



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 - UG20	Batch:	2022-2026
Course Name:	Machine Tools and Metrology Laboratory	Course Code:	AMEC25
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Apply the appropriate cutting parameters for prismatic operations and their critical tool development/selection of Lathe, Milling, drilling, slotting shaping and surface grinding machines for manufacturing the components of their requirement	2.00	0.00	2	Attained
CO2	Apply surface grinding operations to improve the quality of the surface with desired dimensions by removing uneven spots on the surface	2.00	0.00	2	Attained
CO3	Analyze the chip formation mechanism by measuring the cutting forces during the chip formation process	2.00	0.00	2	Attained
CO4	Estimate machining times for machining operations at specified levels of cutting parameters of machine tools	2.00	0.00	2	Attained
CO5	Apply the principles of limits, fits and tolerance while designing and manufacturing the components of their requirement to get form and position	2.00	0.00	2	Attained
CO6	Apply equipment's like Surface Roughness tester, and Tool makers Microscope to find out parameters of gear, thread, tool and surface roughness	2.00	0.00	2	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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