



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. Y B Sudhir Sastry	Department:	Aeronautical Engineering
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Aerospace Structural Dynamics Laboratory	Course Code:	AAE113
Semester:	VII	Target Value:	75% (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.	3.0	0	3.0	Attainment target reached
CO2	Examine ball bearing using static and dynamic force balance for finding their life expectancy in corresponding real time application	3.0	0	3.0	Attainment target reached
CO3	Select the appropriate journal bearing for balancing of machine components such as shafts.	3.0	0	3.0	Attainment target reached
CO4	Build out the inversion mechanism for 4-bar mechanism to form different mechanical components that constitute most of the machines	3.0	0	3.0	Attainment target reached
CO5	Design a shaft and choose its material for determining the critical speed of shafts	3.0	0	3.0	Attainment target reached
CO6	Choose the balancing techniques for effective balancing of machines and structures	3.0	0	3.0	Attainment target reached

Action taken report:


Course Coordinator


Mentor


Head of the Department
Aeronautical Eng
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