



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. GVR. SESHAGIRI RAO	Department:	Mechanical Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Machine Design	Course Code:	AMED20
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Relate bearings and their importance in machinery operation using various modes of lubrication for reducing friction in industrial applications.	2.20	2.50	2.3	Attained
CO2 Build various Internal Combustion Engine Parts for improving the efficiency for automobiles applications.	2.20	2.50	2.3	Attained
CO3 Summarize types of belt drives in order to select suitable belt drives for given loading conditions	3.00	2.40	2.9	Attained
CO4 Develop design procedure for rope drives and chain drives for improving transmission efficiencies	0.00	2.50	0.5	Not Attained
CO5 Apply principles of gear design to various types of gears to meet the industrial application	1.20	2.50	1.5	Not Attained
CO6 Outline impact of various stresses acting on screw threads to minimize failure rate for enhancing power transmission systems	1.80	2.50	1.9	Attained

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

CO4: Tutorials to be conducted on design of rope drives and chain drives.

CO5: Tutorials to be conducted on design of various types of gears.


Course Coordinator


Mentor


Head of the Department
Head of the Department
Mechanical Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043