INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. D GOVARDHAN**	Department:	**Mechanical Engineering**
Regulation:	**IARE - BT23**	Batch:	**2023-2027**
Course Name:	**Engineering Mechanics**	Course Code:	**AMED04**
Semester:	**II**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Determine the unknown forces by free body diagrams to a given equilibrium force system through laws of mechanics.	2.60	2.40	2.6	Attained
CO2	Calculate the system of forces acting on wedge and screw jack by using the laws of static and dynamic frictions.	2.00	2.40	2.1	Attained
CO3	Use the concepts of centroid in stability problems for evaluation of area moment of inertia.	1.20	2.40	1.4	Not Attained
CO4	Identify the mass moment of inertia of symmetrical and non-symmetrical section using the concepts of centre of gravity.	2.20	2.30	2.2	Attained
CO5	Solve the position, velocity, acceleration and the characteristics of a body in dynamic equilibrium for various types of motion using appropriate mathematical tools.	1.20	2.40	1.4	Not Attained
CO6	Develop the governing equation from first principles by using work - energy and impulse - momentum in dynamic equilibrium condition.	1.20	2.40	1.4	Not Attained

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

CO3: Tutorials to be conducted on finding centroid and area moment of inertia.

CO5: Assignments to be given on finding the position, velocity, acceleration.

CO6: Tutorials to be conducted on application of using work - energy and impulse - momentum principles.

Govardhan
Course Coordinator

BDy Sreenil
Mentor

Head of the Department

Head of the Department
Mechanical Engineering
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