

Textile Technology

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	29
	Mechanics of Solids	4	0	2	6	70	30	30	20	150	29
	Textile Fibres	4	0	0	4	70	30	0	0	100	29
	Yarn Manufacturing-I	4	0	2	6	70	30	30	20	150	29
	Textile Processing - I	4	0	2	6	70	30	30	20	150	29
	Basic Engineering in Textile	3	0	0	3	70	30	0	0	100	29
	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)		
	Statistical Quality Control & Textile Costing	3	2	0	5	70	30	30	20	150	29
	Engineering Economics and Management	3	0	0	3	70	30	0	0	100	29
	Yarn Manufacturing - II	4	0	2	6	70	30	30	20	150	29
	Weaving Technology-I	4	0	4	8	70	30	30	20	150	29
	Textile Processing-II	3	0	2	5	70	30	30	20	150	29
	Fibre Physics	3	0	0	3	70	30	0	0	100	29
	Total	20	2	8	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	29
	Yarn Manufacturing-III	3	0	2	5	70	30	30	20	150	29
	Weaving Technology-II	4	0	2	6	70	30	30	20	150	29
	Fabric Structure-I	4	0	2	6	70	30	30	20	150	29
	Physical Testing-I	3	0	2	5	70	30	30	20	150	29
	Man Made Fibre Technology	3	0	0	3	70	30	0	0	100	29
	Total	20	0	10	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)		
	Departmental Elective - I -	4	0	2	6	70	30	30	20	150	29
	Fabric Structure-II	4	0	2	6	70	30	30	20	150	29
	Physical Testing-II	3	0	2	5	70	30	30	20	150	29
	Technical Textile-I	3	2	0	5	70	30	30	20	150	29
	Modern Yarn Production	3	0	0	3	70	30	0	0	100	29
	Weaving Technology-III	3	0	2	5	70	30	30	20	150	29
	Total	20	2	8	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	29
	Modern Weaving Technology	3	0	4	7	70	30	30	20	150	29
	Production Planning & Maintenance	4	2	0	6	70	30	30	20	150	29
	Process & Quality Control in Spinning	4	0	0	4	70	30	0	0	100	29
	CAD IN Textiles	3	0	0	3	70	30	0	0	100	29
	Project-I	0	0	4	4	0	0	100	50	150	29
	Total	18	2	10	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	29
	Yarn Structure & Fabric Geometry	3	0	0	3	70	30	0	0	100	29
	Principles of Textile Processes	3	0	0	3	70	30	0	0	100	29
	Process & Quality Control in Weaving	3	0	0	3	70	30	0	0	100	29
	Technical Textile-II	3	0	0	3	70	30	0	0	100	29
	Project II	0	0	12	12	0	0	100	50	150	29
	Total	16	0	14	30						

Departmental Elective I:

Knitting Technology
Woolen and Worsted Spinning

Institute Elective

Textile Manufacturing Processes

Departmental Elective II:

Garment Technology
Theory & Design of Textile Machines

Departmental Elective III:

Surface Ornamentation & Fashion Art
Modern Fibre Technology

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