

Course Number and Name												
<b>BCE502 - APPLIED HYDRAULIC ENGINEERING</b>												
Credits and Contact Hours												
<b>3 &amp; 45</b>												
Course Coordinator's Name												
Mr.S.Rajesh												
Course Objective												
<ul style="list-style-type: none"> <li>To introduce the students to various hydraulic engineering problems like open channel flows and hydraulic machines.</li> <li>At the completion of the course, the student should be able to relate the theory and practice of problems in hydraulic engineering.</li> </ul>												
Prerequisites						Co-requisites						
Fluid Mechanics						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Be able to apply their knowledge of fluid mechanics in addressing problems in open channels.											
CO2	They will possess the skills to solve problems in uniform, gradually and rapidly varied flows in steady state conditions.											
CO3	They will have knowledge in hydraulic machineries (Turbines)											
CO4	Acquire skills in rotodynamic machineries that will help in their day-to-day-life.											
CO5	Acquire skills in Reciprocal pumps.											
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	M	L	H	H							
CO2	H	M	L	H	H							
CO3	H	M	L	H	H							
CO4	H	M	L	H	H							
CO5	H	M	L	H	H							