

IIIB.TECH, I-SEMESTER COURSE STRUCTURE

Subject Code	Name of the Subject	Hours/Week			Credits	Marks		
		Lecture/ Theory	Tutorial	Laboratory/ Practical		Internal	External	Total
THEORY								
A0109195	Concrete Technology	2	1	-	3	30	70	100
A0110195	Design of Reinforced Concrete Structural Elements	2	1	-	3	30	70	100
A0111195	Hydrology and Water Resources Engineering	2	1	-	3	30	70	100
A0112195	Environmental Engineering	2	1	-	3	30	70	100
A0113195	Geotechnical Engineering	2	1	-	3	30	70	100
A0114195	Construction technology and project management	2	-	-	0.5	30	70	100
A0017194	Indian Heritage, culture Tradition	2	-	-	-	-	-	-
PRACTICALS								
A0195195	Concrete Technology Lab	-	-	3	1.5	25	50	75
A0196195	Geotechnical Engineering Lab	-	-	3	1.5	25	50	75
A0197195	CAD LAB - I	-	-	3	1.5	25	50	75
A0098195	Comprehensive Viva - V	-	-	-	0.5	-	50	50
Contact Periods / Week		14	5	9	20.5	255	620	875

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		Lecture/ Theory	Tutorial	Laboratory/ Practical		Internal	External	Total
THEORY								
A0115196	Design of Steel Structural Elements	2	1	-	3	30	70	100
A0116196	Estimating Costing and Valuation	2	1	-	3	30	70	100
A0117196	Transportation Engineering	2	1	-	3	30	70	100
1.A0118196 2.A0119196 3.A0120196 4.A0121196	Moocs (A0021196) Elective – I /Open Elective Pre stressed Concrete Global Warming and Climate change Experimental Stress Analysis Rehabilitation of Structures	2	1	-	3	30	70	100
1.A0122196 2.A0123196 3.A0124196 4.A0125196	Elective – II /Professional Elective Advanced Geotechnical Engineering Bridge Engineering Environmental Pollution and Control Advanced Structural Analysis	2	1	-	3	30	70	100
A0518196	Object Oriented Programming Through JAVA	2	-	-	0.5	30	70	100
A0018194	Constitution of India	2	-	-	-	-	-	-
Practicals								

A0198196	CAD LAB - II	-	-	3	1.5	25	50	75
A0199196	Environmental Engineering Lab	-	-	3	1.5	25	50	75
A0099196	INTERNSHIP	-	-	-	1	-	-	-
A0082196	Mini Project - 1				1.5	25	50	75
A0081196	Comprehensive Viva - VI	-	-	-	0.5	-	50	50
Contact Periods / Week		14	5	6	21.5	255	620	875