INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Dr. P Srinivasa Rao**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - R16**	Batch:	**2016 - 2020**
Course Name:	**Thermodynamics**	Course Code:	**AME003**
Semester:	**IV**	Target Value:	**55% (1.8)**

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Recall the basic concepts of thermodynamic properties and working principles of energy conversions in physical systems by laws of thermodynamics.	2.7	2.6	2.7	Attainment target reached
CO 2	Outline the equivalence of two statements of second law of thermodynamics and the entropy concepts for typical engineering problems.	2.7	2.7	2.7	Attainment target reached
CO 3	Interpret the properties of pure substances and steam to emit relevant inlet and exit conditions of thermodynamic work bearing systems.	1.3	2.6	1.6	Attainment target is not yet reached
CO 4	Apply the significance of partial pressure and temperature to table the performance parameters of ideal gas mixtures.	2.3	2.6	2.4	Attainment target reached
CO 5	Identify the properties of air conditioning systems by practicing psychrometry chart and property tables.	1.6	2.7	1.8	Attainment target reached
CO 6	Illustrate the working of various air standard cycles and work out to get the performance characteristics.	2.3	2.6	2.4	Attainment target reached

Action taken report:

CO 3: Minor modification of syllabus with new trends may be required.

P. Srinivas

Course Coordinator

P. Srinivas

Mentor

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