

WASTE TO ENERGY (R19)

CO#	# Student will be able to
CO-1	Able to understand the basic concepts of waste to energy resources and their conversion devices.
CO-2	Able to understand the concept of pyrolysis and production of different products by using pyrolysis.
CO-3	Analyse different types of biomass gasification techniques and understand biochemical conversion of biomass for energy application.
CO-4	To explore different types of biomass combustion techniques and their working operations
CO-5	Able to describe the basic concepts of biogas and explore biogas plant technology and their applications.
CO-6	Systematically evaluate the main operational challenges in operating thermal and biochemical energy from waste facilities