



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. C SURESH	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Aerospace Structural Dynamics Laboratory	Course Code:	AAEB27
Semester:	VII	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Identify the gyroscopic effects using the gyroscopic couple for finding real time applications in naval, and aeronautical industry.	0.60	0.00	0.6	Not Attained
CO2 Examine ball bearing using static and dynamic force balance for finding their life expectancy in corresponding real time application	0.60	0.00	0.6	Not Attained
CO3 Select the appropriate journal bearing for balancing of machine components such as shafts.	0.60	0.00	0.6	Not Attained
CO4 Build out the inversion mechanism for 4-bar mechanism to form different mechanical components that constitute most of the machines	0.60	0.00	0.6	Not Attained
CO5 Design a shaft and choose its material for determining the critical speed of shafts	0.60	0.00	0.6	Not Attained
CO6 Choose the balancing techniques for effective balancing of machines and structures	0.60	0.00	0.6	Not Attained

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

CO1: Given additional information to enhance more exposure to understand the gyroscopic effect

CO2: Digital content and videos are given in lab for understanding of concept

CO3: Digital content and videos are given in lab for understanding of concept

CO4: Digital content and videos are given in lab for understanding of concept

CO5: Digital content and videos are given in lab for understanding of concept

CO6: Digital content and videos are given in lab for understanding of concept

Course Coordinator

Mentor

Head of the Department  
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