

Course Number and Name													
BCE3L3 – FLUID MECHANICS, MACHINERY & STRENGTH OF MATERIALS													
Course Objective													
OBJECTIVES													
To supplement the theoretical knowledge gained in Mechanics of Solids with practical testing for determining the strength of materials under externally applied loads. This would enable the student to have a clear understanding of the design for strength and stiffness													
To make students groom their personality and prove themselves as good Samaritans of the society.													
Prerequisites							Co-requisites						
Nil							FLUID MECHANICS & MACHINERY						
Course Outcomes (COs)													
CO1		Students will understand flow through pipes											
CO2		Students will practically understand different flow measuring equipment .											
CO3		Student will understand the strength of components and testing methods.											
CO4		Student will understand the characteristics of pumps.											
CO5		students study the importance of flow analysis											
CO6		students learn deflection and stresses											
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	M	H			L	L	L	L	L	L	H
	CO2	H	M	H			L	L	L	L			H
	CO3	H	M	H			L	L	L	L			H
	CO4	H	M	H			L	L	L	L			H
	CO5	H	M	H			L	L	L	L			H
	CO6	H	M	H			L	L	L	L			H