



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME ACTION TAKEN REPORT

Name of the faculty:	Mr C Labesh Kumar	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Machine Tools and Metrology	Course Code:	AME010
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recognize 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	Attainment target reached
CO2	Explain the operational principles of different lathe machines and various reciprocating machines for quality machining.	3.00	2.60	2.9	Attainment target reached
CO3	Select a machining operation, corresponding machine tool for a specific application in real time.	2.30	2.60	2.4	Attainment target reached
CO4	Extend the working principles of Milling, drilling and surface grinding machines for manufacturing the components of their requirement.	3.00	2.50	2.9	Attainment target reached
CO5	Apply the principles of limits, fits and tolerance while designing and manufacturing the components of their requirement.	3.00	2.10	2.8	Attainment target reached
CO6	Build the various methods for the measurements of screw threads, surface roughness parameters and the working of optical measuring instruments.	2.30	2.10	2.3	Attainment target reached

Action taken report: In this course, all the CO's are attained. So no need to take corrective actions.

Course Coordinator

Mentor

Head of the Department
Mechanical Engineering
HOD
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