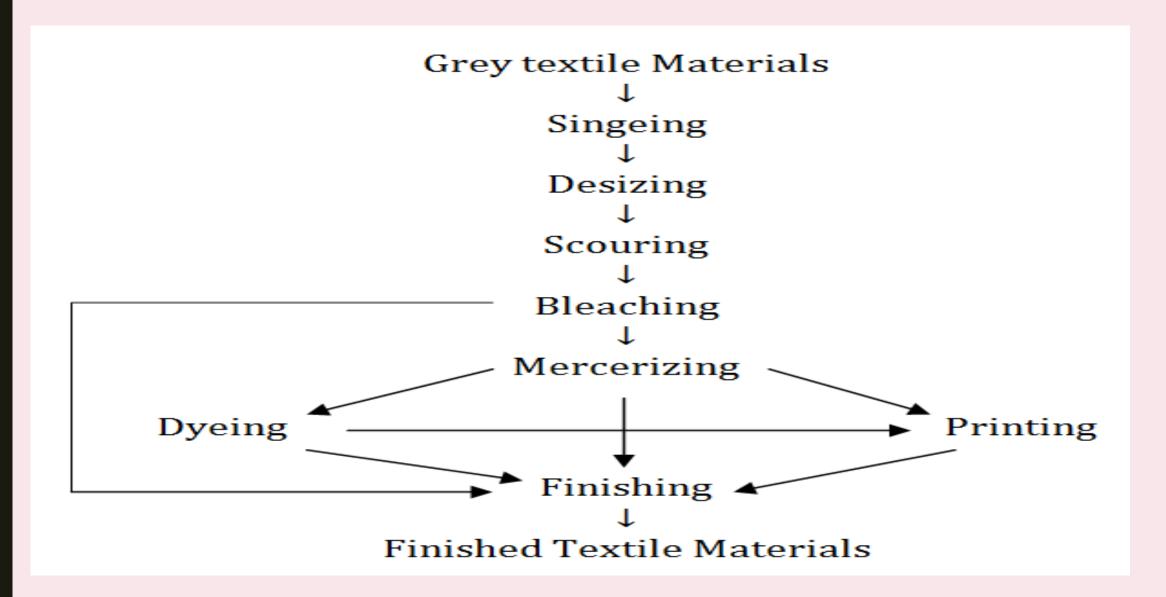


Basic flow chart of textile wet processing for Woven Fabric:

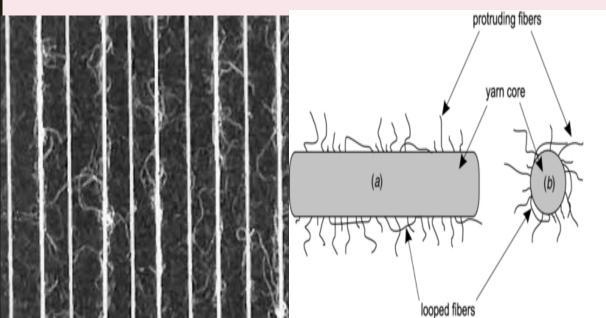


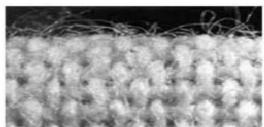
Stages of Textile Wet Processing for Woven Fabric in brief:

Singeing:

To remove projecting or protruding fiber by burning process

Projecting fiber having length min. 3mm=Hairy fiber





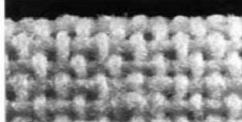


Fig. 1a. Fabric before singeing Fig. 1b. Fabric after singeing



Singein g is a process of burning protruding fibres from a textile structure.

Textile Wet Processing by Tanvir Ahmed Chowdhury



Scouring:

To remove natural and added impurities

Natural Impurities: Oil, wax, Fat, etc.

Added impurities: Dirt, dust, etc.

Substance	Content	
Cellulose	88 - 96 %	_
Pectin substances	0.7 - 1.2 %	
Wax	0.4 - 1.0 %	
Proteins	1.1 - 1.9 %	
Ash	0.7 - 1.6 %	
Other organic components	0.5 - 1.0 %	
Source: [186, Ullmann's, 2000]		





Bleaching:

To remove natural color from the fabric

Generally Fabric become White

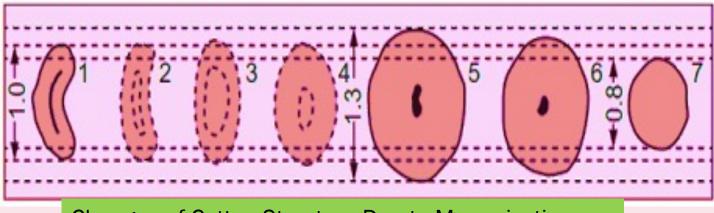






Mercerizing:

To increase Strength, Absorbency & lusture of the fabric.



Changes of Cotton Structure Due to Mercerization







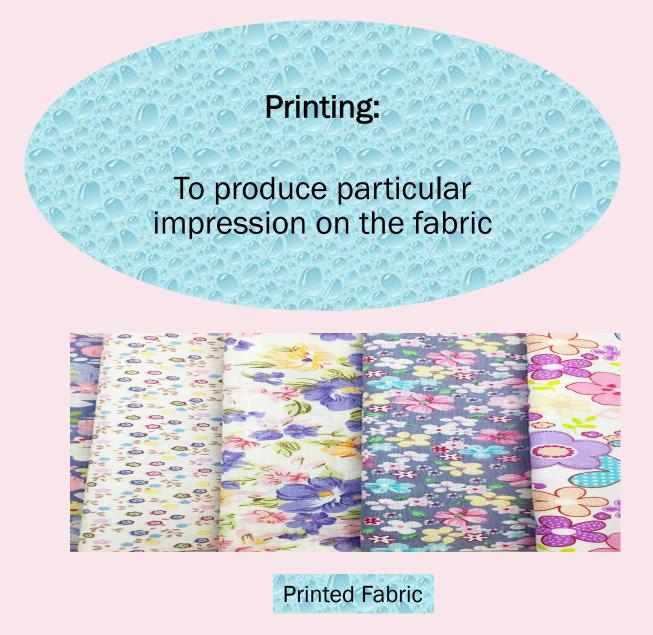


Dyeing:

Generally to produce continuous color to the fabric



Dyed Fabric



Finishing:

To add extra features to the fabric

Example: Softening, Ironing, Fire Proofing, etc.



Before & After Finishing (Ironing)

