



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. B.V. Satyanarayana Rao	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Computer Aided Engineering Drawing Practice	Course Code:	AME102
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Illustrate bureau of Indian standards conventions of engineering drawing with basic concepts, ideas and methodology for different geometries and their execution.	1.40	0.00	1.4	Attainment target not reached
CO2	Apply the commands used in AutoCAD for development of multi-aspect sketches, additional and sectional view.	1.40	0.00	1.4	Attainment target not reached
CO3	Construct parabolic, Hyperbolic and elliptical curves for profiles likes buildings and bridges. Construct Cycloidal and involutes profiles for developing new products like gears and other engineering applications.	1.40	0.00	1.4	Attainment target not reached
CO4	Explain various types of scales for engineering applications like maps, buildings, bridges.	1.40	0.00	1.4	Attainment target not reached
CO5	Explain the concept of projection of solids inclined to both the planes for interpretation of different views and orthographic projection concepts in solid modeling	1.40	0.00	1.4	Attainment target not reached
CO6	Recall the orthographic projection concepts in solid modeling for use in conversation to isometric and Vice-versa	1.40	0.00	1.4	Attainment target not reached

Action taken report:

CO1: More experiments need to be done on standards conventions of engineering drawing.

CO2: Assignments may be given on AutoCAD for development of multi-aspect sketches, additional and sectional view.

CO3: More examples may be given on cycloidal and involutes profiles for developing new products.


CO4: More problems may be given on scales for engineering applications like maps, buildings, bridges.

CO5: More practical need to be done on of projection of solids.

CO6: More assignments need to be given on orthographic projection.


Course Coordinator


Mentor


Head of the HOD Department
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