



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. P VENKATA MAHESH	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Heat and Mass Transfer	Course Code:	AAEC17
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:


Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Make use of the basic concepts of Steady, unsteady and periodic heat transfer mechanisms and boundary conditions for solving the problems with and without extended surfaces.	2.10	2.10	2.1	Attained
CO2 Utilize concepts of free and forced convection and the boundary layer for solving the problems having internal or external flows.	2.10	2.10	2.1	Attained
CO3 Explain the concept of phase change heat transfer to classify the problems involving boiling and condensation phenomena.	2.30	2.10	2.3	Attained
CO4 Solve the problems on heat exchangers by understanding the concepts of LMTD and NTU methods.	2.70	2.10	2.6	Attained
CO5 Apply the laws of radiation heat transfer for solving the problems on radiation networks.	1.40	2.10	1.5	Not Attained
CO6 Summarize the concepts and laws of mass transfer to classify the mass transfer problems.	1.70	2.10	1.8	Attained

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

CO5: Additional numerical on radiation heat transfer is to be provided.


Course Coordinator


Mentor


Head of the Department
Head of the Department
Aeronautical Engineering
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