

**IV B.TECH, I-SEMESTER (R12)**

Subject Code	Subject	Hours/ Week			Credits	Marks		
		Theory	Tutorial	Lab		Internal	External	Total
A0121127	Geotechnical Engineering-II	3	1	-	3	30	70	100
A0122127	Estimation, Costing & Valuation	3	1	-	3	30	70	100
A0123127	Advanced Structural Design	3	1	-	3	30	70	100
A0124127	Finite Element Methods in Civil engineering	3	1	-	3	30	70	100
	Elective - I	3	1	-	3	30	70	100
	Elective - II	3	1	-	3	30	70	100
A0135127	Air Pollution And Solid Waste Management	3	-		2	30	70 (Internal Evaluation)	100
A0183127	GIS Lab	-	-	3	2	25	50	75
A0184127	Concrete & Highway Engineering Lab	-	-	3	2	25	50	75
A0185127	Industry Oriented Mini Project ( Design Project))	-	-	3	2	25	50	75
	<b>Contact Periods / Week</b>	<b>21</b>	<b>6</b>	<b>9</b>	<b>26</b>	<b>285</b>	<b>640</b>	<b>925</b>

**IV B.TECH, II-SEMESTER (R12)**

Subject Code	Subject	Hours/ Week			Credits	Marks		
		Theory	Tutorial	Lab		Internal	External	Total
A0136128	Design and Drawing of Irrigation Structures	3	1	-	3	30	70	100
	Elective - III	3	1	-	3	30	70	100
	Elective - IV	3	1	-	3	30	70	100
A0148128	Maintenance & Repair of Buildings	3	-	-	2	30	70 (Internal Evaluation)	100
A0186128	Project Work	-	-	-	10	50	100	150
A0187128	Seminar	-	-	-	2	50	-	50
A0188128	Comprehensive Viva-Voce	-	-	-	3	-	50	50
	<b>Contact Periods / Week</b>	12	3	-	26	220	430	650