

R G M COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS
DEPARTMENT OF CIVIL ENGINEERING

IVB.TECH, I-SEMESTER COURSE STRUCTURE

Subject Code	Category	Name of the Subject	Hours/Week			Credits	Marks		
			Theory	Tutorial	Lab		Internal	External	Total
THEORY									
	PCC	Managerial Economics and Financial Analysis	2	1	-	3	30	70	100
	OEC2	1] Geoinformatics 2] Building Information Modelling 3] Railways, Docks and Harbour Engineering 4] Earthquake Resistant Design	2	1	-	3	30	70	100
	PEC2	1] Finite Element Methods in Civil Engineering 2] Hydraulic Structures 3] Water Resources System Planning And Management 4]Advanced Structural Design	2	1	-	3	30	70	100
	PEC3	MOOCS/ Maintenance and Repair of Buildings	2	1	-	3	30	70	100
	PEC4	1] Pavement Analysis and Design 2]Traffic Engineering 3]Fire Safety Engineering Design of Structures 4] Experiment Stress Analysis	2	1	-	3	30	70	100
PRACTICALS									
	PCC	Transportation Engineering Lab	-	-	3	1.5	25	50	75
	PCC	Geographical Information Systems Lab	-	-	3	1.5	25	50	75
SKILL DEVELOPMENT COURSE									
	SDC	Numerical Methods in Civil Engineering	2	1	3	0.5	30	70	100
CV& PROJECTS									
	CV	Comprehensive Viva-VII				0.5	00	50	50
	PW	Project Work – Phase-1				1.0			
	MP	Mini Project-II [Epics]				1.5			
Total						21.5			

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IVB.TECH, II-SEMESTER COURSE STRUCTURE

Subject Code	Category	Name of the Subject	Hours/Week			Credits	Marks		
			Theory	Tutorial	Lab		Internal	External	Total
THEORY									
	PEC5	1] Design and Drawing of Irrigation Structures 2] Open Channel Hydraulics 3] Industrial Waste and Waste Water Management 4] Rehabilitation of Structures	2	1	-	3	30	70	100
	OEC3	1] Environmental Impact Assessment and Management 2] Watershed Management 3] Ground Improvement Techniques 4]Construction Methods and Equipment	2	1	-	3	30	70	100
SKILL DEVELOPMENT COURSE, CVV, SEMINAR &P.W									
	SDC	Green Buildings	2	1	3	0.5	30	70	100
	CV	Comprehensive Viva-VIII				0.5			
	SEM	Seminar				0.5			
	PW	Project Work Phase-2 /Internship				08	00	50	50
Total						15.5			