



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. INDRADEEP KUMAR	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Aerospace Structures	Course Code:	AAEC06
Semester:	IV	Target Value:	60% (1.8)

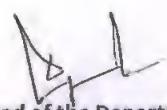
Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Utilize the energy principles to aircraft structural components for interpreting minimal stress loading conditions	3.00	2.20	2.8	Attained
CO2	Choose the minimum energy principles and Fourier series solutions to thin rectangular plates subject to a given boundary conditions for predicting the stresses and strains	3.00	2.20	2.8	Attained
CO3	Inspect the deflection and twist produced in thin walled open and closed section beams under torsion loads for designing beams with minimum stresses.	3.00	2.20	2.8	Attained
CO4	Develop the elementary beam bending theory to thin walled open and closed section beams for predicting warping and torsion of aircraft structural components	2.30	2.20	2.3	Attained
CO5	Illustrate the concepts in structural idealization in transforming complex structural geometries to simple structural geometries used for interpreting the stress distribution on aircraft structures	3.00	2.20	2.8	Attained
CO6	Make use of maximum stress theories to aircraft structural components for determining failure stresses under various loading conditions.	3.00	2.20	2.8	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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