INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ENERGY FROM WASTE

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Mr. S Srikrishnan**	Department:	**IT**
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	0.6	2.7	1.0	Attainment target is not yet 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	0.0	2.7	0.5	Attainment target is not yet reached.
CO3	Outline the Biochemical conversion of biomass for energy generation by anaerobic digestion of solid waste	0.9	2.7	1.3	Attainment target is not yet reached.
CO4	Illustrate the thermo-chemical conversion of solid waste by using Gasification and pyrolysis process for energy generation	0.9	2.7	1.3	Attainment target is not yet reached.
CO5	Identify the need to stringent health safeguards and environmental protection laws of India for the effective disposal of E-waste.	0.9	2.7	1.3	Attainment target is not yet reached.
CO6	Interpret the global scenario of environmental concerns and health hazards by the generation of E- waste.	0.9	2.7	1.3	Attainment target is not yet reached.

Action taken report: (To be filled by the concerned faculty / course coordinator)

CO 1: Need to provide types of solid waste by the properties of municipal solid waste, and also additional digital resourceswhich enables the students to gain more problem-solving skills.
CO 2: Need to provide characteristics of leachate and preliminary design considerations of landfill, and also additional digital resourceswhich enables the students to gain more problem-solving skills.
CO 3: Need to provide more problems and assignments on Biochemical conversion of biomass for energy generation, and also additional digital resourceswhich enables the students to gain more problem-solving skills.
CO 4: Need to provide more problems and assignments on thermo-chemical conversion of solid waste, and also additional digital resourceswhich enables the students to gain more problem-solving skills.
CO 5: Need to provide more problems and assignments on health safeguards and environmental protection laws of India, and also additional digital resourceswhich enables the students to gain more problem-solving skills.
CO 6: Need to provide more problems and assignments on generation of E- waste, and also additional digital resourceswhich enables the students to gain more problem-solving skills.

Course Coordinator **Mentor** **HOD**