INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**S LAXMAN KUMAR**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - R18**	Batch:	**2019-2021**
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	Observation
CO1	Identify the different sources and types of solid waste by the properties of municipal solid waste for segregation and collection of waste	0.90	2.20	1.2	Not Attained
CO2	Explain the energy generation technologies from waste treatment plants and disposal of solid waste by aerobic composting and incineration process	0.90	1.50	1	Not Attained
CO3	Illustrate the classification, preliminary design considerations of landfill and methods of landfill disposal of solid to control greenhouse gases.	3.00	1.50	2.7	Attained
CO4	Understand the Composition, characteristics of leachate to control the emission of gasesby monitoring the movement of landfill leachate	3.00	1.90	2.8	Attained
CO5	Outline the Biochemical conversion of biomass for energy generation by anaerobic digestion of solid waste.	3.00	2.10	2.8	Attained
CO6	.	3.00	0.00	2.4	Attained

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

CO1: Case study on Energy generation techniques from waste implemented in real time scenarios will be discussed to enhance students responsibility towards society.

CO2: Tutorial sessions on Waste treatment plants and disposal of solid waste will be discussed through Case studies in real time scenarios will be discussed to enhance students responsibility towards society.

Course Coordinator **Mentor** **Head of the Department**