

VEER NARMAD SOUTH GUJARAT UNIVERSITY

SCHEME OF TEACHING

Semester - VIII

B. E. IV (TEXTILE PROCESSING)

TP - 802, TECHNOLOGY OF FINISHING - II

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.					
3	-	-	3	100	-	-	100

Theory

1. Raising, Shearing & Cropping, Seuding, Napping etc - Processes and machines & applications.
2. Various methods & applications of Calendering lik-Swizzing, Friction Finish, Chasing, Schreniring, Embossing, Felt Calendering etc.
3. Scutching / opening, Conditioning and Damping. - Mechanism, Application & Various methods.
4. Heat setting of synthetic fibre fabric, Working and Construction & uses of Stenter. A brief discussion on different types of stenters.
Different type of driers - Cylinder, Hot Flow, InfraRed, Float Driers etc.
Application and working of different types of hydroextractors.
5. Different type of mangles and mangle finishes.- Types, construction &working of padding mangles.
6. Creping - Importance of constructions of fabrics, creping chemicals, process and machines.
7. Anti shrink treatment - Principle of antishrink treatment. Different types of Sanforizing machines.
8. Felting and Antifelting of wool - mechanical and Chemical methods.
9. Recent Developments in finishing machines.

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