



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. C LABESH KUMAR	Department:	Mechanical Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Machine Tools and Metrology	Course Code:	AMEC19
Semester:	V	Target Value:	60% (1.8)


Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Recall the importance of geometry of cutting tools, coolants and tool materials for the analysis of material behavior during manufacturing processes.	3.00	2.50	2.9	Attained
CO2	Explain the operational principles of different lathe machines and various reciprocating machines for quality machining.	2.70	2.40	2.6	Attained
CO3	Explain the working principles of Milling, drilling and surface grinding machines for manufacturing the components of their requirement.	2.70	2.50	2.7	Attained
CO4	Apply the principles of limits, fits and tolerance while designing and manufacturing the components of their requirement.	2.40	2.50	2.4	Attained
CO5	Choose an appropriate measuring instrument for accurate inspection of the dimensional and geometric features of a given component.	3.00	2.50	2.9	Attained
CO6	Apply the various methods for the measurements of screw threads, surface roughness parameters and the working of optical measuring instruments.	2.70	2.50	2.7	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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