



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

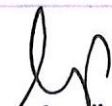
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr.CH SANDEEP	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Heat Transfer Laboratory	Course Code:	AMEB24
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Identify the steps involved with different surfaces and geometries for which the temperature distribution and heat flow rates are calculated for automotive industry components like radiators, engine blocks.	2.30	0.00	2.3	Attained
CO2 Examine the principles associated with convective heat transfer to formulate and calculate the dynamics of temperature field in fluid flow for real time applications.	2.30	0.00	2.3	Attained
CO3 Select the appropriate convection equations for solving heat transfer rate in cylinders and spheres	2.30	0.00	2.3	Attained
CO4 Build the phenomena of boiling and condensation to give various correlations applied to heat exchangers, boilers, heat engines, etc	2.30	0.00	2.3	Attained
CO5 Select the appropriate expression for overall heat transfer coefficient for modelling heat exchanger to achieve defect/error free components	2.30	0.00	2.3	Attained
CO6 Identify the appropriate parameters for enhancing heat transfer rates in heat exchangers.	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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