



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

CIVIL ENGINEERING

## ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. M Suman Kalyan	Department:	CE
Regulation:	IARE - R16	Batch:	2017 - 2021
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.	2.7	2.4	2.6	Attainment target reached
CO2	Outline the basic principles of acoustics of buildings and modern architectural acoustic techniques using Sabines formula.	2.3	2.4	2.3	Attainment target reached
CO3	Demonstrate the generation and applications of ultrasonic waves in different fields of science and industries.	2.3	2.4	2.3	Attainment target reached
CO4	Identify the condition of equilibrium from basic concepts and the laws of forces.	0.3	2.4	0.7	Attainment target not reached
CO5	Make use of laws of friction to obtain equilibrium of a body lying on an inclined plane.	2.00	2.5	2.1	Attainment target reached
CO6	Apply knowledge of parallel and perpendicular theorems to obtain Moment of inertia of different types of objects.	2.7	2.5	2.7	Attainment target reached

### Action taken report:

CO 4: Need to provide the more problems and assignments on equilibrium from basic concepts and the laws of forces. which enables the students to gain more problem-solving skills.

*Kalyan*  
Course Coordinator

*Kalyan*  
Mentor

*[Signature]*  
HOD  
Head of the Department  
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