

K L E F
DEPARTMENT OF CIVIL ENGINEERING
COURSES FOR ODD SEMESTER, 2019-2020

II Year 3rd Semester				
S.NO.	COURSE CODE	COURSE NAME	L-T-P	Credits
1	18UC2103	Professional Communication Skills	0-0-4	2
2	18UC0007	Indian Heritage and Culture	0-0-2	0
3	18UC0010	Universal Human Values & Professional Ethics	1-0-2	2
		Foreign language	2-0-0	2
4	18MT2007	Transform & Discrete Mathematics	2-1-0	3
5	18CE2102	Solid Mechanics	3-0-2	4
6	18CE2103	Fluid Mechanics	3-0-2	4
7	18CE2104	Surveying	3-0-2	4
8	18CE2105	Construction Materials & Concrete Technology D	3-0-2	4
9	18TS2101	Field Survey	1-0-2	2
10	18GN2103	Counseling -3	0-0-1	0
11	18GN2109	Cocurricular Activity -3	0-0-0-2	0.5
				27.5
III Year 5th Semester				
S.NO.	COURSE CODE	COURSE NAME	L-T-P	Credits
1	17CE3111	Foundation Engineering	3-0-2	4
2	17CE3113	Design of Steel Structures	3-1-0	4
3	17CE3218	Water Resources Engineering	3-0-0	3
4	17CE3115	Transportation Engineering	3-0-2	4
5	17CE3112	Design of Reinforced Concrete Structures	3-0-2	4
6	17BT1001	Biology for Engineers	2-0-0	2
7	17TS3103	Exploration of Structural Elements	0-0-4-0	2
8	17UC0010	Universal Human Values & Professional Ethics	1-0-2	2
9	17UC0009	Ecology & Environmental sciences	2-0-0	0
10	17UC3105	Aptitude Builder -2	0-0-4	2
11	17GN3105	Counseling -5	0-0-1	0
12	17GN3111	Cocurricular Activity -5	0-0-0-2	0.5

IV Year 7th Semester				
S.NO.	COURSE CODE	COURSE NAME	L-T-P	Credits
1		Professional Elective - 3	3-0-0	3
	15 CE 4156	Bridge Engineering		
	15 CE 4160	Ground Improvement Techniques		
	15 CE 4164	Environmental impact assessment		
	15 CE 4168	Railways, Docks, Harbors and airports		
2		Professional Elective - 4	3-0-0	3

	15 CE 4158	Earthquake Resistant Design of Structures		
	15 CE 4162	Advanced Foundation Engineering		
	15 CE 4166	Solid waste management and landfills		
	15 CE 4170	Advanced Highway Engineering		
3		Professional Elective - 5	3-0-0	3
	15 CE 4159	Prestressed Concrete		
	15 CE 4163	Design of Earth Retaining Structures		
	15 CE 4167	Advanced Environmental Engineering		
	15 CE 4171	Urban Transport Systems Planning		
4		Management Elective	3-0-0	3
	15 HS 213	Construction Planning and Management		
5		Foreign Language/Non- Native Language	2-0-0	2
6	15GN1001	Ecology and Environment	2-0-0	2
7	15TS2104	Road Safety Audit	0-0-0-8	2
8	15IE4049	Minor Project	0-0-4	2
				20

SEMESTER 8				
1		Open Elective - 1	3-0-0	3
	15CE30A2	Environmental Pollution Control		
	15CE30A3	Solid and Hazardous Waste Management		
	15CE30A4	Remote Sensing and GIS		
	15CE30A5	Disaster Management		
2		Open Elective - 2	3-0-0	3
	15CE30A2	Environmental Pollution Control		
	15CE30A3	Solid and Hazardous Waste Management		
	15CE30A4	Remote Sensing and GIS		
	15CE30A5	Disaster Management		
3	15IE4048/ 15IE4050	Practice School Project	0-0-16	8