

Course Number and Name												
BCE056 - SOLID AND HAZARDOUS WASTE MANAGEMENT												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Dr.A.Mani												
Course Description												
<ul style="list-style-type: none"> To educate the students on the principles involved in the management of municipal solid waste and hazardous wastes- from source identification up to disposal. 												
Prerequisites						Co-requisites						
Environmental Engineering						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	To make them understand the fundamentals of solid and hazardous wastes and also the types, need and sources of solid and hazardous wastes.											
CO2	To understand about the methods of waste characterization and source reduction and to study the various methods of generation of wastes.											
CO3	To understand in detail about the storage, collection and transport of wastes. and also to study about the methods used for handling and segregation of wastes.											
CO4	To improve the knowledge on the waste processing techniques which includes incineration, solidification and stabilization of hazardous wastes											
CO5	To know about the basics of the waste disposal options and also a detailed study on the disposal in landfills and also to learn about landfill remediation											
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				M		
	CO2	H			M					H		
	CO3			M			H					
	CO4	H						H		L		
	CO5		M			H				H		