

Course Number and Name													
BCE703 - DESIGN OF STEEL STRUCTURES													
Credits and Contact Hours													
4 & 60													
Course Coordinator's Name													
Dr.S.J.Mohan													
Course Objective													
<ul style="list-style-type: none"> This course deals with some of the special aspects with respect to Civil Engineering structures in industries. 													
Prerequisites							Co-requisites						
Basic Structural Design							NIL						
required, elective, or selected elective (as per Table 5-1)													
Course Outcomes (COs)													
CO1		Design of plate girders, web and flange design, curtailment of flange plates.											
CO2		Design of simple and built up columns subject to combined bending and axial loads											
CO3		Design of flexural and compression members, Design of self supporting steel chimneys.											
CO4		Design of overhead rectangular, cylindrical and pressed steel tanks											
CO5		To study shape factor, plastic hinge ,plastic moment , plastic analysis of beams.											
Student Outcomes (SOs) from Criterion 3 covered by this Course													
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
	CO1	M		H	M								
	CO2	M		H	M								
	CO3	M		H	M		M				L		
	CO4	M		H	M								
	CO5	M		H	M								