



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G ARAVIND REDDY	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Fluid Thermal Modeling and Simulation Laboratory	Course Code:	AMEB25
Semester:	VI	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Demonstrate the application of finite element method for analyzing 2D fluid flow problems	2.30	0.00	2.3	Attained
CO2 Make use of AnsysCFX or Solid Works Flow Simulation for analyzing simple fluid flow problems.	2.30	0.00	2.3	Attained
CO3 Develop the Matlab code for analyzing 2D fluid flow problems.	2.30	0.00	2.3	Attained
CO4 Make use of Ansys or Solid Works Flow Simulation for analyzing simple heat transfer problems.	2.30	0.00	2.3	Attained
CO5 Make use of AnsysFluent for analyzing conjugate heat transfer.	2.30	0.00	2.3	Attained
CO6 Make use of Ansys for analyzing thermal stress in piston.	2.30	0.00	2.3	Attained

#### Action Taken:

Course Coordinator

Mentor

Head of the Department

Head of the Department  
Mechanical Engineering  
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