

Course Number and Name												
BCE7L2 - COMPUTER AIDED DESIGN AND DRAFTING LABORATORY												
Credits and Contact Hours												
2 & 45												
Course Coordinator's Name												
Ms.R.Chitra												
Course Description												
<ul style="list-style-type: none"> The student shall be able to conceive, design and draw all types of irrigation structures in detail showing plan, elevation and sections. This subject includes process design (excluding Structural Design) of major units associated with water and sewage treatment and transport including house building drainage. At the end of the course, the student is expected to know about the sizing of treatment plant units and draw the general arrangement. To understand the techniques for designing of reinforced concrete structures and steel structures 												
Prerequisites						Co-requisites						
Computer Aided Building Drawing						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Have a fundamental knowledge of the design of irrigation structures.											
CO2	Have a fundamental knowledge of the design of environmental works which can describe real life phenomena.											
CO3	To learn about design and Drawing for concrete structures											
CO4	To learn about design and Drawing for steel structures											
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		H				L		M		H	
CO2	H		H				L		M		H	
CO3	H		H				L		M		H	
CO4	H	M	H		M		M		M		H	