



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. M Sunil Kumar	Department:	ME
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Solar Energy Systems	Course Code:	AME525
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Construct a practical knowledge on various devices of solar PV systems and trying with an assortment of parameters.	1.60	2.40	1.8	Attainment target reached
CO2	Compare the performance of the Solar PV cell under various specified operating temperature ranges and will be able to relate it with nominal values.	1.60	2.40	1.8	Attainment target reached
CO3	Compare the performance of the Solar PV cell under various specified operating temperature ranges and will be able to relate it with nominal values.	2.30	2.50	2.3	Attainment target reached
CO4	Interpret in depth knowledge of about solar cells, thermal energy storage and electrical energy storages.	0.90	2.00	1.1	Attainment target not reached
CO5	Illustrate various types of energy storage devices and perform the selection based on techno-economic view point	2.30	2.00	2.2	Attainment target reached
CO6	Outline the concept and the diverse materials used in solar devices for concentration of solar energy.	1.60	2.00	1.7	Attainment target not reached

Action taken report:

CO4: More exercise has to be given for solar cells, thermal energy storage and electrical energy storages.

CO6: More assignment on concept and the diverse materials used in solar devices for concentration of solar energy.

Mr. Sunil Kumar

Course Coordinator

Mr. Sunil Kumar

Mentor

Head of the Department
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