

CIVIL ENGINEERING (CONSTRUCTION TECH.)**3RD SEMESTER**

Sl. No.	Code	Subjects	Contacts (periods per week)				Credit Points
			L	T	P	Total	
1.	CE301	Surveying-I	3	1	0	4	4
2.	CE302	Strength of Materials	3	1	0	4	4
3.	CE303	Fluid Mechanics	3	1	0	4	4
4.	CE304	Building Materials and Construction	3	1	0	4	4
5.	CE305	Engineering Geology	3	0	0	3	3
6.	MA301	Mathematics-III	3	1	0	4	4
7.	CE371	Surveying-I	0	0	3	3	2
8.	CE372	Civil Engineering Drawing	0	0	3	3	2
9.	CE373	Material Testing lab	0	0	3	3	2
10.	HU371	Language Lab	0	0	3	3	2
Total Credits							31

4TH SEMESTER

Sl. No.	Code	Subjects	Contacts (periods per week)				Credit Points
			L	T	P	Total	
1.	HU401	Engineering Economics	3	0	0	3	3
2.	CE401	Surveying-II	3	1	0	4	4
3.	CE402	Structural Analysis-I	3	1	0	4	4
4.	CE403	Geotechnical Engineering	3	1	0	4	4
5.	CE404	Environmental Engineering-I	3	1	0	4	4
6.	MA401	Numerical Methods & Computer Programming	3	1	0	4	4
7.	CE471	Surveying-II	0	0	3	3	2
8.	CE473	Geotechnical Engineering	0	0	3	3	2
9.	CE474	Environmental Engineering-I	0	0	3	3	2
10.	MA471	Numerical Methods & C Programming Lab	0	0	3	3	2
Total Credits							31

5TH SEMESTER

Sl. No.	Code	Subjects	Contacts (periods per week)				Credit Points
			L	T	P	Total	
1.	CE501	Design of Structures-I	3	1	0	4	4
2.	CE502	Transportation Engineering-I	3	1	0	4	4
3.	CE503	Structural Analysis-II	3	1	0	4	4
4.	CE504	Concrete Technology	3	1	0	4	4
5.	HU501	Industrial Management and Entrepreneurship	3	0	0	3	3
6.	CE571	Transportation Engineering-I Lab	0	0	3	3	2
7.	CE572	Concrete Technology	0	0	3	3	2
8.	CE573	CAD	0	0	3	3	2
9.	CE574	Survey Camp	0	0	3	3	3
Total Credits							28

6TH SEMESTER

Sl. No.	Code	Subjects	Contacts (periods per week)				Credit Points
			L	T	P	Total	
1.	HU601	Professional Communication	2	0	0	2	2
2.	CE601	Design of Structures-II	3	1	0	4	4
3.	CE602	Environmental Engineering-II	3	1	0	4	4
4.	CE603	Transportation Engineering-II	3	1	0	4	4
5.	CE604	Foundation Engineering	3	1	0	4	4
6.	CE605	Hydraulic Engineering	3	1	0	4	4
7.	CE672	Environmental Engineering-II	0	0	2	2	2
8.	CE673	Transportation Engineering-II	0	0	2	2	2
9.	CE675	Hydraulic Engineering	0	0	2	2	2
Total Credits							28

7TH SEMESTER

Sl. No.	Code	Subjects	Contacts (periods per week)				Credit Points
			L	T	P	Total	
1.	CE701	Estimation and Costing	4	1	0	5	5
2.	CE702	Structural Analysis-III	4	1	0	5	5
3.	CE71*	Elective-I	3	0	0	3	3
4.	CE71*	Elective-II	3	0	0	3	3
5.	CE791	Major Project-I	0	0	14	14	8
6.	CE792	Report and Presentation on Practical Training-II	-	-	-	-	3
7.	CE793	Seminar	0	0	3	3	2
Total Credits							29

8TH SEMESTER

Sl. No.	Code	Subjects	Contacts (periods per week)				Credit Points
			L	T	P	Total	
1.	CE801	Design of Structures-III	3	1	0	4	4
2.	CE81*	Elective-I	3	0	0	4	3
3.	CE81*	Elective-II	3	0	0	4	3
4.	CE891	Major Project-II	0	0	18	18	12
5.	CE892	Project Defense	-	-	-	-	4
6.	CE893	Comprehensive Viva Voce	-	-	-	-	8
Total Credits							34

LIST OF ELECTIVE COURSES IN CIVIL ENGINEERING (CONSTRUCTION TECHNOLOGY)

7th Semester Elective-I (any one): CE711: Hydrology; CE712: Soil Stabilization and Ground Improvement Techniques; CE713: Highway Construction Practice; CE714: Open Channel flow

7th Semester Elective-II (any one): CE715: Pavement Analysis and Design; CE716: Irrigation Engineering

CE717: Design of Water Supply and Treatment System; **CE718:** Optimization Techniques in Engineering

8th Semester Elective-I (any one): CE811: Traffic Engineering; CE812: Construction Management

CE813: Finite Element Analysis; **CE814:** Earthquake Resistant Structures

8th Semester Elective-I (any one): CE815: Bridge Engineering; CE816: Advance Foundation Engineering

CE817: Geometric Designs of Transportation Facilities; **CE818:** Environmental Impact Assessments