



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr.K CHINA APPARAO	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Manufacturing Technology Laboratory	Course Code:	AMEB19
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Identify the appropriate cutting parameters for turning operations and selection of the cutting tool materials for optimum tool life.	2.10	0.00	2.1	Attained
CO2	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	2.10	0.00	2.1	Attained
CO3	Apply surface grinding operations to improve the quality of the surface with desired dimensions by removing uneven spots on the surface	2.10	0.00	2.1	Attained
CO4	Analyse the chip formation mechanism by measuring the cutting forces during the chip formation process	2.10	0.00	2.1	Attained
CO5	Evaluate machining times for machining operations at specified levels of cutting parameters of machine tools	2.10	0.00	2.1	Attained
CO6	Apply the principles of limits, fits and tolerance while designing and manufacturing the components of their requirement to get form and position	2.10	0.00	2.1	Attained

Action Taken:


Course Coordinator




Head of the Department

Head of the Department
Mechanical Engineering
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