



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of Faculty:	Mr. U Shiva Prasad	Department:	Aerospace Engineering
Regulation:	R-18	Batch:	2019-2021
Course Name:	Aerospace Propulsion	Course Code:	BAEB02
Semester:	I Semester	Target Value:	1.8

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Identify suitable air-breathing engine and operating system for the aircraft based on performance.	3	2.7	2.9	Attained
CO 2	Distinguish between the functions and performance parameters of inlets, nozzles, combustors and after burners for choosing desired devices to the aero engines.	0.9	2.7	1.3	Not Attained
CO 3	Identify the performance parameters for estimating the thrust and specific fuel consumption of an aircraft engine.	0.9	2.6	1.2	Not Attained
CO 4	Examine the working procedure of rocket propulsion system and components for selecting them based on mission profile	0.9	2.7	1.3	Not Attained
CO 5	Make a use of working principles of solid and hybrid rocket motors for increasing the performances level.	1.6	2.7	1.8	Attained
CO 6	Develop sub-systems and heat transfer systems in liquid propellant rocket for definitive deep space rocket propulsive design.	1.60	1.50	1.6	Not Attained

Action taken report (To be filled by the concerned faculty/ course coordinator):

CO 2: Digital content and assignments have to be increased.


CO 3: Digital content and videos will be given in classes for better understanding of concept.

CO 4: Application oriented problems will be given.

CO 6: Real time application problems will be provided for attainment.


Course Coordinator


Mentor


HOD
Head of the Department
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