

VEER NARMAD SOUTH GUJARAT UNIVERSITY

SCHEME OF TEACHING

Semester - VII

B. E. IV (TEXTILE PROCESSING)

TP - 702, TECHNOLOGY OF PRINTING - 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.					
4	-	3	3	100	45	30	175

Theory

- 1. Screen Printing :** Preparation of Screens, Various methods of screen printing, Hand screen printing, Flat Bed, Rotary Screen Printing etc. Their advantages and disadvantages.
- 2. Printing Of Polyester And Its Blends :**
 - * Direct, Discharge and Resist styles of printing on polyester.
 - * Direct style of printing of polyester - cellulose blended textiles.
 - * Pigments Printing, Printing with mixture of dyes such as Disperse-Reactive, Disperse-Vat systems etc.
 - * Discharge and Resist Prints on Poly/cotton blended fabrics
 - * Carbonised / Brasso printing.
 - * Printing of Cationic Dyeable Polyester fabrics.
- 3.** Various styles and methods of printing of Nylon, Nylon/Polyester Blends, Polyester/Wool Blends, Acrylic, Polypropelene fabrics, etc.
- 4.** Various methods of development & application of Transfer printing, Foam printing, Pearl & Metallic printing, Khadi printing etc.
- 5.** Selection, Chemistry and application of auxilliaries used in printing.
- 6.** Recent Developments in Printing Techniques.
- 7.** Faults and Remedies in Printing..

References :-

01.	Technology Of Printing	SHENAI V. A.
02.	Technology Of Printing	Prayag. - Mrs. L. R. Prayag
03.	Printing Of Textiles By Direct & Transfer Techniques	Lee R. W.
04.	Printing & Dyeing Of Fabrics & Plastics	Ronald James