

<b>Course Number and Name</b>												
BEE5L1 & Control Systems Laboratory												
<b>Credits and Contact Hours</b>												
2 & 45												
<b>Course Coordinator's Name</b>												
Dr.V.Jayalakshmi												
<b>Course Objectives</b>												
To introduce control system lab experiments using hardware and software tools which provide path towards the engineering applications.												
<b>Prerequisites</b>						<b>Co-requisites</b>						
Nil						Control system						
required, elective, or selected elective (as per Table 5-1)												
Required												
<b>Course Outcomes (COs)</b>												
CO1: Ability to understand and analyze the impact of PID controllers on linear system. CO2:..Ability to conduct control system experiments and analyze the concepts CO3: Ability to design compensators CO4: Ability to determine control system's parameters and transfer function parameters. CO5: Ability to use Matlab software for control system concepts.												
<b>Student Outcomes (SOs) from Criterion 3 covered by this Course</b>												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
CO1	M			H	M				M			M
CO2	M			H	M				M			M
CO3	M		M	H	M				M			M
CO4	H			H	M				M			M
CO5	M			H	H	H			H			H