

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**AERONAUTICAL ENGINEERING****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Mr. KARUN KUMAR	Department:	Aeronautical Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Aerospace Structural Dynamics Laboratory	Course Code:	AAEC45
Semester:	VII	Target Value:	60% (1.8)

**Attainment of COs:**

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify the gyroscopic effect for the real time applications of ships, aero planes	3.00	0.00	3	Attained
CO2	Examine the life expectancy for ball bearing and their real time application.	3.00	0.00	3	Attained
CO3	Select the appropriate journal bearing for balancing of machine components such as shafts.	3.00	0.00	3	Attained
CO4	Analyze the inversion mechanism for 4-bar mechanism to form different mechanical components	3.00	0.00	3	Attained
CO5	Determine the shafts material for sustaining the vibrations during critical speed of the shafts	3.00	0.00	3	Attained
CO6	Examine the different balancing techniques for effective balancing of machines and structures.	3.00	0.00	3	Attained

**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**  
Course Coordinator  
Mentor  
Head of the Department

Head of the Department  
Aeronautical Engineering  
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