



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. S SELVAPRAKASH	Department:	Information Technology
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Energy from Waste	Course Code:	ACEB52
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Identify the different sources, types of solid waste by the properties of municipal solid waste for segregation and collection of waste.	1.60	2.40	1.8	Attained
CO2	Understand the Composition, characteristics of leachate and preliminary design considerations of landfill to control the emission of gases and monitoring the movement of landfill leachate.	2.30	2.40	2.3	Attained
CO3	Outline the Biochemical conversion of biomass for energy generation by anaerobic digestion of solid waste.	0.90	2.40	1.2	Not Attained
CO4	Illustrate the thermo-chemical conversion of solid waste by using Gasification and pyrolysis process for energy generation.	1.60	2.40	1.8	Attained
CO5	Identify the need to stringent health safeguards and environmental protection laws of India for the effective disposal of E-waste.	0.90	2.40	1.2	Not Attained
CO6	Interpret the global scenario of environmental concerns and health hazards by the generation of E- waste.	0.60	2.40	1	Not Attained

Action Taken:

CO3: Need to discuss more concepts of energy generation by anaerobic digestion of solid waste with examples.

CO5: Need to provide examples for environmental protection laws of India for the effective disposal of E-waste.

CO6: Need to discuss more examples of environmental concerns and health hazards by the generation of E- waste.


Course Coordinator


Mentor


Head of the Department