

Textile Processing

Semester III

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Advanced Engineering Mathematics	3	2	0	5	70	30	30	20	150	28
	Mechanics of Solids	4	0	2	6	70	30	30	20	150	28
	Textile Fibres	4	0	0	4	70	30	0	0	100	28
	Textile Design & Colour	4	0	0	4	70	30	0	0	100	28
	Textile Manufacturing - I	4	0	2	6	70	30	30	20	150	28
	Organic Chemistry	3	0	2	5	70	30	30	20	150	28
	Total	22	2	6	30						

Semester IV

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Process Calculations in Textile Wet Processing	3	2	0	5	70	30	30	20	150	28
	Engineering Economics and Management	3	0	0	3	70	30	0	0	100	28
	Textile Manufacturing - II	3	0	2	5	70	30	30	20	150	28
	Polymer Chemistry	4	0	2	6	70	30	30	20	150	28
	Scouring & Bleaching - I	4	0	3	7	70	30	30	20	150	28
	Chemistry of Intermediates & Dyes	4	0	0	4	70	30	0	0	100	28
	Total	21	2	7	30						

Semester V

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Open Elective/Interdisciplinary	3	0	2	5	70	30	30	20	150	28
	Scouring & Bleaching - II	3	0	3	6	70	30	30	20	150	28
	Technology of Dyeing -I	3	0	3	6	70	30	30	20	150	28
	Analytical Textile Chemistry -I	3	0	3	6	70	30	30	20	150	28
	Chemistry & Applications of Textile Auxiliaries	4	0	0	4	70	30	0	0	100	28
	Processing & Applications of Non conventional Fibres	3	0	0	3	70	30	0	0	100	28
	Total	19	0	11	30						

Semester VI

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Department Elective I	4	0	2	6	70	30	30	20	150	28
	Technology of Dyeing - II	3	0	2	5	70	30	30	20	150	28
	Analytical Textile Chemistry -II	3	0	2	5	70	30	30	20	150	28
	Technology of Printing - I	3	0	3	6	70	30	30	20	150	28
	Technology of Finishing - I	3	0	2	5	70	30	30	20	150	28
	Physical Characteristics of textile fibre	3	0	0	3	70	30	0	0	100	28
	Total	19	0	11	30						

Semester VII

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Departmental Elective - II	4	0	2	6	70	30	30	20	150	28
	Technology of Printing - II	3	0	3	6	70	30	30	20	150	28
	Computer Aided Designing & Computer Color Matching	4	0	3	7	70	30	30	20	150	28
	Technology of Finishing - II	3	0	0	3	70	30	0	0	100	28
	Garment Processing	2	0	2	4	70	30	30	20	150	28
	Project - I	0	0	4	4	0	0	100	50	150	28
	Total	16	0	14	30						

Semester VIII

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Departmental Elective - III	4	0	2	6	70	30	30	20	150	28
	Technology of Dyeing - III	4	0	2	6	70	30	30	20	150	28
	Technological Advances in Textile Processing	3	0	0	3	70	30	0	0	100	28
	Dye House Management	3	0	0	3	70	30	0	0	100	28
	Project - II	0	0	12	12	0	0	100	50	150	28
	Total	14	0	16	30						

Departmental Elective I:

Chemical & Physical Analysis of Textiles
Manufacturing & Applications of Polymeric Materials

Departmental Elective III:

Quality Control in Wet Processing
Advanced Textile Processing Machineries

Departmental Elective II:

Ecological Aspects in Textile Processing
Instrumental Analysis in Textile Processing

Institute Elective

Production & Applications of Textile Dyes & Auxiliaries

Note: ALA Component, OEP Component and Design Module I, II and III (to be offered in 2nd Year , 3rd year and 4th year respectively) shall be displayed in the final teaching scheme