



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. GNV SAI TEJA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	ENGINEERING MECHANICS	Course Code:	AMEB03
Semester:	III	Target Value:	50% (1.5)

Attainment of COs:

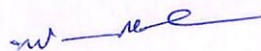
Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Make use of Principles for rectilinear motion of particles to solve problems in motion curves, rigid body motion and fixed axis rotation	2.30	2.60	2.4	Attained
CO2 Apply D'Alembert's principle to a dynamic equilibrium system by introducing the inertia force for knowing the acceleration and forces involved in the system.	1.60	2.80	1.8	Attained
CO3 Develop the relations for the motion of body in lift and on inclined plane to identify the unknown forces and the forces due to gravity	1.60	2.20	1.7	Attained
CO4 Understand the concept of virtual work to solve problems involving displacements and time with respect to impact and impulse momentum equation	0.60	2.50	1	Not Attained
CO5 Determine the effect of law of conversation of energy when the system involves before and after collision occurs	0.60	2.80	1	Not Attained
CO6 Develop the governing equation for momentum and vibrational phenomenon of mechanical system by using energy principles for obtaining co efficient and circular frequency	1.30	2.50	1.5	Attained


Action Taken:

CO4: Digital content and Assignments are provided to understand displacements and time with respect to impact and impulse momentum equation

CO5: Additional materials and video lectures will be provided to understand the law of conversation of energy when the system involves before and after collision occurs


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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