INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Ms. Ch Sri Vidya	Department:	M.TECH-EMBEDDED SYSTEMS
Regulation:	R18	Batch:	2018-2020
Course Name:	Waste to Energy	Course Code:	BCSB30
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Demonstrate basic concepts of waste to energy resources and their conversion devices to understand basic concept of energy conversion and explore different types of conversion devices.	3	2.3	2.9	Attainment target reached
CO2	Explain the energy generation technologies from waste treatment plants and disposal of solid waste by aerobic composting and incineration process.	3	2.2	2.8	Attainment target reached
CO3	Explain the classification, preliminary design considerations of landfill and methods of landfill disposal of solid to control greenhouse gases.	3	2.3	2.9	Attainment target reached
CO4	Apply the knowledge in planning and operations of waste to Energy plants by following legal legislation related to solid waste management.	0.9	2.3	1.2	Attainment target is not yet reached
CO5	Apply the thermo-chemical conversion of Biogas by using Gasification process for energy generation.	3	2.6	2.9	Attainment target reached
CO6	Identify the need to stringent health safeguards and environmental protection laws of India for the effective disposal of E-waste.	3		2.4	Attainment target reached

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO 4: Additional inputs are provided for planning and operations of waste to Energy plants by following legal legislation related to solid waste management.

Course Coordinator

Mentor

HOD

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