

**DEPARTMENT  
OF  
CIVIL ENGINEERING**

## VII Semester B. E.

Course Code	Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	*Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
18UCVC700	PC	Wastewater Engineering	4 - 0 - 0	4	50	100	3	-	-
18UCVC701	PC	Design of Steel Structures	4 - 0 - 0	4	50	100	3	-	-
18UCVE7XX	PE	Program Elective-4	3 - 0 - 0	3	50	100	3	-	-
18UCVO7XX	OE	Open Elective 2	3 - 0 - 0	3	50	100	3	--	--
18UCVL702	PC	Major Project Phase-1	0 - 0 - 4	2	50	--	--	50	3
18UCVL703	PC	Internship	4 w e e k s	2	50	--	--	50	3
18UCVL704	PC	Environmental Engineering Laboratory	0 - 0 - 2	1	50	--	--	50	3
		<b>Total</b>	<b>14 - 0 - 6</b>	<b>19</b>	<b>350</b>	<b>400</b>		<b>150</b>	

PC- Program Core, PE-Program Elective, OE- Open Elective and HU- Humanities,

**List of Elective Courses**

Course Code	Course Title
18UCVE714	Advanced design of RC Structures
18UCVE715	Introduction to Bridge Engineering
18UCVE716	Structural Dynamics
18UCVE718	Advanced Foundation Design
18UCVE724	Construction Contract Management
18UCVE725	Earthquake resistant structures
18UCVE726	Construction Equipment and Management
18UCVE727	Design of Prestressed Concrete Structures
18UCVE728	Urban Transport Planning

**List of Open Elective Course**

Course Code	Course Title
18UCVO701	Introduction to law for Engineers

**CIE:** Continuous Internal Evaluation

**L:** Lecture

**T:** Tutorials

**Semester End Examination:** Semester End Examination

**P:** Practical

\*Semester End Examination for theory courses is conducted for 100 marks and reduced to 50 marks.

## SDMCET: Syllabus

### VI Semester

Course Code	Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	*Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
18UCVC600	PC	Quantity Surveying and Estimation	4 - 0 - 0	4	50	100	3	-	-
18UCVC601	PC	Geotechnical Engineering - II	4 - 0 - 0	4	50	100	3	-	-
18UCVE6XX	PE	Program elective I	3 - 0 - 0	3	50	100	3	-	-
18UCVE6XX	PE	Program elective II	3 - 0 - 0	3	50	100	3	-	-
18UCVE6XX	OE	Open Elective	3 - 0 - 0	3	50	100	3	--	--
18UCVL602	PC	Geotechnical Engineering Laboratory	0 - 0 - 3	1.5	50	--	--	50	3
18UCVL603	PC	Software Laboratory	0 - 0 - 3	1.5	50	--	--	50	3
18UCVL604	PC	Minor Project 2- Extensive Survey project	0 - 0 - 4	2	50	--	--	50	3
18UHUL605	HU	Soft skills/Aptitude	0 - 0 - 2	1	50	--	--	--	--
<b>Total</b>			<b>17 - 0 - 12</b>	<b>23</b>	<b>450</b>	<b>500</b>		<b>150</b>	

**SDMCET: Syllabus**

**List of Program Electives**

Course Code	Course Title
18UCVE615	Matrix Method of Structural Analysis
18UCVE616	Design of Special RC Structures
18UCVE617	Advanced Structural Analysis
18UCVE619	Open channel Hydraulics

**List of Open Electives**

Course Code	Course Title
18UCVO601	Traffic Engineering



HOD, Civil Engineering