



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. MADHURAKAVI SRAVANI	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Aerospace Structures Laboratory	Course Code:	AAEC11
Semester:	IV	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	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.	2.30	0.00	2.3	Attained
CO2 Understand the flow properties of flat plate, nozzle and cylinder to demonstrate Reynolds number.	2.30	0.00	2.3	Attained
CO3 Differentiate the flow properties around symmetrical and cambered airfoil	2.30	0.00	2.3	Attained
CO4 Analyse the coefficient of pressure, lift, drag and moment for different bodies for different flow conditions.	2.30	0.00	2.3	Attained
CO5 Visualize the flow around the different bodies under supersonic conditions.	2.30	0.00	2.3	Attained
CO6 Inspect the natural frequencies of beams under free and force vibration for designing of a structure to avoid failure due to resonance.	2.30	0.00	2.3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
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