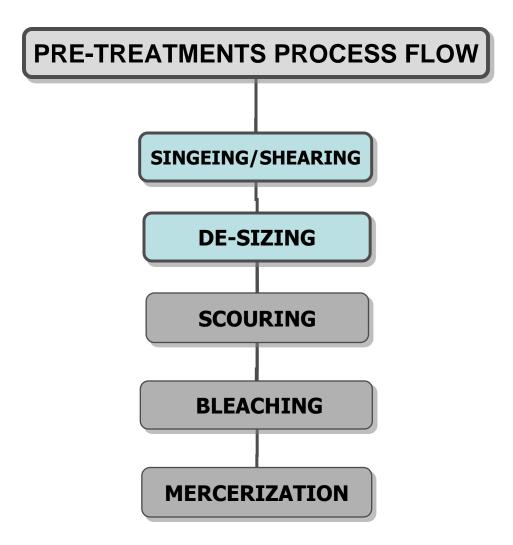
Importance of Pre-treatment

- Pre-treatment have same importance as coloration and finishing of textile materials, about 60%-70% faults that appears in processing unit are due to inadequate pretreatment process.
- Textile Pre-treatment, consider to be a series of cleaning operations starting from the raw state of fiber, and lays the foundation for the quality in textile processing.

Objectives of Pretreatment

- The main objective of textiles Pre-treatment is to produce a clean and absorbent cloth or to pass the textile materials by standard procedure; so that, it may brought to the state; which can be dyed or printed and finished with out any hurdle and displaying any kind of faults.
- 1. Projecting fibers
- 2. Natural impurities (Fats, natural pigments, mineral substances and seed particles).
- 3. Artificial impurities (Sizes, mineral oils, fungus, rust and coloring materials).



Summary of Pre-treatments Process

Stage	Objective	Types of Process
Singeing/ Shearing	Removal of Projecting fiber.	By burning or by cutting
De-sizing	Removal of starches.	By Extraction
Scouring	Removal of Natural & artificial impurities.	By Extraction
Bleaching	To provide whiteness.	By oxidizing
Mercerization	To provide luster and increase absorbency.	By Swelling