

Course Number and Name												
BCE093 - REMOTE SENSING AND GIS												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Dr.A.Mani												
Course Objective												
<ul style="list-style-type: none"> To introduce the students to the basic concepts and principles of various components of remote sensing. To provide an exposure to GIS and its practical applications in civil engineering. 												
Prerequisites						Co-requisites						
Engineering Physics – II						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Apply the concepts of Electro Magnetic energy, spectrum and spectral signature curves in the practical problems											
CO2	Apply the concepts of satellite and sensor parameters and characteristics of different platforms											
CO3	Apply the concepts of DBMS in GIS											
CO4	Analyze raster and vector data and modeling in GIS											
CO5	Apply GIS in land use, disaster management, ITS and resource information system											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k
	CO1				H	H				H		
	CO2				H	H				H		
	CO3				H	H				H		
	CO4				H	H				H		
	CO5				H	H				H		