

***CURRICULAR STRUCTURE FOR PART – II (2nd<sup>nd</sup> YEAR) OF THE  
FULL-TIME DIPLOMA COURSES IN ENGINEERING & TECHNOLOGY***

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION											
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES											
COURSE NAME: FULL TIME DIPLOMA IN PACKAGING TECHNOLOGY											
DURATION OF COURSE: 6 SEMESTERS											
SEMESTER: THIRD											
BRANCH: PACKAGING TECHNOLOGY											
SR. NO.	SUBJECT	CRED ITS	PERIODS			EVALUATION SCHEME					
			L	TU	PR	INTERNAL SCHEME			ESE	PR	Tota l Mar ks
						TA	CT	Tot al			
1	Introduction to Packaging Technology.	3	3	-	-	10	20	30	70	-	100
2	Hazards in Packaging	3	3	-	-	5	10	15	35	-	50
3	Cellulose and Fiber Technology.	4	4	-	-	10	20	30	70	-	100
4	Basic Electronics	4	3		2	10	20	30	70	50	150
5	Introduction to Thermodynamics & Heat Transfer.	4	2	1	2	10	20	30	70	50	150
6	Packaging Technology lab 1	1	-	-	2	-	-	-	-	50	50
7	Packaging Technology lab 2	2	-	-	3	-	-	-	-	100	100
8	Packaging Technology lab 3	2	-	-	3	-	-	-	-	100	100
9	Professional Practice-I	2	1	-	2	-	-	-	-	50	50
<b>Total:</b>		<b>25</b>	<b>16</b>	<b>1</b>	<b>14</b>	<b>45</b>	<b>90</b>	<b>135</b>	<b>315</b>	<b>400</b>	<b>850</b>
STUDENT CONTACT HOURS PER WEEK:33 hrs Theory and Practical Period of 60 Minutes each. L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam.											

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION											
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES											
COURSE NAME: FULL TIME DIPLOMA IN PACKAGING TECHNOLOGY											
DURATION OF COURSE: 6 SEMESTERS											
SEMESTER: FOURTH											
BRANCH: PACKAGING TECHNOLOGY											
SR. NO.	SUBJECT	CREDITS	PERIODS			EVALUATION SCHEME					
			L	TU	PR	INTERNAL SCHEME			ESE	PR	Total Marks
						TA	CT	Total			
1	Plastic Technology	4	4	-	-	10	20	30	70	-	100
2	Metal Packaging	4	4		-	10	20	30	70	-	100
3	Glass Packaging	4	4	-	-	10	20	30	70	-	100
4	Ancillary material	3	3		-	10	20	30	70	-	100
5	Pharmaceutical packaging	2	2			5	10	15	35		50
6	Packaging Technology lab 4	2	-	-	4	-	-	-	-	100	100
7	Packaging Technology lab 5	2	-	-	4	-	-	-	-	100	100
9	Development of Life Skill-II	2	1	-	2	-	-	-	-	50	50
10	Professional Practice-II	2	1	-	2	-	-	-	-	50	50
<b>Total:</b>		<b>25</b>	<b>19</b>	<b>-</b>	<b>12</b>	<b>45</b>	<b>90</b>	<b>135</b>	<b>315</b>	<b>300</b>	<b>750</b>
<b>STUDENT CONTACT HOURS PER WEEK:33 hrs</b> <b>Theory and Practical Period of 60 Minutes each.</b> <b>L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam.</b>											

<b>WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION</b>											
<b>TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES</b>											
<b>COURSE NAME: FULL TIME DIPLOMA IN PACKAGING TECHNOLOGY</b>											
<b>DURATION OF COURSE: 6 SEMESTERS</b>											
<b>SEMESTER: 5th</b>											
<b>BRANCH: PACKAGING TECHNOLOGY</b>											
<b>SR. NO</b>	<b>SUBJECT</b>	<b>CREDITS</b>	<b>PERIODS</b>			<b>EVALUATION SCHEME</b>					
			<b>L</b>	<b>TU</b>	<b>PR</b>	<b>INTERNAL SCHEME</b>			<b>ESE</b>	<b>PR</b>	<b>Total Marks</b>
						<b>TA</b>	<b>CT</b>	<b>Total</b>			
1	Food processing & Packaging	5	3	-	3	10	20	30	70	100	200
2	Packaging machinery & Equipment	3	3		-	10	20	30	70	-	100
3	Packaging Economics Legislation & Management	3	3	-	-	10	20	30	70	-	100
4	Package printing Technology	5	3		3	10	20	30	70	100	200
5	Principle of Refrigeration & cold storage	3	2		2	5	10	15	35	50	100
6	Packaging Technology lab 6	2		-	4	-	-	-	-	100	100
7	Industrial project & Entrepreneurship Development	2	1	-	2	-	-	-	-	50	50
9	Professional Practice-III	2	1	-	2	-	-	-	-	50	50
<b>Total:</b>		<b>25</b>	<b>16</b>	<b>-</b>	<b>16</b>	<b>45</b>	<b>90</b>	<b>135</b>	<b>315</b>	<b>450</b>	<b>900</b>
<b>STUDENT CONTACT HOURS PER WEEK:33 hrs</b> <b>Theory and Practical Period of 60 Minutes each.</b> <b>L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam.</b>											

***CURRICULAR STRUCTURE FOR PART – III(3rd YEAR) OF THE  
FULL-TIME DIPLOMA COURSES IN ENGINEERING & TECHNOLOGY***

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION											
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES											
COURSE NAME: FULL TIME DIPLOMA IN PACKAGING TECHNOLOGY											
DURATION OF COURSE: 6 SEMESTERS											
SEMESTER: 6th											
BRANCH: PACKAGING TECHNOLOGY											
SR. NO.	SUBJECT	CRED ITS	PERIODS			EVALUATION SCHEME					
			L	TU	PR	INTERNAL SCHEME			ESE	PR	Total Marks
						TA	CT	Total			
1	Industrial Management	3	3	-	-	10	20	30	70	-	100
2	Package Testing & Evaluation	3	3	-	-	20	10	30	70	-	100
3	Package Design	3	3	-		10	20	30	70	-	100
4	Elective (any one) i)Security Printing ii)Application of computer in packaging iii)Coding System for packaging	5	3		3	10	20	30	70	100	200
5	Packaging Technology lab 7	2	-	-	4	-	-	-	-	100	100
6	Packaging Technology lab 8	1	-	-	2	-	-	-	-	50	50
7	Industrial Project	3	-	-	6	-	-	-	-	100	100
8	Professional Practice-IV	2	1	-	2	-	-	-	-	50	50
9	General Viva Voce	3								100	100
<b>Total:</b>		<b>25</b>	<b>13</b>		<b>17</b>	<b>50</b>	<b>70</b>	<b>120</b>	<b>280</b>	<b>500</b>	<b>900</b>
STUDENT CONTACT HOURS PER WEEK:33 hrs Theory and Practical Period of 60 Minutes each. L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam.											