

Semester: **FIVE**

Sl.No	Subject Code	Subject	Number of contact hours per			Marks allotment		Total	Duration of Exam
			Lecture	Practical	Total	Internal	Exam		
1	10CT 51	Construction Planning and Control	4	-	4	25	100	125	3 Hours
2	10CT 52	Design of Structures	4	-	4	25	100	125	3 Hours
3	10CV 53	Geo-technical Engineering – I	4	-	4	25	100	125	3 Hours
4	10CT 54	Construction Economics and Finance	1	3	4	25	100	125	3 Hours
5	10CV 55	Transportation Engineering – I	4	-	4	25	100	125	3 Hours
6	10CT 56	Building Drawing	1	3	4	25	100	125	4 Hours
7	10CTL 57	CAD Lab – I	-	3	3	25	50	75	3 Hours
8	10CTL 58	Construction Technology Laboratory	-	3	3	25	50	75	3 Hours
Total					30	200	700	900	

Semester: **SIX**

Sl. No	Subject Code	Subject	Number of contact hours per			Marks allotment		Total	Duration of Exam
			Lecture	Practical	Total	Internal	Exam		
1	10CT 61	Construction Quality Management	4	-	4	25	100	125	3 Hours
2	10CT 62	Contracts and Specifications	4	-	4	25	100	125	3 Hours
3	10CV 63	Transportation Engineering – II	4	-	4	25	100	125	3 Hours
4	10CV 64	Irrigation Engineering and Hydraulic Structures	4	-	4	25	100	125	3 Hours
5	10CT 65	Construction Methods & Equipments	4	-	4	25	100	125	3 Hours
6	10CT 66	Elective – I	4	-	4	25	100	125	3 Hours
7	10CTL 67	Geo-technology Lab	-	3	3	25	50	75	3 Hours
8	10CTL 68	Construction Study Project	-	3	3	25	50	75	3 Hours
Total			24	6	30	200	700	900	

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
SCHEME OF STUDIES FOR BACHELOR OF ENGINEERING
IN CONSTRUCTION TECHNOLOGY AND MANAGEMENT

List of Electives

Semester – VI	Semester – VII	Semester – VIII
Group – A	Group – B	Group – D
10CT 661 Ground Improvement Techniques	10CT 751 Pre-fabrication Construction Techniques	10CT 831 Applied Geo-Technical Engineering
10CT 662 Design of Masonry Structures	10CT 752 Advanced Design of R.C. Structures	10CT 832 Building Climatology
10CT 663 Advanced Surveying	10CT 753 Urban and Regional Planning	10CT 833 Distress Diagnostics, Repair and Rehabilitation of Structures
10CT664 Fundamentals of Architecture	10CT 754 Landscape Design and Planning	10CT 834 Bridge Engineering
	Group – C	Group – E
	10CT 761 Photogrammetry and Remote Sensing	10CT 841 Foundation Engineering
	10CT 762 Alternative Building Materials and Technologies	10CT 842 Special Concretes
	10CT 763 Rural water supply and Sanitation	10CT 843 Geographic Information System (GIS)
	10CT 764 Computer Applications in Construction Engineering and Planning	10CT 844 Project Safety Management