



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. CH. Sandeep	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Theory of Machines Laboratory	Course Code:	AME111
Semester:	VI	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, aeroplanes.	1.00	0.00	1	Attainment target not reached
CO2	Examine the life expectancy of ball bearing and their real time application.	1.00	0.00	1	Attainment target not reached
CO3	Select the appropriate journal bearing for balancing of machine components such as shafts.	1.00	0.00	1	Attainment target not reached
CO4	Build out the inversion mechanism from 4-bar mechanism to form different mechanical components.	1.00	0.00	1	Attainment target not reached
CO5	Design the shafts material for calculate the critical speed of shafts.	1.00	0.00	1	Attainment target not reached
CO6	Choose the balancing techniques for effective balancing of machines and structures.	1.00	0.00	1	Attainment target not reached

Action taken report:

- CO1: More assignments may be given on the gyroscopic effect for better improvement.
CO2: Real time applications need to be given on ball bearing.
CO3: Examples need to be given on journal bearing for balancing of shafts.
CO4: Practical examples may be incorporated.
CO5: Tutorial hours should be conducted for better improvement.
CO6: More problems need to be done on balancing techniques.


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
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