



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. P VENKATA MAHESH	Department:	Mechanical Engineering
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Thermo-Fluid Modeling and Simulation Laboratory	Course Code:	AMEC37
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	2.40	0.00	2.4	Attained
CO2	Make use of AnsysCFX or Solid Works Flow Simulation for analyzing simple fluid flow problems	2.40	0.00	2.4	Attained
CO3	Develop the Matlab code for analyzing 2D fluid flow problems.	2.40	0.00	2.4	Attained
CO4	Make use of Ansys or Solid Works Flow Simulation for analyzing simple heat transfer problems.	2.40	0.00	2.4	Attained
CO5	Make use of AnsysFluent for analyzing conjugate heat transfer.	2.40	0.00	2.4	Attained
CO6	Make use of Ansys for analyzing stress in Beam.	2.40	0.00	2.4	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)


Course Coordinator


Mentor


Head of the Department
Head of the Department
Mechanical Engineering
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