

II B.TECH, I-SEMESTER COURSE STRUCTURE

Subject Code	Name of the Subject	Hours/Week				Marks		
		Theory	Tutorial	Lab	Credits	Internal	External	Total
THEORY								
A0015153	Mathematical Methods	3	1	-	3	30	70	100
A0201153	Basics Electrical & Electronics Engineering	3	1	-	3	30	70	100
A0009153	Environmental Science	3	1	-	3	30	70	100
A0149153	Strength of Materials – I	3	1	-	3	30	70	100
A0103153	Geodetic Engineering	3	1	-	3	30	70	100
A0104153	Fluid Mechanics	3	1	-	3	30	70	100
SKILL DEVELOPMENT COURSE								
A0010153	Aptitude Arithmetic Reasoning & Comprehension	1	2	-	1	30	70 (Internal Evaluation)	100
PRACTICALS								
A0192153	Geodetic Engineering Lab – I	-	-	3	2	25	50	75
A0193153	Strength of Materials Lab	-	-	3	2	25	50	75
A0291153	Basic Electrical & Electronics Engineering Lab	-	-	3	2	25	50	75
Contact Periods / Week		19	8	9	25	285	640	925

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THEORY								
A0105154	Engineering Geology	3	1	-	3	30	70	100
A0106154	Building Materials and Construction	3	1	-	3	30	70	100
A0107154	Strength of Materials – II	3	1	-	3	30	70	100
A0108154	Hydraulics and Hydraulic Machinery	3	1	-	3	30	70	100
A0109154	Structural Analysis – I	3	1	-	3	30	70	100
A0110154	Concrete Technology	3	1	-	3	30	70	100
SKILL DEVELOPMENT COURSE								
A0011154	Corporate Management Skills	1	2	-	1	30	70 (Internal Evaluation)	100
PRACTICALS								
A0194154	Fluid Mechanics and Hydraulic Machines Lab	-	-	3	2	25	50	75
A0195154	Geodetic Engineering Lab – II	-	-	3	2	25	50	75
A0196154	Building Planning & Drawing Lab	-	-	3	2	25	50	75
Contact Periods / Week		19	8	9	25	285	640	925