



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. P. VENKATA MAHESH	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Non Conventional Energy Sources	Course Code:	AEEB56
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:


	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Understand the need of energy conversion and the various methods of energy storage .	2.40	2.30	2.4	Attained
CO2	Analyze the major parameters of sun movement, solar radiation and tracking systems for calculation of solar insolation.	2.10	2.30	2.1	Attained
CO3	Identify different concentrating collectors for conversion of solar energy into thermal energy.	2.10	2.20	2.1	Attained
CO4	Explain the concepts involved in wind energy conversion system using vertical and horizontal wind mills.	1.40	2.30	1.6	Not Attained
CO5	Illustrate the operational methods of ocean and tidal energy for electrical energy conversion	2.10	2.20	2.1	Attained
CO6	Utilize the mechanisms for direct energy conversion and geothermal energies into electricity.	2.10	2.20	2.1	Attained

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

CO4: Students shall be motivated to carryout open- ended experiments to address the real time applications on windmills.


Course Coordinator


Mentor


Head of the Department
Head of the Department
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