor of collar pattern**

**7. Material Prefer for Uniform**

Choosing of Material will give perfect quality, user friendly, easy to maintenance extra. mostly for uniform cotton mix are used for easy drapery and comfortable to wear. pure cotton is not used because of high level of shrinkage. Other type of fabric material does not suit for security uniform.

**Table 7: Material prefer for uniform**

Material	Percentage
Cotton	0
Cotton mix	75
Linen	25



**Figure 7: Material prefer for uniform**

**6. Conclusion**

In conclusion, female security uniform for PSG COLLEGE OF ARTS & SCIENCE in Coimbatore, Is personally interviewed and collected details from all the working female securities. In essence uniform current security uniform that is saree overcoat which is converted into top, patiyala pant with overcoat specification like zip both sides pockets Which was so helpful for my project work to come out with new alternative design for female workers so that the can wear comfort uniform in all the climate with new pattern

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