

Course Number and Name												
BEE603 & Microprocessor and Microcontroller												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Mr.K.S.Prasad												
Course Objectives												
To gain knowledge in microprocessor architecture, programming and its various applications.												
Prerequisites						Co-requisites						
Digital Electronics						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Able to understand the 8 bit microprocessor architecture, interrupts and timing diagram.												
CO2: To expertise the concepts of theory and programming of microprocessors.												
CO3: To understand the architecture, instruction set and programming of 8051 microcontroller.												
CO4: To Understand the concept of Interfacing and to apply for real time applications												
CO5: To expertise the Micro controller programming & its applications.												
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/POs	a	b	c	d	e	f	g	h	i	j	k	l
CO1	M	M	M	H	M	H		M				M
CO2	M	M	M	H	M	M	M	H	H			M
CO3		M	H	H	H	H		H	M			
CO4		M	H	H	H	H	M	M	M			
CO5			L	H		M						M