

# GUJARAT TECHNOLOGICAL UNIVERSITY

## TEXTILE PRODUCTION

### B. E. SEMESTER: VII

Subject Name: **Technology of Printing - II**

Subject Code: **172801**

Teaching Scheme				Evaluation Scheme			
Theory	Tutorial	Practical	Total	University Exam (E)		Mid Sem Exam (Theory) (M)	Practical (Internal)
				Theory	Practical		
3	0	3	6	70	30	30	20

Sr. No	Course Content	Total Hrs.
1.	<b>Screen Printing:</b> Preparation Of Screens, Various Methods Of Screen Printing, Hand Screen Printing, Flat Bed, Rotary Screen Printing Etc. Their Advantages And Disadvantages.	08
2.	<b>Printing Of Polyester And Its Blends:</b> Direct, Discharge And Resist Styles Of Printing On Polyester, Direct Style Of Printing Of Polyester - Cellulose Blended Textiles, Pigment Printing, Printing With Mixture Of Dyes Such As Disperse-Reactive, Disperse Vat Systems Etc., Discharge And Resist Prints On Poly/Cotton Blended Fabrics, Carbonized / Brasso Printing And Printing Of Cationic Dyeable Polyester Fabrics.	08
3.	Various Styles And Methods Of Printing Of Nylon, Nylon/Polyester Blends, Polyester/Wool Blends, Acrylic, Polypropylene Fabrics, Etc.	08
4.	Printing Of Wool And Silk.	04
5.	Various Methods Of Development & Application Of Transfer Printing, Foam Printing, Pearl & Metallic Printing, Khadi Printing Etc.	06
6.	Selection, Chemistry And Application Of Auxiliaries Used In Printing.	06
7.	Faults And Remedies In Printing.	04

#### Practical:

This shall be based on prescribed syllabi.

**Text Books:**

<b>Sr. No.</b>	<b>Title</b>	<b>Author</b>
1.	Technology Of Printing	Shenai V. A.

**Reference Books:**

<b>Sr. No.</b>	<b>Title</b>	<b>Author</b>
1.	Textile Printing	L.W.C.Miles
2.	Printing Of Textiles By Direct & Transfer Techniques	Lee R. W.
3.	Printing & Dyeing Of Fabrics & Plastics	Ronald James