

GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. SEMESTER: VI

Textile Production

Subject Name: **Technology of Finishing – I**

Subject Code: **162805**

Teaching Scheme				Evaluation Scheme		
Theory	Tutorial	Practical	Total	University Exam (Theory) (E)	Mid Sem Exam (Theory) (M)	Practical (I)
4	0	3	7	70	30	50

Sr. No	Course Content	Total Hrs.
1.	Historical background and Importance of Finishing	02
2.	Classification of Finishing Process: I. Temporary, Semi Durable, Durable Finishes. II. Mechanical & Chemical Finishes.	03
3.	Inherent properties and finishing of cotton, linen, rayon, wool, silk and synthetic fibres.	08
4.	Chemistry and Application of various finishing agents like Stiffeners, Weighting agents, Binders, Softeners, Latexes etc.	18
5.	Durable and Semidurable finishes like Wash-n-wear, Antishrink (cross linking agents) Waterproof and Water repellent, Flame Retardant, Soil Release and Soil Repellency Finish, Delustring, Coating, Bonding, Lamination, Antipilling, Antistatic, Antimicrobial, Non slip, Anti picking and Anti snagging, Velvet finish, Foam finishing etc.	22
6.	Perchmentization - chemistry, methods & applications.	03

Practical:

This shall be based on prescribed syllabi.

Text Book:

1. Technology of Finishing - Shenai V. A.

Reference Books:

1.	An Introduction To Textile Finishing	Marsh J. T.
2.	Textile Finishing	Prayag - Mrs. L. R. Prayag