

SUBJECTS OF STUDY AND SCHEME OF EVALUATION

Civil Engineering

Sl No.	Code	Course	Course Category	Periods per week			Credits	Type	Evaluation	
				Theory	Practical	Total			CA	External
Semester I										
1.	1001	English for Communication I	F	2	2	4	3	T	50	100
2.	1002	Engineering Mathematics I	F	6	0	6	6	T	50	100
3.	1003	Engineering Physics I	F	3	0	3	3	T	50	100
4.	1004	Engineering Chemistry I	F	3	0	3	3	T	50	100
5.	2005	Engineering Graphics	F	2	3	5		D	0	0
6.	1009	Health & Physical Education	C	1	2	3	2	P	50	50
7.	2008	Workshop Practice	F	0	3	3		P	0	0
8.	1008	Computing Fundamentals	C	2	3	5	4	P	50	50
9.	2007	Engineering Science Lab I	F	0	3	3		P	0	0
				19	16	35	21			
Semester II										
10.	2001	English for Communication II	F	2	2	4	3	T	50	100
11.	2002	Engineering Mathematics II	F	6	0	6	6	T	50	100
12.	2003	Engineering Physics II	F	3	0	3	3	T	50	100
13.	2004	Engineering Chemistry II	F	3	0	3	3	T	50	100
14.	2011	Surveying I	B	4	0	4	4	T	50	100
15.	2005	Engineering Graphics	F	1	3	4	5	D	50	100
16.	2008	Workshop Practice	F	0	3	3	3	P	50	50
17.	2007	Engineering Science Lab II	F	0	3	3	3	P	50	50
18.	2019	Survey Practical I	B	0	3	3	2	P	50	50
19.	2009	Life Skill	C	1	1	2	2	P	50	50
				20	15	35	34			
Semester III										
20.	3013	Theory of Structures I	B	6	0	6	6	T	50	100
21.	3012	Surveying II	B	6	0	6	6	T	50	100

22.	3011	Construction Materials and Engineering	B	6	0	6	6	T	50	100
23.	3001	Environmental Science & Disaster Management	C	3	0	3	3	T	50	100
24.	3014	Building Planning & Drawing	B	1	4	5	3	D	50	100
25.	3017	Survey Practical II	B	0	3	3	2	P	50	50
26.	3019	Construction Engg. Lab	B	0	3	3	2	P	50	50
27.	3018	Concrete Lab	B	0	3	3	2	P	50	50
				22	13	35	30			
Semester IV										
28.	4014	Theory of Structures II	B	6	0	6	5	T	50	100
29.	4013	Quantity Surveying I	B	6	0	6	5	T	50	100
30.	4011	Hydraulics	B	6	0	6	5	T	50	100
31.	4012	Irrigation Engineering	A	5	0	5	4	T	50	100
32.	4019	Survey Practical III	A	0	3	3	2	P	50	50
33.	4018	Hydraulics Lab	A	0	3	3	2	P	50	50
34.	4017	Computer Aided Drafting Lab	A	0	6	6	3	P	50	50
35.	4009	Mini Project	A	0	0	0	5	P	50	50
				23	12	35	31			
Semester V										
36.	5012	Construction Management & Safety Engineering	C	4	0	4	4	T	50	100
37.	5015	Structural Design I	A	5	0	5	5	T	50	100
38.	5013	Geotechnical Engineering	A	3	0	3	2	T	50	100
39.	5014	Quantity Surveying II	A	4	0	4	3	T	50	100
40.	5011	Building Maintenance & Services	E	4	0	4	4	T	50	100
	5016	Cost Effective Construction & Green Building	E	4	0	4	4	T	50	100
	5017	Habitat Technology	E	4	0	4	4	T	50	100
41.	5018	Geotechnical Engineering Lab	A	0	3	3	2	T	50	50
42.	5019	Computer Application Lab	A	0	6	6	3	P	50	50
43.	5009	Industrial Training/Industrial Visit/Collaborative work	A	2 Week			2	P	50	0
44.	6009	Project & Seminar	A	0	6	6	0	Pr	0	0

				20	15	35	25			
Semester VI										
45.	6013	Structural Design II	A	4	0	4	4	T	50	100
46.	6012	Environmental Engineering	A	5	0	5	4	T	50	100
47.	6014	Transportation Engineering	A	6	0	6	5	T	50	100
48.	6015	Concrete Technology	E	4	0	4	4	T	50	100
	6016	Design of Pre-stressed Concrete	E	4	0	4	4	T	50	100
	6017	Ground Improvement Technique	E	4	0	4	4	T	50	100
49.	6011	Structural & Irrigation Engineering Drawing	A	1	3	4	3	D	50	100
50.	6018	Material Testing Lab	A	0	3	3	2	P	50	50
51.	6019	Environmental Engineering Lab	A	0	3	3	2	P	50	50
52.	6009	Project & Seminar	A	0	6	6	10	Pr	50	50
				20	15	35	34			
							175			
Abbreviations used: Course Categories: F - Foundation Courses, C - Common Courses, B - Basic Technology Courses, A - Applied Technology Courses, E - Elective Courses Evaluation Type: T - Theory, P - Practical, D - Drawing, Pr - Project										