

RAJASTHAN TECHNICAL UNIVERSITY, KOTA
B. Tech. Scheme

Course	Textile Engg.	Code	TE
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SEMESTER III		Hrs. / Week			IA	Exam	Total
Subject Code	Title	L	T	P			
3TE1A	Mechanisms of Yarn Manufacturing- I	3			20	80	100
3TE2A	Mechanisms of Fabric Manufacturing- I	3			20	80	100
3TE3A	Textile Fibers	3			20	80	100
3TE4A	Engineering Manufacturing Processes	3			20	80	100
3TE5A	Object Oriented Programming	3			20	80	100
3TE6A	Advanced Engg. Mathematics-I	3			20	80	100
3TE7A	Spinning Practical – I	Practical laboratory courses			4	60	100
3TE8A	Weaving Practical – I				4	60	100
3TE9A	Textile Fiber Identification& Analysis Practical				2	30	50
3TE10A	Engineering Manufacturing Practical				2	30	50
3TE11A	Object Oriented Programming Lab				2	30	50
3TEDC	Discipline & Extra Curricular Activity						50
	Total	18	0	14			1000

SEMESTER IV		Hrs. / Week			IA	Exam	Total
Subject Code	Title	L	T	P			
4TE1A	Mechanisms of Yarn Manufacturing – II	3			20	80	100
4TE2A	Mechanisms of Fabric Manufacturing – II	3			20	80	100
4TE3A	Weaving Preparation	3			20	80	100
4TE4A	Fabric Designing	3			20	80	100
4TE5A	Applied Mechanics	3			20	80	100
4TE6A	Application of Electronics & Microprocessor in Textile Machines	3			20	80	100
4TE7A	Spinning Practical – II	Practical laboratory courses			4	60	100
4TE8A	Weaving Practical – II				4	60	100
4TE9A	Fabric Designing Practical				2	30	50
4TE10A	Applied Mechanics Lab				2	30	50
4TE11A	Application of Electronics & Microprocessor in Textile Machines Practical				2	30	50
4TEDC	Discipline & Extra Curricular Activity						50
	Total	18	0	14			1000

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SEMESTER V Subject Code	Title	Hrs. / Week			IA	Exam	Total
		L	T	P			
5TE1A	Mechanisms of Yarn Manufacturing – III	3		Theory Subjects	20	80	100
5TE2A	Mechanisms of Fabric Manufacturing – III	3			20	80	100
5TE3A	Textile Testing – I	3			20	80	100
5TE4A	Fibre Science - I	3			20	80	100
5TE5A	Theory of Machines	3			20	80	100
5TE6.1A	Practical Applications of Statistics	3			20	80	100
5TE6.2A	Finance, Material and Human Resource Management						
5TE6.3A							
5TE7A	Spinning Practical – III	Practical laboratory courses		4	60	40	100
5TE8A	Weaving Practical – III			4	60	40	100
5TE9A	Textile Testing Practical – I			2	30	20	50
5TE10A	Theory of Machine Lab			2	30	20	50
5TE11A	Professional Ethics & Disaster Management			2	30	20	50
5TEDC	Discipline & Extra Curricular Activity						50
	Total	18	0	14			1000

SEMESTER VI Subject Code	Title	Hrs. / Week			IA	Exam	Total
		L	T	P			
6TE1A	Mechanisms of Yarn Manufacturing – IV	3		Theory Subjects	20	80	100
6TE2A	Theory and design of Textile Machines	3			20	80	100
6TE3A	Textile Testing – II	3			20	80	100
6TE4A	Textile Chemical Processing	3			20	80	100
6TE5A	Machine Design	3			20	80	100
6TE6.1A	Knitting Technology	3			20	80	100
6TE6.2A	Production & Operation Management						
6TE6.3A							
6TE7A	Spinning Practical – IV	Practical laboratory courses		4	60	40	100
6TE8A	Weaving Practical – IV			4	60	40	100
6TE9A	Textile Testing Practical – II			2	30	20	50
6TE10A	Textile Chemical Processing Lab			2	30	20	50
6TE11A	Machine Design Lab			2	30	20	50
6TEDC	Discipline & Extra Curricular Activity						50
	Total	18	0	14			1000

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SEMESTER VII		Hrs. / Week			IA	Exam	Total
Subject Code	Title	L	T	P			
7TE1A	Modern Spinning Machines	3		Theory Subjects	20	80	100
7TE2A	Modern Weaving Machines	3			20	80	100
7TE3A	Engineering of Textile Structures- I	3			20	80	100
7TE4A	Fibre Science - II	3			20	80	100
7TE5A	Production Planning and Quality Management	3			20	80	100
7TE6.1A	Complex Textiles	3			20	80	100
7TE6.2A	Advance Manufacturing Processes						
7TE6.3A							
7TE7A	Spinning Practical – V	Practical laboratory courses		4	60	40	100
7TE8A	Weaving Practical – V			4	60	40	100
					0	0	
					0	0	
7TETR	Practical Training & Industrial visit			2		100	100
7TEPR	Project-I			2	50		50
7TEDC	Discipline & Extra Curricular Activity						50
	Total	18	0	12			1000

SEMESTER VIII		Hrs. / Week			IA	Exam	Total	
Subject Code	Title	L	T	P				
8TE1A	Spinning Technology	3		Theory Subjects	20	80	100	
8TE2A	Mill Organization, Costing & Economics	3			20	80	100	
8TE3A	Engineering of Textile Structures - II	3			20	80	100	
8TE4.1A	Technical Textiles	3			20	80	100	
8TE4.2A	Computer Aided Design & Manufacturing							
8TE4.3A								
8TE5A	Spinning Practical – VI	Practical laboratory courses			4	60	40	100
8TE6A	Weaving Practical – VI				4	60	40	100
8TE7A	Computer Aided Textile Designing Lab				2	30	20	50
						0	0	
8TEPR	Project-II				2	120	80	200
8TESM	Seminar				2	60	40	100
8TEDC	Discipline & Extra Curricular Activity							50
	Total	12	0	14				1000