

Course Number and Name												
BCE060 - MODERN CONSTRUCTION MATERIALS												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Mr.S.Vinothkumar												
Course Objective												
<ul style="list-style-type: none"> To bring about an exposure to design concepts structures, the loads, systems, structural materials, design procedures, repair and rehabilitation of systems 												
Prerequisites						Co-requisites						
Building Construction Technology						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Identify the various types of concretes and their constituents and properties.											
CO2	Identify the various types of metals, their properties and applications.											
CO3	Identify the various composite materials, their properties and applications.											
CO4	Understand the concept of water-proofing and identify the purpose of flooring and façade materials.											
CO5	Design and develop smart intelligent buildings.											
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			L	
	CO2	M				H		M				
	CO3	M				H		M		L		
	CO4	M				H		M				
	CO5	M				H		M				