



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad-500043
MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME-ACTION TAKEN REPORT

Name of the faculty:	Dr. CH. Sandeep	Department:	ME
Regulation:	IARE-R16	Batch:	2016 -2020
Course Name:	Tool Design	Course Code:	AME509
Semester:	V	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the different tool materials used in various industries.	0.90	1.80	1.1	Attainment target not reached
CO2	Explain the design of different cutting tools: Milling, Drilling and selection of carbide tool steels for cutting operations.	0.30	2.20	0.7	Attainment target not reached
CO3	Illustrate the basic principles of location and clamping methods for Jigs and Fixers.	0.60	2.50	1	Attainment target not reached
CO4	Develop design of drill jigs ,drill bushing and various types of fixtures.	0.90	2.40	1.2	Attainment target not reached
CO5	Construct the design of sheet metal blanking and piercing dies.	0.90	2.50	1.2	Attainment target not reached
CO6	Develop design of sheet metal bending, drawing and forming dies.	0.90	2.50	1.2	Attainment target not reached


1.06

Action taken report:

CO1: Extra tutorial hours essential to discuss different tool materials used in various industries.
CO2: More assignments have to be solved design of different cutting tools.
CO3: More practice required to solve location and clamping methods for Jigs and fixtures.
CO4: Additional tutorial hours required to practice design of drill jigs and drill bushing
CO5: More practice has to be given for design of sheet metal blanking and piercing dies.
CO6: More assignments has to be solved design of sheet metal bending.


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
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