

Course Number and Name												
BCE082 - ENVIRONMENTAL ENGINEERING STRUCTURES												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Ms. K.ANITHA												
Course Objective												
<ul style="list-style-type: none"> To educate the students in detailed concepts related to water transmission mains, water distribution system, sewer networks and storm water drain, with emphasis on computer application 												
Prerequisites						Co-requisites						
Environmental Engineering						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	To make them understand the fundamentals of Structural design of Concrete, Prestressed Concrete, Steel and Cast iron etc											
CO2	To understand about the methods of analysis and design of water tanks and the types of cement roofing system											
CO3	To understand in detail about the design of special purpose structures like underground reservoirs and swimming pools.											
CO4	To improve the knowledge on the repair and rehabilitation of structures and also diagonalising and identification of the cause and damage											
CO5	To know about the exposure on steel, lattice structures used in water and sewerage works.											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
CO1	H											
CO2	H			M						L		
CO3	H	L										
CO4						H			L			
CO5		M		H								