

7. STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN
PACKAGING TECHNOLOGY (522)

FIRST SEMESTER

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks	
		Hrs/week	L	T	P	Internal Assessment		External Assessment (Examination)		Practical		
						Theory Max. Marks	Practical Max. Marks	Written Paper Max. Marks	Hrs			Max. Marks
1.1*	Communication Skills - 1	3	-	-	2	25	25	100	3	50	2	200
1.2*	Applied Mathematics - 1	5	-	-	-	50	-	100	3	-	-	150
1.3*	Applied Physics - 1	4	-	-	2	25	25	100	3	50	3	200
1.4*	Applied Chemistry - 1	3	-	-	2	25	25	100	3	50	3	200
1.5*	Basics of Information Technology	-	-	-	4	-	50	-	-	100	3	150
1.6*	Engineering Drawing - 1	-	-	-	6	-	50	100	3	25 (Viva)	2	175
1.7*	General Workshop Practice - 1	-	-	-	6	-	50	-	-	+100	3	150
#	Student Centred Activities	-	-	-	3	-	25	-	-	-	-	25
	Total	15	-	-	25	125	250	500	-	375	-	1250

* Common with other diploma programmes

+ Includes 25 marks for Viva-voce

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

SECOND SEMESTER (52)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		L	T	P	Theory Max. Marks	Practical Max. Marks	Written Paper Max. Marks	Hrs	Practical Max. Marks	Hrs	
2.1*	Communication Skills - II	3	-	2	25	25	100	3	50	2	200
2.2*	Applied Mathematics - II	5	-	-	50	-	100	3	-	-	150
2.3*	Applied Physics - II	4	-	2	25	25	100	3	50	3	200
2.4*	Applied Chemistry - II	3	-	2	25	25	100	3	50	3	200
2.5**	Applied Mechanics	3	-	2	25	25	100	3	50	3	200
2.6*	Engineering Drawing - II	-	-	6	-	50	100	3	25 (Viva)	2	175
2.7*	General Workshop Practice - II	-	-	6	-	50	-	-	+100	3	150
#	Student Centred Activities	-	-	2	-	25	-	-	-	-	25
	Total	18	-	22	150	225	600	-	325	-	1300

* Common with other diploma programmes
 ** Common with diploma programme in Civil Engineering
 + Includes 25 marks for Viva-voce
 # Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

THIRD SEMESTER PACKAGING TECHNOLOGY (522)

Sr. No	Code/ Identity	Subject	L	T	P	EVALUATION SCHEME						Total Marks
						Internal Assessment			External Assessment (Examination)			
						Theory Max. Marks	Practical Max. Marks	Written Paper Max. Marks	Hrs	Practical Max. Marks	Hrs	
3.1	121734	* Machine Drawing	-	-	6	-	50	100	3	25 (viva)	3	175
3.2	105232	* Strength of Material	3	1	2	25	25	100	3	50	3	200
3.3	105233	Theory of Machine	3	1	2	25	25	100	3	50	3	200
3.4	105234	Basics of Packaging & Environment	5	-	4	25	25	100	3	50	3	200
3.5	105235	Packaging Materials	5	-	4	25	25	100	3	50	3	200
# Student Centered Activities including Ecology and Environmental Awareness Camp			-	-	5	-	25	-	-	-	-	25
Total			16	2	23	100	175	500	-	225	-	1000

* Common with Production Engineering/Mechanical Engineering (Tool & Die)

Students Centred Activities will comprise of various co-curricular activities like games, hobby club, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

FOURTH SEMESTER PACKAGING TECHNOLOGY (52)

Sr. No	Code/ Identity	Subject	L	T	P	EVALUATION SCHEME						Total Marks
						Internal Assessment			External Assessment (Examination)			
						Theory Max. Marks	Practical Max. Marks	Written Paper Max. Marks	Hrs	Practical Max. Marks	Hrs	
4.1	105241	Plastics in Packaging	4	-	4	25	25	100	3	50	3	200
4.2	105242	Basic Production Processes	4	-	4	25	25	100	3	50	3	200
4.3	105243	Generic Skills & Entrepreneurship Development	4	-	-	50	-	100	3	-	-	150
4.4	105244	Production Management and Quality Assurance	4	-	4	25	25	100	3	50	3	200
4.5	105245	Logistics and Supply Chain Management	4	-	4	25	25	100	3	50	3	200
# Student Centered Activities including Entrepreneurial Awareness Camp			-	-	5	-	25	-	-	-	-	25
Total			20	-	21	150	125	500	-	200	-	975

4 Weeks industrial training after 4th semester during vacations, which will be evaluated in 5th semester.

Students Centred Activities will comprise of various co-curricular activities like games, hobby club, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities etc.

**STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN
PACKAGING TECHNOLOGY (52)**

FIFTH SEMESTER

Sr. No	Code/ Identity	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks	
			Hrs/week	L	T	P	Internal Assessment		External Assessment (Examination)				
							Theory Max. Marks	Practical Max. Marks	Written Paper Max. Marks	Hrs	Practical Max. Marks		Hrs
-	-	Industrial Training of 4 weeks during vacations	-	-	-	-	-	100	-	-	100	3	200
5.1 *	120151	Environmental Education	3	-	-	25	-	100	3	-	-	-	125
5.2	105251	Packaging Processes	4	-	-	25	25	100	3	50	3	200	
5.3	105253	Packaging of Pharmaceuticals & Cosmetics	4	-	-	25	25	100	3	50	3	200	
5.4	105254	Packaging of Industrial and Hazardous Goods	4	-	-	25	25	100	3	50	3	200	
5.5	105255	Packaging of Heavy Engineering Goods and other Products	4	-	-	25	25	100	3	50	3	200	
5.6	105256	Packaging of Food Products and Beverages	4	-	-	25	25	100	3	50	3	75	
5.7 *	-	Employability Skills-1	-	-	-	-	25	-	-	-	-	25	
		#Student Centered Activities	-	-	-	-	25	-	-	-	-	-	25
		Total	23	-	-	150	275	600	-	400	-	1425	

* Common with other diploma programmes
Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

**STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN
PACKAGING TECHNOLOGY (52)**

SIXTH SEMESTER

Sr. No	Code/ Identity	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
			L	T	P	Internal Assessment		External Assessment (Examination)				
						Theory Max. Marks	Practical Max. Marks	Written Paper Max. Marks	Hrs	Practical Max. Marks	Hrs	
6.1	105261	Package Printing and Aesthetics	4	-	2	25	25	100	3	50	3	200
6.2	105262	Plastic Packages Manufacturing	4	-	3	25	25	100	3	50	3	200
6.3	105263	Packaging Economics and Value Engineering	4	-	3	25	25	100	3	50	3	200
6.4	105264	Marketing & Legislation in Packaging	4	-	-	50	-	100	3	-	-	150
6.5	-	Employability Skills-II	-	-	2	-	25	-	-	50	3	75
6.6	105265	Project Work	-	-	12	-	100	-	-	200	3	300
		#Student Centered Activities	-	-	2	-	25	-	-	-	-	25
		Total	16	-	24	125	225	400	-	400	-	1150

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.