



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. K DEVENDER REDDY	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
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 .	2.30	2.30	2.3	Attained
CO2 Analyze the major parameters of sun movement, solar radiation and tracking systems for calculation of solar insolation.	2.30	2.30	2.3	Attained
CO3 Identify different concentrating collectors for conversion of solar energy into thermal energy.	1.60	2.30	1.7	Not Attained
CO4 Explain the concepts involved in wind energy conversion system using vertical and horizontal wind mills.	0.00	2.30	0.5	Not Attained
CO5 Illustrate the operational methods of ocean and tidal energy for electrical energy conversion	2.30	2.30	2.3	Attained
CO6 Utilize the mechanisms for direct energy conversion and geothermal energies into electricity.	2.30	2.30	2.3	Attained

Action taken report:

CO3:

Additional reading materials are provided on energy conversion.

CO4:

Additional reading materials are provided on wind mills.


Course Coordinator


Mentor


Head of the Department

Head of the Department
Aeronautical Engineering
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