

Course Number and Name													
BCH101 - Engineering Chemistry I													
Credits and Contact Hours													
3 & 45													
Course Coordinator's Name													
Dr.Rajenderan													
Course Objectives													
To impart a sound knowledge on the principles of chemistry involving the different application oriented topics required for all engineering branches.													
Prerequisites							Co-requisites						
+2 level Chemistry							Nil						
required, elective, or selected elective (as per Table 5-1)													
Required													
Course Outcomes (COs)													
CO1: Understand the principles of water characterization and treatment for portable and industrial purposes.													
CO2: To impart knowledge on the essential aspects of Principles of polymer chemistry and engineering applications of polymers.													
CO3: Having a sound knowledge in the Field of the Conventional and non-Conventional energy													
CO4: To impart knowledge on the essential aspects of electrochemical cells, EMF and applications of EMF measurements.													
CO5: To make the students understand the Principles of corrosion and corrosion control.													
CO6: To impart knowledge about the Conventional and non-conventional energy sources and energy storage devices.													
Student Outcomes (SOs) from Criterion 3 covered by this Course													
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l	
CO1	H						H						
CO2		L	H		M								
CO3		M		H									
CO4	H		M	L			H						
CO5		L	L										
CO6	H						H						