

7. STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN CIVIL ENGINEERING

FIRST SEMESTER

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	
1.1*	Communication Skills -I	3	-	2	25	25	100	3	50	2	200
1.2*	Applied Mathematics-I	4	1	-	50	-	100	3	-	-	150
1.3*	Applied Physics – I	4	-	2	25	25	100	3	50	3	200
1.4*	Applied Chemistry – I	2	-	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		-	-	4	-	25	-	-	-	-	25
Total		13	1	26							1250

* Common with other Diploma programmes

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

+ Including 25 marks for Viva-voce

L means Lecture (Hours per week)

T means Tutorial (hours per week)

P means Practical (hours per week)

SECOND SEMESTER (CIVIL ENGINEERING)

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	
2.1*	Communication Skills –II	3	-	2	25	25	100	3	50	2	200
2.2*	Applied Mathematics-II	4	1	-	50	-	100	3	-	-	150
2.3*	Applied Physics – II	3	-	2	25	25	100	3	50	3	200
2.4*	Applied Chemistry – II	2	-	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		-	-	4	-	25	-	-	-	-	25
Total		15	1	24							1300

* Common with other diploma programmes

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

+ Including 25 marks for Viva-voce

THIRD SEMESTER (CIVIL ENGINEERING)

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	Fluid Mechanics	4	1	2	25	25	100	3	50	3	200
3.2*	General Engineering	4	-	2	25	25	100	3	50	3	200
3.3	Surveying - I	2	-	6	25	50	100	3	100	3	275
3.4	Construction Material	3	-	2	25	25	100	3	50	3	200
3.5	Building Construction	4	-	-	25	-	100	3	-	3	125
3.6	Building Drawing	-	-	6	-	50	100	3	-	-	150
# Student Centred Activities including Ecology and Environmental Awareness Camp		-	-	4	-	25	-	-	-	-	25
Total		17	1	22							1175

FOURTH SEMESTER (CIVIL ENGINEERING)

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
							Theory	Practical	Written Paper		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
4.1	Concrete Technology	3	-	3	25	25	100	3	50	3	200
4.2	Water Supply and Waste Water Engineering	4	-	2	25	25	100	4	50	3	200
4.3	Soil and Foundation Engineering	3	1	3	25	25	100	3	50	3	200
4.4	Surveying – II	2	-	6	25	50	100	3	100	3	275
4.5	Structural Mechanics	3	1	2	25	25	100	3	50	3	200
4.6	Public Health Engineering Drawing	-	-	3	-	50	100	3	-	-	150
# Student Centred Activities including Entrepreneurial Awareness Camp		-	-	4	-	25	-	-	-	-	25
Total		15	2	23							1250

Note: Survey camp will be held after 4th semester or at the beginning of 5th semester for minimum 10 days in a hilly area.

FIFTH SEMESTER (CIVIL ENGINEERING)

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	
5.1	RCC Design and Drawing	4	1	3	25	50	150* (100+50)	6	-	-	225
5.2	Highway Engineering	4	-	3	25	25	100	3	50	2	200
5.3	Survey Camp	-	-	-	-	100	-	-	100	4	200
5.4	Computer Applications in Civil Engineering - I	-	-	6	-	50	-	-	50	3	100
5.5	Railways, Bridges and Tunnels	4	-	-	25	-	100	3	-	-	125
5.6	Irrigation Engineering and Drawing	3	-	3	25	50	150 ⁺ (100+50)	3	-	-	225
5.7	Quantity Surveying	3	1	-	25	-	100	3	-	-	125
# Student Centred Activities		-	-	4	-	25	-	-	-	-	25
Total		24	2	14							1225

* 100 marks for theory examination and 50 marks for drawing

SIXTH SEMESTER (CIVIL ENGINEERING)

Sr. No	Subject	L T P Hrs/week			EVALUATION SCHEME						Total Mark s
					Internal Assessment		External Assessment (Examination)				
					Theory	Practical	Written Paper		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Steel Structure Design and Drawing	3	1	3	25	50	150* (100+50)	6	-	-	225
6.2	Earthquake Resistant Building Construction	3	-	-	25	-	100	3	-	-	125
6.3	Computer Applications in Civil Engineering – II	-	-	3	-	50	-	-	50	3	100
6.4	Tendering and Valuation	2	2	-	25	-	100	3	-	-	125
6.5	Construction Management & Accounts	4	-	-	25	-	100	3	-	-	125
6.6*	Entrepreneurship Development and Management	3	-	-	25	-	100	3	-	-	125
6.7	Elective	3	-	-	25	-	100	3	-	-	125
6.8	Project Work	-	-	9	-	150	-	-	150	3	300
# Student Centred Activities		-	-	4	-	25	-	-	-	-	25
Total		18	3	19							1275

* 100 marks for theory examination and 50 marks for drawing

List of Electives(Any one of the following) :

6.7.1 Repair & Maintenance of Buildings

6.7.2 Environmental Engineering

6.7.3 Rural Technology