



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. V CHANDRA JAGAN MOHAN	Department:	Electrical Power Systems
Regulation:	IARE - R18	Batch:	2020-2022
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	Demonstrate basic concepts of waste to energy resources and their conversion devices to understand basic concept of energy conversion and explore different types of conversion devices.	1.30	2.50	1.5	Not Attained
CO2	Explain the energy generation technologies from waste treatment plants and disposal of solid waste by aerobic composting and incineration process.	2.30	2.50	2.3	Attained
CO3	Explain the classification, preliminary design considerations of landfill and methods of landfill disposal of solid to control greenhouse gases.	2.30	2.60	2.4	Attained
CO4	Apply the knowledge in planning and operations of waste to Energy plants by following legal legislation related to solid waste management.	0.90	2.50	1.2	Not Attained
CO5	Apply the thermo-chemical conversion of Biogas by using Gasification process for energy generation.	0.90	2.50	1.2	Not Attained
CO6	Identify the need to stringent health safeguards and environmental protection laws of India for the effective disposal of E-waste.	0.90	2.50	1.2	Not Attained

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

CO1: Additional inputs are provided on basic concepts of waste to energy resources and their conversion devices

CO4: ELRV are provided on planning and operations of waste to Energy plants

CO5: Expert lecturers need to be planned

CO6: additional inputs are provided on environmental protection laws of India


Course Coordinator


Mentor


Head of the Department

Head of the Department
Electrical and Electronics Engineering
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