INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. V VARUN	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	AEROSPACE STRUCTURES LABORATORY	Course Code:	AAEB11
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Examine the deflection produce due to various end conditions of beams, verify maxwells reciprocal theorem, Stress-Strain curve for various materials for obtaining the minimum stress.	0.90	0.00	0.9	Not Attained
CO2	Understand the flow properties of flat plate, nozzle and cylinder to demonstrate Reynolds number.	0.90	0.00	0.9	Not Attained
CO3	Differentiate the flow properties around symmetrical and cambered airfoil	0.90	0.00	0.9	Not Attained
CO4	Analyse the coefficient of pressure, lift, drag and moment for different bodies for different flow conditions.	0.90	0.00	0.9	Not Attained
CO5	Visualize the flow around the different bodies under supersonic conditions.	0.90	0.00	0.9	Not Attained
CO6	Inspect the natural frequencies of beams under free and force vibration for designing of a structure to avoid failure due to resonance.	0.90	0.00	0.9	Not Attained

Action Taken:

CO1: Digital content and videos are given in classes for a better understanding of concept.

CO2: Digital content and videos are given in classes for a better understanding of concept.

CO3: Digital content and videos are given in classes for a better understanding of concept.

CO4: Digital content and videos are given in classes for a better understanding of concept.

CO5: Digital content and videos are given in classes for a better understanding of concept.

CO6: Digital content and videos are given in classes for a better understanding of concept.

Course Coordinator

Mentor

Head of the Department