



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. N. Santhi Sree	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Fluid, Thermal Modeling and Simulation Laboratory	Course Code:	AME113
Semester:	VI	Target Value:	60% (1.8)

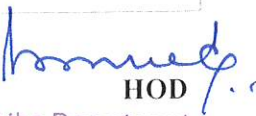
Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Apply finite element methods to fluid flow problems.	2.40	0.00	2.4	Attainment target reached
CO2	Demonstrate various types of fluid flow and able to apply basic fundamental equations applied to fluid flow using ANSYS and MATLAB.	2.40	0.00	2.4	Attainment target reached
CO3	Make use of modern tools to formulate the problem, and able to create geometry and discretize, apply boundary condition to solve problems using ANSYS.	2.40	0.00	2.4	Attainment target reached
CO4	Analyse heat transfer coefficient on different surfaces, components and design of heat exchanging equipment.	2.40	0.00	2.4	Attainment target reached
CO5	demonstrate 3-D thermal analysis and flow simulation using ANSYS.	2.40	0.00	2.4	Attainment target reached
CO6	Analyse the thermal stress of a piston	2.40	0.00	2.4	Attainment target reached

Action taken report: In this course, all the CO's are attained. So no need to take corrective actions.


Course Coordinator


Mentor


HOD
Head of the Department
Mechanical Engineering
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