



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	Course Code:	AAEB07
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Describe the concept of Structural components, structural joints, Monocoque and semi monocoque structures and also energy methods and principles	1.60	2.10	1.7	Not Attained
CO2 Describe the concept of thin plates subject to different types of loads and also Buckling phenomena of thin plates, local instability and instability of stiffened panels	0.90	2.00	1.1	Not Attained
CO3 Understand the concept of symmetric and un-symmetric bending of beams shear stresses and shear flow distribution of thin walled sections and Torsion phenomenon.	1.60	2.00	1.7	Not Attained
CO4 Explore the concept of Structural idealization and stress distribution of idealized thin walled sections	0.90	2.00	1.1	Not Attained
CO5 Discuss the concept of idealized thin walled sections, fuselage, Wing spar and box beams.	0.90	2.00	1.1	Not Attained

Action Taken:

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

CO2: Additional reading materials are provided for understanding buckling phenomena.

CO3: Additional reading materials are provided for understanding bending and torsion phenomena.

CO4: Additional reading materials are provided for understanding stress distribution.

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

Course Coordinator

Mentor

Head of the Department

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