

Topic of my presentation

*“Special Yarns”*

# Introduction

**Special yarn are those in which some deliberate decorative discontinuity or interruption is introduced, of either color or form, or of both color and form. This discontinuity is incorporated with the intention of producing an enhanced aesthetic effect.**

**The demand for yarns with structural or optical effects is due to the special aesthetic and high decorative appeal to the woven, knitted materials, and other textiles as well. Textile materials that are produced using yarns with effects find applications in normal and high fashion clothing.**

# Different types of Special / fancy yarns

- ✓ **Gimp Yarn**
- ✓ **Spiral or Corkscrew yarn**
- ✓ **Marl Yarn**
- ✓ **Covered Yarns**
- ✓ **Composite Yarns**
- ✓ **Chenille Yarn**
- ✓ **Chainette Yarn**
- ✓ **Ribbon Yarns**
- ✓ **Tape Yarn**
- ✓ **Fasciated Yarn**
- ✓ **Slub Yarn**
- ✓ **Knop Yarn**

# Use

Such yarns are also used for decorative textiles like,

- ✓ Curtains
- ✓ Carpets
- ✓ Ladies and children Outerwear
- ✓ Decor materials and textile fabrics in the corporate sector, as for example in the trim of a car or textile furnishing of a hotel lobby are becoming more and more important.

# Marl Yarn

This is the simplest among the special yarns and is made by twisting two different colored but same count of yarns by doubling process. It is different from normal double yarn in the sense of texture.



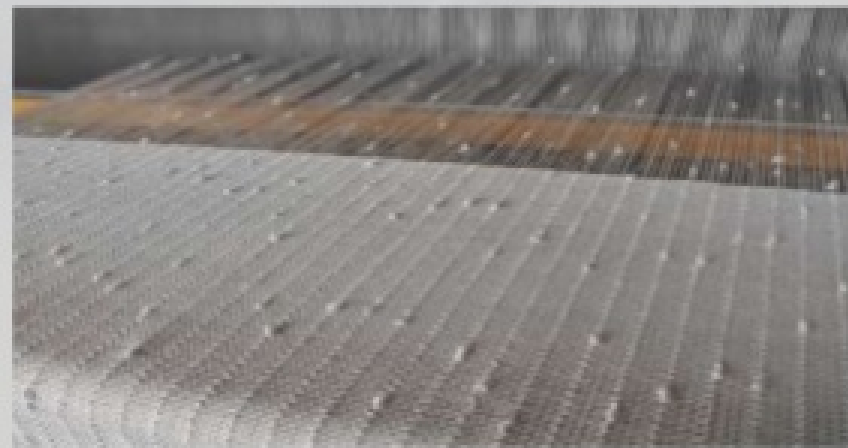
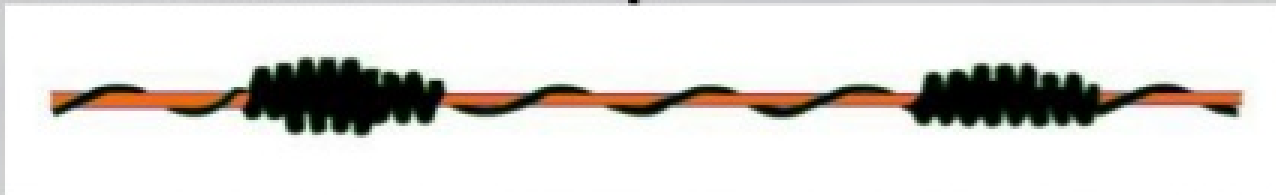
# Spiral or Corkscrew yarn

A spiral or corkscrew yarn is a plied yarn that displays a characteristic smooth spiraling of one component around the other. In figure shows the basic structure, which is straightforward, except in the differing lengths of the two yarns involved, very similar to the structure of a marl yarn.



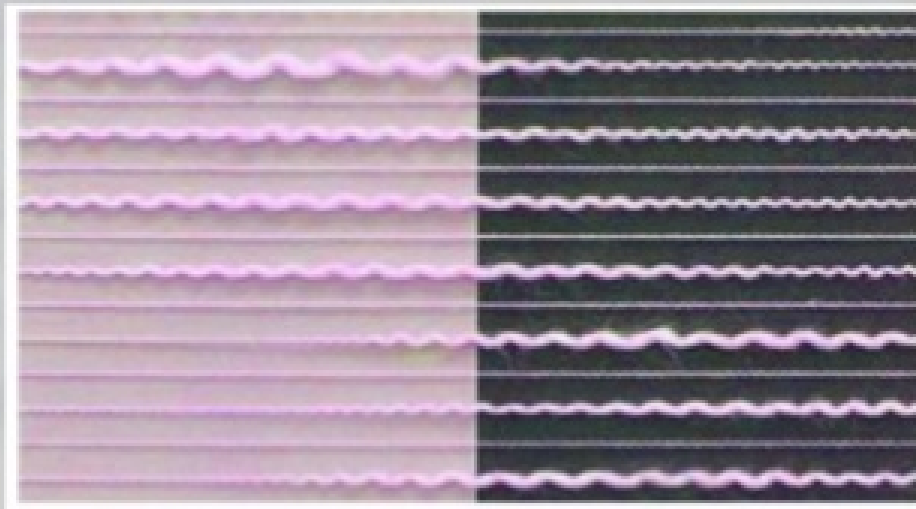
# Knop Yarn

- ✓ A knop yarn contains prominent bunches of one or more of its component threads, at regular or irregular intervals along the length.
- ✓ it is normally produced by using an apparatus that has two pairs of roller.
- ✓ The insertion of twist collects the knopping threads formed into a bunch or knop.



# Slub Yarn

- ✓ Slubs are thick places in the yarn.
- ✓ Slub yarn is one in which slubs have been deliberately created to produce discontinuity of effect.
- ✓ the slub may be three or four times thickness of the base yarn, and the increase in thickness may be achieved within a short length of yarn.
- ✓ slub yarn are normally use for decorative purpose.





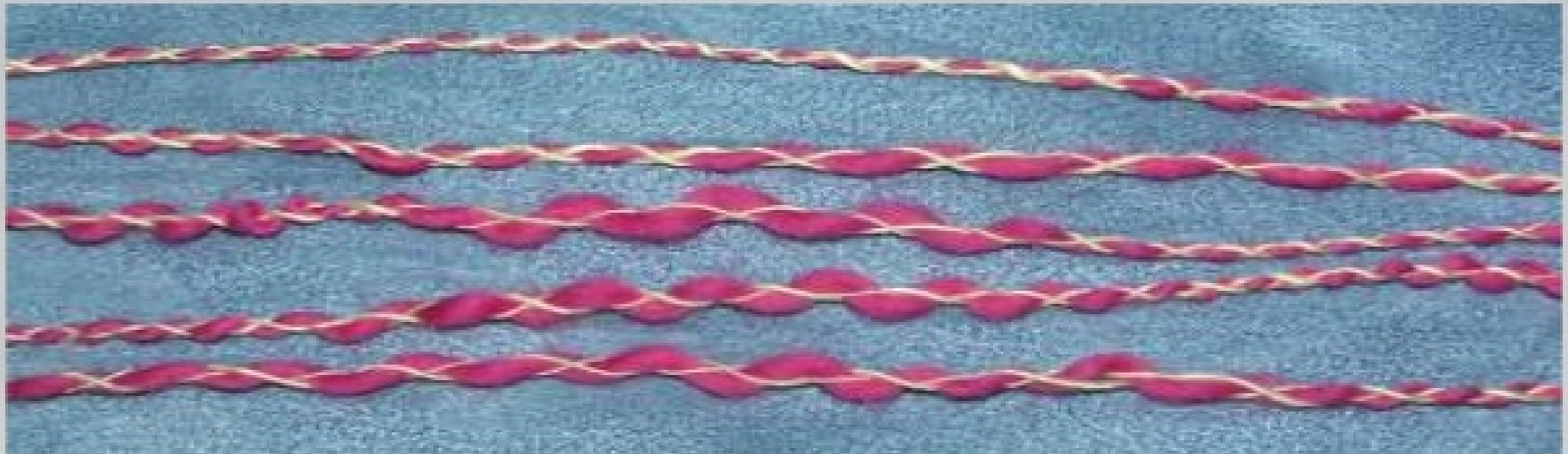
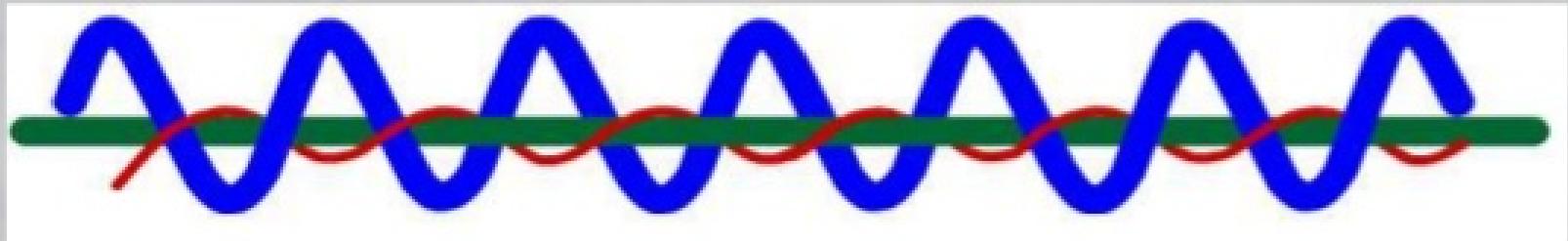
# Loop Yarn

A loop yarn consist of a core with an effect yarn wrapped around it and overfed so as to produce almost circular projection on its surface. Figure shows the structure of a loop yarn.



# Gimp Yarn

A gimp yarn is a compound yarn consisting of a twisted core with an yarn warped around it so as to produce wavy projections on its surface. The structure is shown in figure-



A photograph of a blue sky with a white question mark made of clouds. The text "Thank you" is written in yellow, cursive font across the middle of the image. The photo is framed by a white border and is placed on a light-colored surface with blue, fibrous material on the left and right sides.

*Thank you*