

VEER NARMAD SOUTH GUJARAT UNIVERSITY

SCHEME OF TEACHING

Semester - VII

B. E. IV (TEXTILE PROCESSING) Semester - VII

TP - 703, TECHNOLOGY OF FINISHING - I

Teaching Scheme			Theory Exam		Practical/Quiz/Viva Exam		Grand Total
(No. Of Contact hr.)			Duration (hr.)	Marks	Sem. End Exam	Cont. Int. Evaluation	
Theory	Tut.	Pract.					
4	-	3	3	100	45	30	175

Theory

1. Historical background and Importance of Finishing
2. Classification of Finishing Process
 - * Temporary, Semi Durable, Durable Finishes.
 - * Mechanical & Chemical Finishes
3. Chemistry and Application of various finishing agents like Stiffeners, Weighting agents, Binders, Softeners, Latexes etc.
4. 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.
5. Finishing of knitted Textiles, Hosiery goods and Ready made garments.- Various Methods.
6. Chemical Modification Reactions, Graft Co Polymerisation, Perchmantization etc. - chemistry, methods & applications..
7. Recent development in Finishing Chemicals, Methods, Mechanaries etc.

References :-

01.	An Introduction To Textile Finishing	Marsh J. T.
02.	Technology Of Finishing	Shenai V. A.
03.	Textile Finishing	Prayag - Mrs. L. R. Prayag