

RAJASTHAN TECHNICAL UNIVERSITY, KOTA  
B. Tech. Scheme

Course	Textile Technology						Code	TT
SEMESTER III		Hrs. / Week			IA	Exam	Total	
Subject Code	Title	L	T	P				
3TT1A	Yarn Manufacturing – I	3			Theory Subjects	20	80	100
3TT2A	Fabric Manufacturing – I	3				20	80	100
3TT3A	Textile Fibers	3				20	80	100
3TT4A	Weaving Preparation – I	3				20	80	100
3TT5A	Object Oriented Programming	3				20	80	100
3TT6A	Advanced Engg. Mathematics-I	3				20	80	100
3TT7A	Spinning Practical – I			4	Practical laboratory courses	60	40	100
3TT8A	Weaving Practical – I			4		60	40	100
3TT9A	Textile Fiber Identification & Analysis Practical			4		60	40	100
3TT10A	Object Oriented Programming Lab			2		30	20	50
					0	0		
3TTDC	Discipline & Extra Curricular Activity							50
	<b>Total</b>	18	0	14				1000

SEMESTER IV		Hrs. / Week			IA	Exam	Total	
Subject Code	Title	L	T	P				
4TT1A	Yarn Manufacturing – II	3			Theory Subjects	20	80	100
4TT2A	Fabric Manufacturing – II	3				20	80	100
4TT3A	Weaving Preparation – II	3				20	80	100
4TT4A	Textile Chemical Processing	3				20	80	100
4TT5A	Polymer & Extrusion	3				20	80	100
4TT6A	Application of Electronics & Microprocessor in Textile Machines	3				20	80	100
4TT7A	Spinning Practical – II			4	Practical laboratory courses	60	40	100
4TT8A	Weaving Practical – II			4		60	40	100
4TT9A	Textile Chemical Processing Lab			4		60	40	100
4TT10A	Application of Electronics & Microprocessor in Textile Machines Practical			2		30	20	50
					0	0		
4TTDC	Discipline & Extra Curricular Activity							50
	<b>Total</b>	18	0	14				1000

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SEMESTER V Subject Code	Title	Hrs. / Week			IA	Exam	Total	
		L	T	P				
5TT1A	Yarn Manufacturing – III	3			20	80	100	
5TT2A	Fabric Manufacturing – III	3			20	80	100	
5TT3A	Textile Testing - I	3			20	80	100	
5TT4A	Structure & Properties of Fibers	3			20	80	100	
5TT5A	Fabric Structure	3			20	80	100	
5TT6.1A	Practical Applications of Statistics	3			20	80	100	
5TT6.2A	Finance, Material and Human Resource Management							
5TT6.3A								
5TT7A	Spinning Practical – III	Practical laboratory courses			4	60	40	100
5TT8A	Weaving Practical – III				4	60	40	100
5TT9A	Textile Testing Practical – I				2	30	20	50
5TT10A	Fabric Analysis Practical				2	30	20	50
5TT11A	Professional Ethics & Disaster Management				2	30	20	50
5TTDC	Discipline & Extra Curricular Activity							
	<b>Total</b>	18	0	14			1000	

SEMESTER VI Subject Code	Title	Hrs. / Week			IA	Exam	Total			
		L	T	P						
6TT1A	Yarn Manufacturing – IV	3			20	80	100			
6TT2A	Mechanics of Textile Machines	3			20	80	100			
6TT3A	Textile Testing - II	3			20	80	100			
6TT4A	Man Made Fiber Production	3			20	80	100			
6TT5A	Knitting Technology	3		3	20	80	100			
6TT6.1A	Introduction to Patterning & Fabric Designing	3			20	80	100			
6TT6.2A	Clothing Comfort									
6TT6.3A										
6TT7A	Spinning Practical – IV	Practical laboratory courses			4	60	40	100		
6TT8A	Weaving Practical – IV				4	60	40	100		
6TT9A	Textile Testing Practical – II				4	60	40	100		
6TT10A	Colour and Design Practical				2	30	20	50		
								0	0	
6TTDC	Discipline & Extra Curricular Activity									50
	<b>Total</b>	18	0	14			1000			

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SEMESTER VII Subject Code	Title	Hrs. / Week			IA	Exam	Total
		L	T	P			
7TT1A	Modern Method of Yarn Production	3			20	80	100
7TT2A	Modern Method of Fabric Production	3			20	80	100
7TT3A	Engineering of Textile Structures - I	3			20	80	100
7TT4A	Advance Fabric Structure	3			20	80	100
7TT5A	Production Planning and Quality Management	3			20	80	100
7TT6.1A	Complex Textiles	3			20	80	100
7TT6.2A	Garment Manufacturing Technology						
7TT6.3A							
7TT7A	Spinning Practical – V	Practical laboratory courses		4	60	40	100
7TT8A	Weaving Practical – V			4	60	40	100
					0	0	
					0	0	
7TTTR	Practical Training & Industrial visit				2		100
7TTPR	Project-I			2	50		50
7TTDC	Discipline & Extra Curricular Activity						50
	Total	18	0	12			1000

SEMESTER VII Subject Code	Title	Hrs. / Week			IA	Exam	Total
		L	T	P			
8TT1A	Spinning Technology	3			20	80	100
8TT2A	Economics & Costing of Textile Process	3			20	80	100
8TT3A	Engineering of Textile Structures - II	3			20	80	100
8TT4.1A	Technical Textiles	3			20	80	100
8TT4.2A	Multi Fiber Spinning						
8TT4.3A							
8TT5A	Spinning Practical – VI	Practical laboratory courses		4	60	40	100
8TT6A	Weaving Practical – VI			4	60	40	100
8TT7A	Computer Aided Design Lab			2			50
					0	0	
8TTPR	Project-II				2	120	80
8TTSM	Seminar			2	60	40	100
8TTDC	Discipline & Extra Curricular Activity						50
	Total	12	0	14			1000