

CIVIL ENGINEERING

BE 2nd Year First Semester

S. No.	Course Code	Course Name	L	T	P	Total	Credits
1	CH 201 or CH 201 H	Chemistry-I	4	0	0	4	4
2	ENN 201	Solid Mechanics	4	0	0	4	4
3	CE 211 or CE 211 H	Geo Informatics	4	0	0	4	4
4	CE 212 or CE 212 H	Building Construction and Estimation	4	0	0	4	4
5	CE 213 or CE 213 H	Transportation Engineering-I	4	0	0	4	4
6	CH 202	Chemistry Lab	0	0	3	3	2
7	ENN 202	Fluid Mechanics	4	0	0	4	4
	Total :		24	0	3	27	26

BE 2nd Year Second Semester

S. No.	Course Code	Course Name	L	T	P	Total	Credits
1	MA 201	Math-III	4	0	0	4	4
2	PY 201 or PY 201 H	Physics II	4	0	0	4	4
3	CE 215 or CE 215 H	Structural Mechanics-I	4	0	0	4	4
4	CE 216 or CE 216 H	Reinforced Concrete Design	4	0	0	4	4
5	CE 217 or CE 217 H	Open Channel Hydraulics	4	0	0	4	4
6	CE 218 or CE 218 H	Environmental Engineering-I	4	0	0	4	4
7	PY 202	Physics Lab.	0	0	3	3	2
8	CE 219	Departmental Lab-I	0	0	3	3	2
	Total:		24	0	6	30	28

Survey Camp of three weeks will be held in the Summer Vacation

BE 3rd Year First Semester

S. No.	Course Code	Course Name	L	T	P	Total	Credits
1	HU 301/302 or HU 301/302 H	Humanities II	3	0	0	3	3

2	MA 301 or MA 301 H	Elective-I/ Numerical Analysis	4	0	0	4	4
3	CE 341 or CE 341 H	Structural Mechanics-II	4	0	0	4	4
4	CE 342 or CE 342 H	Design of Steel Structures	4	0	0	4	4
5	CE 343 or CE 343 H	Geotechnical Engineering-I	4	0	0	4	4
6	CE 354 or CE 354 H	Irrigation Engineering and Hydraulic Structures	4	0	0	4	4
7	CE 355	Departmental Lab-II	0	0	3	3	2
8	CE 356	Departmental Lab-III	0	0	3	3	2
9	CE 357	Survey Camp	0	0	0	0	2
	Total:		23	0	6	29	29

BE 3rd Year Second Semester

S. No.	Course Code	Course Name	L	T	P	Total	Credits
1	CE 397	Full Semester Internship	0	0	0	0	24
	Total:		0	0	0	0	24

BE 4th Year First Semester

S. No.	Course Code	Course Name	L	T	P	Total	Credits
1		<i>Open Elective</i>	4	0	0	4	4
2		Elective-II	4	0	0	4	4
3	CE 430 or CE 430 H	Geotechnical Engineering-II	4	0	0	4	4
4	CE 431 or CE 431 H	Environmental Engineering-II	4	0	0	4	4
5	CE 432	Departmental Lab-IV	0	0	3	3	2
6	CE 433	Departmental Lab-V	0	0	3	3	2
7	CE 498	Capstone Project I	0	0	8	8	4
	Total:		16	0	14	30	24

BE 4th Year Second Semester

S. No.	Course Code	Course Name	L	T	P	Total	Credits
1		Elective-III	4	0	0	4	4
2	HU 404/402 or HU 404/402 H	Humanities-III	4	0	0	4	4

3	CE 434 or CE 434 H	Water Resources Engineering	4	0	0	4	4
4	CE 435 or CE 435 H	Transportation Engineering II	4	0	0	4	4
5	CE 436	Department Lab-VI	0	0	3	3	2
6	CE 437	Departmental Lab-VII	0	0	3	3	2
	CE 499	Capstone Project II	0	0	8	8	4
	Total:		16	0	14	30	24

Elective - I

1	CE 358	Design of Reinforced Concrete Structures
2	CE 359	Bridge, Tunneling, Docks & Harbours
3	CE 360	Works Management & Construction
4	CE 361	Building Services, Estimating & Costing
5	CE 362	Environmental Management & Pollution Control Technologies (Air, Noise & Solid Wastes)
6	CE 363	Economic Evaluation of Transportation Projects

Elective - II

1	CE 438	Bridge Engineering
2	CE 439	Advanced Steel Design
3	CE 440	Hydro Power Engineering
4	CE 441	Ground Water Hydraulics
5	CE 442	Traffic Engineering

Elective - III

1	CE 443	Advanced Structural Design
2	CE 444	Flood Control & River Engineering
3	CE 445	Water Resources Planning And Management
4	CE 446	Industrial Waste Management
5	CE 447	Advanced Water & Waste Water Treatment
6	CE 448	Hydraulics Analysis and Design
7	CE 449	Transportation Planning and Management
8	CE 450	Mass Transportation System

Open Elective 1

1	CE 461	Remote Sensing and GIS
2	CE 462	Environmental Pollution & Management
3	CE 463	Introduction to Earthquake Engineering

