

M. Tech. STRUCTURAL ENGINEERING

Year	FIRST SEMESTER						SECOND SEMESTER						
	Sub. Code	Subject Name	L	T	P	C	Sub. Code	Subject Name	L	T	P	C	
I	MA6104	Statistics, Probability and Reliability	3	1	0	4	CV6211	Earthquake Engineering	4	0	0	4	
	CV6170	Research Methodology	3	0	0	3	CV6212	Bridge Engineering	3	1	0	4	
	CV6111	Advanced Structural Analysis	3	1	0	4	CV6213	Structural Dynamics	3	1	0	4	
	CV6112	Advanced Design of Reinforced Concrete Structures	4	0	0	4	CV62XX	Program Elective – II	4	0	0	4	
	CV6113	Advanced Concrete Technology	4	0	0	4	CV62XX	Program Elective – III	4	0	0	4	
	CV61XX	Program Elective – I	3	0	0	3	-----	Open Elective	3	0	0	3	
	CV6131	Structural Engineering Lab – I	0	0	2	1	CV6231	Structural Engineering Lab - II	0	0	2	1	
	CV6180	Minor Project	0	0	2	1	CV6235	Seminar	0	0	2	1	
							CV6280	Minor Project	0	0	2	1	
			20	2	4	24			21	2	6	26	
	Total Contact Hours (L + T + P)		26			Total Contact Hours (L + T + P) + OE				26 + 3 = 29			
II	THIRD & FOURTH SEMESTER												
	CV7080	Dissertation							0	0	0	25	
									0	0	0	25	
	Total Contact Hours (L + T + P) + OE								0				
Program Elective – I 1. CV6150 Finite Element Method 2. CV6151 Durability Assessment of Reinforced Concrete Structures 3. CV6152 Advanced Solid Mechanics 4. CV6153 Design of Industrial Structures							Open Elective 1. CV6280 Environmental Management						
Program Elective – II 5. CV6250 Pre-stressed Concrete Structures 6. CV6251 Repair, Rehabilitation and Restoration of Structures 7. CV6252 Design of Tall Structures 8. CV6253 Design of Hydraulic Structures													
Program Elective – III 9. CV6254 Advanced Design of Steel Structures 10. CV6255 Plates & Shells 11. CV6256 Advanced Foundation Design 12. CV6257 Design of Composite Structures													

