

**GOVERNMENT OF RAJASTHAN**  
**BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR**  
**TEACHING AND EXAMINATION SCHEME**  
**FOR POST DIPLOMA I Year POLYMER SCIENCE & RUBBER TECHNOLOGY**  
**SESSION 2011-2012 & ONWARDS**

**First Semester**

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessionals			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
PS 11	Polymer Chemistry I	3	2	2	7	70	3	50	3	30	25	25	200
PS 12	Polymer Physics	3	2	2	7	70	3	50	3	30	25	25	200
PS 13	Rubber Material -I	3	2	2	7	70	3	50	3	30	25	25	200
PS14	Rubber Testing	3	2	2	7	70	3	50	3	30	25	25	200
PS 15	Rubber Engineering	3	2	-	5	70	3	-	-	30	50	-	150
PS 16	Seminar	-	-	3	3	-	-	-	-	-	--	100	100
	Total	15	10	11	36	350		200		150	150	200	1050
<b>Grand Total :</b>													<b>1050</b>

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|--|--|
| 1. L : Lecture                                 | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial                                | 6. CT : Marks for Class Tests                        |
| 3. P : Practical                               | 7. TU : Marks for Tutorials                          |
| 4. TH : Marks for Board Examination for Theory | 8. PR(S) : Marks for Practical and Viva              |

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**Second Semester**

ode No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks
		Hours per week				Board's Exam.				Sessional			
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)	
PS 21	Polymer Chemistry II	3	2	2	7	70	3	50	3	30	25	25	200
PS 22	Rubber Processing Technology	3	2	2	7	70	3	50	3	30	25	25	200
PS 23	Rubber Material -II	3	2	2	7	70	3	50	3	30	25	25	200
PS 24	Rubber Compounding	3	2	2	7	70	3	50	3	30	25	25	200
PS25	Rubber Product Design & Development	3	2	-	5	70	3	-	-	30	50	-	150
PS 26	Seminar	-	-	3	3	-	-	-	-	-	-	100	100
	<b>Total</b>	15	10	11	36	350		200		150	150	200	1050
<b>Grand Total :</b>													<b>1050</b>

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| 1. L : Lecture                                 | 5. PR : Marks for Board's Examination for Practicals |
| 2. T : Tutorial                                | 6. CT : Marks for Class Tests                        |
| 3. P : Practical                               | 7. TU : Marks for Tutorials                          |
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**Third Semester**

Code No.	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	
		Hours per week				Board's Exam.				Sessional				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
PS 31	Rubber Product Manufacturing	6	2	4	12	70	3	50	3	30	25	25	200	
PS 32	Rubber Product Testing & Evaluation	6	4	4	14	70	3	50	3	30	25	25	200	
PS 33	Industrial Management & Communication Skill	6	2	2	10	70	3	50	3	30	25	25	200	
PS 34	Industrial Training & Project	45 days								200				200
	Industrial Visits							100					100	
	<b>TOTAL</b>	18	8	10	36	210		450		90	75	75	900	
<b>Grand Total :</b>													<b>900</b>	

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| 2. T : Tutorial                                | 6. CT : Marks for Class Tests                        |
| 3. P : Practical                               | 7. TU : Marks for Tutorials                          |
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