



COMPUTER SCIENCE AND ENGINEERING
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. S SELVAPRAKASH	Department:	Computer Science and Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Energy from Waste	Course Code:	ACEB52
Semester:	VIII	Target Value:	70% (2.1)

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.	2.00	2.30	2.1	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.	1.70	2.30	1.8	Not Attained
CO3	Outline the Biochemical conversion of biomass for energy generation by anaerobic digestion of solid waste.	0.90	2.30	1.2	Not Attained
CO4	Illustrate the thermo-chemical conversion of solid waste by using Gasification and pyrolysis process for energy generation.	2.70	2.30	2.6	Attained
CO5	Identify the need to stringent health safeguards and environmental protection laws of India for the effective disposal of E-waste.	2.30	2.30	2.3	Attained
CO6	Interpret the global scenario of environmental concerns and health hazards by the generation of E- waste.	1.60	2.30	1.7	Not Attained

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

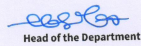
CO2: Applications on Control of emission of gases and characteristics of Leachate will be provided to make students understand the problems associated with emission of gases.

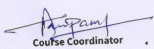
CO3: A Seminar will be arranged on biochemical conversion so that students will understand how to generate energy from solid waste.

CO6: Case studies on health hazards caused by generation of E-waste to make students understand Social responsibility

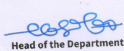

Course Coordinator


Mentor


Head of the Department


Course Coordinator


Mentor


Head of the Department