

Course Number and Name													
BME503 - FLUID POWER SYSTEMS													
Course Objective													
To know the advantages and applications of Fluid Power Engineering and Power Transmission System. To learn the Applications of Fluid Power System in automation of Machine Tools and others Equipments.													
Prerequisites							Co-requisites						
Fluid Mechanics & Machinery							Nil						
required, elective, or selected elective (as per Table 5-1)													
Required													
Course Outcomes (COs)													
CO1	Identify hydraulic and pneumatics components.												
CO2	Ability to design hydraulic and pneumatic circuits												
CO3	Design hydraulic circuits												
CO4	Learn the concepts of pneumatic power and design												
CO5	Learn to select materials												
CO6	Students will learn to design												
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	L					M	M		H	H
	CO2	H	H	L					M	M		H	H
	CO3	H	H						M	M		H	H
	CO4	H	M	L					M	M		H	H
	CO5	M	H	L					M	M		M	M
	CO6	M	H	L					M	M		M	M