

CIVIL ENGINEERING

Programme: B. Tech/C.E.

Semester : III

Year : July 2017

Course No.	Course Title	Course Type	L	T	P	C	Remarks
MA201	Mathematics III	SC	3	0	0	3	
CE201	Solid Mechanics	DC	3	0	0	3	
CE202	Surveying	DC	3	0	0	3	
CE203	Civil Engineering Materials	DC	2	0	0	2	
CE204	Environmental Engineering - I	DC	3	0	0	3	
CE205	Structural Analysis - I	DC	3	0	0	3	
PH201	Science Elective (Physics of materials)	SE	3	0	0	3	
CE211	Surveying Lab	DC	0	0	4	2	
CE212	Civil Engineering Materials- Lab	DC	0	0	2	1	
CE213	Environmental Engineering Lab	DC	0	0	2	1	
			20	0	8		
		Total		28		24	

Sc. Core (SC); Sc. Electives (SE); Engg. Sc. Core (ESC); HSS Core (HSC); HSS Elective (HSE); Discipline Core (DC); Discipline Elective (DE); Open Elective (OE); Project Work (PW)

Programme: B. Tech/C.E.

Semester : V

Year : July 2017

Course No.	Course Title	Course Type	L	T	P	C	Remarks
CE301	Reinforced Concrete Design	DC	3	1	0	4	
CE302	Geotechnical Engineering - II	DC	3	0	0	3	
CE303	Transportation Engineering - I	DC	3	0	0	3	
CE334	Departmental Elective-I - Engineering Geology	DE	3	0	0	3	
CE333	Open Elective-II-Computational methods in civil Engineering	OE	3	1	0	4	
HS 302	Accounting And Financial Methods	HSS	3	0	0	3	
CE304	Hydrology and Water Resources Engineering	DC	3	0	0	3	
CE311	Transportation Engineering Lab- I	DC	0	0	2	1	
CE312	Geotechnical Engineering Lab- II	DC	0	0	2	1	
			21	2	4		
		Total		27		25	

Sc. Core (SC); Sc. Electives (SE); Engg. Sc. Core (ESC); HSS Core (HSC); HSS Elective (HSE); Discipline Core (DC); Discipline Elective (DE); Open Elective (OE); Project Work (PW)

Programme: B. Tech/C.E.

Semester : VII

Year : July 2017

Courses to be offered:

Course No.	Course Title	Course Type	L	T	P	C	Remarks
CE401	Project works-I	PW	0	0	8	4	
CE430	<i>Departmental Elective-III- Irrigation Engineering</i>	DE	3	0	0	3	
CE431	<i>Departmental Elective-IV- Ground improvement techniques</i>	DE	3	1	0	4	
HS 401	Professional Ethics	HSC	2	0	0	2	
CE428/ME437	<i>Open Elective-V: CE – 428 - Finite Element Methods in Engineering, ME – 437 – Fracture Mechanics</i>	OE	3	0	0	3	
HS402	Introduction to Economics	HSC	3	0	0	3	
			14	1	8		
		Total	23			19	

Sc. Core (SC); Sc. Electives (SE); Engg. Sc. Core (ESC); HSS Core (HSC); HSS Elective (HSE); Discipline Core (DC); Discipline Elective (DE); Open Elective (OE); Project Work (PW)