



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT


Name of the faculty:	Dr BDY Sunil	Department:	ME
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Energy From Waste	Course Code:	AEE551
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

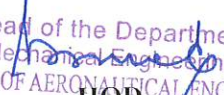
Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Identify the different sources, types of solid waste by the properties of municipal solid waste for segregation and collection of waste	1.70	1.80	1.7	Attainment target not reached
CO2	Understand the Composition, characteristics of leachate and preliminary design considerations of landfill to control the emission of gases and monitoring the movement of landfill leachate	1.00	1.80	1.2	Attainment target not reached
CO3	Outline the Biochemical conversion of biomass for energy generation by anaerobic digestion of solid waste	1.60	2.40	1.8	Attainment target reached
CO4	Illustrate the thermo-chemical conversion of solid waste by using Gasification and pyrolysis process for energy generation	0.90	1.80	1.1	Attainment target not reached
CO5	Identify the need to stringent health safeguards and environmental protection laws of India for the effective disposal of E-waste.	1.60	1.80	1.6	Attainment target not reached
CO6	Interpret the global scenario of environmental concerns and health hazards by the generation of E- waste	1.70	2.40	1.8	Attainment target reached

Action taken report:

CO1: More assignments to be given on types of solid waste.
CO2: Extra classes to be conducted on emission of gases.
CO4: More assignments to be given on thermo-chemical conversion of solid waste.
CO5: Extra classes to be conducted on disposal of E-waste.


Course Coordinator


Mentor


Head of the Department
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HOD