

Course Number and Name													
BEE043 & Solar Energy Utilization													
Credits and Contact Hours													
3 & 45													
Course Coordinator's Name													
Mrs.V.Sumathi													
Course Description													
To enable the students to acquire knowledge of solar energy fundamentals and various applications.													
Prerequisites							Co-requisites						
Renewable Energy Sources							NIL						
required, elective, or selected elective (as per Table 5-1)													
Required													
Course Outcomes (COs)													
CO1: Analyze Solar radiation data and its measurement													
CO2: Understand Operation of solar thermal energy systems													
CO3: Understand the working of solar concentrators and their applications to produce energy													
CO4: Understand the photovoltaic theory and implementation process													
CO5: Understand the design of Solar conscious buildings													
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	H			M	M	H			
CO2			M	M	M					M			
CO3	M		M	M					M				
CO4		M	M				M	M					
CO5			M		M	M	M						