

**7. STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN
PRINTING TECHNOLOGY (SPECIALISATION IN CAD/GAT)**

FIRST SEMESTER

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Theory		Practical		Written Paper		Practical			
		L	T	P	Hrs/week Max. Marks	Hrs/week Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
1.1*	Communication Skills - I	3	-	2	25	25	100	3	50	2	200
1.2*	Applied Mathematics - I	5	-	-	50	-	100	3	-	-	150
1.3*	Applied Physics – I	4	-	2	25	25	100	3	50	3	200
1.4*	Applied Chemistry – I	3	-	2	25	25	100	3	50	3	200
1.5*	Basics of Information Technology	-	-	4	-	50	-	-	100	3	150
1.6*	Engineering Drawing - I	-	-	6	-	50	100	3	25 (Viva)	2	175
1.7*	General Workshop Practice - I	-	-	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 - PRINTING TECHNOLOGY (SPECIALISATION IN CAD/GAT)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	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 programmes in Mechanical Engineering and 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 - PRINTING TECHNOLOGY (SPECIALISATION IN CAD/GAT)

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
3.1**	Printing Processes	4	-	4	25	25	100	3	50	3	200
3.2**	Graphic Design	3	-	4	25	25	100	3	50	3	200
3.3**	Pre-Press Technology-I	3	-	4	25	25	100	3	50	3	200
3.4**	Printing Science-I	3	-	4	25	25	100	3	50	3	200
3.5**	General Engineering for Printing Technology	5	-	2	25	25	100	3	50	3	200
	# Student Centred Activities	-	-	4	-	25	-	-	-	-	25
	Total	18	-	22	125	150	500	-	250	-	1025

** Common with diploma programme in Printing Technology and Printing Technology (Spl. Press Technology)

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.

FOURTH SEMESTER - PRINTING TECHNOLOGY (SPECIALISATION IN CAD/GAT)

Sr. No	Subject	L T P			EVALUATION SCHEME						Total Marks
		Hrs/week			Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
		Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs				
4.1**	Packaging Technology	4	-	-	50	-	100	3	-	-	150
4.2**	Pre-Press Technology-II	4	-	4	25	25	100	3	50	3	200
4.3**	Press Work-I	4	-	4	25	25	100	3	50	3	200
4.4**	Printing Science-II	3	-	4	25	25	100	3	50	3	200
4.5**	Print Reproduction Technology	5	-	4	25	25	100	3	50	3	200
	# Student Centered Activities including Personality Development Camp	-	-	4	-	25	-	-	-	-	25
	Total	20	-	20	150	125	500	-	200	-	975

** Common with diploma programme in Printing Technology and Printing Technology (Spl. Press Technology)

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.

Industrial Training - After examination of 4th Semester, the students shall go for training in a relevant industry/field organization for a minimum period of 4weeks and shall prepare a diary. It shall be evaluated during 5th semester by his/her teacher for 50 marks. The students shall also prepare a report at the end of training and shall present it in a seminar, which will be evaluated for another 50 marks. This evaluation will be done by HOD and lecturer incharge – training in the presence of one representative from training organization.

FIFTH SEMESTER - PRINTING TECHNOLOGY (SPECIALISATION IN CAD/GAT)

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
	Industrial Training	-	-	-	-	50	-	-	50	Viva voce	100
5.1*	Employability Skills - I	-	-	2	-	25	-	-	50	3	75
5.2	Computer Applications in Printing	4	-	4	25	25	100	3	50	3	200
5.3**	Image Carrier Preparation	4	-	4	25	25	100	3	50	3	200
5.4**	Publishing Technology	4	-	4	25	25	100	3	50	3	200
5.5	CAD/GAT in Printing	4	-	5	25	25	100	3	50	3	200
# Student Centered Activities including Entrepreneurial Awareness Camp		-	-	5	-	25	-	-	-	-	25
Total		16	-	24	100	200	400	-	300	-	1000

* Common with other diploma programmes

** Common with diploma programme in Printing Technology and Printing Technology (Spl. Press Technology)

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.

SIXTH SEMESTER - PRINTING TECHNOLOGY (SPECIALISATION IN CAD/GAT)

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Theory	Practical	Written Paper		Practical					
		Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs				
6.1*	Employability Skills - II	-	-	2	-	25	-	-	50	3	75
6.2*	Environmental Education	3	-	-	25	-	100	3	-	-	125
6.3**	Estimating and Costing in Printing	3	2	-	50	-	100	3	-	-	150
6.4	Production Management	4	-	4	25	25	100	3	50	3	200
6.5+	Finishing and Converting	4	-	4	25	25	100	3	50	3	200
6.6	Major Project Work	-	-	9	-	100	-	-	200	3	300
# Student Centred Activities		-	-	5	-	25	-	-	-	-	25
Total		14	2	24	125	200	400	-	350	-	1075

* Common with other diploma programmes

** Common with diploma programme in Printing Technology and Printing Technology (Spl. Press Technology)

+ Common with diploma programme in Printing Technology (Spl. Press Technology)

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.