Course Number and Name

BEE009 & Robotics and Automation

Credits and Contact Hours

3&45

Course Coordinator's Name

Mr.Vijayaragavan

Course Objectives

To provide comprehensive knowledge of robotics in the design, analysis and control point of view.

Prerequisites	Co-requisites
Control Systems	Nil

required, elective, or selected elective (as per Table 5-1)

Required

Course Outcomes (COs)

CO1: To study the basic concepts of robotics

CO2: To study about the sensors and transducers involved in robotics.

CO3: To study about the software and programming for robots.

CO4: To study about the robot motion analysis and control manipulation kinematics.

CO5: To study the remote controlled robots for industrial automation.

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	M	H	H	H		M	H		M		H	M
CO2	M	M	M									
CO3	M	H	M	M		M	H		M			M
CO4	M	H	M								H	
CO5	M	H	M			M	H		M			H