



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G ARAVIND REDDY	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	APPLIED THERMODYNAMICS - I	Course Code:	AMEB09
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Classify the fuel injection and ignition system to pretend the application of combustion chamber types such as T-head and overhead.	2.30	2.40	2.3	Attained
CO2 select normal and abnormal combustion which affects the importance of flame front and flame propagation and knocking of engine variables	1.30	2.40	1.5	Not Attained
CO3 Experiment with the testing and performance of an internal combustion engine such as fuel consumption, power, efficiencies, and heat balance sheet.	2.30	2.40	2.3	Attained
CO4 Explain the principle of operation related to the working of fan, blowers and compressors and their applications in industries/ factories and how do they differ with each other.	2.40	2.30	2.4	Attained
CO5 Solve numerically related to the performance of all the variations in the velocity triangles pretended to single and multi-stage air compressors with industrial applications.	2.40	2.40	2.4	Attained
CO6 Outline the basic concepts of refrigeration and vapor compression refrigeration systems with superheating and sub cooling to find out COP of refrigeration	2.40	2.30	2.4	Attained

Action Taken:

CO2: More assignments to be given on combustion

Course Coordinator

Head of the Department

Head of the Department
Mechanical Engineering
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