

GUJARAT TECHNOLOGICAL UNIVERSITY

Diploma in Textile Processing Technology

Semester: 3

Subject Code 332804

Subject Name Practices In Bleaching & Finishing-I

List of Experiments :

1. Desizing of cotton fibre fabric by acids and Enzymes.
2. Scouring of cotton fabric.
3. Bleaching of cotton with Sodium hypochlorite.
4. Bleaching of cotton with Hydrogen peroxide.
5. Bleaching of cotton with Sodium Chlorite.
6. Mercerization of cotton fibre fabric.
7. Desizing and scouring of Viscose rayon.
8. Bleaching of viscose rayon fabric with hydrogen Peroxide.
9. Combine bleaching of cotton/viscose rayon fabric.
10. Scouring of wool fibre.
11. Bleaching of wool fibre with Sodium hyposulphite and Hydrogen peroxide.
12. Degumming of silk fabrics.
13. Bleaching of silk fabrics.
14. Weight reduction of Polyester fiber fabrics.
15. Scouring of man-made fiber, fabrics and their blends.
16. Bleaching of man-made fiber, fabrics with sodium chlorite.
17. Bleaching of blended fabrics.
18. Optical whitening of cotton, viscose, wool/silk and man-made Fiber/fabric by Exhaust method (Batch process)
19. Optical whitening of polyester fabrics by pad-dry-cure method (Continuous process)
20. Assessment of absorbency, yellowness & whiteness index.