



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. B V SATYANARAYANA RAO	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Engineering Graphics and Design Laboratory	Course Code:	AMEB02
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	1.60	0.00	1.6	Not Attained
CO2 Apply the commands used in AutoCAD for development of multi-aspect sketches, additional and sectional view.	1.60	0.00	1.6	Not Attained
CO3 Construct parabolic, Hyperbolic and elliptical curves for profiles likes buildings and bridges. Build Cycloidal and involutes profiles for developing new products like gears and other engineering applications.	1.60	0.00	1.6	Not Attained
CO4 Explain various types of scales for engineering applications like maps, buildings, bridges	1.60	0.00	1.6	Not Attained
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	1.60	0.00	1.6	Not Attained
CO6 Recall the orthographic projection concepts in solid modeling for use in conversation to Isometric and Vice-versa	1.60	0.00	1.6	Not Attained

Action Taken:

CO1: More explanation may be given on the bureau of Indian standards for conventions of engineering drawing for different geometries.

CO2: More practice may be given on the application of the AutoCAD commands for the development of multi-aspect sketches and sectional views.

CO3: More practice may be given on conic sections, Cycloids, and involutes profiles for developing new products for engineering applications.

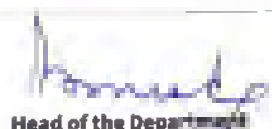
CO4: More practice may be given on drawing scales for various engineering applications

CO5: More practice may be given on the concept of the projection of solids and orthographic projection concepts in solid modeling.

CO6: More examples may be solved on conversion to isometric and Vice-versa.


Course Coordinator


Head of Department


Head of the Department

Head of the Department
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