INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Dr. Rizwana**	Department:	**ME**
Regulation:	**IARE - R16**	Batch:	**2016 - 2020**
Course Name:	**Applied Physics**	Course Code:	**AHS007**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Illustrate the properties of dielectric and magnetic materials which are suitable for engineering applications.	0.60	1.80	0.8	Attainment target not reached
CO2	Outline the basic principles of acoustics of buildings and modern architectural acoustic techniques using Sabines formula.	2.40	1.80	2.3	Attainment target reached
CO3	Demonstrate the generation and applications of ultrasonic waves in different fields of science and industries.	1.00	2.40	1.3	Attainment target not reached
CO4	Identify the condition of equilibrium from basic concepts and the laws of forces.	1.60	1.80	1.6	Attainment target not reached
CO5	Make use of laws of friction to obtain equilibrium of a body lying on an inclined plane.	3.00	1.80	2.8	Attainment target reached
CO6	Apply knowledge of parallel and perpendicular theorems to obtain Moment of inertia of different types of objects.	1.60	2.40	1.8	Attainment target reached

1.76

Action taken report:

CO1: More assignment and applications may be given for dielectric and magnetic materials.
CO3: More applications of ultrasonic waves in different fields of science and industries need to be given.
CO4: Additional tutorial hours required to practice principles of the laws of forces.

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

Head of the Department
Mechanical Engineering
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