



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

## STRUCTURAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. G HIMA BINDU	Department:	Structural Engineering
Regulation:	IARE - MT23	Batch:	2023-2025
Course Name:	Energy from Waste	Course Code:	BCCD31
Semester:	III	Target Value:	70% (2.1)

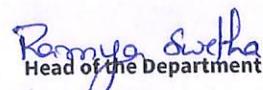
#### Attainment of COs:

	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.	3.00	2.10	2.8	Attained
CO2	Apply thermo-chemical conversion techniques for energy recovery through combustion, incineration, and heat recovery.	3.00	2.30	2.9	Attained
CO3	Apply techniques for monitoring and ensuring compliance with emission norms in waste-to-energy plants.	3.00	2.20	2.8	Attained
CO4	Outline carbon credit mechanisms and their role for promoting sustainable waste-to-energy projects.	3.00	2.10	2.8	Attained
CO5	Compare various thermo-chemical conversion methods for selecting appropriate technologies in waste management.	3.00	2.20	2.8	Attained
CO6	Illustrate centralized and decentralized energy production and distribution systems for waste management applications.	2.20	2.50	2.3	Attained

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

  
Course Coordinator

  
Mentor

  
Ranmya Swetha  
Head of the Department

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