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**
Regulation:	**IARE - R16**	Batch:	**2017 - 2021**
Course Name:	**Aerospace Structural Dynamics Laboratory**	Course Code:	**AAE113**
Semester:	**VII**	Target Value:	**80% (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.	2.3	-	2.3	Attainment target reached
CO2	Examine ball bearing using static and dynamic force balance for finding their life expectancy in corresponding real time application	2.3	-	2.3	Attainment target reached
CO3	Select the appropriate journal bearing for balancing of machine components such as shafts.	2.3	-	2.3	Attainment target reached
CO4	Build out the inversion mechanism for 4-bar mechanism to form different mechanical components that constitute most of the machines	2.3	-	2.3	Attainment target reached
CO5	Design a shaft and choose its material for determining the critical speed of shafts	2.3	-	2.3	Attainment target reached
CO6	Choose the balancing techniques for effective balancing of machines and structures	2.3	-	2.3	Attainment target reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

Course Coordinator **Mentor** **HOD**

Head of the Department
Aeronautical Engineering
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